



# Seed Ontario

2023

Variety  
Performance  
Trial Data  
& Seed  
Source Guide

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Crops are sorted alphabetically by town and grower  
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kind. '®' indicates the variety is protected by Plant  
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## Minister's Message



As Ontario's Minister of Agriculture, Food and Rural Affairs, I am pleased to support the distribution of the 2023 Seed Guide by the Ontario Seed Growers' Association.

I want to recognize the hard work of Ontario's agriculture industry, including our Seed Growers' Association and its membership, who provide us with high-quality products that support hundreds of thousands of jobs in the province.

I am both delighted and proud of OSGA's dedication to pedigreed seed development including production and efforts made to maintain and enhance Ontario's well-deserved reputation as a leader in this sector. Without you, the agriculture sector would not be the key economic driver it is. I'm confident about the future because I see your determination to innovate and grow, especially after this challenging year.

I would like to take this opportunity to express my appreciation to everyone for the hard work and dedication you've shown as you continue your important work in Ontario's agri-food industry. The future is bright for Ontario agriculture.

Best wishes for a successful year!

**Honourable Lisa M. Thompson**  
Minister of Agriculture, Food and Rural Affairs

## President's Message



Seed Ontario is a resource tool of variety performance trial information combined with a directory listing of where to access seed varieties. Data from all the variety performance trials across the province are peer reviewed and presented here for your convenience. Use data to assist in your seed purchase

decisions and select varieties that can help in eliminating risk and improve your profitability.

Certified seed offers great value and great returns for producers. The blue tag is your seal of quality and your commitment to investing in future varietal development work.

As president of the Ontario Seed Growers' Association we wish to thank the work of the performance evaluation committees, the many industry collaborators, the sponsors and advertisers for their assistance with making this Seed Ontario publication a reality.

Best of success to you in your farming endeavours in 2023.

**Andrew Dawson**  
President, Ontario Seed Growers' Association

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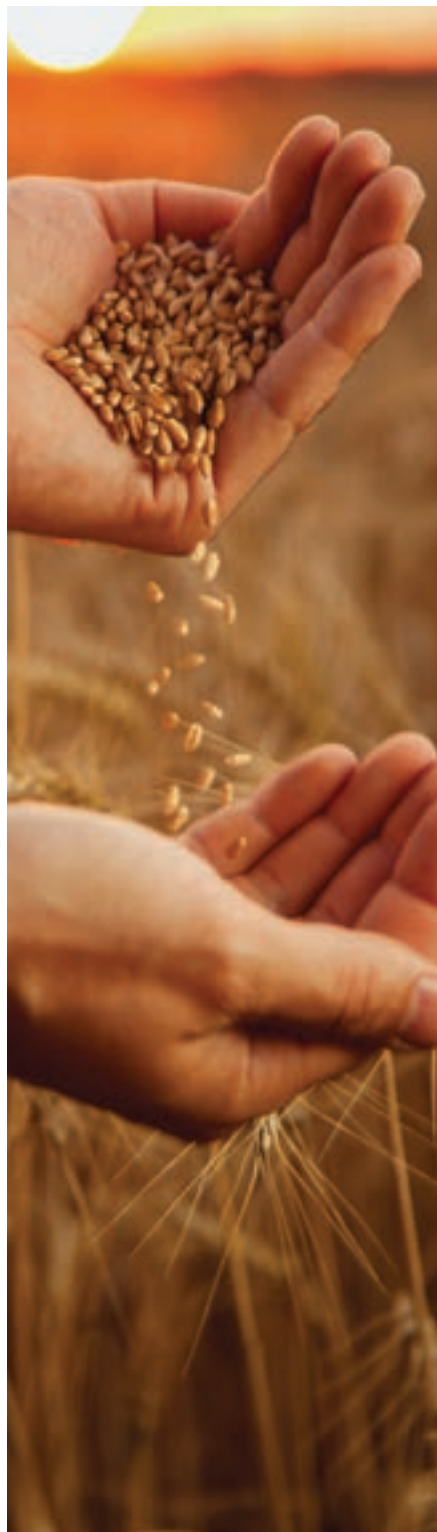
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# TOP 10 REASONS TO USE CERTIFIED SEED

Start your crop off right!



**T**here are many reasons to use Certified seed. It's the starting point of a successful crop as well as an important risk management tool. Here's the Certified seed Top 10.

## 1. CLEAN SEED

Certified seed is grown and processed under stringent production requirements with strict limits on weeds and other crop kinds.

## 2. VARIETAL PURITY

Certified seed uses strictly monitored quality management systems to maximize varietal purity – making sure you get the specific variety you want. Other varieties and off-types are guaranteed to be minimized.

## 3. GUARANTEED QUALITY ASSURANCE

Inspections in the field and at the processing plant ensure that all quality assurance requirements have been met and documented. Your seed is what you expect it to be, allowing you to back up your assurances to others.

## 4. ACCESS TO NEW OPPORTUNITIES

Many end-users require specific varieties for their products. Using Certified seed can open the door to new opportunities and greater sales by providing officially recognized proof of your parent seed varietal identity.

## 5. TRACEABILITY

Food safety and traceability are important considerations in agriculture. You can only be sure of your product if you know its origins. Certified seed is the key to that knowledge: production of this seed is carefully controlled under a quality assurance system right from the beginning. Using Certified seed will allow you to capitalize on traceability measures.

## 6. NEW GENETICS

Improved traits such as better yield, pest resistance, drought tolerance, herbicide tolerance, and much more are delivered to farmers in Certified seed. Years of research and development went into these traits and they can only be reliably accessed through Certified seed.

## 7. SUBSTANCE BEHIND YOUR WORD

The blue tag is proof that you used Certified seed to maintain the value traits of the crop. It's your assurance to grain buyers and others that what you are delivering is what you say it is.

## 8. MAXIMIZE OTHER INPUTS

You want the best genetics and the cleanest fields to ensure you are making the most of your input dollars. Planting Certified seed means you're not wasting time, and the ever-increasing investment required for modern crop production, on seed that won't reliably produce a top crop.

## 9. ACCESS TO PREMIUM MARKETS

Certified seed is the only input that can get you more than just higher yields. It can be your ticket to premium markets like tofu soybeans or high stability canola and other identity-preserved (IP) markets.

## 10. A BETTER DEAL ON CROP INSURANCE

In some cases, Certified seed allows you to get a better deal on crop insurance premiums. Insurers know that Certified seed means a crop with reduced risk.

Seed is the foundation of a good crop. Using Certified seed in your fields means you are seeding with greater certainty. You can be certain of the quality and variety of the seed and other benefits including marketing power, risk management tools, and access to new varieties. Certified seed can be the most cost-effective risk management tool for your business. ■

Source: Canadian Seed Growers' Assoc.  
[www.seedgrowers.ca](http://www.seedgrowers.ca)

# Cereal Crops

Cereal Performance Trials are conducted by the Ontario Cereal Crops Committee (OCCC). For more information about the OCCC go to the GoCereals.ca website under "About Us".

Winter wheat, spring wheat, barley and oat trials are conducted at locations across Ontario. For reporting, the trial results are grouped into regions based on their environment. A map showing the testing area and trial locations for each crop can be found on page 9 or at GoCereals.ca under "Performance".

All trials are replicated and randomized to provide statistical validity and are managed according to the recommendations of the Ontario Ministry of Agriculture, Food and Rural Affairs. "Intensive" trials refers to trials that receive one or two applications of a foliar fungicide for the control of leaf diseases and/or Fusarium Head Blight. Detailed information about the practices used can be found on GoCereals.ca under "Procedures".

Trials are inspected by representatives of the OCCC after heading to ensure that they meet OCCC standards. Yield values reflect the performance of the variety relative to the average of the trials and is referred to as the "Yield Index". Index values differing by less than 3 within a column may not represent true differences in yield.

Heading and Physiological Maturity Days vary from year to year and should only be used to indicate relative differences.

## Abbreviations:

**Winter Wheat:** sww = soft white winter; srw = soft red winter; hrw = hard red winter

**Spring Wheat:** HRS = hard red spring; EFS = eastern feed spring; Other = does not meet quality standards for CEHRS; a = awned

**Barley:** 2R = 2 Rowed, 6R = 6 Rowed

**Disease Ratings:** MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)

## Other Ratings:

For ratings 0 - 9, a high score is undesirable.

☞ Indicates a variety that is protected by Plant Breeders Rights legislation that complies with UPOV 1978.

☞ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeders Rights legislation that complies with UPOV 1991.





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# Ontario Performance Trial Data

## AREA MAP



### Locations of performance tests by crop:

**Oats:** Palmerston, Kincardine, Elora, Winchester, New Liskeard, Ottawa

**Barley:** Palmerston, Kincardine, Elora, Winchester, New Liskeard, Ottawa, Osgoode

**Spring Wheat:** Palmerston, Kincardine, Elora, Winchester, New Liskeard, Casselman, Ottawa

**Winter wheat:** Woodslee, Inwood, Palmerston, Elora, Winchester, Moose Creek, Ottawa, Emo, New Liskeard

For more information, go to [GoCereals.ca](http://GoCereals.ca)

## OATS

### Cumulative Yield Index<sup>1</sup> Summary of Areas II, III & V

| Cultivar                  | Area II           |      |      |      |      | Area III          |      |      |      |      | Area V            |      |      |      |      |
|---------------------------|-------------------|------|------|------|------|-------------------|------|------|------|------|-------------------|------|------|------|------|
|                           | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 |
| <b>Hulled</b>             |                   |      |      |      |      |                   |      |      |      |      |                   |      |      |      |      |
| OAC Markdale              | 84                | 85   | 87   | 90   | 97   | 93                | 91   | 89   | 87   | 85   |                   |      |      |      |      |
| RC Amaze                  | 97                | 98   | 100  | 96   | 103  | 101               | 97   | 96   | 96   | 106  |                   |      |      |      |      |
| Avatar                    |                   |      |      |      |      | 87                | 82   | 83   | 79   | 62   |                   |      |      |      |      |
| Hidalgo                   |                   |      |      |      |      |                   |      |      |      |      | 96                | 93   | 92   | 98   | 97   |
| AAC Bullet                | 95                | 93   | 95   | 90   | 97   | 95                | 94   | 89   | 88   | 86   |                   |      |      |      |      |
| CDC Orrin                 |                   |      | 98   | 97   | 92   | 107               | 103  | 100  | 98   | 94   | 99                | 95   | 95   | 92   | 84   |
| AAC Richmond              | 94                | 92   | 93   | 92   | 89   | 94                | 96   | 96   | 95   | 82   | 107               | 106  | 105  | 104  | 103  |
| AAC Oaklin                | 88                | 86   | 88   | 83   | 88   | 94                | 91   | 85   | 84   | 82   | 96                | 96   | 94   | 92   | 99   |
| Akina <sup>Ⓢ</sup>        |                   |      |      |      |      |                   |      |      |      |      | 103               | 101  | 99   | 97   | 94   |
| AAC Nicolas <sup>Ⓢ</sup>  |                   |      |      |      |      |                   |      |      |      |      | 103               | 103  | 106  | 107  | 104  |
| Kalio <sup>Ⓢ</sup>        |                   |      |      |      |      | 102               | 103  | 103  | 106  |      | 99                | 100  | 100  | 103  | 101  |
| CDC Arborg <sup>Ⓢ</sup>   |                   |      |      |      |      |                   |      |      |      |      |                   | 99   | 96   | 99   | 87   |
| AAC Chandler <sup>Ⓢ</sup> |                   |      |      |      |      |                   |      |      |      |      | 104               | 105  | 102  | 106  |      |
| AAC Stature <sup>Ⓢ</sup>  |                   | 113  | 105  | 107  | 101  |                   |      | 103  | 104  | 117  |                   |      |      |      |      |
| AAC Reid <sup>Ⓢ</sup>     |                   | 125  | 123  | 121  | 116  |                   |      | 119  | 123  | 134  |                   |      |      |      |      |
| Alise                     |                   |      |      |      |      |                   |      | 94   | 93   | 84   |                   |      | 99   | 96   | 92   |
| Orford                    |                   |      | 101  | 99   | 93   |                   |      | 107  | 108  | 111  |                   |      | 96   | 96   | 95   |
| Nika <sup>Ⓢ</sup>         |                   |      |      |      |      |                   |      |      | 106  | 105  |                   |      |      | 104  | 109  |
| Mistral                   |                   |      |      |      |      |                   |      |      |      |      |                   |      |      | 101  | 111  |
| <b>Means (t/ha)</b>       | 3.95              | 4.11 | 4.16 | 4.54 | 5.34 | 3.80              | 4.13 | 3.93 | 4.01 | 3.76 | 5.07              | 5.36 | 5.22 | 5.41 | 7.12 |
| <b>Means (bu/ac)</b>      | 104               | 108  | 109  | 119  | 140  | 100               | 108  | 103  | 105  | 99   | 133               | 141  | 137  | 142  | 187  |
| <b>Locations</b>          | 14                | 12   | 9    | 6    | 3    | 9                 | 7    | 5    | 4    | 2    | 11                | 8    | 5    | 3    | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

<sup>2</sup> Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Rust races have overcome genetic resistance in the past 13 years, with some varieties being significantly impacted.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [seeds-canada.ca](http://seeds-canada.ca) to learn more.

# OATS — AREA II

## Varietal Characteristics<sup>1</sup>

| Variety                  | Hull Colour | Test Weight (kg/hL) | 1000 Kernel Weight(g) | Heading (days) | Height (cm) | Lodging <sup>2</sup> (0-9) | Crown <sup>2</sup> Rust (0-9) | Leaf <sup>2</sup> Septoria (0-9) | Straw Yield Index |
|--------------------------|-------------|---------------------|-----------------------|----------------|-------------|----------------------------|-------------------------------|----------------------------------|-------------------|
| OAC Markdale             | white       | 44.4                | 31.6                  | 56             | 117         | 5.2                        | 6.2                           | 6.0                              | 99                |
| RC Amaze                 | white       | 45.2                | 32.1                  | 53             | 104         | 3.0                        | 6.2                           | 5.3                              | 96                |
| AAC Bullet               | white       | 42.5                | 32.3                  | 58             | 112         | 5.2                        | 5.9                           | 4.7                              | 97                |
| CDC Orrin                | white       | 41.1                | 32.0                  | 60             | 120         | 4.8                        | 5.0                           | 5.0                              | 110               |
| AAC Richmond             | white       | 40.7                | 29.4                  | 66             | 127         | 6.8                        | 5.1                           | 2.7                              | 110               |
| AAC Oaklin               | white       | 42.3                | 30.8                  | 59             | 115         | 6.7                        | 6.4                           | 5.7                              | 85                |
| AAC Stature <sup>⓪</sup> | white       | 46.7                | 31.2                  | 58             | 95          | 5.5                        | 4.0                           | 5.7                              | 79                |
| AAC Reid <sup>⓪</sup>    | white       | 46.2                | 34.4                  | 60             | 123         | 4.2                        | 2.1                           | 3.7                              | 126               |
| Orford                   | white       | 43.1                | 29.1                  | 62             | 118         | 4.2                        | 4.0                           | 4.0                              | 99                |
| <b>Means</b>             |             | 43.6                | 31.4                  | 59             | 114         | 5.1                        | 5.0                           | 4.7                              | 4.05 t/ha         |
| <b>Locations</b>         |             | 3                   | 3                     | 3              | 2           | 2                          | 3                             | 1                                | 1                 |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> For ratings 0-9, a high score is undesirable.

<sup>⓪</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

## Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Hull Colour           | Variety                  | 5-Year Index Fungicides |      | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|-----------------------|--------------------------|-------------------------|------|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|                       |                          | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| white                 | OAC Markdale             | 82*                     | 98   | 80                      | 97   | 80                      | 97   | 83                      | 104  | 88                    | 106  |
|                       | RC Amaze                 | 94                      | 112  | 93                      | 114  | 97                      | 116  | 90                      | 110  | 98                    | 115  |
|                       | AAC Bullet               | 91                      | 112  | 90                      | 113  | 93                      | 114  | 85                      | 111  | 90                    | 113  |
|                       | CDC Orrin                |                         |      |                         |      | 90                      | 107  | 88                      | 111  | 78                    | 102  |
|                       | AAC Richmond             | 89                      | 105  | 88                      | 105  | 90                      | 107  | 87                      | 107  | 83                    | 108  |
|                       | AAC Oaklin               | 85                      | 106  | 83                      | 107  | 86                      | 107  | 77                      | 104  | 82                    | 108  |
|                       | AAC Stature <sup>⓪</sup> |                         |      | 97                      | 107  | 91                      | 103  | 92                      | 103  | 91                    | 101  |
|                       | AAC Reid <sup>⓪</sup>    |                         |      | 111                     | 117  | 111                     | 116  | 105                     | 113  | 104                   | 117  |
|                       | Orford                   |                         |      |                         |      | 94                      | 107  | 91                      | 109  | 83                    | 103  |
| <b>Means (t/ha)</b>   |                          | 4.08                    | 4.81 | 4.19                    | 4.98 | 4.20                    | 4.96 | 4.64                    | 5.65 | 5.28                  | 6.42 |
| <b>Means (bu/ac)</b>  |                          | 107                     | 126  | 110                     | 131  | 110                     | 130  | 122                     | 148  | 139                   | 169  |
| <b>Location-Years</b> |                          |                         | 9    |                         | 8    |                         | 6    |                         | 4    |                       | 2    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Rust races have overcome genetic resistance in the past 13 years, with some varieties being significantly impacted.

<sup>⓪</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

## Cumulative Lodging Score<sup>1</sup> Summary – Intensive Trials

| Hull Colour           | Variety                  | 5-Year Lodging Score Fungicides |     | 4-Year Lodging Score Fungicides |     | 3-Year Lodging Score Fungicides |     | 2-Year Lodging Score Fungicides |     | 2022 Lodging Score Fungicides |     |
|-----------------------|--------------------------|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|-------------------------------|-----|
|                       |                          | No                              | Yes | No                              | Yes | No                              | Yes | No                              | Yes | No                            | Yes |
| white                 | OAC Markdale             | 4.3*                            | 1.6 | 4.9                             | 1.8 | 4.5                             | 2.2 | 3.4                             | 1.2 | 5.2                           | 2.2 |
|                       | RC Amaze                 | 4.4                             | 1.2 | 4.2                             | 1.0 | 3.0                             | 0.8 | 1.5                             | 0.2 | 3.0                           | 0.3 |
|                       | AAC Bullet               | 4.1                             | 1.2 | 4.6                             | 1.3 | 4.3                             | 1.5 | 3.7                             | 1.1 | 5.2                           | 1.8 |
|                       | CDC Orrin                |                                 |     |                                 |     | 4.0                             | 2.0 | 3.3                             | 1.4 | 4.8                           | 2.5 |
|                       | AAC Richmond             | 4.9                             | 2.9 | 5.5                             | 3.4 | 5.7                             | 4.1 | 4.8                             | 3.5 | 6.8                           | 4.5 |
|                       | AAC Oaklin               | 5.8                             | 1.4 | 6.2                             | 1.3 | 6.2                             | 1.5 | 5.8                             | 1.1 | 6.7                           | 2.2 |
|                       | AAC Stature <sup>⓪</sup> |                                 |     | 3.6                             | 2.5 | 4.0                             | 3.3 | 2.9                             | 2.4 | 5.5                           | 4.8 |
|                       | AAC Reid <sup>⓪</sup>    |                                 |     | 2.1                             | 1.3 | 2.9                             | 1.7 | 2.3                             | 1.3 | 4.2                           | 2.7 |
|                       | Orford                   |                                 |     |                                 |     | 3.7                             | 3.4 | 2.5                             | 2.3 | 4.2                           | 3.5 |
| <b>Means</b>          |                          | 4.0                             | 1.9 | 4.3                             | 2.0 | 4.1                             | 2.4 | 3.1                             | 1.6 | 4.4                           | 2.4 |
| <b>Location-Years</b> |                          |                                 | 8   |                                 | 7   |                                 | 5   |                                 | 4   |                               | 2   |

<sup>1</sup> Lodging scores range from 0 to 9. A high score is undesirable.

\* Cultivar lodging rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

<sup>⓪</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

Varietal Characteristics<sup>1</sup>

| Cultivar                 | Hull Colour | Test Weight (kg/hL) | 1000 Kernel Weight(g) | Heading (days) | Maturity (days) | Height (cm) | Lodging <sup>2</sup> (0-9) | Crown <sup>2</sup> Rust (0-9) | Straw Yield Index |
|--------------------------|-------------|---------------------|-----------------------|----------------|-----------------|-------------|----------------------------|-------------------------------|-------------------|
| OAC Markdale             | white       | 42.3                | 25.6                  | 56             | 86              | 106         | 4.5                        | 6.2                           | 97                |
| RC Amaze                 | white       | 44.2                | 28.8                  | 54             | 86              | 103         | 4.5                        | 7.0                           | 99                |
| Avatar                   | white       | 41.0                | 22.0                  | 59             | 86              | 106         | 6.7                        | 7.3                           | 45                |
| AAC Bullet               | white       | 43.8                | 29.0                  | 59             | 87              | 97          | 4.3                        | 6.8                           | 80                |
| CDC Orrin                | white       | 41.6                | 26.0                  | 60             | 88              | 108         | 4.3                        | 5.8                           | 96                |
| AAC Richmond             | white       | 41.0                | 25.5                  | 65             | 94              | 110         | 4.0                        | 5.7                           | 102               |
| AAC Oaklin               | white       | 41.3                | 26.2                  | 58             | 86              | 103         | 4.7                        | 6.8                           | 88                |
| Kalio <sup>Ⓢ</sup>       | white       | 44.2                | 27.3                  | 58             | 87              | 108         | 4.0                        | 5.5                           | 97                |
| AAC Stature <sup>Ⓢ</sup> | white       | 46.1                | 25.7                  | 58             | 90              | 89          | 4.3                        | 4.8                           | 100               |
| AAC Reid <sup>Ⓢ</sup>    | white       | 47.3                | 29.5                  | 61             | 94              | 113         | 2.0                        | 2.3                           | 149               |
| Alise                    | white       | 39.0                | 25.2                  | 61             | 88              | 109         | 4.5                        | 6.7                           | 106               |
| Orford                   | white       | 45.1                | 26.8                  | 61             | 93              | 109         | 2.8                        | 5.0                           | 132               |
| Nika <sup>Ⓢ</sup>        | white       | 42.5                | 27.0                  | 61             | 87              | 107         | 4.0                        | 5.3                           | 109               |
| <b>Means</b>             |             | 43.0                | 26.5                  | 59             | 89              | 105         | 4.2                        | 5.8                           | 4.11 t/ha         |
| <b>Locations</b>         |             | 2                   | 2                     | 2              | 1               | 2           | 2                          | 2                             | 1                 |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> For ratings 0-9, a high score is undesirable.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Hull Colour | Variety                  | 5-Year Index Fungicides |      | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|-------------|--------------------------|-------------------------|------|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|             |                          | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| white       | OAC Markdale             | 83*                     | 99   | 79                      | 100  | 78                      | 98   | 68                      | 100  | 58                    | 105  |
|             | RC Amaze                 | 87                      | 110  | 84                      | 112  | 83                      | 116  | 77                      | 126  | 80                    | 146  |
|             | Avatar                   | 82                      | 103  | 77                      | 103  | 77                      | 100  | 66                      | 99   | 40                    | 87   |
|             | AAC Bullet               | 88                      | 104  | 85                      | 106  | 81                      | 105  | 77                      | 110  | 67                    | 120  |
|             | CDC Orrin                | 95                      | 107  | 93                      | 109  | 88                      | 108  | 77                      | 108  | 63                    | 104  |
|             | AAC Richmond             | 89                      | 106  | 87                      | 108  | 87                      | 106  | 78                      | 106  | 56                    | 105  |
|             | AAC Oaklin               | 83                      | 102  | 79                      | 103  | 74                      | 100  | 69                      | 106  | 61                    | 116  |
|             | Kalio <sup>Ⓢ</sup>       |                         |      | 97                      | 109  | 94                      | 109  | 88                      | 114  | 81                    | 126  |
|             | AAC Stature <sup>Ⓢ</sup> |                         |      |                         |      | 94                      | 108  | 91                      | 117  | 97                    | 138  |
|             | AAC Reid <sup>Ⓢ</sup>    |                         |      |                         |      | 109                     | 121  | 111                     | 131  | 113                   | 146  |
|             | Alise                    |                         |      |                         |      | 86                      | 107  | 80                      | 112  | 60                    | 110  |
|             | Orford                   |                         |      |                         |      | 98                      | 110  | 95                      | 114  | 93                    | 115  |
|             | Nika <sup>Ⓢ</sup>        |                         |      |                         |      |                         |      | 94                      | 122  | 84                    | 135  |
|             | <b>Means (t/ha)</b>      | 4.07                    | 4.83 | 4.20                    | 5.11 | 4.05                    | 4.98 | 4.27                    | 5.71 | 3.43                  | 5.55 |
|             | <b>Means (bu/ac)</b>     | 107                     | 127  | 110                     | 134  | 106                     | 131  | 112                     | 150  | 90                    | 146  |
|             | <b>Location-Years</b>    |                         | 5    |                         | 4    |                         | 3    |                         | 2    |                       | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Rust races have overcome genetic resistance in the past 13 years, with some varieties being significantly impacted.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

## OATS — AREA III (continued)

Cumulative Lodging Score<sup>1</sup> Summary – Intensive Trials

| Hull Colour | Variety                  | 4-Year Lodging Score Fungicides |     | 3-Year Lodging Score Fungicides |     | 2-Year Lodging Score Fungicides |     | 2022 Lodging Score Fungicides |     |
|-------------|--------------------------|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|-------------------------------|-----|
|             |                          | No                              | Yes | No                              | Yes | No                              | Yes | No                            | Yes |
| white       | OAC Markdale             | 3.5*                            | 1.4 | 3.9                             | 1.6 | 4.7                             | 1.8 | 9.0                           | 3.7 |
|             | RC Amaze                 | 4.7                             | 2.9 | 4.0                             | 3.5 | 5.5                             | 4.3 | 9.0                           | 1.3 |
|             | Avatar                   | 5.8                             | 3.6 | 5.1                             | 3.9 | 5.2                             | 5.0 | 9.0                           | 9.0 |
|             | AAC Bullet               | 3.6                             | 2.2 | 4.3                             | 2.9 | 5.2                             | 3.7 | 8.7                           | 4.0 |
|             | CDC Orrin                | 5.0                             | 2.9 | 5.3                             | 3.4 | 6.0                             | 3.5 | 8.7                           | 5.7 |
|             | AAC Richmond             | 3.0                             | 2.0 | 3.2                             | 2.3 | 4.0                             | 2.3 | 8.0                           | 4.0 |
|             | AAC Oaklin               | 4.8                             | 2.6 | 4.7                             | 2.9 | 4.5                             | 2.7 | 9.0                           | 5.3 |
|             | Kalio <sup>⓪</sup>       | 4.1                             | 1.7 | 4.5                             | 1.9 | 5.0                             | 1.7 | 8.0                           | 1.3 |
|             | AAC Stature <sup>⓪</sup> |                                 |     | 3.9                             | 2.6 | 5.4                             | 3.0 | 8.5                           | 6.0 |
|             | AAC Reid <sup>⓪</sup>    |                                 |     | 2.3                             | 0.9 | 2.0                             | 0.4 | 4.0                           | 0.5 |
|             | Alise                    |                                 |     | 4.2                             | 1.4 | 4.5                             | 1.5 | 9.0                           | 3.0 |
|             | Orford                   |                                 |     | 4.8                             | 3.6 | 5.4                             | 4.3 | 5.5                           | 8.0 |
|             | Nika <sup>⓪</sup>        |                                 |     |                                 |     | 5.3                             | 0.8 | 8.0                           | 1.7 |
|             | <b>Means</b>             | 4.0                             | 2.1 | 3.8                             | 2.3 | 4.4                             | 2.4 | 7.8                           | 3.7 |
|             | <b>Location-Years</b>    |                                 | 4   |                                 | 3   |                                 | 2   |                               | 1   |

<sup>1</sup> Lodging scores range from 0 to 9. A high score is undesirable.

\* Cultivar lodging rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

<sup>⓪</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

## OATS — AREA V

Varietal Characteristics<sup>1</sup>

| Cultivar                  | Hull Colour | Test Weight (kg/hL) | 1000 Kernel Weight(g) | Heading (days) | Maturity (days) | Height (cm) | Lodging <sup>2</sup> (0-9) | Barley Yellow <sup>2</sup> Dwarf Virus (0-9) | Straw Yield Index |
|---------------------------|-------------|---------------------|-----------------------|----------------|-----------------|-------------|----------------------------|----------------------------------------------|-------------------|
| Hidalgo                   | white       | 45.9                | 28.9                  | 67             | 97              | 104         | 0.7                        | 2.0                                          | 99                |
| CDC Orrin                 | white       | 46.4                | 31.8                  | 67             | 99              | 118         | 0.0                        | 2.0                                          | 94                |
| AAC Richmond              | white       | 49.3                | 34.4                  | 73             | 100             | 125         | 1.0                        | 1.7                                          | 107               |
| AAC Oaklin                | white       | 48.5                | 31.5                  | 67             | 96              | 113         | 0.0                        | 1.7                                          | 84                |
| Akina <sup>⓪</sup>        | white       | 42.4                | 29.5                  | 67             | 99              | 102         | 1.5                        | 1.5                                          | 72                |
| AAC Nicolas <sup>⓪</sup>  | white       | 44.8                | 30.0                  | 67             | 98              | 110         | 0.0                        | 1.7                                          | 102               |
| Kalio <sup>⓪</sup>        | white       | 47.8                | 32.7                  | 64             | 95              | 112         | 0.3                        | 1.0                                          | 109               |
| CDC Arborg <sup>⓪</sup>   | white       | 45.0                | 31.0                  | 68             | 98              | 110         | 0.0                        | 2.7                                          | 93                |
| AAC Chandler <sup>⓪</sup> | white       | 46.9                | 29.1                  | 71             | 101             | 105         | 0.0                        | 1.3                                          | 99                |
| Alise                     | white       | 45.8                | 33.6                  | 68             | 101             | 118         | 0.0                        | 1.7                                          | 108               |
| Orford                    | white       | 48.4                | 32.2                  | 69             | 101             | 113         | 0.3                        | 1.7                                          | 119               |
| Nika <sup>⓪</sup>         | white       | 46.9                | 32.0                  | 69             | 98              | 114         | 0.7                        | 2.0                                          | 100               |
| Mistral                   | white       | 49.1                | 31.9                  | 65             | 99              | 108         | 0.0                        | 1.7                                          | 115               |
| <b>Means</b>              |             | 46.7                | 31.4                  | 68             | 99              | 112         | 0.3                        | 1.7                                          | 4.94 t/ha         |
| <b>Locations</b>          |             | 1                   | 1                     | 1              | 1               | 1           | 1                          | 1                                            | 1                 |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> For ratings 0-9, a high score is undesirable.

<sup>⓪</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Hull<br>Colour | Variety                   | 5-Year Index<br>Fungicides |      | 4-Year Index<br>Fungicides |      | 3-Year Index<br>Fungicides |      | 2-Year Index<br>Fungicides |      | 2022 Index<br>Fungicides |      |
|----------------|---------------------------|----------------------------|------|----------------------------|------|----------------------------|------|----------------------------|------|--------------------------|------|
|                |                           | No                         | Yes  | No                         | Yes  | No                         | Yes  | No                         | Yes  | No                       | Yes  |
| white          | Hidalgo                   | 95*                        | 99   | 94                         | 97   | 91                         | 96   | 99                         | 99   | 98                       | 97   |
|                | CDC Orrin                 | 96                         | 95   | 95                         | 93   | 94                         | 93   | 90                         | 91   | 85                       | 83   |
|                | AAC Richmond              | 105                        | 106  | 105                        | 104  | 105                        | 103  | 105                        | 104  | 105                      | 101  |
|                | AAC Oaklin                | 93                         | 96   | 93                         | 97   | 93                         | 96   | 93                         | 96   | 101                      | 100  |
|                | Akina <sup>Ⓢ</sup>        | 99                         | 98   | 99                         | 98   | 98                         | 98   | 96                         | 97   | 96                       | 97   |
|                | AAC Nicolas <sup>Ⓢ</sup>  | 104                        | 105  | 104                        | 105  | 107                        | 109  | 108                        | 108  | 106                      | 107  |
|                | Kalio <sup>Ⓢ</sup>        | 100                        | 104  | 101                        | 104  | 101                        | 105  | 103                        | 102  | 103                      | 96   |
|                | CDC Arborg <sup>Ⓢ</sup>   |                            |      | 96                         | 94   | 93                         | 93   | 96                         | 93   | 89                       | 80   |
|                | AAC Chandler <sup>Ⓢ</sup> |                            |      | 101                        | 105  | 103                        | 107  | 101                        | 105  | 108                      | 112  |
|                | Alise                     |                            |      |                            |      | 95                         | 99   | 95                         | 101  | 94                       | 94   |
|                | Orford                    |                            |      |                            |      | 92                         | 91   | 94                         | 90   | 97                       | 88   |
|                | Nika <sup>Ⓢ</sup>         |                            |      |                            |      |                            |      | 106                        | 107  | 111                      | 109  |
|                | Mistral                   |                            |      |                            |      |                            |      | 103                        | 95   | 113                      | 101  |
| Means (t/ha)   |                           | 5.34                       | 5.45 | 5.59                       | 5.65 | 5.71                       | 5.83 | 6.23                       | 6.23 | 7.12                     | 6.80 |
| Means (bu/ac)  |                           | 140                        | 143  | 147                        | 148  | 150                        | 153  | 164                        | 164  | 187                      | 179  |
| Location-Years |                           |                            | 5    |                            | 4    |                            | 3    |                            | 2    |                          | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Rust races have overcome genetic resistance in the past 13 years, with some varieties being significantly impacted.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

Cumulative Lodging Score<sup>1</sup> Summary – Intensive Trials

| Hull<br>Colour | Variety                   | 4-Year Lodging Score<br>Fungicides |     | 3-Year Lodging Score<br>Fungicides |     | 2-Year Lodging Score<br>Fungicides |     | 2022 Lodging Score<br>Fungicides |     |
|----------------|---------------------------|------------------------------------|-----|------------------------------------|-----|------------------------------------|-----|----------------------------------|-----|
|                |                           | No                                 | Yes | No                                 | Yes | No                                 | Yes | No                               | Yes |
| white          | Hidalgo                   | 1.7*                               | 1.2 | 2.2                                | 1.6 | 1.8                                | 1.3 | 0.7                              | 0.0 |
|                | CDC Orrin                 | 0.8                                | 1.3 | 0.9                                | 1.5 | 0.7                                | 1.2 | 0.0                              | 0.0 |
|                | AAC Richmond              | 2.3                                | 1.6 | 2.1                                | 1.2 | 2.0                                | 1.2 | 1.0                              | 0.0 |
|                | AAC Oaklin                | 0.9                                | 1.3 | 1.2                                | 1.6 | 1.7                                | 1.7 | 0.0                              | 0.0 |
|                | Akina <sup>Ⓢ</sup>        | 0.9                                | 0.4 | 1.2                                | 0.6 | 1.8                                | 0.5 | 1.5                              | 0.0 |
|                | AAC Nicolas <sup>Ⓢ</sup>  | 0.6                                | 0.7 | 0.9                                | 1.0 | 1.2                                | 0.8 | 0.0                              | 0.0 |
|                | Kalio <sup>Ⓢ</sup>        | 2.1                                | 2.1 | 2.6                                | 2.6 | 1.8                                | 2.5 | 0.3                              | 0.0 |
|                | CDC Arborg <sup>Ⓢ</sup>   | 0.5                                | 0.6 | 0.5                                | 0.8 | 0.5                                | 1.0 | 0.0                              | 0.0 |
|                | AAC Chandler <sup>Ⓢ</sup> | 1.1                                | 0.9 | 1.4                                | 1.2 | 1.5                                | 1.5 | 0.0                              | 0.0 |
|                | Alise                     |                                    |     | 0.8                                | 0.3 | 0.8                                | 0.5 | 0.0                              | 0.0 |
|                | Orford                    |                                    |     | 2.7                                | 2.9 | 2.2                                | 2.2 | 0.3                              | 0.7 |
|                | Nika <sup>Ⓢ</sup>         |                                    |     |                                    |     | 1.1                                | 0.5 | 0.7                              | 0.0 |
|                | Mistral                   |                                    |     |                                    |     | 1.5                                | 1.0 | 0.0                              | 0.0 |
| Means          |                           | 1.3                                | 1.3 | 1.5                                | 1.4 | 1.4                                | 1.3 | 0.3                              | 0   |
| Location-Years |                           |                                    | 4   |                                    | 3   |                                    | 2   |                                  | 1   |

<sup>1</sup> Lodging scores range from 0 to 9. A high score is undesirable.

\* Cultivar lodging rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

SPRING BARLEY

Cumulative Yield Index<sup>1</sup> Summary of Areas II, III & V

| Variety         | Area II           |      |      |      |      | Area III          |      |      |      |      | Area V            |      |      |      |      |
|-----------------|-------------------|------|------|------|------|-------------------|------|------|------|------|-------------------|------|------|------|------|
|                 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 |
| 2 Rowed         |                   |      |      |      |      |                   |      |      |      |      |                   |      |      |      |      |
| Bornholm        | 102               | 101  | 101  | 99   | 97   | 99                | 97   | 97   | 97   | 101  |                   | 99   | 100  | 101  | 98   |
| Corzo☉          |                   |      |      |      |      | 98                | 97   | 96   | 95   | 97   | 94                | 94   | 91   | 89   | 86   |
| AAC Synergy☉    |                   |      | 99   | 102  | 99   | 94                | 95   | 95   | 95   | 94   |                   | 100  | 99   | 97   | 98   |
| Esma☉           |                   |      | 104  | 104  | 109  |                   |      | 98   | 96   | 98   |                   |      | 110  | 107  | 113  |
| KWS Kellie☉     |                   |      | 88   | 86   | 87   |                   |      | 84   | 79   | 69   |                   |      |      |      |      |
| Elegancia☉      |                   |      |      |      |      |                   |      |      | 93   | 95   |                   |      |      | 91   | 90   |
| Claymore☉       |                   |      |      |      | 93   |                   |      |      |      | 80   |                   |      |      |      | 93   |
| 6 Rowed         |                   |      |      |      |      |                   |      |      |      |      |                   |      |      |      |      |
| Dignity         | 100               | 102  | 104  | 104  | 103  | 98                | 100  | 99   | 97   | 100  |                   |      |      |      |      |
| OCEANIK         |                   |      |      |      |      | 105               | 102  | 102  | 102  | 99   | 102               | 103  | 101  | 103  | 106  |
| Harmony         |                   |      |      |      |      | 108               | 106  | 107  | 108  | 106  | 95                | 92   | 91   | 88   | 74   |
| Amberly         | 103               | 102  | 102  | 101  | 102  | 104               | 105  | 105  | 105  | 104  | 106               | 104  | 106  | 108  | 108  |
| HY 621-6R       | 102               | 101  | 103  | 102  | 101  | 102               | 100  | 101  | 103  | 104  |                   | 98   | 102  | 107  | 107  |
| Chambly         |                   |      |      |      |      | 106               | 105  | 107  | 108  | 109  | 100               | 100  | 103  | 102  | 98   |
| AAC Vitality☉   | 101               | 101  | 101  | 101  | 100  | 106               | 107  | 107  | 105  | 102  | 107               | 108  | 109  | 108  | 110  |
| AAC Montrose☉   |                   |      |      |      |      |                   |      |      |      |      | 98                | 98   | 94   | 101  | 104  |
| Baden           | 105               | 105  | 106  | 104  | 103  | 107               | 107  | 107  | 106  | 104  | 102               | 102  | 104  | 104  | 104  |
| DS8126RB        | 111               | 111  | 112  | 113  | 113  | 112               | 111  | 114  | 113  | 111  |                   | 108  | 105  | 107  | 114  |
| AAC Bloomfield☉ |                   |      |      |      |      | 96                | 98   | 97   | 98   | 100  | 104               | 104  | 103  | 106  | 108  |
| Doriane☉        |                   |      |      |      |      |                   | 107  | 108  | 107  | 108  |                   | 106  | 104  | 108  | 106  |
| Rafale          |                   |      | 102  | 103  | 102  |                   | 101  | 101  | 106  | 107  |                   | 99   | 101  | 100  | 99   |
| Ariber☉         |                   |      |      |      | 102  |                   |      | 104  | 106  | 105  |                   |      | 112  | 112  | 109  |
| Massy☉          |                   | 101  | 99   | 97   |      |                   |      | 105  | 106  | 102  |                   |      |      |      | 99   |
| Tsunami         |                   |      | 103  | 102  |      |                   |      |      | 104  | 108  |                   |      |      | 100  | 96   |
| Celesta☉        |                   |      |      |      |      |                   |      |      |      | 103  |                   |      |      |      | 87   |
| Means (t/ha)    | 4.79              | 5.03 | 4.94 | 5.34 | 6.26 | 4.78              | 5.27 | 5.03 | 5.31 | 5.81 | 5.39              | 5.74 | 6.06 | 6.96 | 7.07 |
| Means (bu/ac)   | 89                | 94   | 92   | 99   | 116  | 89                | 98   | 94   | 99   | 108  | 100               | 107  | 113  | 129  | 132  |
| Locations       | 14                | 12   | 9    | 6    | 3    | 12                | 9    | 6    | 5    | 3    | 9                 | 7    | 4    | 2    | 1    |

1 Values differing by less than 3 within a column may not represent true differences in yield.  
2 Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years.  
☉ = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

SPRING BARLEY — AREA II

Varietal Characteristics<sup>1</sup>

| Cultivar      | Class | Test Weight (kg/hL) | 1000 Kernel Weight(g) | Height (cm) | Lodging <sup>2</sup> (0-9) | Heading (days) | Leaf <sup>2</sup> Rust (0-9) | Net <sup>2</sup> Blotch (0-9) | Spot <sup>2</sup> Blotch (0-9) | Straw Yield Index |
|---------------|-------|---------------------|-----------------------|-------------|----------------------------|----------------|------------------------------|-------------------------------|--------------------------------|-------------------|
| Bornholm      | 2R    | 71.2                | 51.1                  | 71          | 0.0                        | 51             | 2.0                          | 0.0                           | 2.5                            | 66                |
| AAC Synergy☉  | 2R    | 66.0                | 47.8                  | 74          | 0.3                        | 55             | 1.0                          | 0.3                           | 1.0                            | 86                |
| Esma☉         | 2R    | 66.8                | 54.1                  | 63          | 0.0                        | 56             | 0.5                          | 0.3                           | 4.0                            | 73                |
| KWS Kellie☉   | 2R    | 59.7                | 42.0                  | 61          | 7.0                        | 57             | 0.0                          | 7.2                           | 0.0                            | 68                |
| Claymore☉     | 2R    | 66.1                | 45.6                  | 74          | 0.0                        | 57             | 3.0                          | 1.5                           | 0.0                            | 106               |
| Dignity       | 6R    | 65.8                | 46.2                  | 84          | 0.0                        | 52             | 5.0                          | 0.0                           | 1.0                            | 97                |
| Amberly       | 6R    | 65.1                | 47.7                  | 89          | 1.3                        | 55             | 3.5                          | 1.0                           | 0.0                            | 138               |
| HY 621-6R     | 6R    | 65.2                | 47.5                  | 83          | 1.0                        | 49             | 0.0                          | 0.5                           | 1.5                            | 98                |
| AAC Vitality☉ | 6R    | 61.3                | 43.5                  | 87          | 4.3                        | 55             | 2.5                          | 2.5                           | 0.0                            | 103               |
| Baden         | 6R    | 65.3                | 40.8                  | 68          | 0.7                        | 51             | 4.0                          | 1.8                           | 0.0                            | 100               |
| DS8126RB      | 6R    | 65.5                | 46.3                  | 80          | 1.7                        | 52             | 4.0                          | 0.0                           | 2.0                            | 117               |
| Rafale        | 6R    | 67.6                | 44.6                  | 91          | 0.7                        | 53             | 1.5                          | 1.8                           | 0.0                            | 96                |
| Ariber☉       | 6R    | 62.5                | 46.4                  | 82          | 3.3                        | 54             | 1.0                          | 1.3                           | 0.0                            | 88                |
| Massy☉        | 6R    | 65.1                | 45.9                  | 89          | 0.3                        | 53             | 3.5                          | 2.5                           | 0.0                            | 123               |
| Tsunami       | 6R    | 64.8                | 45.6                  | 88          | 1.3                        | 54             | 3.0                          | 1.3                           | 2.5                            | 141               |
| Means         |       | 65.2                | 46.3                  | 79          | 1.5                        | 54             | 2.3                          | 1.4                           | 1.0                            | 3.12 t/ha         |
| Locations     |       | 3                   | 3                     | 3           | 1                          | 3              | 1                            | 2                             | 1                              | 1                 |

1 See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.  
2 For ratings 0-9, a high score is undesirable.  
☉ = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

## Varietal Characteristics<sup>1</sup>

| Cultivar         | Class | Test Weight (kg/hL) | 1000 Kernel Weight(g) | Height (cm) | Lodging <sup>2</sup> (0-9) | Heading (days) | Maturity (days) | Straw Yield Index |
|------------------|-------|---------------------|-----------------------|-------------|----------------------------|----------------|-----------------|-------------------|
| Bornholm         | 2R    | 69.6                | 47.6                  | 69          | 2.9                        | 54             | 87              | 84                |
| Corzo            | 2R    | 66.5                | 50.9                  | 79          | 3.1                        | 55             | 89              | 122               |
| AAC Synergy      | 2R    | 60.2                | 42.7                  | 73          | 2.7                        | 57             | 89              | 102               |
| Esma             | 2R    | 63.9                | 45.7                  | 64          | 2.9                        | 56             | 87              | 76                |
| KWS Kellie       | 2R    | 57.7                | 39.0                  | 59          | 2.4                        | 60             | 87              | 89                |
| Elegancia        | 2R    | 64.7                | 51.3                  | 92          | 3.2                        | 54             | 89              | 128               |
| Claymore         | 2R    | 61.4                | 40.8                  | 73          | 2.9                        | 59             | 88              | 101               |
| Dignity          | 6R    | 63.9                | 41.0                  | 82          | 2.3                        | 54             | 89              | 80                |
| OCEANIK          | 6R    | 60.8                | 42.4                  | 87          | 2.6                        | 55             | 88              | 99                |
| Harmony          | 6R    | 62.1                | 45.0                  | 96          | 3.3                        | 56             | 90              | 133               |
| Amberly          | 6R    | 63.2                | 46.5                  | 91          | 2.8                        | 58             | 93              | 93                |
| HY 621-6R        | 6R    | 64.1                | 45.4                  | 80          | 3.3                        | 50             | 88              | 75                |
| Chambly          | 6R    | 62.2                | 45.3                  | 83          | 2.6                        | 55             | 89              | 87                |
| AAC Vitality     | 6R    | 60.0                | 40.8                  | 83          | 3.7                        | 56             | 91              | 125               |
| Baden            | 6R    | 63.9                | 37.1                  | 69          | 2.8                        | 53             | 88              | 99                |
| DS8126RB         | 6R    | 63.6                | 43.6                  | 81          | 3.0                        | 55             | 89              | 73                |
| AAC Bloomfield   | 6R    | 61.1                | 43.6                  | 87          | 4.3                        | 53             | 91              | 97                |
| Doriane          | 6R    | 62.2                | 46.2                  | 88          | 2.6                        | 60             | 91              | 103               |
| Rafale           | 6R    | 65.6                | 42.8                  | 86          | 2.3                        | 54             | 89              | 91                |
| Ariber           | 6R    | 59.8                | 42.3                  | 82          | 2.8                        | 55             | 89              | 96                |
| Massy            | 6R    | 63.3                | 42.3                  | 91          | 2.8                        | 56             | 89              | 115               |
| Tsunami          | 6R    | 63.2                | 44.3                  | 90          | 2.7                        | 56             | 91              | 129               |
| Celesta          | 6R    | 63.1                | 42.7                  | 87          | 2.6                        | 59             | 90              | 103               |
| <b>Means</b>     |       | 62.9                | 43.9                  | 81          | 2.9                        | 56             | 89              | 4.39 t/ha         |
| <b>Locations</b> |       | 3                   | 3                     | 3           | 3                          | 3              | 1               | 1                 |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> For ratings 0-9, a high score is undesirable.

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## SPRING BARLEY — AREA V

### Varietal Characteristics<sup>1</sup>

| Cultivar                    | Class | Test Weight (kg/hL) | 1000 Kernel Weight(g) | Height (cm) | Lodging <sup>2</sup> (0-9) | Heading (days) | Maturity (days) | Barley Yellow <sup>2</sup> Dwarf Virus (0-9) | Straw Yield Index |
|-----------------------------|-------|---------------------|-----------------------|-------------|----------------------------|----------------|-----------------|----------------------------------------------|-------------------|
| Bornholm                    | 2R    | 70.4                | 49.4                  | 72          | 0.0                        | 56             | 81              | 1.0                                          | 111               |
| Corzo <sup>Ⓢ</sup>          | 2R    | 67.2                | 50.4                  | 92          | 2.7                        | 56             | 86              | 1.0                                          | 133               |
| AAC Synergy <sup>Ⓢ</sup>    | 2R    | 65.1                | 44.5                  | 87          | 0.3                        | 57             | 86              | 1.0                                          | 114               |
| Esma <sup>Ⓢ</sup>           | 2R    | 64.6                | 48.8                  | 68          | 0.0                        | 58             | 89              | 1.0                                          | 87                |
| Elegancia <sup>Ⓢ</sup>      | 2R    | 66.7                | 53.5                  | 94          | 0.7                        | 54             | 88              | 1.0                                          | 128               |
| Claymore <sup>Ⓢ</sup>       | 2R    | 64.3                | 42.2                  | 82          | 0.0                        | 59             | 88              | 1.0                                          | 120               |
| OCEANIK                     | 6R    | 62.2                | 45.4                  | 87          | 0.0                        | 57             | 83              | 1.7                                          | 100               |
| Harmony                     | 6R    | 59.9                | 41.0                  | 97          | 0.0                        | 57             | 86              | 2.3                                          | 105               |
| Amberly                     | 6R    | 63.6                | 46.2                  | 103         | 0.0                        | 59             | 93              | 1.0                                          | 101               |
| HY 621-6R                   | 6R    | 65.0                | 48.7                  | 81          | 0.3                        | 52             | 83              | 1.0                                          | 78                |
| Chambly                     | 6R    | 63.0                | 46.4                  | 89          | 0.0                        | 55             | 85              | 1.0                                          | 107               |
| AAC Vitality <sup>Ⓢ</sup>   | 6R    | 61.8                | 44.3                  | 98          | 2.0                        | 58             | 89              | 1.7                                          | 108               |
| AAC Montrose <sup>Ⓢ</sup>   | 6R    | 61.9                | 45.0                  | 100         | 0.0                        | 56             | 86              | 1.7                                          | 92                |
| Baden                       | 6R    | 63.0                | 39.3                  | 68          | 0.0                        | 56             | 84              | 1.0                                          | 62                |
| DS8126RB                    | 6R    | 64.9                | 45.5                  | 87          | 1.7                        | 56             | 87              | 1.0                                          | 95                |
| AAC Bloomfield <sup>Ⓢ</sup> | 6R    | 63.7                | 47.5                  | 93          | 1.7                        | 55             | 91              | 1.0                                          | 91                |
| Doriane <sup>Ⓢ</sup>        | 6R    | 62.5                | 41.4                  | 100         | 0.0                        | 59             | 90              | 2.3                                          | 93                |
| Rafale                      | 6R    | 64.3                | 44.3                  | 94          | 0.0                        | 54             | 86              | 2.3                                          | 95                |
| Ariber <sup>Ⓢ</sup>         | 6R    | 62.6                | 46.6                  | 91          | 0.7                        | 58             | 88              | 1.0                                          | 95                |
| Massy <sup>Ⓢ</sup>          | 6R    | 64.0                | 46.2                  | 97          | 0.0                        | 58             | 85              | 1.7                                          | 106               |
| Tsunami                     | 6R    | 61.7                | 43.0                  | 90          | 0.0                        | 58             | 86              | 1.7                                          | 87                |
| Celesta <sup>Ⓢ</sup>        | 6R    | 63.2                | 39.9                  | 92          | 0.0                        | 59             | 86              | 3.0                                          | 91                |
| <b>Means</b>                |       | 63.9                | 45.4                  | 89          | 0.5                        | 57             | 87              | 1.4                                          | 3.84 t/ha         |
| <b>Locations</b>            |       | 1                   | 1                     | 1           | 1                          | 1              | 1               | 1                                            | 1                 |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> For ratings 0-9, a high score is undesirable.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

## SPRING WHEAT

### Cumulative Yield Index<sup>1</sup> Summary of Areas II, III & V

| Cultivar                | Class | Area II           |      |      |      |      | Area III          |      |      |      |      | Area V            |      |      |      |      |
|-------------------------|-------|-------------------|------|------|------|------|-------------------|------|------|------|------|-------------------|------|------|------|------|
|                         |       | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 | 5 yr <sup>2</sup> | 4 yr | 3 yr | 2 yr | 2022 |
| Furano                  | HRS   |                   |      |      |      |      | 96                | 95   | 93   | 92   | 97   | 100               | 100  | 99   | 95   | 97   |
| MAJOR                   | HRS   |                   |      |      |      |      | 100               | 100  | 99   | 100  | 100  | 102               | 103  | 101  | 94   | 90   |
| Fuzion                  | HRS   |                   |      |      |      |      | 96                | 97   | 98   | 97   | 98   | 100               | 99   | 99   | 100  | 101  |
| Wilkin <sup>Ⓢ</sup>     | HRS   | 108               | 108  | 106  | 105  | 116  | 102               | 101  | 100  | 101  | 104  | 93                | 92   | 93   | 98   | 100  |
| AAC Scotia <sup>Ⓢ</sup> | HRS-a | 97                | 97   | 97   | 100  | 95   | 102               | 102  | 103  | 104  | 103  | 111               | 111  | 112  | 109  | 108  |
| TOPAZE                  | HRS-a |                   |      |      |      |      |                   |      |      | 86   | 75   |                   |      |      |      |      |
| Raven <sup>Ⓢ</sup>      | HRS-a | 113               | 113  | 113  | 115  | 116  | 106               | 107  | 104  | 104  | 104  | 106               | 107  | 106  | 104  | 109  |
| Ventry                  | HRS-a | 105               | 104  | 104  | 104  | 107  | 102               | 101  | 101  | 100  | 106  |                   |      |      |      |      |
| AAC Synox <sup>Ⓢ</sup>  | HRS-a |                   |      |      |      |      | 102               | 102  | 104  | 105  | 108  | 92                | 91   | 94   | 98   | 105  |
| Maida <sup>Ⓢ</sup>      | HRS-a |                   |      |      |      |      |                   |      | 99   | 98   | 95   |                   |      | 109  | 102  | 97   |
| Agora                   | HRS   |                   |      | 95   | 95   | 98   |                   |      | 100  | 99   | 98   |                   |      | 97   | 100  | 109  |
| AAC Harlaka             | HRS-a |                   |      | 98   | 101  | 101  |                   |      | 101  | 101  | 104  |                   |      | 91   | 97   | 100  |
| Starlite <sup>Ⓢ</sup>   | HRS   |                   |      |      | 95   | 94   |                   |      |      | 101  | 103  |                   |      |      | 96   | 88   |
| Arvida <sup>Ⓢ</sup>     | HRS   |                   |      |      | 99   | 97   |                   |      |      | 106  | 105  |                   |      |      | 106  | 102  |
| Dagon <sup>Ⓢ</sup>      | EFS-a |                   |      |      |      |      | 106               | 106  | 105  | 106  | 110  | 103               | 105  | 107  | 99   | 96   |
| Evora <sup>Ⓢ</sup>      | EFS-a |                   |      |      | 86   | 75   |                   |      |      | 102  | 92   |                   |      |      |      |      |
| <b>Means (t/ha)</b>     |       | 4.56              | 4.61 | 4.47 | 4.82 | 5.45 | 3.76              | 4.00 | 3.86 | 3.93 | 4.12 | 4.09              | 4.27 | 4.23 | 4.31 | 5.02 |
| <b>Means (bu/ac)</b>    |       | 68                | 69   | 66   | 72   | 81   | 56                | 60   | 57   | 59   | 61   | 61                | 64   | 63   | 64   | 75   |
| <b>Locations</b>        |       | 13                | 12   | 9    | 6    | 3    | 13                | 10   | 7    | 6    | 3    | 11                | 8    | 5    | 3    | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

<sup>2</sup> Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

## Varietal Characteristics<sup>1</sup>

| Cultivar                | Class | Fusarium Data                         |                         |       | Test Weight (kg/hL) | Protein (%) | 1000 Kernel Weight (g) | Lodging <sup>3</sup> (0-9) | Height (cm) | Heading (days) | Maturity (days) | Mildew <sup>3</sup> (0-9) | Leaf <sup>3</sup> Rust (0-9) | Stripe <sup>3</sup> Rust Index | Straw Yield |
|-------------------------|-------|---------------------------------------|-------------------------|-------|---------------------|-------------|------------------------|----------------------------|-------------|----------------|-----------------|---------------------------|------------------------------|--------------------------------|-------------|
|                         |       | Combined <sup>2</sup> Fusarium Rating | DON <sup>2</sup> Rating | Years |                     |             |                        |                            |             |                |                 |                           |                              |                                |             |
| Wilkin <sup>Ⓢ</sup>     | HRS   | HS                                    | S                       | 6     | 79.2                | 12.9        | 34.8                   | 0.0                        | 92          | 55             | 97              | 0.7                       | 0.7                          | 0.3                            | 96          |
| AAC Scotia <sup>Ⓢ</sup> | HRS-a | MR                                    | MS                      | 6     | 76.0                | 12.7        | 38.7                   | 0.7                        | 121         | 59             | 99              | 1.8                       | 1.2                          | 2.0                            | 96          |
| Raven <sup>Ⓢ</sup>      | HRS-a | MS                                    | S                       | 6     | 80.6                | 12.4        | 37.9                   | 3.0                        | 109         | 57             | 99              | 0.5                       | 0.8                          | 0.0                            | 116         |
| Ventry                  | HRS-a | MS                                    | MR                      | 6     | 80.2                | 13.7        | 42.0                   | 0.0                        | 108         | 54             | 99              | 0.7                       | 1.3                          | 0.0                            | 94          |
| Agora                   | HRS   | S                                     | HS                      | 2     | 81.6                | 13.7        | 37.4                   | 0.0                        | 109         | 56             | 100             | 3.7                       | 1.0                          | 0.0                            | 89          |
| AAC Harlaka             | HRS-a | MS                                    | MS                      | 2     | 80.7                | 14.6        | 36.4                   | 0.0                        | 105         | 55             | 98              | 2.0                       | 0.8                          | 0.0                            | 96          |
| Starlite <sup>Ⓢ</sup>   | HRS   | HS                                    | HS                      | 1     | 79.0                | 13.7        | 35.2                   | 0.0                        | 109         | 56             | 98              | 2.2                       | 3.2                          | 0.0                            | 91          |
| Arvida <sup>Ⓢ</sup>     | HRS   | —                                     | —                       | —     | 79.1                | 13.3        | 35.7                   | 0.0                        | 119         | 55             | 96              | 1.3                       | 5.3                          | 1.0                            | 89          |
| Evora <sup>Ⓢ</sup>      | EFS-a | MR                                    | MR                      | 1     | 72.6                | 13.4        | 32.0                   | 0.0                        | 108         | 64             | 104             | 0.7                       | 2.8                          | 0.0                            | 133         |
| <b>Means</b>            |       |                                       |                         |       | 78.8                | 13.3        | 36.7                   | 0.4                        | 109         | 57             | 99              | 1.5                       | 1.9                          | 0.4                            | 3.74 t/ha   |
| <b>Locations</b>        |       |                                       |                         |       | 3                   | 2           | 3                      | 1                          | 2           | 3              | 1               | 2                         | 2                            | 1                              | 1           |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)

<sup>3</sup> For ratings 0-9, a high score is undesirable.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.



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## SPRING WHEAT — AREA II (continued)

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety                         | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|----------------|---------------------------------|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|                |                                 | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| hrs            | Wilkin <sup>Ⓢ</sup>             | 106*                    | 109  | 105                     | 108  | 104                     | 106  | 116                   | 117  |
|                | AAC Scotia (awned) <sup>Ⓢ</sup> | 93                      | 96   | 94                      | 96   | 97                      | 101  | 94                    | 97   |
|                | Raven (awned) <sup>Ⓢ</sup>      | 113                     | 114  | 111                     | 112  | 113                     | 114  | 116                   | 117  |
|                | Ventry (awned)                  | 99                      | 102  | 99                      | 101  | 100                     | 100  | 104                   | 101  |
|                | Agora                           |                         |      | 94                      | 98   | 94                      | 98   | 98                    | 95   |
|                | AAC Harlaka (awned)             |                         |      | 96                      | 96   | 99                      | 97   | 102                   | 98   |
|                | Starlite <sup>Ⓢ</sup>           |                         |      |                         |      | 94                      | 96   | 92                    | 92   |
|                | Arvida <sup>Ⓢ</sup>             |                         |      |                         |      | 100                     | 106  | 100                   | 106  |
| efs            | Evora (awned) <sup>Ⓢ</sup>      |                         |      |                         |      | 84                      | 95   | 72                    | 84   |
| Means (t/ha)   |                                 | 4.39                    | 4.62 | 4.26                    | 4.41 | 4.56                    | 4.72 | 4.79                  | 4.85 |
| Means (bu/ac)  |                                 | 65                      | 69   | 63                      | 66   | 68                      | 70   | 71                    | 72   |
| Location-Years |                                 | 8                       |      | 6                       |      | 4                       |      | 2                     |      |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

## SPRING WHEAT — AREA III

Varietal Characteristics<sup>1</sup>

| Variety                 | Class | Fusarium Data                |                         |       | Test Weight (kg/hL) | Protein (%) | 1000 Kernel Weight (g) | Lodging <sup>3</sup> (0-9) | Height (cm) | Heading (days) | Maturity (days) | Mildew <sup>3</sup> (0-9) | Leaf <sup>3</sup> Rust (0-9) | Leaf <sup>3</sup> Septoria (0-9) | Straw Yield Index |
|-------------------------|-------|------------------------------|-------------------------|-------|---------------------|-------------|------------------------|----------------------------|-------------|----------------|-----------------|---------------------------|------------------------------|----------------------------------|-------------------|
|                         |       | Combined <sup>2</sup> Rating | DON <sup>2</sup> Rating | Years |                     |             |                        |                            |             |                |                 |                           |                              |                                  |                   |
| Furano                  | HRS   | MS                           | MS                      | 6     | 78.4                | 14.1        | 34.7                   | 1.8                        | 112         | 59             | 93              | 4.5                       | 1.8                          | 3.7                              | 91                |
| MAJOR                   | HRS   | MR                           | MS                      | 6     | 77.9                | 14.5        | 36.1                   | 0.3                        | 112         | 61             | 91              | 2.2                       | 0.8                          | 3.2                              | 100               |
| Fuzion                  | HRS   | MS                           | MS                      | 6     | 76.3                | 14.0        | 33.5                   | 4.5                        | 118         | 56             | 88              | 2.7                       | 2.2                          | 4.8                              | 106               |
| Wilkin <sup>Ⓢ</sup>     | HRS   | HS                           | S                       | 6     | 74.4                | 13.5        | 31.3                   | 1.8                        | 90          | 53             | 89              | 2.5                       | 2.5                          | 4.8                              | 91                |
| AAC Scotia <sup>Ⓢ</sup> | HRS-a | MR                           | MS                      | 6     | 75.6                | 13.4        | 36.9                   | 5.7                        | 115         | 57             | 89              | 2.8                       | 2.0                          | 4.8                              | 101               |
| TOPAZE                  | HRS-a | MS                           | S                       | 6     | 75.4                | 13.7        | 29.6                   | 1.8                        | 112         | 60             | 94              | 3.8                       | 3.8                          | 4.2                              | 103               |
| Raven <sup>Ⓢ</sup>      | HRS-a | MS                           | S                       | 6     | 76.9                | 13.4        | 34.7                   | 5.2                        | 105         | 56             | 92              | 2.5                       | 2.3                          | 4.3                              | 118               |
| Ventry                  | HRS-a | MS                           | MR                      | 6     | 77.5                | 14.4        | 36.6                   | 1.8                        | 108         | 52             | 88              | 2.3                       | 1.5                          | 4.8                              | 94                |
| AAC Synox <sup>Ⓢ</sup>  | HRS-a | MR                           | MR                      | 4     | 79.9                | 14.2        | 33.7                   | 4.0                        | 107         | 54             | 88              | 2.2                       | 1.3                          | 4.3                              | 89                |
| Maida <sup>Ⓢ</sup>      | HRS-a | S                            | S                       | 2     | 77.4                | 13.5        | 33.6                   | 2.5                        | 115         | 59             | 94              | 3.0                       | 2.7                          | 4.5                              | 115               |
| Agora                   | HRS   | S                            | HS                      | 2     | 77.9                | 14.4        | 33.4                   | 3.2                        | 110         | 54             | 91              | 2.0                       | 2.8                          | 4.5                              | 102               |
| AAC Harlaka             | HRS-a | MS                           | MS                      | 2     | 78.5                | 14.8        | 35.8                   | 2.7                        | 109         | 53             | 87              | 2.7                       | 1.3                          | 4.7                              | 92                |
| Starlite <sup>Ⓢ</sup>   | HRS   | HS                           | HS                      | 1     | 78.5                | 14.3        | 36.9                   | 1.5                        | 111         | 55             | 87              | 3.3                       | 3.5                          | 4.2                              | 113               |
| Arvida <sup>Ⓢ</sup>     | HRS   | —                            | —                       | —     | 78.2                | 13.6        | 35.4                   | 2.3                        | 118         | 53             | 88              | 2.8                       | 2.8                          | 4.5                              | 88                |
| Dagon <sup>Ⓢ</sup>      | EFS-a | MS                           | MS                      | 5     | 76.9                | 13.3        | 30.4                   | 1.8                        | 100         | 57             | 91              | 3.0                       | 1.3                          | 4.3                              | 91                |
| Evora <sup>Ⓢ</sup>      | EFS-a | MR                           | MR                      | 1     | 76.3                | 14.4        | 33.4                   | 7.0                        | 116         | 62             | 93              | 3.0                       | 1.8                          | 5.3                              | 104               |
| Means                   |       |                              |                         |       | 77.2                | 14.0        | 34.1                   | 3.0                        | 110         | 56             | 90              | 2.8                       | 2.2                          | 4.4                              | 5.12 t/ha         |
| Locations               |       |                              |                         |       | 3                   | 3           | 3                      | 2                          | 3           | 3              | 1               | 2                         | 2                            | 2                                | 1                 |

<sup>1</sup> See Head to Head comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)

<sup>3</sup> For ratings 0-9, a high score is undesirable.

<sup>Ⓢ</sup> = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety             | 5-Year Index Fungicides |      | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|----------------|---------------------|-------------------------|------|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|                |                     | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| hrs            | Furano              | 102*                    | 107  | 102                     | 107  | 102                     | 109  | 103                     | 113  | 108                   | 117  |
|                | MAJOR               | 96                      | 101  | 98                      | 102  | 95                      | 100  | 97                      | 102  | 98                    | 101  |
|                | Fuzion              | 93                      | 97   | 94                      | 98   | 95                      | 99   | 93                      | 98   | 89                    | 94   |
|                | Wilkin☉             | 98                      | 103  | 95                      | 102  | 95                      | 103  | 95                      | 104  | 98                    | 109  |
|                | AAC Scotia☉ (awned) | 98                      | 105  | 98                      | 105  | 97                      | 106  | 98                      | 109  | 98                    | 110  |
|                | TOPAZE (awned)      |                         |      |                         |      |                         |      | 81                      | 98   | 68                    | 96   |
|                | Raven☉ (awned)      | 103                     | 106  | 102                     | 104  | 100                     | 103  | 98                      | 102  | 93                    | 103  |
|                | Ventry (awned)      | 96                      | 99   | 95                      | 97   | 98                      | 99   | 95                      | 97   | 98                    | 100  |
|                | AAC Synox☉ (awned)  | 100                     | 104  | 100                     | 104  | 101                     | 105  | 100                     | 106  | 105                   | 109  |
|                | Maida☉ (awned)      |                         |      |                         |      | 98                      | 111  | 95                      | 116  | 87                    | 118  |
|                | Agora               |                         |      |                         |      | 96                      | 101  | 91                      | 99   | 85                    | 95   |
|                | AAC Harlaka (awned) |                         |      |                         |      | 100                     | 102  | 101                     | 105  | 107                   | 109  |
|                | Starlite☉           |                         |      |                         |      |                         |      | 92                      | 98   | 90                    | 96   |
|                | Arvida☉             |                         |      |                         |      |                         |      | 103                     | 109  | 108                   | 119  |
| efs            | Dagon☉ (awned)      | 101                     | 108  | 102                     | 109  | 101                     | 109  | 103                     | 114  | 106                   | 121  |
|                | Evora☉ (awned)      |                         |      |                         |      |                         |      | 89                      | 97   | 80                    | 85   |
| Means (t/ha)   |                     | 4.90                    | 5.22 | 4.91                    | 5.24 | 4.57                    | 4.94 | 5.12                    | 5.63 | 4.70                  | 5.23 |
| Means (bu/ac)  |                     | 73                      | 78   | 73                      | 78   | 68                      | 73   | 76                      | 84   | 70                    | 78   |
| Location-Years |                     |                         | 5    |                         | 4    |                         | 3    |                         | 2    |                       | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

☉ = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

## SPRING WHEAT — AREA V

Varietal Characteristics<sup>1</sup>

| Cultivar    | Class <sup>1</sup> | Fusarium Data         |                         |       | Test Weight (kg/hL) | Protein (%) | 1000 Kernel Weight (g) | Height (cm) | Heading (days) | Maturity (days) | Barley Yellow <sup>3</sup> Dwarf Virus (0-9) | Straw Yield Index |
|-------------|--------------------|-----------------------|-------------------------|-------|---------------------|-------------|------------------------|-------------|----------------|-----------------|----------------------------------------------|-------------------|
|             |                    | Combined <sup>2</sup> |                         | Years |                     |             |                        |             |                |                 |                                              |                   |
|             |                    | Fusarium Rating       | DON <sup>2</sup> Rating |       |                     |             |                        |             |                |                 |                                              |                   |
| Furano      | HRS                | MS                    | MS                      | 6     | 67.2                | 13.4        | 32.6                   | 106         | 59             | 93              | 1.7                                          | 77                |
| MAJOR       | HRS                | MR                    | MS                      | 6     | 66.4                | 13.6        | 31.5                   | 108         | 63             | 95              | 3.3                                          | 96                |
| Fuzion      | HRS                | MS                    | MS                      | 6     | 74.0                | 13.3        | 35.7                   | 115         | 56             | 88              | 1.0                                          | 98                |
| Wilkin☉     | HRS                | HS                    | S                       | 6     | 73.6                | 12.9        | 28.6                   | 92          | 53             | 90              | 1.7                                          | 91                |
| AAC Scotia☉ | HRS-a              | MR                    | MS                      | 6     | 75.9                | 12.4        | 38.7                   | 116         | 58             | 92              | 1.7                                          | 95                |
| Raven☉      | HRS-a              | MS                    | S                       | 6     | 75.9                | 12.5        | 37.4                   | 100         | 57             | 94              | 1.0                                          | 101               |
| AAC Synox☉  | HRS-a              | MR                    | MR                      | 4     | 79.2                | 13.8        | 33.6                   | 104         | 56             | 91              | 1.0                                          | 113               |
| Maida☉      | HRS-a              | S                     | S                       | 2     | 74.3                | 13.4        | 35.1                   | 108         | 60             | 96              | 3.0                                          | 121               |
| Agora       | HRS                | S                     | HS                      | 2     | 77.9                | 13.6        | 33.2                   | 107         | 53             | 94              | 1.0                                          | 104               |
| AAC Harlaka | HRS-a              | MS                    | MS                      | 2     | 78.5                | 14.3        | 34.6                   | 107         | 54             | 85              | 1.0                                          | 106               |
| Starlite☉   | HRS                | HS                    | HS                      | 1     | 75.6                | 14.9        | 34.3                   | 105         | 55             | 85              | 1.7                                          | 113               |
| Arvida☉     | HRS                | —                     | —                       | —     | 77.4                | 13.4        | 33.6                   | 108         | 54             | 84              | 1.0                                          | 99                |
| Dagon☉      | EFS-a              | MS                    | MS                      | 5     | 75.1                | 12.7        | 32.2                   | 94          | 60             | 94              | 2.3                                          | 85                |
| Means       |                    |                       |                         |       | 74.7                | 13.4        | 33.9                   | 105         | 57             | 91              | 1.6                                          | 4.94 t/ha         |
| Locations   |                    |                       |                         |       | 1                   | 1           | 1                      | 1           | 1              | 1               | 1                                            | 1                 |

<sup>1</sup> See Head to Head comparisons on [GoCereals.ca](https://GoCereals.ca) website for multi-year data for trait characteristics.

<sup>2</sup> MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)

<sup>3</sup> For ratings 0-9, a high score is undesirable.

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SPRING WHEAT — AREA V (continued)

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety             | 5-Year Index Fungicides |     | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|----------------|---------------------|-------------------------|-----|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|                |                     | No                      | Yes | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| hrs            | Furano              | 95*                     | 103 | 94                      | 103  | 90                      | 103  | 86                      | 100  | 92                    | 100  |
|                | MAJOR               | 100                     | 103 | 99                      | 103  | 95                      | 103  | 87                      | 99   | 86                    | 98   |
|                | Fuzion              | 96                      | 103 | 94                      | 102  | 91                      | 102  | 91                      | 106  | 96                    | 109  |
|                | Wilkin®             | 89                      | 94  | 89                      | 96   | 88                      | 97   | 94                      | 106  | 95                    | 109  |
|                | AAC Scotia® (awned) | 112                     | 121 | 111                     | 121  | 110                     | 126  | 105                     | 124  | 102                   | 115  |
|                | Raven® (awned)      | 103                     | 105 | 103                     | 104  | 100                     | 104  | 97                      | 103  | 103                   | 106  |
|                | AAC Synox® (awned)  | 92                      | 91  | 92                      | 91   | 94                      | 95   | 97                      | 99   | 100                   | 101  |
|                | Maida® (awned)      |                         |     |                         |      | 110                     | 114  | 98                      | 109  | 92                    | 107  |
|                | Agora               |                         |     |                         |      | 94                      | 99   | 97                      | 104  | 103                   | 111  |
|                | AAC Harlaka (awned) |                         |     |                         |      | 88                      | 93   | 91                      | 100  | 95                    | 102  |
|                | Starlite®           |                         |     |                         |      |                         |      | 93                      | 100  | 84                    | 96   |
|                | Arvida®             |                         |     |                         |      |                         |      | 103                     | 115  | 96                    | 112  |
| efs            | Dagon® (awned)      | 101                     | 104 | 102                     | 105  | 100                     | 106  | 93                      | 102  | 91                    | 99   |
| Means (t/ha)   |                     | 4.01                    | 4.2 | 4.35                    | 4.56 | 4.42                    | 4.82 | 4.7                     | 5.32 | 5.02                  | 5.68 |
| Means (bu/ac)  |                     | 60                      | 62  | 65                      | 68   | 66                      | 72   | 70                      | 79   | 75                    | 85   |
| Location-Years |                     |                         | 5   |                         | 4    |                         | 3    |                         | 2    |                       | 1    |

1 Values differing by less than 3 within a column may not represent true differences in yield.  
 \* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.  
 ® = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit seeds-canada.ca to learn more.

WINTER WHEAT — AREA I & II COMBINED

Cumulative Yield Index<sup>1</sup>

| Class          | Variety                    | 5 year | 4 year | 3 year | 2 year | 2022 |
|----------------|----------------------------|--------|--------|--------|--------|------|
| sww            | Ava                        | 99*    | 98     | 98     | 97     | 97   |
|                | 25W38® (awned)             |        | 105    | 105    | 106    | 100  |
| srw            | Branson®                   | 100    | 99     | 98     | 98     | 97   |
|                | Secord (awned)             | 101    | 101    | 102    | 101    | 100  |
|                | 25R40® (awned)             | 103    | 103    | 103    | 105    | 105  |
|                | Marker                     | 100    | 99     | 100    | 98     | 99   |
|                | UGRC Ring® (awned)         | 101    | 102    | 102    | 100    | 104  |
|                | Cruze (awned)              | 98     | 98     | 98     | 97     | 102  |
|                | B654SRW®                   | 100    | 100    | 99     | 99     | 99   |
|                | 25R61® (awned)             | 100    | 99     | 99     | 98     | 102  |
|                | 25R74® (awned)             | 102    | 101    | 101    | 101    | 103  |
|                | Blaze (awned)              | 104    | 104    | 105    | 104    | 106  |
|                | Hilliard® (awned)          |        | 107    | 107    | 109    | 106  |
|                | OAC Constellation® (awned) |        | 103    | 103    | 104    | 106  |
|                | B700SRW (awned)            |        |        |        | 102    | 104  |
|                | OAC Moon® (awned)          |        |        |        | 103    | 102  |
|                | UGRC Comet®                |        |        |        |        | 98   |
| hrw            | PRO 81® (awned)            | 102    | 103    | 103    | 103    | 101  |
|                | Adrianus® (awned)          |        | 105    | 105    | 105    | 101  |
| Means (t/ha)   |                            | 6.75   | 6.98   | 7.02   | 7.07   | 8.07 |
| Means (bu/ac)  |                            | 100    | 104    | 104    | 105    | 120  |
| Location-years |                            | 24     | 18     | 17     | 11     | 4    |

1 Values differing by less than 3 within a column may not represent true differences in yield.  
 \* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.  
 ® = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit seeds-canada.ca to learn more.

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety                    | 5-Year Index Fungicides |      | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|----------------|----------------------------|-------------------------|------|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|                |                            | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| sww            | Ava                        | 96*                     | 101  | 95                      | 101  | 95                      | 100  | 93                      | 99   | 95                    | 100  |
|                | 25W38⚡ (awned)             |                         |      | 103                     | 108  | 104                     | 109  | 104                     | 110  | 101                   | 103  |
| srw            | Branson⚡                   | 97                      | 103  | 95                      | 102  | 94                      | 102  | 93                      | 103  | 94                    | 99   |
|                | Secord (awned)             | 99                      | 104  | 98                      | 104  | 99                      | 104  | 98                      | 103  | 98                    | 101  |
|                | 25R40⚡ (awned)             | 101                     | 105  | 100                     | 106  | 101                     | 106  | 102                     | 108  | 102                   | 105  |
|                | Marker                     | 98                      | 103  | 96                      | 103  | 97                      | 102  | 95                      | 102  | 98                    | 103  |
|                | UGRC Ring⚡ (awned)         | 97                      | 102  | 97                      | 102  | 97                      | 102  | 96                      | 102  | 103                   | 107  |
|                | Cruze (awned)              | 96                      | 103  | 95                      | 104  | 96                      | 103  | 94                      | 103  | 100                   | 104  |
|                | B654SRW⚡                   | 99                      | 105  | 97                      | 104  | 96                      | 103  | 95                      | 104  | 97                    | 101  |
|                | 25R61⚡ (awned)             | 98                      | 105  | 96                      | 105  | 96                      | 105  | 96                      | 106  | 102                   | 109  |
|                | 25R74⚡ (awned)             | 99                      | 104  | 98                      | 104  | 98                      | 104  | 98                      | 105  | 99                    | 103  |
|                | Blaze (awned)              | 102                     | 108  | 102                     | 109  | 103                     | 110  | 100                     | 109  | 103                   | 107  |
|                | Hilliard⚡ (awned)          |                         |      | 103                     | 107  | 103                     | 107  | 105                     | 110  | 101                   | 104  |
|                | OAC Constellation⚡ (awned) |                         |      | 100                     | 105  | 100                     | 105  | 101                     | 107  | 101                   | 106  |
|                | UGRC Comet⚡                |                         |      |                         |      |                         |      |                         |      | 96                    | 100  |
|                | B700SRW (awned)            |                         |      |                         |      |                         |      | 98                      | 109  | 103                   | 108  |
|                | OAC Moon⚡ (awned)          |                         |      |                         |      |                         |      | 100                     | 108  | 100                   | 106  |
| hrw            | PRO 81⚡ (awned)            | 100                     | 101  | 100                     | 101  | 100                     | 101  | 98                      | 100  | 96                    | 96   |
|                | Adrianus⚡ (awned)          |                         |      | 103                     | 107  | 104                     | 107  | 103                     | 106  | 99                    | 103  |
| Means (t/ha)   |                            | 6.60                    | 6.98 | 6.87                    | 7.35 | 6.93                    | 7.36 | 7.19                    | 7.72 | 7.96                  | 8.33 |
| Means (bu/ac)  |                            | 98                      | 104  | 102                     | 109  | 103                     | 110  | 107                     | 115  | 118                   | 124  |
| Location-years |                            |                         | 16   |                         | 12   |                         | 11   |                         | 8    |                       | 3    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are best made using data with the greatest number of years.

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## WINTER WHEAT — AREA I

Varietal Characteristics<sup>1</sup>

| Class     |                    | Variety |    | Fusarium Data         |                         |                     | 1000 Kernel |            | Winter       | Lodging <sup>3</sup>       |             | Height    | Heading   | Maturity       | Leaf <sup>3</sup> |
|-----------|--------------------|---------|----|-----------------------|-------------------------|---------------------|-------------|------------|--------------|----------------------------|-------------|-----------|-----------|----------------|-------------------|
|           |                    |         |    | Combined <sup>2</sup> |                         | Test Weight (kg/hL) | Protein (%) | Weight (g) | Survival (%) | Lodging <sup>3</sup> (0-9) | Height (cm) | Date (JD) | Date (JD) | Septoria (0-9) |                   |
|           |                    |         |    | Fusarium Rating       | DON <sup>2</sup> Rating |                     |             |            |              |                            |             |           |           |                | Years             |
| sww       | Ava                | MS      | MS | 6                     | 78.3                    | 11.0                | 35.4        | 93         | 0.5          | 96                         | 152         | 185       | 2.5       |                |                   |
|           | 25W38⚡             | S       | S  | 3                     | 77.4                    | 11.1                | 36.9        | 95         | 0.1          | 83                         | 149         | 184       | 3.1       |                |                   |
| srw       | Branson⚡           | S       | MS | 6                     | 78.6                    | 11.4                | 35.0        | 96         | 1.5          | 88                         | 147         | 181       | 3.6       |                |                   |
|           | Secord             | S       | S  | 6                     | 77.9                    | 10.9                | 36.7        | 95         | 0.8          | 94                         | 149         | 182       | 4.1       |                |                   |
|           | 25R40⚡             | S       | S  | 6                     | 78.6                    | 10.6                | 39.4        | 93         | 1.1          | 79                         | 149         | 183       | 3.6       |                |                   |
|           | Marker             | MS      | MS | 6                     | 77.4                    | 10.7                | 32.2        | 94         | 0.8          | 92                         | 150         | 183       | 3.1       |                |                   |
|           | UGRC Ring⚡         | MS      | MR | 6                     | 77.1                    | 11.1                | 37.4        | 95         | 0.8          | 96                         | 148         | 183       | 4.4       |                |                   |
|           | Cruze              | MS      | MR | 6                     | 79.1                    | 11.2                | 34.9        | 98         | 0.9          | 87                         | 148         | 184       | 3.0       |                |                   |
|           | B654SRW⚡           | S       | MS | 6                     | 78.6                    | 10.3                | 36.9        | 95         | 1.6          | 94                         | 149         | 182       | 3.8       |                |                   |
|           | 25R61⚡             | MS      | MS | 5                     | 77.6                    | 10.8                | 34.0        | 98         | 1.0          | 90                         | 148         | 182       | 3.0       |                |                   |
|           | 25R74⚡             | MR      | MS | 5                     | 77.5                    | 11.5                | 31.9        | 100        | 0.9          | 81                         | 147         | 184       | 3.1       |                |                   |
|           | Blaze              | MS      | MS | 4                     | 78.5                    | 11.2                | 37.7        | 96         | 0.3          | 89                         | 149         | 184       | 3.0       |                |                   |
|           | Hilliard⚡          | MS      | MS | 3                     | 78.3                    | 11.4                | 35.3        | 97         | 0.4          | 88                         | 148         | 183       | 2.8       |                |                   |
|           | OAC Constellation⚡ | MS      | MS | 2                     | 80.3                    | 11.3                | 36.9        | 91         | 0.5          | 85                         | 149         | 183       | 4.9       |                |                   |
|           | UGRC Comet⚡        | MS      | MS | 2                     | 78.3                    | 11.5                | 34.3        | 94         | 1.5          | 88                         | 147         | 181       | 3.5       |                |                   |
|           | B700SRW            | MR      | MR | 1                     | 78.6                    | 11.0                | 35.5        | 96         | 1.3          | 87                         | 148         | 184       | 2.3       |                |                   |
|           | OAC Moon⚡          | MS      | MS | 1                     | 76.3                    | 11.0                | 30.5        | 95         | 0.9          | 84                         | 148         | 183       | 3.5       |                |                   |
|           | hrw                | PRO 81⚡ | S  | MS                    | 4                       | 81.7                | 12.5        | 36.4       | 95           | 0.3                        | 95          | 150       | 185       | 2.8            |                   |
|           | Adrianus⚡          | S       | HS | 3                     | 81.1                    | 12.5                | 45.6        | 96         | 0.0          | 90                         | 151         | 186       | 2.9       |                |                   |
| Means     |                    |         |    |                       | 78.5                    | 11.2                | 35.9        | 95         | 0.8          | 89                         | 149         | 183       | 3.3       |                |                   |
| Locations |                    |         |    |                       | 2                       | 2                   | 2           | 2          | 2            | 2                          | 1           | 2         | 2         |                |                   |

<sup>1</sup> See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst).

<sup>3</sup> For ratings 0-9, a high score is undesirable.

⚡ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit seeds-canada.ca to learn more.

## WINTER WHEAT — AREA I (continued)

Cumulative Yield Index<sup>1</sup>

| Class          | Variety                    | 4 year | 3 year | 2 year | 2022 |
|----------------|----------------------------|--------|--------|--------|------|
| sww            | Ava                        | 96*    | 96     | 94     | 95   |
|                | 25W38☯ (awned)             |        | 107    | 108    | 106  |
| srw            | Branson☯                   | 99     | 97     | 96     | 95   |
|                | Secord (awned)             | 102    | 101    | 101    | 101  |
|                | 25R40☯ (awned)             | 104    | 103    | 104    | 101  |
|                | Marker                     | 100    | 99     | 98     | 99   |
|                | UGRC Ring☯ (awned)         | 101    | 101    | 100    | 106  |
|                | Cruze (awned)              | 99     | 99     | 98     | 104  |
|                | B654SRW☯                   | 100    | 98     | 96     | 95   |
|                | 25R61☯ (awned)             | 102    | 101    | 101    | 104  |
|                | 25R74☯ (awned)             | 104    | 104    | 103    | 101  |
|                | Blaze (awned)              | 104    | 105    | 103    | 104  |
|                | Hilliard☯ (awned)          |        | 105    | 107    | 101  |
|                | OAC Constellation☯ (awned) |        | 102    | 104    | 102  |
|                | B700SRW (awned)            |        |        | 105    | 107  |
|                | OAC Moon☯ (awned)          |        |        | 104    | 101  |
|                | UGRC Comet☯                |        |        |        | 96   |
| hrw            | PRO 81☯ (awned)            | 101    | 102    | 100    | 98   |
|                | Adrianus☯ (awned)          |        | 107    | 107    | 102  |
| Means (t/ha)   |                            | 6.47   | 6.91   | 7.20   | 7.72 |
| Means (bu/ac)  |                            | 96     | 103    | 107    | 115  |
| Location-Years |                            | 11     | 8      | 5      | 2    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

☯☯ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety                    | 4-Year Index<br>Fungicides |      | 3-Year Index<br>Fungicides |      | 2-Year Index<br>Fungicides |      | 2022 Index<br>Fungicides |      |
|----------------|----------------------------|----------------------------|------|----------------------------|------|----------------------------|------|--------------------------|------|
|                |                            | No                         | Yes  | No                         | Yes  | No                         | Yes  | No                       | Yes  |
| sww            | Ava                        | 95*                        | 97   | 94                         | 97   | 91                         | 95   | 94                       | 93   |
|                | 25W38☯ (awned)             |                            |      | 105                        | 108  | 106                        | 110  | 105                      | 115  |
| srw            | Branson☯                   | 98                         | 101  | 95                         | 100  | 93                         | 100  | 94                       | 102  |
|                | Secord (awned)             | 101                        | 104  | 100                        | 103  | 99                         | 102  | 100                      | 101  |
|                | 25R40☯ (awned)             | 102                        | 104  | 102                        | 105  | 102                        | 106  | 100                      | 101  |
|                | Marker                     | 98                         | 100  | 96                         | 100  | 96                         | 99   | 99                       | 110  |
|                | UGRC Ring (awned)          | 99                         | 101  | 99                         | 102  | 98                         | 103  | 106                      | 98   |
|                | Cruze (awned)              | 98                         | 103  | 97                         | 103  | 96                         | 102  | 103                      | 99   |
|                | B654SRW☯                   | 98                         | 101  | 96                         | 100  | 94                         | 99   | 94                       | 100  |
|                | 25R61☯ (awned)             | 100                        | 104  | 98                         | 104  | 99                         | 106  | 104                      | 102  |
|                | 25R74☯ (awned)             | 102                        | 105  | 101                        | 105  | 101                        | 105  | 100                      | 101  |
|                | Blaze (awned)              | 103                        | 106  | 104                        | 108  | 101                        | 106  | 104                      | 104  |
|                | Hilliard☯ (awned)          |                            |      | 103                        | 106  | 105                        | 108  | 100                      | 107  |
|                | OAC Constellation☯ (awned) |                            |      | 101                        | 105  | 102                        | 107  | 101                      | 106  |
|                | UGRC Comet☯                |                            |      |                            |      |                            |      | 95                       | 113  |
|                | B700SRW (awned)            |                            |      |                            |      | 103                        | 110  | 106                      |      |
|                | OAC Moon☯ (awned)          |                            |      |                            |      | 102                        | 108  | 100                      | 109  |
| hrw            | PRO 81☯ (awned)            | 100                        | 100  | 100                        | 100  | 98                         | 98   | 97                       | 82   |
|                | Adrianus☯ (awned)          |                            |      | 106                        | 109  | 105                        | 108  | 101                      | 112  |
| Means (t/ha)   |                            | 6.37                       | 6.57 | 6.84                       | 7.12 | 7.20                       | 7.54 | 7.72                     | 7.90 |
| Means (bu/ac)  |                            | 95                         | 98   | 102                        | 106  | 107                        | 112  | 115                      | 118  |
| Location-Years |                            |                            | 10   |                            | 7    |                            | 5    |                          | 2    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

☯☯ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

Varietal Characteristics<sup>1</sup>

| Class            | Variety            | Fusarium Data                         |                         |       | Test Weight (kg/hL) | Protein (%) | Kernel Weight (g) | 1000 Winter Survival (%) | Lodging <sup>3</sup> (0-9) | Height (cm) | Heading Date (JD) | Powdery <sup>3</sup> Mildew (0-9) | Leaf <sup>3</sup> Rust (0-9) | Stripe <sup>3</sup> Rust (0-9) | Straw Yield Index |
|------------------|--------------------|---------------------------------------|-------------------------|-------|---------------------|-------------|-------------------|--------------------------|----------------------------|-------------|-------------------|-----------------------------------|------------------------------|--------------------------------|-------------------|
|                  |                    | Combined <sup>2</sup> Fusarium Rating | DON <sup>2</sup> Rating | Years |                     |             |                   |                          |                            |             |                   |                                   |                              |                                |                   |
| sww              | Ava                | MS                                    | MS                      | 6     | 78.2                | 9.3         | 40.5              | 98                       | 1.6                        | 116         | 156               | 4.4                               | 4.6                          | 1.5                            | 104               |
|                  | 25W38Ⓢ             | S                                     | S                       | 3     | 75.7                | 9.2         | 38.7              | 99                       | 0.0                        | 93          | 153               | 1.1                               | 7.5                          | 0.0                            | 84                |
| srw              | BransonⓈ           | S                                     | MS                      | 6     | 76.7                | 9.7         | 38.2              | 100                      | 0.8                        | 97          | 153               | 4.5                               | 3.1                          | 0.5                            | 81                |
|                  | Secord             | S                                     | S                       | 6     | 76.7                | 10.3        | 45.4              | 99                       | 2.0                        | 106         | 153               | 3.8                               | 5.4                          | 0.0                            | 114               |
|                  | 25R40Ⓢ             | S                                     | S                       | 6     | 77.0                | 9.5         | 42.9              | 99                       | 0.4                        | 91          | 153               | 2.0                               | 4.7                          | 0.3                            | 94                |
|                  | Marker             | MS                                    | MS                      | 6     | 76.2                | 8.9         | 36.3              | 96                       | 2.8                        | 105         | 153               | 4.4                               | 4.0                          | 0.0                            | 103               |
|                  | UGRC RingⓈ         | MS                                    | MR                      | 6     | 75.0                | 9.4         | 40.5              | 98                       | 3.4                        | 111         | 153               | 4.9                               | 4.6                          | 1.0                            | 98                |
|                  | UGRC C2-5          | MS                                    | MS                      | 3     | 75.0                | 9.6         | 42.1              | 99                       | 2.3                        | 111         | 157               | 3.8                               | 6.6                          | 2.0                            | 108               |
|                  | Cruze              | MS                                    | MR                      | 6     | 78.0                | 10.1        | 37.7              | 100                      | 2.0                        | 100         | 154               | 4.5                               | 4.4                          | 2.3                            | 82                |
|                  | UGRC GL164         | S                                     | S                       | 4     | 77.0                | 9.8         | 35.1              | 98                       | 2.4                        | 95          | 152               | 3.9                               | 2.7                          | 2.8                            | 82                |
|                  | B654SRWⓈ           | S                                     | MS                      | 6     | 77.6                | 8.9         | 44.1              | 99                       | 0.4                        | 111         | 153               | 5.3                               | 1.8                          | 0.5                            | 103               |
|                  | 25R61Ⓢ             | MS                                    | MS                      | 5     | 77.3                | 9.1         | 36.5              | 100                      | 0.1                        | 99          | 153               | 5.2                               | 5.8                          | 3.3                            | 90                |
|                  | 25R74Ⓢ             | MR                                    | MS                      | 5     | 74.7                | 10.1        | 35.0              | 99                       | 1.9                        | 89          | 152               | 1.6                               | 3.0                          | 0.0                            | 89                |
|                  | Blaze              | MS                                    | MS                      | 4     | 76.3                | 9.6         | 43.9              | 99                       | 0.8                        | 102         | 154               | 3.0                               | 2.4                          | 0.0                            | 96                |
|                  | HilliardⓈ          | MS                                    | MS                      | 3     | 78.4                | 10.0        | 38.7              | 99                       | 1.0                        | 102         | 153               | 0.6                               | 1.2                          | 0.0                            | 113               |
|                  | OAC ConstellationⓈ | MS                                    | MS                      | 2     | 79.3                | 10.5        | 41.4              | 98                       | 0.8                        | 99          | 153               | 1.1                               | 1.0                          | 0.3                            | 112               |
|                  | UGRC CometⓈ        | MS                                    | MS                      | 2     | 77.1                | 10.0        | 38.9              | 98                       | 0.9                        | 96          | 153               | 4.1                               | 3.0                          | 0.5                            | 80                |
|                  | B700SRW            | MR                                    | MR                      | 1     | 76.5                | 9.3         | 37.7              | 100                      | 0.0                        | 97          | 153               | 5.8                               | 5.9                          | 2.3                            | 90                |
|                  | OAC MoonⓈ          | MS                                    | MS                      | 1     | 75.9                | 9.4         | 33.3              | 99                       | 0.0                        | 93          | 152               | 4.4                               | 3.6                          | 0.0                            | 89                |
| hrw              | PRO 81Ⓢ            | S                                     | MS                      | 4     | 80.9                | 10.9        | 38.8              | 97                       | 0.9                        | 110         | 154               | 0.5                               | 0.8                          | 0.0                            | 125               |
|                  | AdrianusⓈ          | S                                     | HS                      | 3     | 79.4                | 11.2        | 48.3              | 97                       | 0.0                        | 103         | 158               | 0.5                               | 1.0                          | 0.0                            | 140               |
|                  | Montcalm           | MS                                    | MS                      | 1     | 77.7                | 12.3        | 46.7              | 99                       | 0.6                        | 118         | 158               | 1.8                               | 1.2                          | 0.0                            | 121               |
| <b>Means</b>     |                    |                                       |                         |       | 77.1                | 9.8         | 40.0              | 98                       | 1.1                        | 102         | 154               | 3.2                               | 3.6                          | 0.8                            | 3.74t/ha          |
| <b>Locations</b> |                    |                                       |                         |       | 2                   | 1           | 2                 | 2                        | 2                          | 2           | 2                 | 2                                 | 2                            | 1                              | 1                 |

<sup>1</sup> See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst).

<sup>3</sup> For ratings 0-9, a high score is undesirable.

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WINTER WHEAT — AREA II *(continued)*

Cumulative Yield Index<sup>1</sup>

| Class          | Variety                    | 5 year | 4 year | 3 year | 2 year | 2022 |
|----------------|----------------------------|--------|--------|--------|--------|------|
| sww            | Ava                        | 101*   | 100    | 100    | 100    | 100  |
|                | 25W38☯ (awned)             |        | 104    | 104    | 104    | 95   |
| srw            | Branson☯                   | 100    | 100    | 99     | 99     | 99   |
|                | Secord (awned)             | 101    | 101    | 102    | 102    | 98   |
|                | 25R40☯ (awned)             | 103    | 103    | 104    | 106    | 110  |
|                | Marker                     | 101    | 100    | 100    | 99     | 99   |
|                | UGRC Ring☯ (awned)         | 102    | 102    | 102    | 99     | 102  |
|                | Cruze (awned)              | 97     | 97     | 97     | 96     | 100  |
|                | B654SRW☯                   | 101    | 101    | 100    | 101    | 104  |
|                | 25R61☯ (awned)             | 99     | 97     | 98     | 95     | 100  |
|                | 25R74☯ (awned)             | 100    | 99     | 98     | 100    | 105  |
|                | Blaze (awned)              | 104    | 104    | 104    | 104    | 108  |
|                | Hilliard☯ (awned)          |        | 108    | 108    | 111    | 111  |
|                | OAC Constellation☯ (awned) |        | 104    | 104    | 104    | 109  |
|                | UGRC C2-5                  |        |        |        | 96     | 91   |
|                | UGRC GL164                 |        |        |        | 101    | 102  |
|                | B700SRW (awned)            |        |        |        | 99     | 101  |
|                | OAC Moon☯ (awned)          |        |        |        | 102    | 103  |
|                | UGRC Comet☯                |        |        |        |        | 101  |
| hrw            | PRO 81☯ (awned)            | 104    | 103    | 104    | 105    | 103  |
|                | Adrianus☯ (awned)          |        | 104    | 104    | 104    | 101  |
|                | Montcalm                   |        |        |        | 90     | 81   |
| Means (t/ha)   |                            | 6.97   | 7.03   | 7.11   | 6.97   | 8.40 |
| Means (bu/ac)  |                            | 104    | 105    | 106    | 104    | 125  |
| Location-Years |                            | 13     | 10     | 9      | 6      | 2    |

1 Values differing by less than 3 within a column may not represent true differences in yield.  
 \* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.  
 ☯☯ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

2022 VARIETIES SELECTED

| Variety | Variety | Variety |
|---------|---------|---------|
|         |         |         |
|         |         |         |

Seeding date:

Harvest date:

Yield:

2022: TOP PICKS

|  |
|--|
|  |
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|  |

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety                    | 5-Year Index Fungicides |      | 4-Year Index Fungicides |      | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|----------------|----------------------------|-------------------------|------|-------------------------|------|-------------------------|------|-------------------------|------|-----------------------|------|
|                |                            | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| sww            | Ava                        | 97*                     | 107  | 96                      | 106  | 97                      | 106  | 97                      | 106  | 98                    | 105  |
|                | 25W38Ⓢ (awned)             |                         |      | 101                     | 109  | 101                     | 110  | 101                     | 110  | 94                    | 102  |
| srw            | BransonⓈ                   | 97                      | 106  | 95                      | 106  | 93                      | 105  | 94                      | 107  | 96                    | 103  |
|                | Secord (awned)             | 96                      | 105  | 95                      | 104  | 96                      | 105  | 96                      | 105  | 95                    | 100  |
|                | 25R40Ⓢ (awned)             | 98                      | 106  | 98                      | 106  | 99                      | 106  | 101                     | 110  | 108                   | 113  |
|                | Marker                     | 98                      | 108  | 97                      | 108  | 98                      | 107  | 94                      | 106  | 98                    | 107  |
|                | UGRC RingⓈ (awned)         | 94                      | 104  | 93                      | 103  | 93                      | 102  | 92                      | 102  | 98                    | 108  |
|                | UGRC C2-5                  |                         |      |                         |      |                         |      | 94                      | 102  | 90                    | 97   |
|                | Cruze (awned)              | 93                      | 104  | 92                      | 104  | 92                      | 103  | 92                      | 104  | 94                    | 103  |
|                | UGRC GL164                 |                         |      |                         |      |                         |      | 98                      | 104  | 96                    | 103  |
|                | B654SRWⓈ                   | 101                     | 112  | 99                      | 111  | 98                      | 110  | 96                      | 111  | 102                   | 111  |
|                | 25R61Ⓢ (awned)             | 94                      | 107  | 92                      | 106  | 93                      | 106  | 91                      | 105  | 99                    | 109  |
|                | 25R74Ⓢ (awned)             | 95                      | 104  | 93                      | 103  | 92                      | 103  | 94                      | 105  | 99                    | 107  |
|                | Blaze (awned)              | 99                      | 110  | 100                     | 111  | 101                     | 112  | 100                     | 113  | 102                   | 109  |
|                | HilliardⓈ (awned)          |                         |      | 103                     | 108  | 103                     | 108  | 105                     | 112  | 103                   | 109  |
|                | OAC ConstellationⓈ (awned) |                         |      | 99                      | 105  | 98                      | 105  | 98                      | 106  | 101                   | 109  |
|                | UGRC CometⓈ                |                         |      |                         |      |                         |      |                         |      | 97                    | 103  |
|                | B700SRW (awned)            |                         |      |                         |      |                         |      | 91                      | 108  | 97                    | 109  |
|                | OAC MoonⓈ (awned)          |                         |      |                         |      |                         |      | 96                      | 108  | 100                   | 108  |
| hrw            | PRO 81Ⓢ (awned)            | 99                      | 102  | 100                     | 103  | 101                     | 104  | 99                      | 103  | 95                    | 100  |
|                | AdrianusⓈ (awned)          |                         |      | 100                     | 103  | 100                     | 105  | 99                      | 104  | 97                    | 103  |
|                | Montcalm                   |                         |      |                         |      |                         |      | 84                      | 89   | 77                    | 81   |
| Means (t/ha)   |                            | 6.94                    | 7.61 | 6.91                    | 7.63 | 7.06                    | 7.75 | 7.17                    | 7.97 | 8.43                  | 9.16 |
| Means (bu/ac)  |                            | 103                     | 113  | 103                     | 113  | 105                     | 115  | 107                     | 119  | 125                   | 136  |
| Location-Years |                            |                         | 6    |                         | 5    |                         | 4    |                         | 3    |                       | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

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- ✓ 2-Row Barley
- ✓ Excellent yield
- ✓ High test weight
- ✓ great disease package
- ✓ mid maturity
- ✓ Limited supply

## AAC Reid

## Oats

- ✓ Top yielding
- ✓ Excellent standability
- ✓ great disease package
- ✓ Excellent crown rust tolerance
- ✓ good straw yield

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# WINTER WHEAT — AREA III

## Varietal Characteristics<sup>1</sup>

| Class     | Variety            | Fusarium Data                         |                         |       | Test Weight (kg/hL) | Protein % | 1000 Kernel Weight (g) | Winter Survival (%) | Lodging <sup>3</sup> (0-9) | Height (cm) | Heading Date (JD) | Maturity Date (JD) | Straw Yield Index |
|-----------|--------------------|---------------------------------------|-------------------------|-------|---------------------|-----------|------------------------|---------------------|----------------------------|-------------|-------------------|--------------------|-------------------|
|           |                    | Combined <sup>2</sup> Fusarium Rating | DON <sup>2</sup> Rating | Years |                     |           |                        |                     |                            |             |                   |                    |                   |
| srw       | Branson☉           | S                                     | MS                      | 6     | 75.0                | 11.2      | 33.7                   | 93                  | 3.6                        | 89          | 151               | 194                | 83                |
|           | 25R40☉             | S                                     | S                       | 6     | 75.9                | 10.6      | 39.5                   | 94                  | 1.3                        | 84          | 156               | 195                | 95                |
|           | Marker             | MS                                    | MS                      | 6     | 74.2                | 10.7      | 31.5                   | 93                  | 3.7                        | 98          | 154               | 196                | 103               |
|           | UGRC Ring☉         | MS                                    | MR                      | 6     | 74.2                | 10.7      | 36.7                   | 95                  | 3.1                        | 100         | 154               | 195                | 98                |
|           | UGRC C2-5          | MS                                    | MS                      | 3     | 75.2                | 10.1      | 39.5                   | 97                  | 3.5                        | 103         | 157               | 196                | 107               |
|           | UGRC GL164         | S                                     | S                       | 4     | 76.8                | 11.1      | 30.7                   | 90                  | 3.9                        | 87          | 154               | 196                | 109               |
|           | B654SRW☉           | S                                     | MS                      | 6     | 76.3                | 10.1      | 36.6                   | 97                  | 2.8                        | 101         | 153               | 195                | 96                |
|           | 25R61☉             | MS                                    | MS                      | 5     | 75.4                | 10.9      | 32.8                   | 95                  | 1.6                        | 93          | 154               | 196                | 89                |
|           | 25R74☉             | MR                                    | MS                      | 5     | 75.6                | 11.2      | 31.3                   | 98                  | 2.1                        | 86          | 153               | 195                | 95                |
|           | Blaze              | MS                                    | MS                      | 4     | 76.1                | 10.9      | 37.1                   | 97                  | 3.5                        | 94          | 155               | 196                | 91                |
|           | Hilliard☉          | MS                                    | MS                      | 3     | 75.6                | 11.1      | 35.4                   | 97                  | 0.5                        | 95          | 153               | 196                | 110               |
|           | OAC Constellation☉ | MS                                    | MS                      | 2     | 77.2                | 11.0      | 36.7                   | 94                  | 2.3                        | 91          | 155               | 195                | 98                |
|           | UGRC Comet☉        | MS                                    | MS                      | 2     | 76.1                | 11.2      | 35.4                   | 96                  | 2.8                        | 92          | 150               | 194                | 91                |
|           | OAC Moon☉          | MS                                    | MS                      | 1     | 73.5                | 10.8      | 28.9                   | 93                  | 0.7                        | 88          | 153               | 196                | 91                |
|           |                    |                                       |                         |       |                     |           |                        |                     |                            |             |                   |                    |                   |
| hrw       | Lexington☉         | S                                     | MS                      | 4     | 78.2                | 12.1      | 44.2                   | 93                  | 0.0                        | 96          | 154               | 197                | 97                |
|           | PRO 81☉            | S                                     | MS                      | 4     | 80.3                | 12.4      | 35.6                   | 97                  | 0.5                        | 104         | 154               | 195                | 115               |
|           | Adrianus☉          | S                                     | HS                      | 3     | 79.4                | 12.0      | 44.4                   | 96                  | 0.1                        | 96          | 158               | 198                | 114               |
|           | Montcalm           | MS                                    | MS                      | 1     | 79.3                | 12.7      | 42.7                   | 98                  | 3.1                        | 112         | 157               | 194                | 119               |
| Means     |                    |                                       |                         |       | 76.3                | 11.1      | 36.3                   | 95                  | 2.2                        | 95          | 154               | 195                | 5.56t/ha          |
| Locations |                    |                                       |                         |       | 3                   | 3         | 3                      | 2                   | 3                          | 3           | 3                 | 2                  | 1                 |

1 See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.

2 MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst).

3 For ratings 0-9, a high score is undesirable.

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## Cumulative Yield Index<sup>1</sup>

| Class          | Variety                    | 4 year | 3 year | 2 year | 2022 |
|----------------|----------------------------|--------|--------|--------|------|
| srw            | Branson☉                   | 101*   | 101    | 100    | 98   |
|                | Marker                     | 98     | 96     | 95     | 92   |
|                | UGRC Ring☉ (awned)         | 102    | 102    | 100    | 97   |
|                | B654SRW☉                   | 102    | 101    | 100    | 100  |
|                | Blaze (awned)              | 102    | 101    | 101    | 101  |
|                | 25R40☉ (awned)             |        | 103    | 103    | 105  |
|                | UGRC C2-5                  |        | 100    | 100    | 96   |
|                | UGRC GL164                 |        | 99     | 99     | 97   |
|                | 25R61 (awned)              |        | 103    | 103    | 105  |
|                | 25R74☉ (awned)             |        | 101    | 101    | 102  |
|                | OAC Constellation☉ (awned) |        | 99     | 100    | 98   |
|                | Hilliard☉ (awned)          |        |        |        | 101  |
|                | UGRC Comet☉                |        |        |        | 100  |
|                | OAC Moon☉ (awned)          |        |        |        | 102  |
|                |                            |        |        |        |      |
| hrw            | Lexington☉ (awned)         | 99     | 99     | 98     | 97   |
|                | PRO 81☉ (awned)            | 100    | 100    | 101    | 103  |
|                | Adrianus☉ (awned)          |        | 102    | 104    | 103  |
|                | Montcalm                   |        |        | 95     | 93   |
| Means (t/ha)   |                            | 7.59   | 7.73   | 8.21   | 8.42 |
| Means (bu/ac)  |                            | 113    | 115    | 122    | 125  |
| Location-Years |                            | 10     | 7      | 6      | 3    |

1 Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are best made using data with the greatest number of years.

☉☉ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit [seeds-canada.ca](https://seeds-canada.ca) to learn more.

Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety                    | 3-Year Index Fungicides |      | 2-Year Index Fungicides |      | 2022 Index Fungicides |      |
|----------------|----------------------------|-------------------------|------|-------------------------|------|-----------------------|------|
|                |                            | No                      | Yes  | No                      | Yes  | No                    | Yes  |
| srw            | Branson☪                   | 100 <sup>2</sup>        | 110  | 95                      | 110  | 88                    | 115  |
|                | 25R40☪ (awned)             | 103                     | 110  | 103                     | 113  | 104                   | 121  |
|                | Marker                     | 89                      | 99   | 85                      | 101  | 72                    | 104  |
|                | UGRC Ring☪ (awned)         | 102                     | 108  | 95                      | 105  | 85                    | 104  |
|                | UGRC C2-5                  | 95                      | 102  | 92                      | 104  | 82                    | 106  |
|                | UGRC GL164                 | 98                      | 103  | 96                      | 106  | 90                    | 108  |
|                | B654SRW☪                   | 97                      | 107  | 90                      | 105  | 86                    | 112  |
|                | 25R61☪ (awned)             | 104                     | 110  | 104                     | 116  | 105                   | 124  |
|                | 25R74☪ (awned)             | 96                      | 101  | 94                      | 104  | 90                    | 104  |
|                | Blaze (awned)              | 99                      | 100  | 96                      | 103  | 92                    | 106  |
|                | Hilliard☪ (awned)          |                         |      |                         |      | 86                    | 102  |
|                | OAC Constellation☪ (awned) | 94                      | 101  | 92                      | 105  | 84                    | 109  |
|                | UGRC Comet☪                |                         |      |                         |      | 89                    | 110  |
|                | OAC Moon☪ (awned)          |                         |      |                         |      | 95                    | 111  |
| hrw            | Lexington☪ (awned)         | 98                      | 102  | 94                      | 102  | 91                    | 105  |
|                | PRO 81☪ (awned)            | 97                      | 102  | 98                      | 104  | 96                    | 109  |
|                | Adrianus☪ (awned)          | 95                      | 96   | 96                      | 100  | 94                    | 100  |
|                | Montcalm                   |                         |      | 90                      | 95   | 82                    | 91   |
| Means (t/ha)   |                            | 6.29                    | 6.69 | 6.73                    | 7.58 | 6.71                  | 8.15 |
| Means (bu/ac)  |                            | 94                      | 100  | 100                     | 113  | 100                   | 121  |
| Location-Years |                            |                         | 3    |                         | 2    |                       | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are best made using data with the greatest number of years.

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# WINTER WHEAT — AREA V

## Varietal Characteristics<sup>1</sup>

| Class            | Variety    | Fusarium Data                         |                         |       | Test Weight (kg/hL) | Protein % | 1000 Kernel Weight (g) | Winter Survival (%) | Lodging <sup>3</sup> (0-9) | Height (cm) | Heading Date (JD) | Maturity Date (JD) | Straw Yield Index |
|------------------|------------|---------------------------------------|-------------------------|-------|---------------------|-----------|------------------------|---------------------|----------------------------|-------------|-------------------|--------------------|-------------------|
|                  |            | Combined <sup>2</sup> Fusarium Rating | DON <sup>2</sup> Rating | Years |                     |           |                        |                     |                            |             |                   |                    |                   |
| srw              | Branson☪   | S                                     | MS                      | 6     | 73.0                | 12.2      | 48.7                   | 100                 | 2.3                        | 93          | 165               | 209                | 87                |
|                  | 25R40☪     | S                                     | S                       | 6     | 74.7                | 11.4      | 52.3                   | 100                 | 1.0                        | 84          | 166               | 210                | 89                |
|                  | Marker     | MS                                    | MS                      | 6     | 71.1                | 11.5      | 42.5                   | 100                 | 3.3                        | 98          | 166               | 211                | 104               |
|                  | UGRC C2-5  | MS                                    | MS                      | 3     | 70.9                | 11.7      | 51.2                   | 100                 | 2.3                        | 105         | 169               | 212                | 129               |
|                  | UGRC GL164 | S                                     | S                       | 4     | 75.3                | 12.2      | 45.6                   | 100                 | 5.0                        | 94          | 165               | 210                | 80                |
|                  | B654SRW☪   | S                                     | MS                      | 6     | 74.1                | 11.4      | 50.6                   | 100                 | 2.0                        | 103         | 166               | 209                | 118               |
|                  | 25R61☪     | MS                                    | MS                      | 5     | 72.9                | 11.7      | 45.0                   | 100                 | 0.8                        | 95          | 166               | 209                | 97                |
|                  | 25R74☪     | MR                                    | MS                      | 5     | 75.1                | 11.6      | 46.2                   | 100                 | 1.8                        | 86          | 165               | 210                | 81                |
|                  | Blaze      | MS                                    | MS                      | 4     | 73.4                | 11.8      | 50.0                   | 100                 | 0.3                        | 96          | 167               | 211                | 84                |
|                  | Hilliard☪  | MS                                    | MS                      | 3     | 74.4                | 12.0      | 46.3                   | 100                 | 0.8                        | 92          | 165               | 210                | 101               |
| hrw              | Lexington☪ | S                                     | MS                      | 4     | 76.5                | 13.4      | 54.9                   | 100                 | 0.8                        | 94          | 166               | 210                | 94                |
|                  | PRO 81☪    | S                                     | MS                      | 4     | 76.6                | 14.2      | 47.7                   | 100                 | 2.0                        | 96          | 167               | 210                | 112               |
|                  | Adrianus☪  | S                                     | HS                      | 3     | 71.1                | 13.7      | 47.0                   | 98                  | 0.0                        | 90          | 170               | 213                | 114               |
|                  | Montcalm   | MS                                    | MS                      | 1     | 73.5                | 15.5      | 50.0                   | 100                 | 5.5                        | 105         | 170               | 209                | 110               |
| <b>Means</b>     |            |                                       |                         |       | 73.7                | 12.5      | 48.4                   | 100                 | 2.0                        | 95          | 167               | 210                | 6.48t/ha          |
| <b>Locations</b> |            |                                       |                         |       | 2                   | 1         | 1                      | 1                   | 1                          | 2           | 2                 | 2                  | 2                 |

<sup>1</sup> See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.

<sup>2</sup> MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst).

<sup>3</sup> For ratings 0-9, a high score is undesirable.

☪☪ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit seeds-canada.ca to learn more.

## Cumulative Yield Index<sup>1</sup>

| Class                 | Variety            | 4 year | 3 year | 2 year | 2022 |
|-----------------------|--------------------|--------|--------|--------|------|
| srw                   | Marker             | 105*   | 103    | 103    | 100  |
|                       | Blaze (awned)      | 105    | 104    | 106    | 110  |
|                       | Branson☪           |        | 101    | 101    | 101  |
|                       | B654SRW☪           |        | 109    | 111    | 112  |
|                       | 25R40☪ (awned)     |        |        | 110    | 112  |
|                       | UGRC C2-5          |        |        | 109    | 102  |
|                       | UGRC GL164         |        |        | 106    | 106  |
|                       | 25R61☪ (awned)     |        |        | 105    | 107  |
|                       | 25R74☪ (awned)     |        |        | 98     | 102  |
|                       | Hilliard ☪(awned)  |        |        |        | 100  |
| hrw                   | Lexington☪ (awned) | 95     | 98     | 97     | 103  |
|                       | PRO 81☪ (awned)    | 101    | 97     | 93     | 97   |
|                       | Adrianus☪ (awned)  |        | 88     | 82     | 71   |
|                       | Montcalm           |        |        | 83     | 77   |
| <b>Means (t/ha)</b>   |                    | 6.99   | 7.43   | 7.05   | 7.44 |
| <b>Means (bu/ac)</b>  |                    | 104    | 110    | 105    | 111  |
| <b>Location-Years</b> |                    | 7      | 6      | 4      | 2    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are best made using data with the greatest number of years.

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Cumulative Yield Index<sup>1</sup> Summary – Intensive Trials

| Class          | Variety            | 3-year Index<br>Fungicides |      | 2-year Index<br>Fungicides |      | 2022 Index<br>Fungicides |      |
|----------------|--------------------|----------------------------|------|----------------------------|------|--------------------------|------|
|                |                    | No                         | Yes  | No                         | Yes  | No                       | Yes  |
| srw            | Branson☼           | 93*                        | 105  | 90                         | 106  | 83                       | 106  |
|                | 25R40☼ (awned)     |                            |      | 113                        | 116  | 117                      | 118  |
|                | Marker             | 100                        | 103  | 97                         | 103  | 94                       | 100  |
|                | UGRC C2-5          |                            |      | 98                         | 98   | 96                       | 88   |
|                | UGRC GL164         |                            |      | 100                        | 98   | 98                       | 88   |
|                | B654SRW☼           | 103                        | 106  | 103                        | 108  | 103                      | 105  |
|                | 25R61☼ (awned)     |                            |      | 104                        | 104  | 105                      | 102  |
|                | 25R74☼ (awned)     |                            |      | 99                         | 104  | 102                      | 103  |
|                | Blaze (awned)      | 107                        | 108  | 108                        | 110  | 119                      | 114  |
|                | Hilliard☼ (awned)  |                            |      |                            |      | 113                      | 113  |
| hrw            | Lexington☼ (awned) | 103                        | 103  | 103                        | 103  | 109                      | 106  |
|                | PRO 81☼ (awned)    | 98                         | 99   | 95                         | 97   | 99                       | 107  |
|                | Adrianus☼ (awned)  | 89                         | 91   | 82                         | 85   | 76                       | 78   |
|                | Montcalm           |                            |      | 79                         | 81   | 71                       | 69   |
| Means (t/ha)   |                    | 8.56                       | 8.74 | 8.17                       | 8.39 | 8.68                     | 8.77 |
| Means (bu/ac)  |                    | 127                        | 130  | 121                        | 125  | 129                      | 131  |
| Location-Years |                    |                            | 3    |                            | 2    |                          | 1    |

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield.

\* Cultivar yield rankings may vary from year to year. Decisions are best made using data with the greatest number of years.

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# Distributor Contacts for Listed Varieties in Seed Ontario 2023

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

| Oats         |                            |  |
|--------------|----------------------------|--|
| Hulled       |                            |  |
| OAC Markdale | Rosebank Seed Farms Ltd.   |  |
| RC Amaze     | Rosebank Seed Farms Ltd.   |  |
| Avatar       | Pedigrain                  |  |
| Hidalgo      | Synagri                    |  |
| AAC Bullet   | SeCan Association          |  |
| CDC Orrin    | Semican Inc                |  |
| AAC Richmond | Semican Inc                |  |
| AAC Oaklin   | C & M Seeds                |  |
| Akina        | Elite Seeds                |  |
| AAC Nicolas  | SeCan Association          |  |
| Kalio        | Elite Seeds                |  |
| CDC Arborg   | Semican Inc                |  |
| AAC Chandler | SeCan Association          |  |
| AAC Stature  | SeCan Association          |  |
| AAC Reid     | Alliance Agri-Turf         |  |
| Alise        | Marc Bercier Seed Cleaning |  |
| Orford       | Semican Inc                |  |
| Nika         | Elite Seeds                |  |
| Mistral      | Synagri                    |  |

| Spring Barley  |                                                    |  |
|----------------|----------------------------------------------------|--|
| 2 Row          |                                                    |  |
| Bornholm       | Alliance Agri-Turf/Beatty Seeds/<br>Snobelen Farms |  |
| Corzo          | Elite Seeds                                        |  |
| AAC Synergy    | Semican Inc                                        |  |
| Esma           | SeCan Association                                  |  |
| KWS Kellie     | Cribit Seeds                                       |  |
| Elegancia      | Elite Seeds                                        |  |
| Claymore       | Semican Inc                                        |  |
| 6 Row          |                                                    |  |
| Dignity        | SeCan Association                                  |  |
| OCEANIK        | Synagri                                            |  |
| Harmony        | Synagri                                            |  |
| Amberly        | Rosebank Seed Farms Ltd.                           |  |
| HY 621-6R      | Alliance Agri-Turf/Beatty Seeds/<br>Snobelen Farms |  |
| Chambly        | Semences Prograin Inc                              |  |
| AAC Vitality   | Advantage Seed Growers                             |  |
| AAC Montrose   | SeCan Association                                  |  |
| Baden          | SeCan Association                                  |  |
| DS8126RB       | Alliance Agri-Turf/Beatty Seeds/<br>Snobelen Farms |  |
| AAC Bloomfield | Elite Seeds                                        |  |
| Doriane        | Elite Seeds                                        |  |
| Rafale         | Semican Inc                                        |  |
| Ariber         | Marc Bercier Seed Cleaning                         |  |
| Massy          | Snobelen Farms                                     |  |
| Tsunami        | Semican Inc                                        |  |
| Celesta        | Elite Seeds                                        |  |

| Spring Wheat              |                                               |  |
|---------------------------|-----------------------------------------------|--|
| Hard Red Spring Wheat     |                                               |  |
| Furano                    | C & M Seeds                                   |  |
| MAJOR                     | Synagri                                       |  |
| Fuzion                    | Semences Prograin Inc                         |  |
| Wilkin                    | C & M Seeds                                   |  |
| AAC Scotia                | Semican Inc                                   |  |
| TOPAZE                    | Pedigrain                                     |  |
| Raven                     | C & M Seeds                                   |  |
| Ventry                    | SeCan Association                             |  |
| AAC Synox                 | Synagri                                       |  |
| Maida                     | Elite Seeds                                   |  |
| Agora                     | Semican Inc                                   |  |
| AAC Harlaka               | Semican Inc                                   |  |
| Starlite                  | Snobelen Farms/<br>Marc Bercier Seed Cleaning |  |
| Arvida                    | Semican Inc                                   |  |
| Eastern Feed Spring Wheat |                                               |  |
| Dagon                     | Elite Seeds                                   |  |
| Evora                     | Elite Seeds                                   |  |

| Winter Wheat      |                                |  |
|-------------------|--------------------------------|--|
| Soft White Winter |                                |  |
| Ava               | Brevant Seeds                  |  |
| 25W38             | Pioneer Seeds                  |  |
| Soft Red Winter   |                                |  |
| Branson           | Brevant Seeds                  |  |
| Secord            | SeCan Association              |  |
| 25R40             | Pioneer Seeds                  |  |
| Marker            | Snobelen Farms                 |  |
| UGRC Ring         | Elite Seeds                    |  |
| UGRC C2-5         | Semican Inc                    |  |
| Cruze             | C & M Seeds                    |  |
| UGRC GL164        | Semican Inc                    |  |
| B654SRW           | Brevant Seeds                  |  |
| 25R61             | Pioneer Seeds                  |  |
| 25R74             | Pioneer Seeds                  |  |
| Blaze             | C & M Seeds                    |  |
| Hilliard          | C & M Seeds                    |  |
| OAC Constellation | SeCan Association              |  |
| UGRC Comet        | U. of Guelph, Ridgetown Campus |  |
| B700SRW           | Brevant Seeds                  |  |
| OAC Moon          | SeCan Association              |  |
| Hard Red Winter   |                                |  |
| Lexington         | C & M Seeds                    |  |
| PRO 81            | C & M Seeds                    |  |
| Adrianus          | C & M Seeds                    |  |
| Montcalm          | Semican Inc                    |  |

| DISTRIBUTOR                    | PHONE NUMBER   |
|--------------------------------|----------------|
| Advantage Seed Growers .....   | 1-519-440-6406 |
| Alliance Agri-Turf .....       | 1-800-268-4425 |
| Beatty Seeds .....             | 1-613-393-2333 |
| C&M Seeds .....                | 1-888-733-9432 |
| Cribit Seeds.....              | 1-519-664-3701 |
| Elite Seeds .....              | 1-519-282-6701 |
| Marc Bercier Cleaning Inc..... | 1-613-524-2981 |
| Pedigrain .....                | 1-819-347-7502 |
| Rosebank Seed Farms Inc.....   | 1-519-345-2697 |
| SeCan Association .....        | 1-866-797-7874 |
| Semences Prograin.....         | 1-800-817-3732 |
| Semican Inc.....               | 1-866-362-3385 |
| Snobelen Farms Ltd.....        | 1-519-528-2092 |
| Synagri .....                  | 1-450-799-3226 |

# Growers List



## OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991; \*\* listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

### AAC BANNER☼

New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On) ..... 705-647-3129 C

### AAC BLAKE☼

Cobden; Stone, Reuben & Keanan ..... 613-646-9737 R

### AAC BULLET

Bath; Miller Seed Farm ..... ivanmackinnon@gmail.com S F C  
Branchton; Szentimrey Seeds Ltd. .... peter@ssltld.ca S R  
Chesley; McDonald, Jamie ..... 519-377-0548 R  
Dublin; Russell T. Bolton & Sons ..... 519-525-6430 R C  
Lindsay; Midnight Acres ..... 705-878-8200 C  
Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com R C  
Ripley; Courtney Grain And Seed (2015) Ltd. .... 519-395-2972 C  
Thornton; Alliance Agri-Turf ..... ians@agri-turf.ca R  
West Montrose; Cribit Seeds ..... seeds@cribit.com S F C

### AAC CHANDLER☼

New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On) ..... 705-647-3129 F

### AAC NICOLAS☼

Kenabeek; Mc Lean, Marc ..... 705-648-3090 C  
New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On) ..... 705-647-3129 R  
New Liskeard; Phillips, Jack & Terry ..... tphilfam@hotmail.com R C

### AAC OAKLIN

Palmerston; Connell, Dale A., Mary Anne & James F. .... info@connellseeds.ca C

### AAC REID☼

Branchton; Szentimrey Seeds Ltd. .... peter@ssltld.ca S F R  
Lindsay; Midnight Acres ..... 705-878-8200 R  
Thornton; Alliance Agri-Turf ..... ians@agri-turf.ca R C  
West Montrose; Cribit Seeds ..... seeds@cribit.com S F R

### AAC STATURE☼

Kanata; Secan Association ..... twighting@secan.com S

### ALISE

St. Isidore; Bercier, Marc & Guillaume (On) ..... info@marcbecier.com S F R C

### CDC HAYMAKER☼

Emo; Purity Seeds Limited ..... 807-707-3717 C  
Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com R

### EVERLEAF 126

Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com C

### ORFORD

Lindsay; Midnight Acres ..... 705-878-8200 C

## SPRING BARLEY

### AAC VITALITY☼

Lindsay; Midnight Acres ..... 705-878-8200 C  
Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com S F

### AMBERLY

Staffa; Rosebank Seed Farms Ltd ..... 519-345-2697 C

### ARIBER☼

St. Isidore; Bercier, Marc & Guillaume (On) ..... info@marcbecier.com S F

## SPRING BARLEY

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### BADEN

Almonte; Cochran Seeds Almonte ..... cochranseeds1@gmail.com C  
Cobden; Stone, Reuben & Keanan ..... 613-646-9737 R  
Palmerston; Connell, Dale A., Mary Anne & James F. .... info@connellseeds.ca C

### BORNHOLM

Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com R

### DIGNITY

Bath; Miller Seed Farm ..... ivanmackinnon@gmail.com F C  
Lindsay; Midnight Acres ..... 705-878-8200 R C  
Palmerston; Connell, Dale A., Mary Anne & James F. .... info@connellseeds.ca C  
Ripley; Courtney Grain And Seed (2015) Ltd. .... 519-395-2972 R  
West Montrose; Cribit Seeds ..... seeds@cribit.com S F

### DS8126RB

Branchton; Szentimrey Seeds Ltd. .... peter@ssltld.ca R  
Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com C  
Thornton; Alliance Agri-Turf ..... ians@agri-turf.ca C

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## SPRING BARLEY

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### ESMA☼

|                                      |                          |       |
|--------------------------------------|--------------------------|-------|
| Almonte; Cochran Seeds Almonte ..... | cochranseeds1@gmail.com  | F R C |
| Bath; Miller Seed Farm .....         | ivanmackinnon@gmail.com  | R     |
| Chesley; McDonald, Jamie .....       | 519-377-0548             | R     |
| Lindsay; Midnight Acres .....        | 705-878-8200             | C     |
| Lucknow; Snobelen, Mike & Sam .....  | jeadie@snobelenfarms.com | C     |
| Thornton; Alliance Agri-Turf .....   | ians@agri-turf.ca        | C     |
| West Montrose; Cribit Seeds .....    | seeds@cribit.com         | F R   |

### HARMONY

|                                      |                |   |
|--------------------------------------|----------------|---|
| Saint-Hyacinthe; Synagri S.E.C. .... | www.synagri.ca | C |
|--------------------------------------|----------------|---|

### HY 621-6R

|                                    |                   |   |
|------------------------------------|-------------------|---|
| Thornton; Alliance Agri-Turf ..... | ians@agri-turf.ca | C |
|------------------------------------|-------------------|---|

### KWS KELLIE☼

|                                   |                  |   |
|-----------------------------------|------------------|---|
| West Montrose; Cribit Seeds ..... | seeds@cribit.com | R |
|-----------------------------------|------------------|---|

### MASSY☼

|                                     |                          |   |
|-------------------------------------|--------------------------|---|
| Lucknow; Snobelen, Mike & Sam ..... | jeadie@snobelenfarms.com | R |
|-------------------------------------|--------------------------|---|

### NORDBEC

|                                                                            |              |   |
|----------------------------------------------------------------------------|--------------|---|
| New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On) ..... | 705-647-3129 | F |
|----------------------------------------------------------------------------|--------------|---|

## SPRING WHEAT

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### AAC BRANDON☼

|                                 |              |   |
|---------------------------------|--------------|---|
| Emo; Purity Seeds Limited ..... | 807-707-3717 | C |
|---------------------------------|--------------|---|

### AAC SCOTIA☼

|                                                   |                     |   |
|---------------------------------------------------|---------------------|---|
| St. Isidore; Bercier, Marc & Guillaume (On) ..... | info@marcbecier.com | C |
|---------------------------------------------------|---------------------|---|

### FURANO

|                                                   |                          |       |
|---------------------------------------------------|--------------------------|-------|
| Palmerston; C & M Seeds .....                     | jwilliamson@redwheat.com | S F C |
| St. Isidore; Bercier, Marc & Guillaume (On) ..... | info@marcbecier.com      | R     |

### QUANTUM

|                                                  |                          |     |
|--------------------------------------------------|--------------------------|-----|
| Lucknow; Snobelen, Mike & Sam .....              | jeadie@snobelenfarms.com | F R |
| Palmerston; C & M Seeds .....                    | jwilliamson@redwheat.com | F   |
| Ripley; Courtney Grain And Seed (2015) Ltd. .... | 519-395-2972             | S F |

### RAVEN☼

|                               |                          |       |
|-------------------------------|--------------------------|-------|
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|-------------------------------|--------------------------|-------|

### STARLITE☼

|                                                   |                          |       |
|---------------------------------------------------|--------------------------|-------|
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### VENTRY

|                                                  |              |       |
|--------------------------------------------------|--------------|-------|
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|--------------------------------------------------|--------------|-------|

### WILKIN☼

|                               |                          |   |
|-------------------------------|--------------------------|---|
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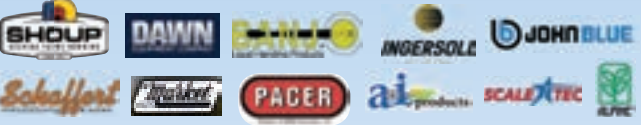
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# Corn Crops

## Corn Performance Trials Conducted by the Ontario Corn Committee

The ONTARIO CORN COMMITTEE is made up of representatives of Agriculture and Agri Food Canada, the Ontario Ministry of Agriculture, Food and Rural Affairs, the University of Guelph, the Ontario Soil and Crop Improvement Association, the Grain Farmers of Ontario and Seeds Canada. Hybrid Performance trials are conducted each year by the following cooperating agencies: Ridgetown Campus, University of Guelph; Plant Agriculture Department, University of Guelph; Winchester Research Station, University of Guelph, Kent Ag Research Inc., Agriculture and Agri-Food Canada at Ottawa.

For more information go to [www.GoCorn.net](http://www.GoCorn.net)

## Interpretation of Results

**Corn Heat Units** – Ratings for all areas of the province are based on the average heat unit accumulation for the period from May 1 to the date in the fall when the long-term average daily temperature falls below 12 C or an occurrence of -2 C, whichever comes first. Hybrid heat unit ratings have been assigned by the sponsoring company.

**% Lodging** – “Lodged Plants” includes plants with stalks that are broken below the ear and plants leaning such that the ear is in the adjacent row or otherwise unharvestable. Because all hybrids in a trial are harvested on the same date, the early hybrids within each table tend to show a greater amount of stalk breakage than do later hybrids. Stalk strength should be compared only with hybrids of the same maturity.

**% Moisture** – The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.

**LSD (0.10)** – The LSD is a measure of variability within the trial. There is a ninety percent probability that yield indices that differ by an amount greater than the LSD are different. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal. For example, if the LSD is 10, two hybrids with yield indexes of 110 and 101 should be considered to be equal.

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Performance evaluations are based on internal trials, field observations and/or public information. Data from multiple locations and years should be consulted whenever possible. Individual results may vary depending on local growing, soil, and weather conditions.

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# Ontario Performance Trial Data

## CORN

### Comments:

For more detailed information go to [www.GoCorn.net](http://www.GoCorn.net)

### Testing Methods

Hybrids entered in the Hybrid Corn Performance Trials are selected by the seed companies. A testing fee is charged per hybrid per replication. A hybrid must be entered in all trials within a table.

In each trial, hybrids are replicated in a suitable experimental design. Trials are machine planted with an excess of seed and thinned at an early growth stage to obtain a uniform population. A row width of 30 inches is used in all trials. Plots consist of four rows of which the middle two rows are harvested for yield. Fertilizer rates may be higher than those recommended by OMAFRA to compensate for any variability in soil nutrient supply.

Most of the hybrids entered in the trials were treated with a seed treatment to control soil insects. Hybrids that were not treated with are not identified in the report. There was no significant damage from soil insects at any of the locations.

To determine the percentage of lodged plant, a count is made, immediately before harvest, of all plants broken below the ear and all plants which are leaning such that the ear is in the adjacent row or is otherwise unharvestable.

The moisture percentage of the grain is measured at harvest time. The weight of grain harvested from each plot is determined and the yield of shelled corn is calculated at 15% moisture. Test weights are recorded either during harvest, using combine-mounted monitoring equipment, or in the laboratory, using accepted procedures.

The index in the tables indicates a percent of the average of all hybrids included in the trial(s). Index figures above 100 reflect the percentage by which a hybrid is above the average, and index figures below 100 show the percent below average. Small differences in index (i.e. less than the LSD shown at the bottom of the table) are not significant. When a hybrid has a higher index over two years, this difference is probably real and should be considered when choosing a hybrid.

Hybrid selection should be based on the most data available. Greater emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

The average yield for each table is given in bushels per acre. You can calculate the actual yield for a hybrid by multiplying the average yield times its yield index and dividing by 100.

The average test weight is given in kg/hl (kilograms per hectoliter). You can calculate the actual test weight of a hybrid by multiplying the average test weight times its test weight index and dividing by 100.

Within each table, hybrids are identified by brand and/or hybrid number or name. Hybrids are listed in approximate order of maturity based on heat unit ratings provided by the companies.

### Explanation of Codes for Special Genetic Traits

| Code | GM Traits              |
|------|------------------------|
| 0    | Conventional Hybrid    |
| 4    | Roundup Ready Corn 2   |
| 6    | VT Double PRO          |
| 8    | SmartStax              |
| 14   | Agrisure GT            |
| 20   | Agrisure Viptera 3111  |
| 24   | Optimum AcreMax Xtreme |
| 25   | Optimum AcreMax Xtra   |
| 27   | Viptera                |
| 28   | Agrisure Above         |
| 30   | PowerCore Enlist       |
| 31   | SmartStax Enlist       |
| 32   | Trecepta               |
| 33   | Duracade               |
| 34   | DuracadeViptera        |
| 36   | Qrome                  |
| 37   | Optimum AcreMax Leptra |

### Notes:

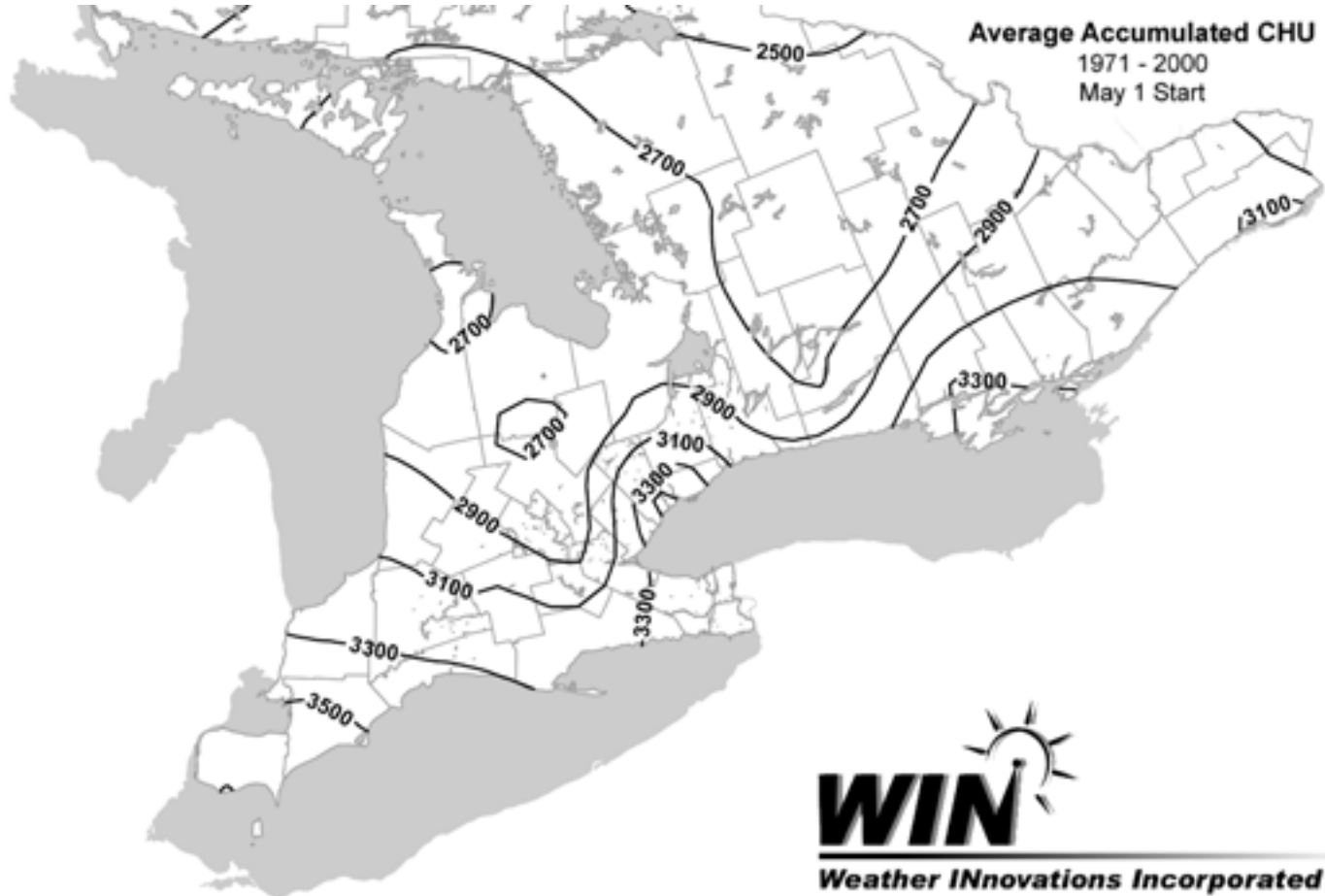
The Ontario Corn Committee does not assess hybrids for Special Genetic Traits. Hybrid descriptions are based on information received from corn companies, as of November 2022. Although the Ontario Corn Committee believes the information contained in this report is accurate, growers are advised to consult dealers of the respective hybrids and products before making purchasing or management decisions. All hybrids included in this report have been fully approved for food and feed use in Canada and the United States. However, a number have not been approved for use in the European Union. Corn harvested from these non-EU approved hybrids must be delivered to a market that will not ship the grain or its processed products to Europe. For more information, contact your seed supplier. Information regarding the genetic traits carried by all commercially available hybrids and their acceptability for export can also be obtained from the Seeds Canada's "List of Corn Hybrids Commercially Available in Canada" at: <https://seeds-canada.ca/corn-hybrid-database/>

### Explanation of Seed Treatment Codes

| Seed Treatments |                  |
|-----------------|------------------|
| —               | No Treatment     |
| A               | Acceleron 250    |
| C               | Cruiser Maxx 250 |
| F               | Fortenza         |
| L               | Lumivia          |
| P               | Poncho 250       |

CORN HEAT UNIT MAP

C  
O  
R  
N  
  
C  
R  
O  
P  
S



CHU Ratings are based on the average heat unit accumulation for the period from May 1 to the date in the fall when the long-term average daily temperature falls below 12° C or an occurrence of -2° C, whichever comes first.

DISTRIBUTOR CONTACTS — Seed Corn

|               |                |                   |                |
|---------------|----------------|-------------------|----------------|
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| CROPLAN ..... | 1-613-323-6846 | NK Brand.....     | 1-800-756-SEED |
| De Dell.....  | 1-519-264-2676 | Pioneer .....     | 1-800-265-9435 |
| DEKALB .....  | 1-888-283-6847 | PRIDE Seeds ..... | 1-519-354-3210 |
| DLF .....     | 1-705-878-9240 | Saatbau .....     | 1-514-609-0881 |
| Horizon ..... | 1-519-842-5538 |                   |                |

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# CORN — Orangeville, Dundalk

| CHU                                | Brand and/or Hybrid |                 | GM Trait | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|------------------------------------|---------------------|-----------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|                                    |                     |                 |          |          | average of 4 trials             |         |       |               | average of 2 trials        |         |       |               |
|                                    |                     |                 |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2075                               | Pioneer             | P7389AM         | 23       | L        |                                 |         |       |               |                            |         |       |               |
| 2150                               | Pioneer             | P7574AM         | 23       | L        | 90                              | 23.4    | 0     | 105           | 89                         | 23.7    | 0     | 106           |
| 2225                               | Pioneer             | P7844AM         | 23       | L        | 93                              | 23.4    | 0     | 103           | 92                         | 22.4    | 0     | 104           |
| 2300                               | Brevant             | B79H45AM        | 23       | L        | 94                              | 24.9    | 0     | 101           | 96                         | 24.4    | 0     | 103           |
| 2300                               | Maizex              | MZ 1544DBR      | 6        | F        |                                 |         |       |               | 95                         | 23.0    | 0     | 102           |
| 2300                               | Maizex              | MZ 1688DBR      | 6        | F        |                                 |         |       |               | 96                         | 25.5    | 0     | 102           |
| 2375                               | CROPLAN             | CP2180VT2P      | 6        | F        | 99                              | 24.3    | 0     | 100           | 100                        | 24.1    | 0     | 101           |
| 2400                               | Pioneer             | P8294AM         | 23       | L        | 98                              | 24.0    | 0     | 102           | 98                         | 23.8    | 0     | 103           |
| 2425                               | Brevant             | B83R36AM        | 23       | L        | 93                              | 25.5    | 0     | 99            | 91                         | 25.1    | 0     | 100           |
| 2425                               | De Dell             | DL 1100         | 0        | —        | 91                              | 25.7    | 0     | 105           | 86                         | 25.7    | 0     | 105           |
| 2450                               | Brevant             | B85V67AM        | 23       | L        |                                 |         |       |               |                            |         |       |               |
| 2450                               | CROPLAN             | 2288VT2P/RIB    | 6        | F        | 92                              | 25.7    | 0     | 102           | 92                         | 24.4    | 0     | 102           |
| 2450                               | De Dell             | Devour          | 0        | —        | 99                              | 26.8    | 0     | 102           | 99                         | 25.4    | 0     | 103           |
| 2450                               | DEKALB              | DKC32-49RIB     | 6        | L        |                                 |         |       |               | 102                        | 24.1    | 0     | 101           |
| 2450                               | Maizex              | MZ 2266DBR      | 6        | F        |                                 |         |       |               | 101                        | 24.6    | 0     | 104           |
| 2450                               | Pioneer             | P8407AM         | 23       | L        | 100                             | 27.0    | 0     | 97            | 98                         | 26.5    | 0     | 97            |
| 2450                               | Saatbau             | ATLANTICO       | 0        | C        | 107                             | 27.2    | 0     | 104           | 107                        | 27.2    | 0     | 104           |
| 2475                               | DLF                 | PS 2562VT2P RIB | 6        | L        | 97                              | 25.6    | 0     | 100           | 101                        | 24.7    | 0     | 100           |
| 2500                               | CROPLAN             | CP2315VT2P/RIB  | 6        | F        | 101                             | 25.1    | 0     | 100           | 102                        | 25.4    | 0     | 101           |
| 2550                               | Horizon             | HZ 2534         | 27       | F        | 105                             | 26.8    | 0     | 101           | 106                        | 26.4    | 0     | 101           |
| 2550                               | Maizex              | MZ 2452DUR      | 33       | F        |                                 |         |       |               | 98                         | 28.0    | 0     | 99            |
| 2550                               | NK Brand            | NK8204-V        | 27       | F        | 96                              | 25.8    | 0     | 102           | 98                         | 25.7    | 0     | 102           |
| 2550                               | Pioneer             | P8537AM         | 23       | L        | 93                              | 26.3    | 0     | 100           | 87                         | 25.5    | 0     | 100           |
| 2550                               | Pioneer             | P8736AM         | 23       | L        | 99                              | 26.6    | 0     | 98            | 97                         | 26.9    | 0     | 98            |
| 2575                               | DEKALB              | DKC35-29RIB     | 6        | L        | 104                             | 26.2    | 0     | 101           | 102                        | 25.4    | 0     | 101           |
| 2575                               | DEKALB              | DKC35-34RIB     | 8        | L        |                                 |         |       |               | 101                        | 25.4    | 0     | 99            |
| 2575                               | DLF                 | PS 2570VT2P RIB | 6        | L        | 103                             | 26.3    | 0     | 101           | 96                         | 25.4    | 0     | 101           |
| 2575                               | PRIDE Seeds         | A5225G2 RIB     | 6        | F        | 96                              | 25.1    | 0     | 102           | 99                         | 23.8    | 0     | 102           |
| 2600                               | DEKALB              | DKC36-48RIB     | 6        | L        | 111                             | 26.6    | 0     | 100           | 112                        | 26.8    | 0     | 99            |
| 2600                               | Maizex              | MZ 269          | 0        | F        |                                 |         |       |               | 112                        | 25.9    | 0     | 99            |
| 2600                               | Maizex              | MZ 2699DBR      | 6        | F        | 107                             | 26.7    | 0     | 99            | 108                        | 26.3    | 0     | 98            |
| 2600                               | Saatbau             | EGIDIO          | 0        | C        | 102                             | 26.7    | 0     | 97            | 97                         | 26.3    | 0     | 97            |
| 2625                               | CROPLAN             | CP2585VT2P      | 6        | F        |                                 |         |       |               | 98                         | 26.8    | 0     | 99            |
| 2625                               | De Dell             | DL 2315         | 0        | —        |                                 |         |       |               | 107                        | 26.9    | 0     | 99            |
| 2625                               | DLF                 | PS 2777RR       | 4        | L        | 103                             | 27.9    | 0     | 98            | 102                        | 27.4    | 0     | 97            |
| 2625                               | PRIDE Seeds         | A5292G8 RIB     | 8        | F        |                                 |         |       |               | 104                        | 26.9    | 0     | 101           |
| 2650                               | DEKALB              | DKC37-73RIB     | 6        | A        | 103                             | 26.7    | 0     | 99            | 101                        | 26.4    | 0     | 99            |
| 2650                               | NK Brand            | NK8519-DV       | 34       | F        | 97                              | 27.9    | 0     | 98            | 98                         | 27.9    | 0     | 97            |
| 2650                               | NK Brand            | NK8618-D        | 33       | F        | 102                             | 27.6    | 0     | 99            | 100                        | 27.4    | 0     | 98            |
| 2650                               | NK Brand            | NK8760-V        | 27       | F        |                                 |         |       |               | 103                        | 28.7    | 0     | 99            |
| 2650                               | PRIDE Seeds         | A5404G2 RIB     | 6        | F        | 100                             | 26.8    | 0     | 99            | 103                        | 26.6    | 0     | 98            |
| 2675                               | DEKALB              | DKC38-15RIB     | 32       | L        | 98                              | 27.3    | 0     | 98            | 92                         | 27.1    | 0     | 97            |
| 2675                               | Horizon             | HZ 3135         | 14       | F        |                                 |         |       |               | 97                         | 31.4    | 0     | 98            |
| 2675                               | Maizex              | MZ 2982DBR      | 6        | F        | 110                             | 28.2    | 0     | 98            | 110                        | 27.9    | 0     | 98            |
| 2675                               | PRIDE Seeds         | A5383G8 RIB     | 8        | F        | 99                              | 27.2    | 0     | 100           | 99                         | 27.0    | 0     | 100           |
| 2700                               | DLF                 | PS 2778VT2P RIB | 6        | L        | 105                             | 27.0    | 0     | 99            | 102                        | 26.9    | 0     | 97            |
| 2725                               | DEKALB              | DKC39-55RIB     | 6        | L        | 108                             | 27.5    | 0     | 98            | 109                        | 27.2    | 0     | 98            |
| 2725                               | DLF                 | PS 2767VT2P RIB | 6        | L        |                                 |         |       |               | 115                        | 28.9    | 0     | 97            |
| 2725                               | NK Brand            | NK9023-DV       | 34       | F        | 101                             | 29.2    | 0     | 97            | 101                        | 29.0    | 0     | 97            |
| 2750                               | NK Brand            | NK9175-DV       | 34       | F        |                                 |         |       |               | 103                        | 30.7    | 0     | 97            |
| 2800                               | DEKALB              | DKC42-05RIB     | 6        | L        | 106                             | 28.9    | 0     | 97            | 102                        | 29.4    | 0     | 97            |
| LSD (0.10) for Yield Index Points* |                     |                 |          |          | 4                               |         |       |               | 6                          |         |       |               |
| Average all hybrids†               |                     |                 |          |          | 221                             | 26.4    | 0     | 68            | 221                        | 26.3    | 0     | 68            |

<sup>1</sup> Orangeville 2021-2022, Dundalk 2021-2022

<sup>2</sup> Orangeville, Dundalk

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

| Results of 2022 Performance Trials |                     |                 |             |         |       |             |         |       |
|------------------------------------|---------------------|-----------------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |                 | DUNDALK     |         |       | ORANGEVILLE |         |       |
| CHU                                | Brand and/or Hybrid |                 | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2075                               | Pioneer             | P7389AM         | 83          | 21.2    | 0     |             |         |       |
| 2150                               | Pioneer             | P7574AM         | 92          | 24.1    | 0     | 86          | 23.2    | 0     |
| 2225                               | Pioneer             | P7844AM         | 88          | 22.9    | 0     | 96          | 21.9    | 0     |
| 2300                               | Brevant             | B79H45AM        | 101         | 24.0    | 0     | 91          | 24.8    | 0     |
| 2300                               | Maizex              | MZ 1544DBR      | 101         | 23.8    | 0     | 90          | 22.3    | 0     |
| 2300                               | Maizex              | MZ 1688DBR      | 95          | 26.2    | 0     | 97          | 24.7    | 0     |
| 2375                               | CROPLAN             | CP2180VT2P      | 101         | 23.5    | 0     | 100         | 24.8    | 0     |
| 2400                               | Pioneer             | P8294AM         | 102         | 23.8    | 0     | 94          | 23.8    | 0     |
| 2425                               | Brevant             | B83R36AM        | 94          | 24.7    | 0     | 89          | 25.4    | 0     |
| 2425                               | De Dell             | DL 1100         | 81          | 26.1    | 0     | 92          | 25.3    | 0     |
| 2450                               | Brevant             | B85V67AM        | 93          | 29.2    | 0     |             |         |       |
| 2450                               | CROPLAN             | 2288VT2P/RIB    | 91          | 23.8    | 0     | 92          | 25.1    | 0     |
| 2450                               | De Dell             | Devour          | 102         | 25.9    | 0     | 98          | 25.0    | 0     |
| 2450                               | DEKALB              | DKC32-49RIB     | 106         | 24.0    | 0     | 98          | 24.1    | 0     |
| 2450                               | Maizex              | MZ 2266DBR      | 105         | 25.0    | 0     | 97          | 24.3    | 0     |
| 2450                               | Pioneer             | P8407AM         | 101         | 27.2    | 0     | 95          | 25.7    | 0     |
| 2450                               | Saatbau             | ATLANTICO       | 104         | 28.0    | 0     | 111         | 26.4    | 0     |
| 2475                               | DLF                 | PS 2562VT2P RIB | 101         | 24.7    | 0     | 101         | 24.7    | 0     |
| 2500                               | CROPLAN             | CP2315VT2P/RIB  | 101         | 25.7    | 0     | 103         | 25.0    | 0     |
| 2550                               | Horizon             | HZ 2534         | 104         | 25.9    | 0     | 110         | 27.0    | 0     |
| 2550                               | Maizex              | MZ 2452DUR      | 95          | 29.0    | 0     | 101         | 27.0    | 0     |
| 2550                               | NK Brand            | NK8204-V        | 97          | 25.5    | 0     | 99          | 25.9    | 0     |
| 2550                               | Pioneer             | P8537AM         | 88          | 25.7    | 0     | 88          | 25.2    | 0     |
| 2550                               | Pioneer             | P8736AM         | 94          | 26.6    | 0     | 101         | 27.1    | 0     |
| 2575                               | DEKALB              | DKC35-29RIB     | 104         | 24.6    | 0     | 101         | 26.1    | 0     |
| 2575                               | DEKALB              | DKC35-34RIB     | 99          | 26.0    | 0     | 103         | 24.9    | 0     |
| 2575                               | DLF                 | PS 2570VT2P RIB | 97          | 25.0    | 0     | 95          | 25.7    | 0     |
| 2575                               | PRIDE Seeds         | A5225G2 RIB     | 99          | 23.7    | 0     | 98          | 23.9    | 0     |
| 2600                               | DEKALB              | DKC36-48RIB     | 114         | 26.0    | 0     | 110         | 27.6    | 0     |
| 2600                               | Maizex              | MZ 269          | 109         | 25.1    | 0     | 115         | 26.7    | 0     |
| 2600                               | Maizex              | MZ 2699DBR      | 107         | 25.5    | 0     | 109         | 27.1    | 0     |
| 2600                               | Saatbau             | EGIDIO          | 98          | 26.3    | 0     | 96          | 26.4    | 0     |
| 2625                               | CROPLAN             | CP2585VT2P      | 91          | 27.3    | 0     | 105         | 26.2    | 0     |
| 2625                               | De Dell             | DL 2315         | 108         | 27.3    | 0     | 106         | 26.6    | 0     |
| 2625                               | DLF                 | PS 2777RR       | 104         | 26.8    | 0     | 100         | 28.0    | 0     |
| 2625                               | PRIDE Seeds         | A5292G8 RIB     | 105         | 26.0    | 0     | 104         | 27.8    | 0     |
| 2650                               | DEKALB              | DKC37-73RIB     | 103         | 25.4    | 0     | 100         | 27.5    | 0     |
| 2650                               | NK Brand            | NK8519-DV       | 100         | 29.0    | 0     | 95          | 26.8    | 0     |
| 2650                               | NK Brand            | NK8618-D        | 99          | 28.7    | 0     | 101         | 26.1    | 0     |
| 2650                               | NK Brand            | NK8760-V        | 101         | 30.0    | 0     | 104         | 27.4    | 0     |
| 2650                               | PRIDE Seeds         | A5404G2 RIB     | 105         | 27.8    | 0     | 101         | 25.4    | 0     |
| 2675                               | DEKALB              | DKC38-15RIB     | 88          | 27.9    | 0     | 97          | 26.2    | 0     |
| 2675                               | Horizon             | HZ 3135         | 98          | 32.4    | 0     | 97          | 30.3    | 0     |
| 2675                               | Maizex              | MZ 2982DBR      | 110         | 28.5    | 0     | 110         | 27.4    | 0     |
| 2675                               | PRIDE Seeds         | A5383G8 RIB     | 103         | 27.3    | 0     | 94          | 26.7    | 0     |
| 2700                               | DLF                 | PS 2778VT2P RIB | 102         | 25.6    | 0     | 103         | 28.1    | 0     |
| 2725                               | DEKALB              | DKC39-55RIB     | 108         | 28.1    | 0     | 109         | 26.3    | 0     |
| 2725                               | DLF                 | PS 2767VT2P RIB | 116         | 27.7    | 0     | 114         | 30.0    | 0     |
| 2725                               | NK Brand            | NK9023-DV       | 102         | 30.2    | 0     | 101         | 27.8    | 0     |
| 2750                               | NK Brand            | NK9175-DV       | 105         | 30.4    | 0     | 102         | 31.0    | 0     |
| 2800                               | DEKALB              | DKC42-05RIB     | 103         | 29.0    | 0     | 101         | 29.7    | 0     |
| LSD (0.10) for Yield Index Points* |                     |                 | 9           |         |       | 8           |         |       |
| Average all hybrids†               |                     |                 | 216         | 26.4    | 0     | 225         | 26.2    | 0     |

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

**Note:** The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

# CORN — Elora, Port Hope, Winchester, Wingham

| CHU  | Brand and/or Hybrid | GM Trait        | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |     |
|------|---------------------|-----------------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|-----|
|      |                     |                 |          | average of 8 trials             |         |       |               | average of 4 trials        |         |       |               |     |
|      |                     |                 |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |     |
| 2300 | Brevant             | B79H45AM        | 23       | L                               | 88      | 20.2  |               | 104                        | 88      | 19.5  |               | 105 |
| 2425 | Brevant             | B83R36AM        | 23       | L                               |         |       |               |                            | 91      | 20.3  |               | 101 |
| 2450 | Brevant             | B85V67AM        | 23       | L                               |         |       |               |                            | 96      | 20.5  |               | 100 |
| 2450 | Pioneer             | P8407AM         | 23       | L                               | 96      | 21.1  |               | 101                        | 97      | 20.0  |               | 101 |
| 2550 | Pioneer             | P8537AM         | 23       | L                               | 91      | 20.9  |               | 103                        | 89      | 19.8  |               | 104 |
| 2550 | Pioneer             | P8736AM         | 23       | L                               | 96      | 21.1  |               | 101                        | 97      | 20.4  |               | 102 |
| 2600 | Maizex              | MZ 269          | 0        | F                               | 97      | 21.4  |               | 102                        | 100     | 20.1  |               | 102 |
| 2600 | Maizex              | MZ 2699DBR      | 6        | F                               | 97      | 21.3  |               | 101                        | 96      | 20.3  |               | 102 |
| 2600 | Pioneer             | P8602AM         | 23       | L                               |         |       |               |                            |         |       |               |     |
| 2600 | Pioneer             | P8859AM         | 23       | L                               |         |       |               |                            | 99      | 20.7  |               | 100 |
| 2625 | CROPLAN             | CP2585VT2P      | 6        | F                               |         |       |               |                            | 91      | 19.7  |               | 103 |
| 2625 | De Dell             | DL 2315         | 0        | —                               | 95      | 21.5  |               | 103                        | 93      | 20.7  |               | 104 |
| 2650 | Brevant             | B90J12AM        | 23       | L                               | 98      | 21.5  |               | 98                         | 98      | 20.8  |               | 99  |
| 2650 | Brevant             | B91T25AM        | 23       | L                               | 103     | 22.5  |               | 99                         | 99      | 21.7  |               | 100 |
| 2650 | CROPLAN             | 2790VT2P/RIB    | 6        | F                               | 97      | 21.4  |               | 101                        | 99      | 20.7  |               | 102 |
| 2650 | Maizex              | MZ 2711DBR      | 6        | F                               | 97      | 21.8  |               | 100                        | 99      | 20.9  |               | 101 |
| 2650 | NK Brand            | NK8519-DV       | 34       | F                               |         |       |               |                            | 95      | 21.0  |               | 101 |
| 2650 | NK Brand            | NK8618-D        | 33       | F                               | 95      | 22.1  |               | 102                        | 94      | 21.7  |               | 103 |
| 2650 | NK Brand            | NK8760-V        | 27       | F                               |         |       |               |                            | 95      | 21.6  |               | 101 |
| 2650 | Pioneer             | P9026AM         | 23       | L                               |         |       |               |                            | 102     | 21.2  |               | 102 |
| 2650 | Pioneer             | P9188AM         | 23       | L                               | 98      | 22.0  |               | 102                        | 100     | 21.0  |               | 102 |
| 2675 | CROPLAN             | CP2851VT2P/RIB  | 6        | F                               | 93      | 21.8  |               | 101                        | 93      | 20.8  |               | 101 |
| 2675 | Maizex              | MZ 2982DBR      | 6        | F                               | 101     | 22.6  |               | 99                         | 103     | 22.2  |               | 99  |
| 2700 | CROPLAN             | 2965VT2P/RIB    | 6        | F                               | 95      | 21.9  |               | 102                        | 97      | 21.2  |               | 101 |
| 2700 | CROPLAN             | CP3166VT2P      | 6        | F                               | 98      | 23.5  |               | 97                         | 97      | 23.1  |               | 98  |
| 2700 | DLF                 | PS 2778VT2P RIB | 6        | L                               | 97      | 21.4  |               | 101                        | 99      | 20.8  |               | 101 |
| 2700 | Horizon             | HZ 3015         | 0        | F                               | 100     | 21.8  |               | 101                        | 98      | 20.7  |               | 101 |
| 2700 | Horizon             | HZ 3050         | 33       | F                               |         |       |               |                            | 96      | 21.9  |               | 99  |
| 2725 | Brevant             | B92R26AM        | 23       | L                               | 100     | 22.6  |               | 96                         | 100     | 21.9  |               | 97  |
| 2725 | CROPLAN             | CP2972SS        | 8        | F                               |         |       |               |                            | 96      | 21.6  |               | 101 |
| 2725 | DEKALB              | DKC39-55RIB     | 6        | L                               | 104     | 22.3  |               | 101                        | 104     | 21.4  |               | 101 |
| 2725 | DEKALB              | DKC40-99RIB     | 32       | L                               | 102     | 22.5  |               | 99                         | 104     | 21.7  |               | 100 |
| 2725 | DLF                 | PS 2767VT2P RIB | 6        | L                               | 102     | 21.7  |               | 100                        | 105     | 21.1  |               | 100 |
| 2725 | Maizex              | MZ 3117DBR      | 6        | F                               | 103     | 23.0  |               | 98                         | 105     | 22.3  |               | 97  |
| 2725 | NK Brand            | NK9023-DV       | 34       | F                               | 100     | 22.3  |               | 99                         | 100     | 21.6  |               | 100 |
| 2725 | Pioneer             | P9233AM         | 23       | L                               | 99      | 22.9  |               | 100                        | 99      | 21.8  |               | 101 |
| 2725 | PRIDE Seeds         | A5959G2 RIB     | 6        | F                               | 102     | 21.9  |               | 100                        | 104     | 21.4  |               | 100 |
| 2750 | De Dell             | DL 3146         | 0        | —                               | 99      | 22.3  |               | 101                        | 97      | 21.5  |               | 101 |
| 2750 | DLF                 | PS 2745VT2P RIB | 6        | L                               | 101     | 23.3  |               | 99                         | 101     | 22.4  |               | 99  |
| 2750 | Horizon             | HZ 3245         | 27       | F                               | 101     | 22.7  |               | 101                        | 97      | 21.9  |               | 100 |
| 2750 | Horizon             | HZ 3260         | 0        | F                               |         |       |               |                            | 98      | 21.3  |               | 98  |
| 2750 | Maizex              | MZ 3120SMX      | 8        | F                               |         |       |               |                            | 104     | 22.5  |               | 100 |
| 2750 | Maizex              | MZ 314          | 0        | F                               | 102     | 23.8  |               | 98                         | 97      | 23.0  |               | 97  |
| 2750 | Maizex              | MZ 3314SMX      | 8        | F                               |         |       |               |                            | 102     | 22.2  |               | 99  |
| 2750 | NK Brand            | NK9175-DV       | 34       | F                               | 106     | 23.1  |               | 101                        | 103     | 23.0  |               | 100 |
| 2750 | Pioneer             | P9301AM         | 23       | L                               | 100     | 22.6  |               | 102                        | 102     | 21.8  |               | 103 |
| 2750 | PRIDE Seeds         | A5925           | 0        | F                               | 97      | 22.4  |               | 100                        | 97      | 21.5  |               | 100 |
| 2750 | PRIDE Seeds         | A5977G8 RIB     | 8        | F                               |         |       |               |                            | 99      | 20.8  |               | 102 |
| 2750 | Saatbau             | SL27088         | 0        | C                               |         |       |               |                            | 100     | 22.4  |               | 102 |
| 2775 | NK Brand            | NK9347-D        | 33       | F                               |         |       |               |                            | 102     | 23.3  |               | 97  |
| 2800 | CROPLAN             | CP3341SS        | 8        | F                               |         |       |               |                            | 100     | 21.8  |               | 99  |
| 2800 | CROPLAN             | CP3490VT2P      | 6        | F                               | 101     | 24.2  |               | 98                         | 100     | 23.5  |               | 97  |
| 2800 | DEKALB              | DKC42-05RIB     | 6        | L                               | 106     | 22.7  |               | 98                         | 107     | 22.2  |               | 98  |
| 2800 | Horizon             | HZ 3375         | 27       | F                               |         |       |               |                            | 96      | 23.1  |               | 97  |
| 2800 | Horizon             | HZ 3386         | 33       | F                               | 97      | 23.2  |               | 99                         | 97      | 22.1  |               | 99  |
| 2800 | PRIDE Seeds         | A6018G2 RIB     | 6        | F                               | 102     | 23.0  |               | 99                         | 103     | 21.9  |               | 99  |
| 2825 | CROPLAN             | 3575VT2P/RIB    | 6        | F                               | 101     | 23.7  |               | 101                        | 102     | 23.0  |               | 100 |
| 2825 | DEKALB              | DKC42-90RIB     | 6        | L                               |         |       |               |                            | 107     | 22.1  |               | 101 |
| 2825 | DLF                 | PS 2839VT2P RIB | 6        | L                               | 100     | 23.4  |               | 98                         | 101     | 22.9  |               | 99  |
| 2825 | DLF                 | PS 2883TRE RIB  | 32       | L                               | 103     | 23.3  |               | 98                         | 103     | 22.8  |               | 98  |

|      |                     |                 | Results of 2022 Performance Trials |         |       |              |         |       |               |         |       |             |         |       |
|------|---------------------|-----------------|------------------------------------|---------|-------|--------------|---------|-------|---------------|---------|-------|-------------|---------|-------|
|      |                     |                 | ELORA                              |         |       | PORT HOPE T2 |         |       | WINCHESTER T2 |         |       | WINGHAM     |         |       |
| CHU  | Brand and/or Hybrid |                 | Yield Index                        | Moist % | Ldg % | Yield Index  | Moist % | Ldg % | Yield Index   | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2300 | Brevant             | B79H45AM        | 85                                 | 22.9    | 0     | 88           | 16.1    | 1     | 90            | 19.8    |       | 88          | 19.4    | 1     |
| 2425 | Brevant             | B83R36AM        | 95                                 | 25.3    | 0     | 91           | 17.1    | 1     | 89            | 19.1    |       | 89          | 19.8    | 0     |
| 2450 | Brevant             | B85V67AM        | 94                                 | 23.9    | 0     | 96           | 16.8    | 0     | 104           | 20.0    |       | 90          | 21.1    | 0     |
| 2450 | Pioneer             | P8407AM         | 104                                | 23.8    | 0     | 95           | 16.4    | 0     | 95            | 19.6    |       | 97          | 20.3    | 0     |
| 2550 | Pioneer             | P8537AM         | 90                                 | 22.6    | 0     | 87           | 16.7    | 0     | 94            | 19.3    |       | 85          | 20.4    | 1     |
| 2550 | Pioneer             | P8736AM         | 88                                 | 24.0    | 0     | 96           | 16.9    | 0     | 100           | 19.6    |       | 102         | 21.0    | 0     |
| 2600 | Maizex              | MZ 269          | 102                                | 23.4    | 0     | 104          | 16.8    | 1     | 95            | 18.7    |       | 99          | 21.7    | 0     |
| 2600 | Maizex              | MZ 2699DBR      | 102                                | 24.7    | 0     | 97           | 16.3    | 0     | 94            | 19.2    |       | 93          | 21.0    | 0     |
| 2600 | Pioneer             | P8602AM         |                                    |         |       | 104          | 18.2    | 0     | 104           | 22.3    |       | 96          | 21.8    | 0     |
| 2600 | Pioneer             | P8859AM         | 94                                 | 25.1    | 0     | 97           | 16.4    | 1     | 102           | 19.3    |       | 101         | 21.9    | 0     |
| 2625 | CROPLAN             | CP2585VT2P      | 90                                 | 23.5    | 0     | 92           | 16.5    | 0     | 93            | 18.9    |       | 91          | 20.0    | 0     |
| 2625 | De Dell             | DL 2315         | 98                                 | 23.3    | 0     | 88           | 17.4    | 1     | 88            | 19.6    |       | 100         | 22.6    | 0     |
| 2650 | Brevant             | B90J12AM        | 99                                 | 25.1    | 0     | 90           | 16.5    | 1     | 104           | 19.5    |       | 98          | 21.9    | 0     |
| 2650 | Brevant             | B91T25AM        | 93                                 | 25.3    | 0     | 102          | 17.2    | 0     | 104           | 21.8    |       | 95          | 22.5    | 0     |
| 2650 | CROPLAN             | 2790VT2P/RIB    | 104                                | 24.0    | 0     | 106          | 17.3    | 0     | 100           | 19.6    |       | 86          | 21.7    | 0     |
| 2650 | Maizex              | MZ 2711DBR      | 97                                 | 25.9    | 0     | 100          | 16.8    | 0     | 99            | 19.6    |       | 101         | 21.1    | 0     |
| 2650 | NK Brand            | NK8519-DV       | 93                                 | 25.2    | 0     | 100          | 17.4    | 0     | 92            | 20.4    |       | 97          | 21.2    | 0     |
| 2650 | NK Brand            | NK8618-D        | 94                                 | 25.2    | 0     | 89           | 18.4    | 0     | 95            | 21.3    |       | 95          | 22.0    | 0     |
| 2650 | NK Brand            | NK8760-V        | 95                                 | 24.7    | 0     | 98           | 17.9    | 0     | 95            | 21.2    |       | 94          | 22.5    | 0     |
| 2650 | Pioneer             | P9026AM         | 96                                 | 24.4    | 0     | 101          | 17.3    | 0     | 104           | 20.1    |       | 106         | 23.2    | 0     |
| 2650 | Pioneer             | P9188AM         | 109                                | 24.3    | 0     | 96           | 16.9    | 0     | 98            | 20.7    |       | 98          | 22.2    | 0     |
| 2675 | CROPLAN             | CP2851VT2P/RIB  | 96                                 | 25.5    | 0     | 93           | 16.5    | 1     | 98            | 20.1    |       | 87          | 21.3    | 0     |
| 2675 | Maizex              | MZ 2982DBR      | 99                                 | 25.7    | 0     | 102          | 17.0    | 0     | 104           | 22.8    |       | 107         | 23.2    | 0     |
| 2700 | CROPLAN             | 2965VT2P/RIB    | 93                                 | 25.8    | 0     | 100          | 16.9    | 0     | 98            | 19.9    |       | 97          | 22.3    | 0     |
| 2700 | CROPLAN             | CP3166VT2P      | 102                                | 26.7    | 0     | 99           | 17.6    | 0     | 99            | 25.2    |       | 89          | 22.8    | 0     |
| 2700 | DLF                 | PS 2778VT2P RIB | 99                                 | 25.1    | 0     | 103          | 16.6    | 0     | 99            | 19.5    |       | 95          | 22.1    | 0     |
| 2700 | Horizon             | HZ 3015         | 104                                | 23.2    | 0     | 95           | 17.2    | 5     | 91            | 20.5    |       | 104         | 21.8    | 0     |
| 2700 | Horizon             | HZ 3050         | 90                                 | 24.7    | 0     | 94           | 18.1    | 3     | 92            | 21.9    |       | 108         | 22.9    | 0     |
| 2725 | Brevant             | B92R26AM        | 102                                | 27.0    | 0     | 102          | 16.6    | 0     | 102           | 20.8    |       | 92          | 23.2    | 0     |
| 2725 | CROPLAN             | CP2972SS        | 101                                | 25.1    | 0     | 91           | 17.0    | 0     | 101           | 22.4    |       | 91          | 21.7    | 0     |
| 2725 | DEKALB              | DKC39-55RIB     | 102                                | 25.5    | 0     | 98           | 16.4    | 0     | 102           | 20.4    |       | 114         | 23.4    | 0     |
| 2725 | DEKALB              | DKC40-99RIB     | 107                                | 27.4    | 0     | 107          | 17.4    | 0     | 103           | 19.9    |       | 100         | 22.1    | 0     |
| 2725 | DLF                 | PS 2767VT2P RIB | 112                                | 25.5    | 0     | 107          | 16.5    | 0     | 101           | 19.9    |       | 101         | 22.4    | 0     |
| 2725 | Maizex              | MZ 3117DBR      | 104                                | 26.4    | 0     | 106          | 17.2    | 0     | 103           | 21.2    |       | 109         | 24.4    | 0     |
| 2725 | NK Brand            | NK9023-DV       | 96                                 | 26.1    | 0     | 101          | 17.5    | 0     | 99            | 20.5    |       | 103         | 22.4    | 0     |
| 2725 | Pioneer             | P9233AM         | 96                                 | 25.5    | 0     | 96           | 17.2    | 0     | 99            | 21.9    |       | 103         | 22.4    | 0     |
| 2725 | PRIDE Seeds         | A5959G2 RIB     | 105                                | 26.1    | 0     | 107          | 17.3    | 0     | 101           | 20.2    |       | 105         | 22.1    | 0     |
| 2750 | De Dell             | DL 3146         | 106                                | 25.2    | 0     | 90           | 17.7    | 1     | 91            | 20.6    |       | 104         | 22.4    | 1     |
| 2750 | DLF                 | PS 2745VT2P RIB | 96                                 | 27.1    | 0     | 101          | 17.4    | 0     | 104           | 21.6    |       | 102         | 23.5    | 0     |
| 2750 | Horizon             | HZ 3245         | 95                                 | 26.1    | 0     | 91           | 18.0    | 4     | 98            | 21.1    |       | 103         | 22.4    | 0     |
| 2750 | Horizon             | HZ 3260         | 99                                 | 25.0    | 0     | 94           | 16.9    | 4     | 90            | 20.7    |       | 111         | 22.4    | 0     |
| 2750 | Maizex              | MZ 3120SMX      | 107                                | 25.2    | 0     | 103          | 18.2    | 0     | 103           | 22.6    |       | 102         | 24.1    | 0     |
| 2750 | Maizex              | MZ 314          | 99                                 | 27.8    | 0     | 102          | 17.8    | 1     | 93            | 21.5    |       | 94          | 24.9    | 0     |
| 2750 | Maizex              | MZ 3314SMX      | 96                                 | 26.5    | 0     | 106          | 17.9    | 1     | 104           | 21.3    |       | 101         | 23.3    | 0     |
| 2750 | NK Brand            | NK9175-DV       | 108                                | 27.6    | 0     | 103          | 18.9    | 0     | 101           | 22.2    |       | 102         | 23.3    | 0     |
| 2750 | Pioneer             | P9301AM         | 102                                | 25.6    | 0     | 105          | 18.0    | 0     | 101           | 21.6    |       | 100         | 22.1    | 0     |
| 2750 | PRIDE Seeds         | A5925           | 100                                | 24.7    | 0     | 98           | 17.3    | 0     | 98            | 20.6    |       | 94          | 23.5    | 0     |
| 2750 | PRIDE Seeds         | A5977G8 RIB     | 100                                | 24.2    | 0     | 96           | 16.8    | 0     | 103           | 19.5    |       | 96          | 22.6    | 0     |
| 2750 | Saatbau             | SL27088         | 103                                | 27.8    | 0     | 103          | 18.0    | 6     | 89            | 20.6    |       | 108         | 23.4    | 1     |
| 2775 | NK Brand            | NK9347-D        | 109                                | 28.2    | 0     | 111          | 18.3    | 0     | 94            | 22.1    |       | 95          | 24.4    | 0     |
| 2800 | CROPLAN             | CP3341SS        | 100                                | 25.6    | 0     | 100          | 17.2    | 0     | 106           | 21.9    |       | 91          | 22.5    | 0     |
| 2800 | CROPLAN             | CP3490VT2P      | 99                                 | 27.5    | 0     | 99           | 18.6    | 0     | 105           | 21.5    |       | 96          | 26.3    | 0     |
| 2800 | DEKALB              | DKC42-05RIB     | 110                                | 25.9    | 0     | 104          | 17.4    | 0     | 113           | 22.2    |       | 102         | 23.4    | 0     |
| 2800 | Horizon             | HZ 3375         | 93                                 | 27.0    | 0     | 92           | 19.5    | 1     | 97            | 22.5    |       | 100         | 23.4    | 1     |
| 2800 | Horizon             | HZ 3386         | 98                                 | 24.8    | 0     | 93           | 17.6    | 3     | 94            | 22.3    |       | 102         | 23.6    | 2     |
| 2800 | PRIDE Seeds         | A6018G2 RIB     | 94                                 | 25.9    | 0     | 103          | 17.1    | 0     | 105           | 20.6    |       | 108         | 23.9    | 0     |
| 2825 | CROPLAN             | 3575VT2P/RIB    | 90                                 | 27.9    | 0     | 110          | 17.1    | 0     | 100           | 21.8    |       | 109         | 25.1    | 0     |
| 2825 | DEKALB              | DKC42-90RIB     | 104                                | 26.4    | 0     | 108          | 17.4    | 0     | 109           | 19.8    |       | 108         | 24.8    | 0     |
| 2825 | DLF                 | PS 2839VT2P RIB | 98                                 | 28.3    | 0     | 106          | 17.8    | 0     | 97            | 21.6    |       | 103         | 24.0    | 0     |
| 2825 | DLF                 | PS 2883TRE RIB  | 105                                | 27.0    | 0     | 105          | 18.2    | 0     | 104           | 21.8    |       | 98          | 24.0    | 0     |

(continued)

## CORN — Elora, Port Hope, Winchester, Wingham (continued)

| CHU                                       | Brand and/or Hybrid | GM Trait        | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|-------------------------------------------|---------------------|-----------------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|                                           |                     |                 |          | average of 8 trials             |         |       |               | average of 4 trials        |         |       |               |
|                                           |                     |                 |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2850                                      | DEKALB              | DKC44-80RIB     | 6        | L                               | 108     | 23.0  | 98            | 109                        | 22.3    |       | 98            |
| 2850                                      | Maizex              | MZ 3505DBR      | 6        | F                               |         |       |               | 109                        | 22.3    |       | 99            |
| 2850                                      | NK Brand            | NK9535-V        | 27       | F                               | 105     | 24.3  | 101           | 103                        | 23.6    |       | 100           |
| 2850                                      | PRIDE Seeds         | A6572G2 RIB     | 6        | F                               | 103     | 23.6  | 98            | 105                        | 23.0    |       | 99            |
| 2875                                      | DEKALB              | DKC45-35RIB     | 6        | L                               |         |       |               | 107                        | 23.5    |       | 99            |
| 2875                                      | DEKALB              | DKC45-74RIB     | 8        | L                               |         |       |               | 102                        | 24.6    |       | 97            |
| 2875                                      | DEKALB              | DKC46-50RIB     | 8        | L                               | 105     | 24.0  | 100           | 106                        | 22.9    |       | 99            |
| 2875                                      | NK Brand            | NK9653-DV       | 34       | F                               | 103     | 24.1  | 101           | 103                        | 23.4    |       | 101           |
| 2900                                      | CROPLAN             | CP3735VT2P/RIB  | 6        | F                               | 102     | 23.9  | 101           | 105                        | 23.2    |       | 100           |
| 2900                                      | DEKALB              | DKC46-40RIB     | 6        | L                               | 108     | 23.5  | 98            | 109                        | 23.3    |       | 98            |
| 2900                                      | DLF                 | PS 2932VT2P RIB | 6        | L                               | 98      | 24.7  | 100           | 97                         | 23.8    |       | 100           |
| 2950                                      | DEKALB              | DKC48-08RIB     | 8        | L                               |         |       |               | 105                        | 25.1    |       | 97            |
| 2950                                      | DEKALB              | DKC48-70RIB     | 32       | L                               | 107     | 24.7  | 97            | 105                        | 24.1    |       | 96            |
| <b>LSD (0.10) for Yield Index Points*</b> |                     |                 |          | 3                               |         |       |               | 4                          |         |       |               |
| <b>Average all hybrids†</b>               |                     |                 |          | 220                             | 22.6    |       | 70            | 217                        | 21.9    |       | 71            |

1 Elora 2021-2022, Port Hope T2 2021-2022, Winchester T2 2021-2022, Wingham 2021-2022

2 Elora, Port Hope T2, Winchester T2, Wingham

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

**Note:** The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

## 2022 TRIAL LOCATIONS AND GENERAL INFORMATION

| Location      | See Table Number | Heat Unit Rating | 5 Year <sup>1</sup> Heat Unit Average | 2022 <sup>2</sup> CHU Total | Soil Type           | Co-operator                         | Final <sup>3</sup> Plants per acre | Date <sup>4</sup> planted | Date Harvested |
|---------------|------------------|------------------|---------------------------------------|-----------------------------|---------------------|-------------------------------------|------------------------------------|---------------------------|----------------|
| Orangeville   | 1                | 2700             | N/A                                   | 2967                        | Sandy Loam          | Timstar Farms Ltd                   | 34000                              | May 06                    | Oct 24         |
| Dundalk       | 1                | 2600             | N/A                                   | 2962                        | Silt loam           | Blydorp Farms Ltd                   | 34000                              | May 11                    | Oct 25         |
| Elora         | 2                | 2800             | N/A                                   | 2890                        | Silt loam           | University of Guelph                | 34000                              | May 12                    | Oct 13         |
| Port Hope T2  | 2                | 2800             | N/A                                   | 3155                        | Clay Loam           | Bruce Hendry                        | 35000                              | May 11                    | Nov 14         |
| Winchester T2 | 2                | 3000             | N/A                                   | 3133                        | Clay Loam           | Ontario Crops Research - Winchester | 37000                              | May 12                    | Oct 26         |
| Wingham       | 2                | 2800             | N/A                                   | 3077                        | Harriston Silt Loam | Rob Warwick                         | 34000                              | May 14                    | Oct 27         |
| Bainsville    | 3E               | 3000             | N/A                                   | 3197                        | Clay Loam           | Rob McDonald                        | 35000                              | May 12                    | Nov 13         |
| Williamsburg  | 3E               | 3000             | N/A                                   | 3145                        | Loam                | Devries                             | 35000                              | May 11                    | Nov 13         |
| Winchester    | 3E               | 3000             | N/A                                   | 3133                        | Clay Loam           | Ontario Crops Research - Winchester | 37000                              | May 09                    | Nov 03         |
| Blyth         | 3W               | 3000             | N/A                                   | 3072                        | Listowel Silt Loam  | Peter Heinrichs                     | 34000                              | May 14                    | Oct 28         |
| Port Hope     | 3W               | 3000             | N/A                                   | 3155                        | Clay Loam           | Bruce Hendry                        | 34000                              | May 11                    | Nov 14         |
| Waterloo      | 3W               | 2900             | N/A                                   | 3100                        | Sandy Loam          | Rosendale Farms Ltd                 | 34000                              | May 09                    | Oct 14         |
| Exeter        | 4                | 3050             | N/A                                   | 3078                        | Silt Loam           | Cliff Hicks                         | 34000                              | May 20                    | Nov 02         |
| Ilderton      | 4                | 3100             | N/A                                   | 3173                        | Huron Silt Loam     | Ralph Kuebler                       | 34000                              | May 13                    | Nov 09         |
| Woodstock     | 4                | 3150             | N/A                                   | 3394                        | Silt Loam           | Wes Hart                            | 35000                              | May 20                    | Nov 05         |
| Belmont       | 4                | 3250             | N/A                                   | 3361                        | Clay Silt           | Claire Hooker                       | 34000                              | May 13                    | Nov 03         |
| Ridgetown     | 5                | 3450             | N/A                                   | 3426                        | Loam                | University of Guelph                | 34000                              | May 10                    | Oct 24         |
| Tilbury       | 5                | 3650             | N/A                                   | 3264                        | Clay                | Gus Ternoey                         | 34000                              | May 12                    | Nov 07         |
| Dresden       | 5                | 3600             | N/A                                   | 3400                        | Sand Loam           | Brent McFadden                      | 34000                              | May 11                    | Nov 04         |

1 Average total heat unit accumulation 2017 - 2021, inclusive.

2 Total heat unit accumulation at location from day of planting to either occurrence of killing frost ( -2 C) or 30-year average end-of-season date.

3 These populations may not be suitable for your farm.

4 All trials planted in 30 inch row widths.

|                                    |                     |                 | Results of 2022 Performance Trials |         |       |              |         |       |               |         |       |             |         |       |
|------------------------------------|---------------------|-----------------|------------------------------------|---------|-------|--------------|---------|-------|---------------|---------|-------|-------------|---------|-------|
|                                    |                     |                 | ELORA                              |         |       | PORT HOPE T2 |         |       | WINCHESTER T2 |         |       | WINGHAM     |         |       |
| CHU                                | Brand and/or Hybrid |                 | Yield Index                        | Moist % | Ldg % | Yield Index  | Moist % | Ldg % | Yield Index   | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2850                               | DEKALB              | DKC44-80RIB     | 112                                | 26.3    | 0     | 104          | 17.2    | 1     | 109           | 21.9    |       | 112         | 23.7    | 0     |
| 2850                               | Maizex              | MZ 3505DBR      | 113                                | 25.3    | 0     | 105          | 18.2    | 1     | 112           | 21.4    |       | 106         | 24.3    | 0     |
| 2850                               | NK Brand            | NK9535-V        | 100                                | 27.0    | 0     | 103          | 18.9    | 3     | 99            | 23.5    |       | 109         | 25.0    | 0     |
| 2850                               | PRIDE Seeds         | A6572G2 RIB     | 108                                | 28.3    | 0     | 105          | 17.6    | 0     | 107           | 22.0    |       | 102         | 24.2    | 0     |
| 2875                               | DEKALB              | DKC45-35RIB     | 99                                 | 28.7    | 0     | 111          | 18.3    | 4     | 107           | 21.7    |       | 109         | 25.2    | 0     |
| 2875                               | DEKALB              | DKC45-74RIB     | 105                                | 29.4    | 0     | 101          | 18.1    | 1     | 103           | 24.7    |       | 100         | 26.3    | 0     |
| 2875                               | DEKALB              | DKC46-50RIB     | 110                                | 25.8    | 0     | 104          | 17.9    | 1     | 108           | 22.1    |       | 101         | 25.7    | 0     |
| 2875                               | NK Brand            | NK9653-DV       | 102                                | 27.5    | 0     | 102          | 18.8    | 0     | 100           | 21.9    |       | 108         | 25.4    | 0     |
| 2900                               | CROPLAN             | CP3735VT2P/RIB  | 101                                | 28.4    | 0     | 107          | 17.3    | 0     | 107           | 22.5    |       | 103         | 24.6    | 0     |
| 2900                               | DEKALB              | DKC46-40RIB     | 114                                | 28.0    | 0     | 101          | 18.2    | 0     | 108           | 21.5    |       | 115         | 25.4    | 0     |
| 2900                               | DLF                 | PS 2932VT2P RIB | 86                                 | 29.1    | 0     | 106          | 18.0    | 0     | 97            | 22.9    |       | 101         | 25.4    | 0     |
| 2950                               | DEKALB              | DKC48-08RIB     | 108                                | 30.3    | 0     | 108          | 18.3    | 3     | 106           | 24.8    |       | 100         | 27.0    | 0     |
| 2950                               | DEKALB              | DKC48-70RIB     | 104                                | 28.7    | 0     | 105          | 18.4    | 0     | 106           | 22.9    |       | 104         | 26.4    | 0     |
| LSD (0.10) for Yield Index Points* |                     |                 | 11                                 |         |       | 11           |         |       | 4             |         |       | 9           |         |       |
| Average all hybrids†               |                     |                 | 196                                | 25.9    | 0     | 206          | 17.5    | 1     | 249           | 21.1    |       | 215         | 23.0    | 0     |

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# CORN — Bainsville, Ottawa, Winchester

| CHU  | Brand and/or Hybrid | GM Trait       | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|------|---------------------|----------------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|      |                     |                |          | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               |
|      |                     |                |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2600 | Pioneer             | P8602AM        | 23       | L                               |         |       |               | 102                        | 18.4    |       | 102           |
| 2600 | Pioneer             | P8859AM        | 23       | L                               |         |       |               | 94                         | 17.2    |       | 103           |
| 2650 | Brevant             | B90J12AM       | 23       | L                               | 97      | 18.4  | 100           | 95                         | 17.4    |       | 101           |
| 2650 | Brevant             | B91T25AM       | 23       | L                               | 103     | 19.1  | 100           | 98                         | 18.7    |       | 100           |
| 2650 | CROPLAN             | 2790VT2P/RIB   | 6        | F                               | 94      | 18.3  | 102           | 97                         | 17.6    |       | 102           |
| 2650 | Pioneer             | P9026AM        | 23       | L                               |         |       |               | 99                         | 18.0    |       | 102           |
| 2650 | Pioneer             | P9188AM        | 23       | L                               | 93      | 18.7  | 102           | 95                         | 17.9    |       | 102           |
| 2675 | CROPLAN             | CP2851VT2P/RIB | 6        | F                               | 91      | 18.6  | 101           | 95                         | 18.0    |       | 101           |
| 2700 | CROPLAN             | 2965VT2P/RIB   | 6        | F                               | 92      | 18.4  | 101           | 97                         | 17.5    |       | 101           |
| 2700 | CROPLAN             | CP3166VT2P     | 6        | F                               | 98      | 18.9  | 99            | 101                        | 18.3    |       | 100           |
| 2725 | Brevant             | B92R26AM       | 23       | L                               | 100     | 18.5  | 98            | 98                         | 17.6    |       | 98            |
| 2725 | CROPLAN             | CP2972SS       | 8        | F                               |         |       |               | 95                         | 18.2    |       | 102           |
| 2725 | Maizex              | MZ 3117DBR     | 6        | F                               | 99      | 18.3  | 99            | 101                        | 17.9    |       | 99            |
| 2725 | NK Brand            | NK9023-DV      | 34       | F                               | 100     | 18.7  | 99            | 98                         | 18.1    |       | 100           |
| 2725 | Pioneer             | P9233AM        | 23       | L                               | 99      | 18.9  | 102           | 100                        | 18.2    |       | 101           |
| 2750 | De Dell             | DL 3146        | 0        | —                               |         |       |               | 94                         | 18.6    |       | 102           |
| 2750 | Horizon             | HZ 3260        | 0        | F                               |         |       |               | 92                         | 17.6    |       | 98            |
| 2750 | Maizex              | E63G62 R       | 6        | F                               | 97      | 19.6  | 102           | 97                         | 19.5    |       | 103           |
| 2750 | Maizex              | MZ 3120SMX     | 8        | F                               | 94      | 19.5  | 101           | 96                         | 18.9    |       | 101           |
| 2750 | Maizex              | MZ 314         | 0        | F                               | 102     | 19.7  | 100           | 103                        | 18.6    |       | 100           |
| 2750 | Maizex              | MZ 3314SMX     | 8        | F                               |         |       |               | 102                        | 18.8    |       | 100           |
| 2750 | NK Brand            | NK9175-DV      | 34       | F                               | 101     | 20.0  | 102           | 100                        | 19.8    |       | 102           |
| 2750 | Pioneer             | P9301AM        | 23       | L                               | 98      | 19.1  | 105           | 99                         | 18.7    |       | 106           |
| 2750 | Pioneer             | P9316Q         | 36       | L                               |         |       |               | 102                        | 18.6    |       | 104           |
| 2775 | NK Brand            | NK9347-D       | 33       | F                               |         |       |               | 93                         | 20.2    |       | 98            |
| 2800 | CROPLAN             | CP3341SS       | 8        | F                               |         |       |               | 100                        | 18.1    |       | 98            |
| 2800 | CROPLAN             | CP3490VT2P     | 6        | F                               | 101     | 20.1  | 98            | 103                        | 19.3    |       | 97            |
| 2800 | Horizon             | HZ 3375        | 27       | F                               |         |       |               | 95                         | 19.2    |       | 98            |
| 2800 | Maizex              | MZ 342X        | 0        | F                               | 95      | 19.2  | 101           | 94                         | 18.1    |       | 102           |
| 2800 | Pioneer             | P9466AML       | 37       | L                               |         |       |               | 104                        | 18.4    |       | 99            |
| 2800 | Saatbau             | SL49340        | 0        | C                               |         |       |               | 95                         | 17.4    |       | 96            |
| 2825 | Brevant             | B95R46AM       | 23       | L                               | 101     | 19.4  | 99            | 98                         | 18.6    |       | 98            |
| 2825 | CROPLAN             | 3575VT2P/RIB   | 6        | F                               | 99      | 19.0  | 101           | 100                        | 18.4    |       | 101           |
| 2825 | Pioneer             | P9535AM        | 23       | L                               | 102     | 19.4  | 100           | 103                        | 18.8    |       | 100           |
| 2850 | Brevant             | B96H83AM       | 23       | L                               | 99      | 20.0  | 100           | 97                         | 19.6    |       | 100           |
| 2850 | Brevant             | B96R56AM       | 23       | L                               | 100     | 19.6  | 104           | 98                         | 19.0    |       | 104           |
| 2850 | DEKALB              | DKC44-80RIB    | 6        | L                               | 104     | 19.1  | 99            | 106                        | 18.3    |       | 99            |
| 2850 | Horizon             | HZ 3584        | 34       | F                               |         |       |               | 98                         | 19.8    |       | 97            |
| 2850 | Maizex              | MZ 3505DBR     | 6        | F                               | 102     | 19.5  | 100           | 100                        | 19.3    |       | 100           |
| 2850 | NK Brand            | NK9535-V       | 27       | F                               | 104     | 19.9  | 101           | 104                        | 19.4    |       | 100           |
| 2850 | Pioneer             | P9608AM        | 23       | L                               | 97      | 20.1  | 102           | 97                         | 19.3    |       | 102           |
| 2850 | Pioneer             | P9624Q         | 36       | L                               |         |       |               | 103                        | 19.1    |       | 100           |
| 2850 | PRIDE Seeds         | A6566G8 RIB    | 8        | F                               |         |       |               | 98                         | 18.3    |       | 101           |
| 2850 | PRIDE Seeds         | A6572G2 RIB    | 6        | F                               | 101     | 19.6  | 100           | 105                        | 18.7    |       | 99            |
| 2875 | DEKALB              | DKC45-35RIB    | 6        | L                               |         |       |               | 104                        | 18.8    |       | 100           |
| 2875 | DEKALB              | DKC45-74RIB    | 8        | L                               |         |       |               | 102                        | 18.6    |       | 100           |
| 2875 | DEKALB              | DKC46-50RIB    | 8        | L                               | 100     | 19.5  | 102           | 99                         | 18.9    |       | 101           |
| 2875 | Horizon             | HZ 3676        | 0        | F                               | 92      | 21.4  | 102           | 92                         | 21.0    |       | 102           |
| 2875 | Maizex              | MZ 369         | 0        | F                               | 95      | 19.4  | 97            | 96                         | 18.7    |       | 96            |
| 2875 | Maizex              | MZ 3690DBR     | 6        | F                               | 97      | 19.7  | 98            | 96                         | 19.2    |       | 97            |
| 2875 | NK Brand            | NK9653-DV      | 34       | F                               | 97      | 20.3  | 102           | 94                         | 19.5    |       | 101           |
| 2875 | PRIDE Seeds         | A6585G8 RIB    | 8        | F                               | 100     | 19.4  | 100           | 99                         | 18.4    |       | 99            |
| 2900 | CROPLAN             | CP3720TRE      | 32       | F                               | 99      | 19.2  | 102           | 99                         | 18.5    |       | 102           |
| 2900 | CROPLAN             | CP3735VT2P/RIB | 6        | F                               | 94      | 19.3  | 101           | 97                         | 18.9    |       | 101           |
| 2900 | CROPLAN             | CP3980VT2P     | 6        | F                               | 109     | 19.8  | 98            | 109                        | 19.1    |       | 98            |
| 2900 | DEKALB              | DKC46-40RIB    | 6        | L                               | 102     | 19.1  | 101           | 101                        | 18.9    |       | 101           |
| 2900 | PRIDE Seeds         | A6694G2 RIB    | 6        | F                               | 101     | 19.5  | 102           | 103                        | 19.0    |       | 102           |
| 2925 | Brevant             | B98D25AM       | 23       | L                               | 100     | 20.5  | 102           | 102                        | 19.9    |       | 102           |
| 2925 | DLF                 | PS 28185GSX    | 8        | L                               | 108     | 20.1  | 98            | 106                        | 19.7    |       | 98            |
| 2925 | Maizex              | MZ 3818DBR     | 6        | F                               | 99      | 19.5  | 100           | 100                        | 18.8    |       | 101           |
| 2925 | Pioneer             | P9823Q         | 36       | L                               | 106     | 20.1  | 98            | 107                        | 19.7    |       | 97            |

| Results of 2022 Performance Trials |                     |                |             |         |       |              |         |       |             |         |       |
|------------------------------------|---------------------|----------------|-------------|---------|-------|--------------|---------|-------|-------------|---------|-------|
|                                    |                     |                | BAINSVILLE  |         |       | WILLIAMSBURG |         |       | WINCHESTER  |         |       |
| CHU                                | Brand and/or Hybrid |                | Yield Index | Moist % | Ldg % | Yield Index  | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2600                               | Pioneer             | P8602AM        | 103         | 18.2    | 0     | 102          | 16.7    | 0     | 101         | 20.2    |       |
| 2600                               | Pioneer             | P8859AM        | 90          | 17.1    | 0     | 98           | 15.7    | 0     | 94          | 18.9    |       |
| 2650                               | Brevant             | B90J12AM       | 93          | 17.9    | 0     | 96           | 15.7    | 1     | 95          | 18.6    |       |
| 2650                               | Brevant             | B91T25AM       | 95          | 18.2    | 1     | 102          | 15.8    | 0     | 97          | 22.2    |       |
| 2650                               | CROPLAN             | 2790VT2P/RIB   | 100         | 17.7    | 1     | 92           | 15.7    | 0     | 99          | 19.4    |       |
| 2650                               | Pioneer             | P9026AM        | 99          | 18.2    | 0     | 97           | 16.1    | 0     | 102         | 19.6    |       |
| 2650                               | Pioneer             | P9188AM        | 93          | 17.8    | 0     | 100          | 16.1    | 0     | 93          | 19.9    |       |
| 2675                               | CROPLAN             | CP2851VT2P/RIB | 96          | 17.4    | 0     | 93           | 15.7    | 0     | 97          | 20.9    |       |
| 2700                               | CROPLAN             | 2965VT2P/RIB   | 94          | 17.6    | 3     | 93           | 15.7    | 1     | 102         | 19.1    |       |
| 2700                               | CROPLAN             | CP3166VT2P     | 102         | 18.1    | 0     | 101          | 16.0    | 0     | 101         | 20.9    |       |
| 2725                               | Brevant             | B92R26AM       | 97          | 16.9    | 0     | 97           | 15.7    | 0     | 101         | 20.1    |       |
| 2725                               | CROPLAN             | CP2972SS       | 95          | 17.8    | 0     | 92           | 15.8    | 0     | 97          | 21.0    |       |
| 2725                               | Maizex              | MZ 3117DBR     | 104         | 17.0    | 0     | 98           | 16.1    | 0     | 100         | 20.4    |       |
| 2725                               | NK Brand            | NK9023-DV      | 99          | 17.9    | 0     | 100          | 16.3    | 0     | 96          | 20.2    |       |
| 2725                               | Pioneer             | P9233AM        | 107         | 17.3    | 0     | 94           | 16.5    | 0     | 101         | 20.9    |       |
| 2750                               | De Dell             | DL 3146        | 93          | 18.9    | 0     | 95           | 16.7    | 3     | 93          | 20.3    |       |
| 2750                               | Horizon             | HZ 3260        | 95          | 17.5    | 4     | 91           | 16.1    | 7     | 91          | 19.3    |       |
| 2750                               | Maizex              | E63G62 R       | 100         | 18.2    | 0     | 97           | 16.6    | 0     | 95          | 23.6    |       |
| 2750                               | Maizex              | MZ 3120SMX     | 96          | 18.4    | 0     | 96           | 17.2    | 0     | 96          | 21.0    |       |
| 2750                               | Maizex              | MZ 314         | 103         | 18.3    | 1     | 102          | 16.8    | 4     | 104         | 20.7    |       |
| 2750                               | Maizex              | MZ 3314SMX     | 99          | 18.1    | 0     | 105          | 16.0    | 0     | 102         | 22.4    |       |
| 2750                               | NK Brand            | NK9175-DV      | 99          | 20.3    | 0     | 101          | 17.7    | 0     | 99          | 21.5    |       |
| 2750                               | Pioneer             | P9301AM        | 100         | 19.4    | 0     | 101          | 16.2    | 0     | 97          | 20.7    |       |
| 2750                               | Pioneer             | P9316Q         | 99          | 18.8    | 3     | 101          | 16.6    | 1     | 105         | 20.5    |       |
| 2775                               | NK Brand            | NK9347-D       | 95          | 19.2    | 1     | 95           | 17.2    | 0     | 91          | 24.3    |       |
| 2800                               | CROPLAN             | CP3341SS       | 99          | 18.3    | 0     | 99           | 15.9    | 0     | 102         | 20.2    |       |
| 2800                               | CROPLAN             | CP3490VT2P     | 105         | 18.7    | 0     | 100          | 16.6    | 0     | 104         | 22.6    |       |
| 2800                               | Horizon             | HZ 3375        | 92          | 18.6    | 0     | 98           | 17.3    | 1     | 95          | 21.6    |       |
| 2800                               | Maizex              | MZ 342X        | 90          | 18.3    | 1     | 94           | 16.5    | 3     | 98          | 19.6    |       |
| 2800                               | Pioneer             | P9466AML       | 108         | 18.3    | 0     | 102          | 16.4    | 0     | 101         | 20.6    |       |
| 2800                               | Saatbau             | SL49340        | 97          | 16.7    | 0     | 95           | 15.6    | 0     | 93          | 20.0    |       |
| 2825                               | Brevant             | B95R46AM       | 100         | 18.1    | 0     | 98           | 16.4    | 0     | 97          | 21.2    |       |
| 2825                               | CROPLAN             | 3575VT2P/RIB   | 106         | 18.1    | 0     | 97           | 16.2    | 0     | 99          | 20.8    |       |
| 2825                               | Pioneer             | P9535AM        | 102         | 18.6    | 1     | 102          | 16.5    | 0     | 104         | 21.2    |       |
| 2850                               | Brevant             | B96H83AM       | 96          | 19.2    | 5     | 98           | 17.1    | 1     | 98          | 22.5    |       |
| 2850                               | Brevant             | B96R56AM       | 98          | 19.4    | 1     | 101          | 16.9    | 0     | 94          | 20.6    |       |
| 2850                               | DEKALB              | DKC44-80RIB    | 105         | 18.2    | 1     | 106          | 15.8    | 0     | 108         | 20.9    |       |
| 2850                               | Horizon             | HZ 3584        | 100         | 19.3    | 0     | 99           | 18.2    | 0     | 96          | 21.8    |       |
| 2850                               | Maizex              | MZ 3505DBR     | 94          | 19.0    | 0     | 104          | 16.6    | 1     | 102         | 22.2    |       |
| 2850                               | NK Brand            | NK9535-V       | 99          | 19.9    | 0     | 106          | 16.4    | 0     | 105         | 21.9    |       |
| 2850                               | Pioneer             | P9608AM        | 92          | 19.3    | 0     | 97           | 16.7    | 1     | 100         | 21.9    |       |
| 2850                               | Pioneer             | P9624Q         | 106         | 18.9    | 0     | 103          | 17.1    | 0     | 100         | 21.4    |       |
| 2850                               | PRIDE Seeds         | A6566G8 RIB    | 98          | 18.5    | 0     | 99           | 16.6    | 0     | 98          | 19.7    |       |
| 2850                               | PRIDE Seeds         | A6572G2 RIB    | 109         | 19.2    | 1     | 104          | 16.2    | 0     | 102         | 20.7    |       |
| 2875                               | DEKALB              | DKC45-35RIB    | 104         | 17.7    | 1     | 106          | 16.4    | 1     | 103         | 22.3    |       |
| 2875                               | DEKALB              | DKC45-74RIB    | 103         | 18.1    | 0     | 101          | 16.7    | 1     | 103         | 21.0    |       |
| 2875                               | DEKALB              | DKC46-50RIB    | 99          | 18.6    | 0     | 100          | 16.5    | 0     | 98          | 21.7    |       |
| 2875                               | Horizon             | HZ 3676        | 97          | 20.4    | 0     | 87           | 18.2    | 3     | 91          | 24.4    |       |
| 2875                               | Maizex              | MZ 369         | 98          | 17.7    | 0     | 94           | 16.0    | 3     | 96          | 22.3    |       |
| 2875                               | Maizex              | MZ 3690DBR     | 92          | 17.0    | 0     | 97           | 16.3    | 0     | 98          | 24.4    |       |
| 2875                               | NK Brand            | NK9653-DV      | 91          | 19.9    | 1     | 98           | 17.2    | 0     | 94          | 21.4    |       |
| 2875                               | PRIDE Seeds         | A6585G8 RIB    | 93          | 18.3    | 0     | 100          | 16.9    | 0     | 103         | 20.1    |       |
| 2900                               | CROPLAN             | CP3720TRE      | 98          | 18.2    | 0     | 101          | 16.3    | 1     | 98          | 21.1    |       |
| 2900                               | CROPLAN             | CP3735VT2P/RIB | 92          | 18.3    | 0     | 99           | 16.3    | 0     | 99          | 22.0    |       |
| 2900                               | CROPLAN             | CP3980VT2P     | 109         | 18.3    | 0     | 106          | 16.5    | 1     | 110         | 22.6    |       |
| 2900                               | DEKALB              | DKC46-40RIB    | 100         | 18.6    | 0     | 100          | 16.7    | 0     | 103         | 21.5    |       |
| 2900                               | PRIDE Seeds         | A6694G2 RIB    | 103         | 19.2    | 0     | 105          | 16.5    | 0     | 101         | 21.3    |       |
| 2925                               | Brevant             | B98D25AM       | 100         | 19.7    | 0     | 102          | 17.1    | 0     | 103         | 23.0    |       |
| 2925                               | DLF                 | PS 28185GSX    | 106         | 18.6    | 0     | 108          | 17.2    | 0     | 103         | 23.3    |       |
| 2925                               | Maizex              | MZ 3818DBR     | 103         | 18.2    | 1     | 97           | 16.2    | 0     | 101         | 22.1    |       |
| 2925                               | Pioneer             | P9823Q         | 112         | 19.3    | 0     | 105          | 17.2    | 1     | 104         | 22.6    |       |

(continued)

| CHU                                |  | Brand and/or Hybrid     | GM Trait | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|------------------------------------|--|-------------------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|                                    |  |                         |          |          | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               |
|                                    |  |                         |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2950                               |  | CROPLAN CP3823SS        | 8        | F        |                                 |         |       |               | 101                        | 18.9    |       | 103           |
| 2950                               |  | DEKALB DKC48-08RIB      | 8        | L        |                                 |         |       |               | 105                        | 18.7    |       | 98            |
| 2950                               |  | DEKALB DKC48-70RIB      | 32       | L        | 105                             | 19.8    |       | 99            | 107                        | 19.2    |       | 99            |
| 2950                               |  | Maizex MZ 3930DBR       | 6        | F        |                                 |         |       |               | 104                        | 20.1    |       | 100           |
| 2950                               |  | Maizex MZ 397           | 0        | F        | 102                             | 19.7    |       | 99            | 102                        | 19.4    |       | 99            |
| 2950                               |  | Pioneer P9845AM         | 23       | L        |                                 |         |       |               | 108                        | 19.9    |       | 101           |
| 2950                               |  | Pioneer P9998AM         | 23       | L        | 100                             | 21.5    |       | 100           | 100                        | 20.5    |       | 100           |
| 2950                               |  | PRIDE Seeds A6888G2 RIB | 6        | F        | 102                             | 19.4    |       | 100           | 105                        | 18.8    |       | 100           |
| 2975                               |  | DEKALB DKC49-09RIB      | 6        | L        | 102                             | 19.6    |       | 100           | 103                        | 19.6    |       | 99            |
| 2975                               |  | DLF PS 2955GSX RIB      | 8        | L        | 99                              | 19.7    |       | 101           | 95                         | 18.8    |       | 101           |
| 2975                               |  | DLF PS 2991VT2P RIB     | 6        | L        | 106                             | 20.0    |       | 98            | 109                        | 19.6    |       | 98            |
| 2975                               |  | Maizex MZ 4049SMX       | 8        | F        |                                 |         |       |               | 101                        | 20.0    |       | 100           |
| 2975                               |  | Maizex MZ 4280DBR       | 6        | F        | 101                             | 20.6    |       | 99            | 100                        | 20.2    |       | 100           |
| 3000                               |  | Brevant B00R96AM        | 23       | L        | 102                             | 21.3    |       | 99            | 100                        | 21.0    |       | 99            |
| 3000                               |  | CROPLAN 4188VT2P/RIB    | 6        | F        | 103                             | 20.2    |       | 98            | 103                        | 19.6    |       | 99            |
| 3000                               |  | Maizex MZ 4151TRE       | 32       | F        |                                 |         |       |               | 94                         | 19.4    |       | 98            |
| 3000                               |  | NK Brand NK0007-AA      | 28       | F        |                                 |         |       |               | 102                        | 20.3    |       | 99            |
| 3000                               |  | NK Brand NK9991-D       | 33       | F        | 101                             | 21.8    |       | 99            | 102                        | 21.3    |       | 98            |
| 3000                               |  | Pioneer P0035AM         | 23       | L        | 109                             | 21.4    |       | 97            | 103                        | 21.0    |       | 96            |
| 3000                               |  | Pioneer P0075AM         | 23       | L        | 104                             | 22.0    |       | 97            | 101                        | 21.7    |       | 96            |
| 3000                               |  | Saatbau Arcadio         | 0        | C        | 97                              | 18.9    |       | 98            | 98                         | 18.4    |       | 97            |
| 3000                               |  | Saatbau Solitario       | 0        | C        | 97                              | 19.9    |       | 100           | 97                         | 19.0    |       | 100           |
| 3050                               |  | DEKALB DKC50-30RIB      | 8        | L        | 102                             | 20.2    |       | 99            | 99                         | 19.3    |       | 99            |
| 3075                               |  | DEKALB DKC101-14RIB     | 8        | L        |                                 |         |       |               | 102                        | 21.4    |       | 102           |
| 3075                               |  | DEKALB DKC101-35RIB     | 6        | L        |                                 |         |       |               | 108                        | 20.9    |       | 99            |
| 3100                               |  | DEKALB DKC52-52RIB      | 8        | L        | 107                             | 21.4    |       | 98            | 104                        | 20.9    |       | 99            |
| LSD (0.10) for Yield Index Points* |  |                         |          |          | 3                               |         |       |               | 4                          |         |       |               |
| Average all hybrids†               |  |                         |          |          | 218                             | 19.7    |       | 72            | 225                        | 19.1    |       | 74            |

1 Bainsville 2021-2022, Williamsburg 2021-2022, Winchester 2021-2022  
2 Bainsville, Williamsburg, Winchester  
\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.  
† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.  
Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.  
**Note:** The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.  
Results for hybrids with moisture contents over 30% should be interpreted with much caution.

2022 VARIETIES SELECTED

| Variety | Variety | Variety |
|---------|---------|---------|
|         |         |         |

Seeding date:

Harvest date:

Yield:

2022: TOP PICKS

|  |  |
|--|--|
|  |  |
|  |  |

| Results of 2022 Performance Trials |                     |                 |             |         |       |              |         |       |             |         |       |
|------------------------------------|---------------------|-----------------|-------------|---------|-------|--------------|---------|-------|-------------|---------|-------|
| BAINSVILLE                         |                     |                 |             |         |       | WILLIAMSBURG |         |       | WINCHESTER  |         |       |
| CHU                                | Brand and/or Hybrid |                 | Yield Index | Moist % | Ldg % | Yield Index  | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2950                               | CROPLAN             | CP3823SS        | 98          | 18.6    | 0     | 98           | 17.0    | 0     | 105         | 21.1    |       |
| 2950                               | DEKALB              | DKC48-08RIB     | 107         | 18.2    | 1     | 105          | 16.7    | 0     | 103         | 21.2    |       |
| 2950                               | DEKALB              | DKC48-70RIB     | 104         | 18.6    | 3     | 110          | 16.8    | 0     | 108         | 22.2    |       |
| 2950                               | Maizex              | MZ 3930DBR      | 100         | 18.0    | 2     | 103          | 16.9    | 0     | 107         | 25.4    |       |
| 2950                               | Maizex              | MZ 397          | 101         | 18.3    | 0     | 97           | 16.4    | 3     | 108         | 23.5    |       |
| 2950                               | Pioneer             | P9845AM         | 107         | 19.9    | 0     | 111          | 17.5    | 0     | 106         | 22.4    |       |
| 2950                               | Pioneer             | P9998AM         | 101         | 19.6    | 0     | 104          | 17.1    | 0     | 96          | 24.8    |       |
| 2950                               | PRIDE Seeds         | A6888G2 RIB     | 109         | 18.3    | 0     | 101          | 16.7    | 0     | 105         | 21.5    |       |
| 2975                               | DEKALB              | DKC49-09RIB     | 102         | 18.7    | 1     | 98           | 16.7    | 0     | 109         | 23.5    |       |
| 2975                               | DLF                 | PS 2955GSX RIB  | 95          | 18.0    | 0     | 89           | 16.3    | 0     | 100         | 21.9    |       |
| 2975                               | DLF                 | PS 2991VT2P RIB | 110         | 18.1    | 1     | 112          | 17.4    | 0     | 105         | 23.4    |       |
| 2975                               | Maizex              | MZ 4049SMX      | 98          | 18.3    | 0     | 102          | 17.0    | 0     | 102         | 24.9    |       |
| 2975                               | Maizex              | MZ 4280DBR      | 98          | 20.2    | 0     | 99           | 18.0    | 0     | 102         | 22.4    |       |
| 3000                               | Brevant             | B00R96AM        | 99          | 19.9    | 0     | 98           | 17.5    | 0     | 102         | 25.7    |       |
| 3000                               | CROPLAN             | 4188VT2P/RIB    | 103         | 17.9    | 0     | 103          | 16.5    | 0     | 103         | 24.4    |       |
| 3000                               | Maizex              | MZ 4151TRE      | 97          | 17.7    | 0     | 88           | 16.6    | 0     | 96          | 24.0    |       |
| 3000                               | NK Brand            | NK0007-AA       | 103         | 19.4    | 0     | 106          | 17.3    | 0     | 96          | 24.2    |       |
| 3000                               | NK Brand            | NK9991-D        | 99          | 20.5    | 0     | 114          | 18.8    | 0     | 95          | 24.4    |       |
| 3000                               | Pioneer             | P0035AM         | 105         | 18.9    | 0     | 105          | 17.6    | 1     | 100         | 26.6    |       |
| 3000                               | Pioneer             | P0075AM         | 103         | 19.2    | 0     | 101          | 17.1    | 0     | 100         | 28.7    |       |
| 3000                               | Saatbau             | Arcadio         | 108         | 17.9    | 0     | 93           | 16.6    | 2     | 94          | 20.6    |       |
| 3000                               | Saatbau             | Solitario       | 102         | 18.8    | 0     | 97           | 16.3    | 3     | 93          | 21.8    |       |
| 3050                               | DEKALB              | DKC50-30RIB     | 90          | 18.6    | 0     | 103          | 16.8    | 0     | 102         | 22.4    |       |
| 3075                               | DEKALB              | DKC101-14RIB    | 102         | 20.0    | 0     | 100          | 18.5    | 0     | 103         | 25.5    |       |
| 3075                               | DEKALB              | DKC101-35RIB    | 114         | 18.6    | 0     | 107          | 17.9    | 0     | 105         | 26.2    |       |
| 3100                               | DEKALB              | DKC52-52RIB     | 106         | 19.0    | 0     | 107          | 18.1    | 0     | 100         | 25.5    |       |
| LSD (0.10) for Yield Index Points* |                     |                 | 9           |         |       | 8            |         |       | 5           |         |       |
| Average all hybrids†               |                     |                 | 203         | 18.5    | 0     | 217          | 16.7    | 1     | 254         | 22.0    |       |

## FIELD NOTES

# CORN — Blyth, Port Hope, Waterloo

| CHU  | Brand and/or Hybrid | GM Trait        | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |     |
|------|---------------------|-----------------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|-----|
|      |                     |                 |          | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               |     |
|      |                     |                 |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |     |
| 2600 | Pioneer             | P8859AM         | 23       | L                               |         |       |               | 99                         | 20.5    | 0     | 101           |     |
| 2650 | Brevant             | B90J12AM        | 23       | L                               | 94      | 21.4  | 1             | 101                        | 98      | 20.5  | 0             | 101 |
| 2650 | Brevant             | B91T25AM        | 23       | L                               | 97      | 21.6  | 1             | 101                        | 95      | 20.8  | 0             | 102 |
| 2650 | CROPLAN             | 2790VT2P/RIB    | 6        | F                               | 90      | 20.5  | 1             | 102                        | 93      | 19.6  | 2             | 102 |
| 2650 | Pioneer             | P9026AM         | 23       | L                               |         |       |               | 97                         | 21.4    | 0     | 102           |     |
| 2650 | Pioneer             | P9188AM         | 23       | L                               | 92      | 21.7  | 0             | 102                        | 93      | 20.6  | 0             | 103 |
| 2675 | CROPLAN             | CP2851VT2P/RIB  | 6        | F                               | 91      | 21.0  | 0             | 100                        | 92      | 19.8  | 0             | 102 |
| 2700 | CROPLAN             | 2965VT2P/RIB    | 6        | F                               | 89      | 20.9  | 0             | 102                        | 91      | 19.9  | 1             | 102 |
| 2700 | CROPLAN             | CP3166VT2P      | 6        | F                               | 97      | 22.5  | 0             | 99                         | 99      | 21.8  | 0             | 99  |
| 2725 | Brevant             | B92R26AM        | 23       | L                               | 97      | 21.7  | 0             | 99                         | 99      | 20.7  | 0             | 99  |
| 2725 | CROPLAN             | CP2972SS        | 8        | F                               |         |       |               | 97                         | 21.1    | 0     | 102           |     |
| 2725 | Maizex              | MZ 3117DBR      | 6        | F                               | 100     | 22.2  | 0             | 98                         | 102     | 21.5  | 0             | 99  |
| 2725 | NK Brand            | NK9023-DV       | 34       | F                               | 97      | 21.8  | 0             | 100                        | 99      | 20.6  | 0             | 102 |
| 2725 | Pioneer             | P9233AM         | 23       | L                               | 93      | 22.4  | 3             | 101                        | 92      | 21.7  | 0             | 101 |
| 2750 | De Dell             | DL 3146         | 0        | —                               |         |       |               | 101                        | 20.6    | 1     | 103           |     |
| 2750 | Horizon             | HZ 3245         | 27       | F                               | 97      | 22.9  | 0             | 102                        | 97      | 21.5  | 1             | 102 |
| 2750 | Horizon             | HZ 3260         | 0        | F                               |         |       |               | 97                         | 20.8    | 1     | 98            |     |
| 2750 | Maizex              | MZ 3314SMX      | 8        | F                               |         |       |               | 100                        | 22.2    | 0     | 100           |     |
| 2750 | NK Brand            | NK9175-DV       | 34       | F                               | 100     | 22.8  | 3             | 100                        | 104     | 22.3  | 0             | 101 |
| 2750 | Pioneer             | P9301AM         | 23       | L                               | 90      | 21.7  | 0             | 103                        | 85      | 20.8  | 0             | 103 |
| 2750 | Pioneer             | P9316Q          | 36       | L                               |         |       |               | 100                        | 21.0    | 0     | 104           |     |
| 2775 | NK Brand            | NK9347-D        | 33       | F                               |         |       |               | 103                        | 21.6    | 0     | 99            |     |
| 2800 | CROPLAN             | CP3341SS        | 8        | F                               |         |       |               | 98                         | 21.5    | 0     | 102           |     |
| 2800 | CROPLAN             | CP3490VT2P      | 6        | F                               | 100     | 23.6  | 0             | 99                         | 104     | 23.0  | 0             | 99  |
| 2800 | Horizon             | HZ 3386         | 33       | F                               | 97      | 22.8  | 2             | 100                        | 100     | 22.0  | 1             | 100 |
| 2800 | Pioneer             | P9466AML        | 37       | L                               |         |       |               | 96                         | 22.1    | 0     | 99            |     |
| 2825 | Brevant             | B95R46AM        | 23       | L                               | 98      | 23.3  | 1             | 99                         | 100     | 22.2  | 1             | 99  |
| 2825 | CROPLAN             | 3575VT2P/RIB    | 6        | F                               | 99      | 23.2  | 0             | 101                        | 102     | 22.3  | 0             | 100 |
| 2825 | Pioneer             | P9535AM         | 23       | L                               | 99      | 22.9  | 0             | 101                        | 98      | 21.7  | 0             | 100 |
| 2850 | Brevant             | B96H83AM        | 23       | L                               | 100     | 23.3  | 0             | 101                        | 95      | 23.0  | 0             | 101 |
| 2850 | Brevant             | B96R56AM        | 23       | L                               | 97      | 22.7  | 0             | 102                        | 98      | 21.8  | 0             | 103 |
| 2850 | DEKALB              | DKC44-80RIB     | 6        | L                               | 100     | 22.5  | 1             | 100                        | 99      | 21.7  | 1             | 100 |
| 2850 | Horizon             | HZ 3584         | 34       | F                               |         |       |               | 97                         | 22.0    | 0     | 98            |     |
| 2850 | Maizex              | MZ 3505DBR      | 6        | F                               | 105     | 22.6  | 0             | 99                         | 102     | 21.7  | 0             | 101 |
| 2850 | NK Brand            | NK9535-V        | 27       | F                               | 102     | 23.2  | 1             | 102                        | 100     | 22.7  | 0             | 102 |
| 2850 | Pioneer             | P9608AM         | 23       | L                               | 97      | 23.6  | 0             | 102                        | 99      | 23.0  | 0             | 101 |
| 2850 | Pioneer             | P9624Q          | 36       | L                               |         |       |               | 93                         | 22.5    | 0     | 100           |     |
| 2850 | PRIDE Seeds         | A6566G8 RIB     | 8        | F                               |         |       |               | 103                        | 22.2    | 0     | 101           |     |
| 2850 | PRIDE Seeds         | A6572G2 RIB     | 6        | F                               | 97      | 22.9  | 0             | 100                        | 102     | 21.6  | 0             | 101 |
| 2875 | DEKALB              | DKC45-35RIB     | 6        | L                               |         |       |               | 102                        | 22.1    | 0     | 100           |     |
| 2875 | DEKALB              | DKC45-74RIB     | 8        | L                               |         |       |               | 105                        | 22.7    | 1     | 99            |     |
| 2875 | NK Brand            | NK9653-DV       | 34       | F                               | 98      | 23.1  | 0             | 102                        | 98      | 22.2  | 0             | 103 |
| 2875 | PRIDE Seeds         | A6585G8 RIB     | 8        | F                               | 98      | 23.2  | 1             | 99                         | 98      | 22.1  | 0             | 101 |
| 2900 | CROPLAN             | CP3720TRE       | 32       | F                               |         |       |               | 102                        | 22.9    | 0     | 101           |     |
| 2900 | CROPLAN             | CP3980VT2P      | 6        | F                               | 105     | 23.2  | 1             | 99                         | 103     | 22.3  | 1             | 99  |
| 2900 | DEKALB              | DKC46-40RIB     | 6        | L                               | 107     | 23.3  | 0             | 100                        | 104     | 22.8  | 0             | 100 |
| 2900 | PRIDE Seeds         | A6694G2 RIB     | 6        | F                               | 100     | 22.9  | 0             | 101                        | 97      | 22.3  | 0             | 102 |
| 2925 | Brevant             | B98D25AM        | 23       | L                               | 100     | 23.6  | 0             | 101                        | 101     | 22.9  | 0             | 100 |
| 2925 | DLF                 | PS 28185GSX     | 8        | L                               | 106     | 24.2  | 0             | 98                         | 107     | 23.5  | 0             | 99  |
| 2925 | Horizon             | K2112N          | 0        | C                               |         |       |               | 98                         | 23.8    | 0     | 100           |     |
| 2925 | Maizex              | MZ 3818DBR      | 6        | F                               | 104     | 23.5  | 1             | 99                         | 105     | 22.8  | 0             | 100 |
| 2925 | Pioneer             | P9823Q          | 36       | L                               | 107     | 23.9  | 0             | 98                         | 105     | 23.0  | 0             | 98  |
| 2950 | DEKALB              | DKC48-08RIB     | 8        | L                               |         |       |               | 101                        | 23.9    | 0     | 98            |     |
| 2950 | DEKALB              | DKC48-70RIB     | 32       | L                               | 102     | 23.7  | 0             | 99                         | 99      | 22.8  | 0             | 98  |
| 2950 | Maizex              | MZ 3930DBR      | 6        | F                               |         | 23.9  | 1             | 98                         | 107     | 23.1  | 1             | 99  |
| 2950 | Pioneer             | P9845AM         | 23       | L                               |         |       |               | 103                        | 23.8    | 1     | 99            |     |
| 2950 | Pioneer             | P9998AM         | 23       | L                               | 100     | 24.2  | 0             | 99                         | 101     | 23.7  | 0             | 99  |
| 2950 | PRIDE Seeds         | A6888G2 RIB     | 6        | F                               | 101     | 23.8  | 0             | 100                        | 103     | 23.6  | 0             | 99  |
| 2975 | DEKALB              | DKC49-09RIB     | 6        | L                               | 102     | 23.8  | 0             | 100                        | 101     | 22.8  | 0             | 100 |
| 2975 | DLF                 | PS 2955GSX RIB  | 8        | L                               | 102     | 23.8  | 0             | 101                        | 101     | 22.9  | 0             | 101 |
| 2975 | DLF                 | PS 2991VT2P RIB | 6        | L                               | 108     | 24.0  | 1             | 99                         | 105     | 23.5  | 0             | 98  |

| Results of 2022 Performance Trials |                     |                 |             |         |       |             |         |       |             |         |       |
|------------------------------------|---------------------|-----------------|-------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |                 | BLYTH       |         |       | PORT HOPE   |         |       | WATERLOO    |         |       |
| CHU                                | Brand and/or Hybrid |                 | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2600                               | Pioneer             | P8859AM         | 100         | 24.5    | 0     | 101         | 16.8    | 0     | 95          | 20.1    | 0     |
| 2650                               | Brevant             | B90J12AM        | 96          | 25.0    | 1     | 101         | 17.1    | 0     | 97          | 19.3    | 0     |
| 2650                               | Brevant             | B91T25AM        | 104         | 27.2    | 0     | 93          | 16.8    | 0     | 87          | 18.5    | 0     |
| 2650                               | CROPLAN             | 2790VT2P/RIB    | 90          | 23.1    | 0     | 95          | 16.8    | 7     | 95          | 18.9    | 0     |
| 2650                               | Pioneer             | P9026AM         | 97          | 26.4    | 0     | 98          | 17.1    | 0     | 97          | 20.8    | 0     |
| 2650                               | Pioneer             | P9188AM         | 93          | 24.3    | 0     | 93          | 17.4    | 0     | 94          | 20.2    | 0     |
| 2675                               | CROPLAN             | CP2851VT2P/RIB  | 92          | 23.9    | 0     | 90          | 15.9    | 0     | 93          | 19.5    | 0     |
| 2700                               | CROPLAN             | 2965VT2P/RIB    | 88          | 23.3    | 1     | 94          | 16.7    | 1     | 91          | 19.6    | 0     |
| 2700                               | CROPLAN             | CP3166VT2P      | 96          | 26.5    | 0     | 99          | 18.0    | 0     | 103         | 20.8    | 0     |
| 2725                               | Brevant             | B92R26AM        | 96          | 26.4    | 0     | 107         | 16.4    | 0     | 93          | 19.4    | 0     |
| 2725                               | CROPLAN             | CP2972SS        | 94          | 25.9    | 0     | 96          | 17.1    | 0     | 100         | 20.3    | 0     |
| 2725                               | Maizex              | MZ 3117DBR      | 100         | 26.0    | 0     | 104         | 17.0    | 0     | 102         | 21.6    | 0     |
| 2725                               | NK Brand            | NK9023-DV       | 106         | 24.1    | 0     | 92          | 17.7    | 0     | 99          | 20.1    | 0     |
| 2725                               | Pioneer             | P9233AM         | 90          | 27.0    | 0     | 87          | 17.5    | 0     | 100         | 20.6    | 0     |
| 2750                               | De Dell             | DL 3146         | 102         | 24.3    | 1     | 101         | 17.8    | 1     | 98          | 19.7    | 0     |
| 2750                               | Horizon             | HZ 3245         | 102         | 25.8    | 0     | 92          | 18.4    | 2     | 94          | 20.4    | 0     |
| 2750                               | Horizon             | HZ 3260         | 98          | 24.5    | 0     | 101         | 17.7    | 3     | 90          | 20.1    | 0     |
| 2750                               | Maizex              | MZ 3314SMX      | 103         | 26.6    | 0     | 99          | 17.8    | 0     | 97          | 22.1    | 0     |
| 2750                               | NK Brand            | NK9175-DV       | 101         | 26.2    | 0     | 103         | 19.0    | 0     | 108         | 21.8    | 0     |
| 2750                               | Pioneer             | P9301AM         | 91          | 26.2    | 0     | 80          | 17.2    | 0     | 84          | 18.9    | 0     |
| 2750                               | Pioneer             | P9316Q          | 99          | 25.8    | 0     | 98          | 18.0    | 0     | 101         | 19.3    | 0     |
| 2775                               | NK Brand            | NK9347-D        | 96          | 26.4    | 0     | 106         | 18.6    | 0     | 109         | 19.9    | 0     |
| 2800                               | CROPLAN             | CP3341SS        | 93          | 26.5    | 0     | 104         | 17.4    | 0     | 98          | 20.5    | 0     |
| 2800                               | CROPLAN             | CP3490VT2P      | 101         | 27.1    | 0     | 106         | 18.4    | 0     | 104         | 23.6    | 0     |
| 2800                               | Horizon             | HZ 3386         | 97          | 26.2    | 1     | 104         | 18.8    | 3     | 99          | 21.1    | 0     |
| 2800                               | Pioneer             | P9466AML        | 95          | 27.0    | 0     | 94          | 18.3    | 0     | 100         | 20.9    | 0     |
| 2825                               | Brevant             | B95R46AM        | 100         | 28.4    | 0     | 99          | 17.8    | 1     | 99          | 20.5    | 0     |
| 2825                               | CROPLAN             | 3575VT2P/RIB    | 99          | 28.2    | 0     | 99          | 17.3    | 1     | 109         | 21.5    | 0     |
| 2825                               | Pioneer             | P9535AM         | 98          | 27.2    | 0     | 97          | 17.2    | 0     | 98          | 20.6    | 0     |
| 2850                               | Brevant             | B96H83AM        | 94          | 28.4    | 0     | 96          | 17.7    | 0     | 96          | 22.8    | 0     |
| 2850                               | Brevant             | B96R56AM        | 97          | 27.4    | 0     | 97          | 18.0    | 0     | 102         | 20.1    | 0     |
| 2850                               | DEKALB              | DKC44-80RIB     | 104         | 27.8    | 0     | 95          | 17.1    | 3     | 96          | 20.1    | 0     |
| 2850                               | Horizon             | HZ 3584         | 103         | 26.3    | 0     | 90          | 19.5    | 0     | 98          | 20.3    | 0     |
| 2850                               | Maizex              | MZ 3505DBR      | 97          | 27.9    | 0     | 105         | 17.0    | 0     | 105         | 20.1    | 0     |
| 2850                               | NK Brand            | NK9535-V        | 100         | 28.3    | 0     | 100         | 19.3    | 0     | 102         | 20.6    | 0     |
| 2850                               | Pioneer             | P9608AM         | 91          | 29.1    | 0     | 104         | 18.6    | 0     | 103         | 21.2    | 0     |
| 2850                               | Pioneer             | P9624Q          | 92          | 28.4    | 0     | 94          | 18.4    | 0     | 94          | 20.8    | 0     |
| 2850                               | PRIDE Seeds         | A6566G8 RIB     | 106         | 27.2    | 0     | 96          | 18.0    | 0     | 109         | 21.3    | 0     |
| 2850                               | PRIDE Seeds         | A6572G2 RIB     | 95          | 26.4    | 0     | 113         | 17.4    | 0     | 99          | 20.9    | 0     |
| 2875                               | DEKALB              | DKC45-35RIB     | 101         | 28.2    | 0     | 104         | 18.2    | 1     | 100         | 19.9    | 0     |
| 2875                               | DEKALB              | DKC45-74RIB     | 105         | 28.3    | 0     | 108         | 18.3    | 1     | 102         | 21.5    | 0     |
| 2875                               | NK Brand            | NK9653-DV       | 97          | 26.9    | 0     | 93          | 18.4    | 0     | 104         | 21.3    | 0     |
| 2875                               | PRIDE Seeds         | A6585G8 RIB     | 97          | 27.5    | 0     | 97          | 17.9    | 1     | 100         | 20.9    | 0     |
| 2900                               | CROPLAN             | CP3720TRE       | 106         | 29.0    | 0     | 95          | 17.8    | 1     | 102         | 21.9    | 0     |
| 2900                               | CROPLAN             | CP3980VT2P      | 100         | 28.9    | 0     | 109         | 17.7    | 1     | 98          | 20.3    | 0     |
| 2900                               | DEKALB              | DKC46-40RIB     | 105         | 28.6    | 0     | 106         | 17.9    | 0     | 102         | 21.8    | 0     |
| 2900                               | PRIDE Seeds         | A6694G2 RIB     | 101         | 28.4    | 0     | 97          | 17.7    | 1     | 92          | 20.7    | 0     |
| 2925                               | Brevant             | B98D25AM        | 101         | 27.8    | 0     | 107         | 18.9    | 0     | 94          | 22.1    | 0     |
| 2925                               | DLF                 | PS 28185GSX     | 100         | 29.5    | 0     | 106         | 18.7    | 0     | 116         | 22.3    | 0     |
| 2925                               | Horizon             | K2112N          | 102         | 29.8    | 0     | 99          | 20.8    | 0     | 93          | 20.9    | 0     |
| 2925                               | Maizex              | MZ 3818DBR      | 108         | 30.1    | 0     | 98          | 18.8    | 1     | 107         | 19.4    | 0     |
| 2925                               | Pioneer             | P9823Q          | 108         | 28.4    | 0     | 99          | 18.2    | 0     | 106         | 22.5    | 0     |
| 2950                               | DEKALB              | DKC48-08RIB     | 104         | 28.9    | 0     | 105         | 19.5    | 0     | 94          | 23.4    | 0     |
| 2950                               | DEKALB              | DKC48-70RIB     | 101         | 29.2    | 0     | 97          | 18.5    | 0     | 98          | 20.8    | 0     |
| 2950                               | Maizex              | MZ 3930DBR      | 111         | 30.5    | 0     | 100         | 18.2    | 3     | 110         | 20.5    | 0     |
| 2950                               | Pioneer             | P9845AM         | 103         | 28.8    | 0     | 102         | 19.6    | 3     | 105         | 23.1    | 0     |
| 2950                               | Pioneer             | P9998AM         | 105         | 30.0    | 0     | 97          | 18.8    | 0     | 101         | 22.3    | 0     |
| 2950                               | PRIDE Seeds         | A6888G2 RIB     | 100         | 29.5    | 0     | 110         | 18.9    | 0     | 100         | 22.4    | 0     |
| 2975                               | DEKALB              | DKC49-09RIB     | 104         | 28.4    | 0     | 103         | 18.3    | 0     | 96          | 21.8    | 0     |
| 2975                               | DLF                 | PS 2955GSX RIB  | 101         | 28.7    | 0     | 104         | 18.3    | 1     | 97          | 21.7    | 0     |
| 2975                               | DLF                 | PS 2991VT2P RIB | 103         | 30.3    | 0     | 106         | 18.9    | 0     | 106         | 21.4    | 0     |

(continued)

## CORN — Blyth, Port Hope, Waterloo (continued)

| CHU                                | Brand and/or Hybrid |              | GM Trait | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|------------------------------------|---------------------|--------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|                                    |                     |              |          |          | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               |
|                                    |                     |              |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2975                               | Horizon             | HZ 3858      | 34       | F        | 100                             | 25.9    | 0     | 100           | 97                         | 25.8    | 0     | 98            |
| 2975                               | Maizex              | MZ 4049SMX   | 8        | F        |                                 |         |       |               | 103                        | 23.9    | 0     | 99            |
| 2975                               | Maizex              | MZ 4280DBR   | 6        | F        | 104                             | 24.5    | 1     | 99            | 104                        | 23.9    | 0     | 99            |
| 3000                               | Brevant             | B00R96AM     | 23       | L        | 101                             | 25.1    | 0     | 99            | 99                         | 24.6    | 0     | 99            |
| 3000                               | NK Brand            | NK0007-AA    | 28       | F        |                                 |         |       |               | 109                        | 24.0    | 0     | 100           |
| 3000                               | NK Brand            | NK9991-D     | 33       | F        | 103                             | 24.4    | 0     | 99            | 100                        | 24.3    | 0     | 99            |
| 3000                               | Pioneer             | P0035AM      | 23       | L        | 106                             | 24.6    | 0     | 97            | 106                        | 24.3    | 0     | 97            |
| 3000                               | Pioneer             | P0075AM      | 23       | L        | 105                             | 25.2    | 1     | 98            | 102                        | 24.6    | 0     | 98            |
| 3025                               | Horizon             | HZ 4169      | 27       | F        |                                 |         |       |               | 97                         | 24.1    | 1     | 97            |
| 3050                               | De Dell             | DL 5472      | 0        | —        |                                 |         |       |               | 95                         | 26.5    | 0     | 97            |
| 3050                               | DEKALB              | DKC50-30RIB  | 8        | L        | 104                             | 24.0    | 0     | 100           | 99                         | 22.9    | 0     | 99            |
| 3075                               | DEKALB              | DKC101-14RIB | 8        | L        |                                 |         |       |               | 101                        | 25.3    | 0     | 99            |
| 3075                               | DEKALB              | DKC101-35RIB | 6        | L        |                                 |         |       |               | 109                        | 24.0    | 0     | 97            |
| 3100                               | DEKALB              | DKC52-52RIB  | 8        | L        | 109                             | 25.3    | 0     | 99            | 108                        | 24.7    | 0     | 98            |
| 3100                               | Maizex              | MZ 4158DBR   | 6        | F        | 110                             | 25.1    | 0     | 98            | 108                        | 24.0    | 0     | 99            |
| LSD (0.10) for Yield Index Points* |                     |              |          |          | 4                               |         |       |               | 6                          |         |       |               |
| Average all hybrids†               |                     |              |          |          | 214                             | 23.2    | 1     | 70            | 200                        | 22.5    | 0     | 72            |

1 Blyth 2021-2022, Port Hope 2021-2022, Waterloo 2021-2022

2 Blyth, Port Hope, Waterloo

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

**Note:** The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

## CORN PERFORMANCE TRIAL MANAGEMENT INFORMATION

| Location      | Table | Previous Crop           | Tillage       |                     | Soil Test Ratings |    |     | Fertilizer Applications |      |     |    |
|---------------|-------|-------------------------|---------------|---------------------|-------------------|----|-----|-------------------------|------|-----|----|
|               |       |                         | Fall          | Spring              | P                 | K  | pH  | N                       | P2O5 | K2O | S  |
| Orangeville   | 1     | Potatoes                |               | Cultivator X2       | LR                | MR | 6.6 | 165                     | 42   | 92  | 0  |
| Dundalk       | 1     | Wheat Red Clover Cover  |               | Cultivator X2       | HR                | MR | 7   | 170                     | 56   | 96  | 10 |
| Elora         | 2     | Wheat Oats Cover        |               | Disc And Cultivator | LR                | MR | 7.1 | 175                     | 100  | 100 | 10 |
| Port Hope T2  | 2     | Soybeans                |               | Conventional        | MR                | MR | 6.8 | 200                     | 75   | 100 | 0  |
| Winchester T2 | 2     | Soybean                 | Chisel Plough | Cultivator          | LR                | MR | 5.8 | 183                     | 51   | 19  | 17 |
| Wingham       | 2     | Wheat                   |               | Vertical Till       | MR                | LR | 7   | 190                     | 14   | 3   | 21 |
| Bainsville    | 3E    | Soybeans                |               | Conventional        | MR                | MR | 5.3 | 200                     | 75   | 100 | 0  |
| Williamsburg  | 3E    | Soybeans                |               | Conventional        | LR                | MR | 5.5 | 200                     | 75   | 100 | 0  |
| Winchester    | 3E    | Spring Cereals          | Chisel Plough | Cultivator          | RR                | RR | 5.8 | 183                     | 51   | 19  | 17 |
| Blyth         | 3W    | Wheat                   | None          | Strip Till          | MR                | RR | 7.2 | 185                     | 50   | 18  | 25 |
| Port Hope     | 3W    | Soybeans                |               | Conventional        | MR                | MR | 6.8 | 200                     | 75   | 100 | 0  |
| Waterloo      | 3W    | Wheat Oats/Radish Cover | Vertical Till | Cultivator X2       | RR                | RR | 6.9 | 200                     | 90   | 100 | 10 |
| Exeter        | 4     | Summer Fallow           | Tile          | High Speed Disk     | MR                | RR | 6.8 |                         |      |     | 0  |
| Ilderton      | 4     | Wheat                   | Chisel        | Cultivate           | MR                | LR | 7.2 |                         |      |     | 0  |
| Woodstock     | 4     | Soybeans                |               | Conventional        | MR                | HR | 7   | 220                     | 75   | 100 | 0  |
| Belmont       | 4     | Soybeans                | Chisel Plow   | Cultivator          | MR                | RR | 5.9 | 210                     | 13   | 3   | 1  |
| Ridgetown     | 5     | Wheat                   | Chisel Plow   | Cultivator          | MR                | LR | 6.5 | 206                     | 13   | 3   | 1  |
| Tilbury       | 5     | Soybeans                | Chisel Plow   | Cultivator          | MR                | LR | 5.6 | 206                     | 13   | 3   | 1  |
| Dresden       | 5     | Wheat                   | Chisel Plow   | Cultivator          | HR                | RR | 7   | 250                     | 13   | 3   | 1  |

| Results of 2022 Performance Trials |                     |              |             |         |       |             |         |       |             |         |       |
|------------------------------------|---------------------|--------------|-------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |              | BLYTH       |         |       | PORT HOPE   |         |       | WATERLOO    |         |       |
| CHU                                | Brand and/or Hybrid |              | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2975                               | Horizon             | HZ 3858      | 94          | 31.1    | 0     | 100         | 22.0    | 0     | 97          | 24.4    | 0     |
| 2975                               | Maizex              | MZ 4049SMX   | 105         | 30.9    | 0     | 94          | 18.9    | 1     | 111         | 22.0    | 0     |
| 2975                               | Maizex              | MZ 4280DBR   | 105         | 29.5    | 0     | 105         | 19.7    | 0     | 101         | 22.4    | 0     |
| 3000                               | Brevant             | B00R96AM     | 100         | 31.6    | 0     | 108         | 19.6    | 0     | 89          | 22.6    | 0     |
| 3000                               | NK Brand            | NK0007-AA    | 98          | 30.6    | 0     | 112         | 19.5    | 0     | 120         | 21.8    | 0     |
| 3000                               | NK Brand            | NK9991-D     | 106         | 30.6    | 0     | 89          | 20.5    | 0     | 106         | 21.9    | 0     |
| 3000                               | Pioneer             | P0035AM      | 109         | 31.0    | 0     | 109         | 20.4    | 0     | 99          | 21.6    | 0     |
| 3000                               | Pioneer             | P0075AM      | 102         | 32.3    | 0     | 99          | 18.8    | 0     | 104         | 22.8    | 0     |
| 3025                               | Horizon             | HZ 4169      | 97          | 29.7    | 1     | 92          | 19.5    | 1     | 104         | 23.0    | 0     |
| 3050                               | De Dell             | DL 5472      | 102         | 31.8    | 0     | 91          | 21.8    | 0     | 92          | 26.0    | 0     |
| 3050                               | DEKALB              | DKC50-30RIB  | 99          | 29.1    | 0     | 97          | 18.5    | 0     | 104         | 21.1    | 0     |
| 3075                               | DEKALB              | DKC101-14RIB | 105         | 31.4    | 0     | 102         | 21.8    | 0     | 97          | 22.7    | 0     |
| 3075                               | DEKALB              | DKC101-35RIB | 109         | 31.8    | 0     | 110         | 18.4    | 0     | 109         | 21.7    | 0     |
| 3100                               | DEKALB              | DKC52-52RIB  | 106         | 31.1    | 0     | 111         | 19.5    | 0     | 107         | 23.5    | 0     |
| 3100                               | Maizex              | MZ 4158DBR   | 104         | 29.7    | 0     | 115         | 19.4    | 1     | 104         | 23.0    | 0     |
| LSD (0.10) for Yield Index Points* |                     |              | 8           |         |       | 14          |         |       | 12          |         |       |
| Average all hybrids†               |                     |              | 225         | 28.0    | 0     | 196         | 18.4    | 1     | 178         | 21.2    | 0     |

| Herbicide or Pesticide Applications |              |           |        |        | Rainfall (mm) |     |     |     |     |       |
|-------------------------------------|--------------|-----------|--------|--------|---------------|-----|-----|-----|-----|-------|
| Location                            | Product      | Rate      | Date   | Method | May           | Jun | Jul | Aug | Sep | Total |
| Orangeville                         | Primextra    | 4.0 l/ha  | 26-May | post   | 81            | 59  | 74  | 111 | 29  | 354   |
|                                     | Callisto     | 0.3 l/ha  | 26-May | post   |               |     |     |     |     |       |
| Dundalk                             | Primextra    | 4.0 l/ha  | 26-May | post   | 50            | 62  | 67  | 99  | 59  | 337   |
|                                     | Callisto     | 0.3 l/ha  | 26-May | post   |               |     |     |     |     |       |
| Elora                               | Acuron       | 4.9 l/ha  | 26-Apr | ppi    | 78            | 46  | 30  | 70  | 33  | 257   |
|                                     | Roundup      | 1.5 l/ha  | 26-Apr | ppi    |               |     |     |     |     |       |
| Port Hope T2                        | Frontier Max | 0.35 L/ac | 12-May |        | 58            | 68  | 88  | 100 | 35  | 349   |
|                                     | Marksman     | 1.8 L/ac  | 12-May |        |               |     |     |     |     |       |
| Winchester T2                       | Acuron       | 1.96 L/ac | May 26 | post   | 118           | 104 | 91  | 128 | 96  | 537   |
| Wingham                             | Acuron       | 1.96 L/ac | May 27 | post   | 100           | 80  | 45  | 140 |     | N/A   |
| Bainsville                          | Frontier Max | 0.35L/ac  | 13-May |        | 97            | 137 | 55  | 82  | 118 | 489   |
|                                     | Marksman     | 1.8L/ac   | 13-May |        |               |     |     |     |     |       |
| Williamsburg                        | Frontier Max | 0.35 L/ac | 12-May | pre    | 105           | 73  | 127 | 104 | 81  | 490   |
|                                     | Marksman     | 1.8 L/ac  | 12-May | pre    |               |     |     |     |     |       |
| Winchester                          | Acuron       | 1.96 L/ac | May 23 | post   | 118           | 104 | 91  | 128 | 96  | 537   |
| Blyth                               | Acuron       | 1.96 L/ac | May 27 | post   | 75            | 70  | 48  | 130 |     | N/A   |
| Port Hope                           | Frontier Max | 0.35 L/ac | 12-May |        | 58            | 68  | 88  | 100 | 35  | 349   |
|                                     | Marksman     | 1.8 L/ac  | 12-May |        |               |     |     |     |     |       |
| Waterloo                            | Primextra    | 3.0 l/ha  | 29-Apr | ppi    | 95            | 42  | 11  | 42  | 29  | 219   |
|                                     | Callisto     | 0.3 l/ha  | 02-Jun | post   |               |     |     |     |     |       |
| Exeter                              | Frontier     |           | 18-May | ppi    | 80            | 60  | 40  | 120 |     | N/A   |
|                                     | Marksman     | 1.5 L/ac  | 31-May | post   |               |     |     |     |     |       |
| Ilderton                            | Acuron       | 1.96 L/ac | 27-May | post   | 90            | 50  | 55  | 165 | 60  | 420   |
|                                     | Fungicide    |           |        | post   |               |     |     |     |     |       |
| Woodstock                           | Corvus       | 133 ml/ac | 21-May | pre    | 63            | 47  | 42  | 76  | 69  | 297   |
|                                     | AAtrex 480   | 1 L/ac    | 21-May | pre    |               |     |     |     |     |       |
| Belmont                             | Primextra    | 1.25      | 09-May | pre    | 56            | 59  | 95  | 96  | 39  | 345   |
|                                     | Engenia      | 0.25      | 09-May | pre    |               |     |     |     |     |       |
| Ridgetown                           | Acuron       | 2 L/ac    | 23-May | post   | 62            | 49  | 42  | 68  | 31  | 252   |
| Tilbury                             | Acuron       | 2 L/ac    | 23-May | post   | 73            | 47  | 61  | 66  | 38  | 285   |
| Dresden                             | Acuron       | 2 L/ac    | 26-May | post   | 70            | 75  | 41  | 85  | 44  | 315   |

# CORN — Exeter, Ilderton, Woodstock, Belmont

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| CHU                                | Brand and/or Hybrid |                 | GM Trait | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|------------------------------------|---------------------|-----------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|                                    |                     |                 |          |          | average of 8 trials             |         |       |               | average of 4 trials        |         |       |               |
|                                    |                     |                 |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2750                               | Pioneer             | P9316Q          | 36       | L        |                                 |         |       |               | 91                         | 20.6    | 1     | 107           |
| 2800                               | Pioneer             | P9466AML        | 37       | L        |                                 |         |       |               |                            |         |       |               |
| 2825                               | Brevant             | B95R46AM        | 23       | L        | 89                              | 20.4    | 0     | 101           | 89                         | 21.5    | 0     | 101           |
| 2825                               | Pioneer             | P9535AM         | 23       | L        |                                 |         |       |               | 96                         | 20.6    | 0     | 103           |
| 2850                               | Brevant             | B96H83AM        | 23       | L        | 94                              | 21.1    | 0     | 103           | 94                         | 21.6    | 0     | 102           |
| 2850                               | Brevant             | B96R56AM        | 23       | L        | 97                              | 20.5    | 0     | 106           | 95                         | 20.8    | 0     | 107           |
| 2850                               | Maizex              | MZ 3505DBR      | 6        | F        |                                 |         |       |               | 98                         | 20.9    | 0     | 103           |
| 2850                               | Pioneer             | P9608AM         | 23       | L        |                                 |         |       |               | 91                         | 22.0    | 0     | 104           |
| 2850                               | Pioneer             | P9624Q          | 36       | L        |                                 |         |       |               | 97                         | 21.9    | 0     | 102           |
| 2875                               | Maizex              | MZ 369          | 0        | F        |                                 |         |       |               | 98                         | 21.2    | 0     | 102           |
| 2900                               | CROPLAN             | CP3720TRE       | 32       | F        |                                 |         |       |               | 98                         | 21.5    | 0     | 103           |
| 2900                               | CROPLAN             | CP3735VT2P/RIB  | 6        | F        |                                 |         |       | 105           | 95                         | 21.4    | 0     | 104           |
| 2900                               | CROPLAN             | CP3980VT2P      | 6        | F        | 104                             | 20.7    | 0     | 101           | 104                        | 21.5    | 0     | 101           |
| 2925                               | Brevant             | B98D25AM        | 23       | L        | 94                              | 21.8    | 0     | 103           | 98                         | 22.6    | 0     | 104           |
| 2925                               | Maizex              | MZ 3818DBR      | 6        | F        | 101                             | 21.4    | 0     | 101           | 101                        | 22.4    | 0     | 102           |
| 2925                               | Pioneer             | P9823Q          | 36       | L        | 102                             | 21.2    | 1     | 100           | 104                        | 21.8    | 0     | 99            |
| 2950                               | CROPLAN             | CP3823SS        | 8        | F        |                                 |         |       |               | 99                         | 21.7    | 0     | 105           |
| 2950                               | Maizex              | MZ 3930DBR      | 6        | F        |                                 | 22.3    | 0     | 99            | 108                        | 22.9    | 0     | 100           |
| 2950                               | Maizex              | MZ 397          | 0        | F        | 105                             | 21.1    | 0     | 101           | 106                        | 22.2    | 0     | 101           |
| 2950                               | Pioneer             | P9845AM         | 23       | L        |                                 |         |       |               | 98                         | 22.6    | 0     | 100           |
| 2950                               | Pioneer             | P9998AM         | 23       | L        | 94                              | 22.8    | 0     | 100           | 96                         | 24.6    | 0     | 98            |
| 2950                               | PRIDE Seeds         | A6757G8 RIB     | 8        | F        | 97                              | 21.7    | 0     | 101           | 96                         | 22.6    | 0     | 101           |
| 2975                               | DEKALB              | DKC49-09RIB     | 6        | L        | 101                             | 21.0    | 0     | 103           | 103                        | 21.9    | 0     | 103           |
| 2975                               | DLF                 | PS 2991VT2P RIB | 6        | L        | 103                             | 21.6    | 0     | 100           | 104                        | 22.4    | 0     | 100           |
| 2975                               | Maizex              | MZ 4049SMX      | 8        | F        | 103                             | 22.6    | 1     | 101           | 104                        | 23.2    | 0     | 101           |
| 3000                               | Brevant             | B00R96AM        | 23       | L        | 100                             | 22.8    | 0     | 100           | 100                        | 24.9    | 0     | 99            |
| 3000                               | CROPLAN             | 4188VT2P/RIB    | 6        | F        | 100                             | 22.5    | 0     | 98            | 101                        | 24.0    | 0     | 97            |
| 3000                               | Maizex              | MZ 4151TRE      | 32       | F        | 97                              | 21.7    | 0     | 99            | 100                        | 23.0    | 0     | 97            |
| 3000                               | NK Brand            | NK0007-AA       | 28       | F        |                                 |         |       |               |                            |         |       |               |
| 3000                               | NK Brand            | NK9991-D        | 33       | F        | 95                              | 22.0    | 0     | 101           | 92                         | 22.6    | 0     | 101           |
| 3000                               | Pioneer             | P0035AM         | 23       | L        | 102                             | 22.7    | 0     | 99            | 101                        | 24.3    | 0     | 97            |
| 3000                               | Pioneer             | P0075AM         | 23       | L        | 102                             | 23.2    | 0     | 99            | 101                        | 25.2    | 0     | 98            |
| 3000                               | PRIDE Seeds         | A6929G4 RIB     | 32       | F        |                                 |         |       |               | 102                        | 22.4    | 0     | 99            |
| 3025                               | Horizon             | HZ 4169         | 27       | F        |                                 |         |       |               |                            |         |       |               |
| 3050                               | CROPLAN             | CP4265VT2P/RIB  | 6        | F        | 99                              | 22.1    | 0     | 99            | 100                        | 23.2    | 0     | 99            |
| 3050                               | De Dell             | DL 5472         | 0        | —        |                                 |         |       |               | 96                         | 24.3    | 0     | 100           |
| 3050                               | PRIDE Seeds         | A7197G8 RIB     | 8        | F        | 98                              | 22.3    | 0     | 100           | 99                         | 23.1    | 0     | 100           |
| 3075                               | DEKALB              | DKC101-14RIB    | 8        | L        |                                 |         |       |               | 98                         | 24.8    | 0     | 99            |
| 3075                               | DEKALB              | DKC101-35RIB    | 6        | L        |                                 |         |       |               |                            |         |       |               |
| 3075                               | NK Brand            | NK0243-D        | 33       | F        | 108                             | 22.7    | 0     | 97            | 109                        | 23.6    | 0     | 97            |
| 3075                               | PRIDE Seeds         | A7181           | 0        | F        |                                 |         |       |               | 99                         | 23.4    | 0     | 99            |
| 3100                               | DEKALB              | DKC52-52RIB     | 8        | L        | 105                             | 23.0    | 0     | 99            | 102                        | 24.3    | 0     | 98            |
| 3100                               | DLF                 | PS 31218VT2P    | 6        | L        |                                 |         |       |               | 107                        | 24.4    | 0     | 97            |
| 3100                               | Horizon             | HZ 4314         | 33       | F        | 98                              | 24.6    | 2     | 95            | 97                         | 26.7    | 0     | 93            |
| 3100                               | Maizex              | MZ 4158DBR      | 6        | F        | 103                             | 22.3    | 0     | 100           | 100                        | 23.1    | 0     | 99            |
| 3100                               | NK Brand            | NK0314-D        | 33       | F        |                                 |         |       |               |                            |         |       |               |
| 3100                               | NK Brand            | NK0472-DV       | 34       | F        | 97                              | 23.5    | 0     | 101           | 95                         | 24.5    | 0     | 100           |
| 3100                               | Pioneer             | P0306AM         | 23       | L        | 96                              | 22.6    | 0     | 100           | 99                         | 23.6    | 0     | 98            |
| 3100                               | Saatbau             | SL48431         | 0        | C        |                                 |         |       |               |                            |         |       |               |
| 3125                               | Brevant             | B04D72Q         | 36       | L        | 106                             | 24.4    | 0     | 97            | 106                        | 26.8    | 0     | 96            |
| 3125                               | Brevant             | B04S21AM        | 23       | L        | 99                              | 24.2    | 0     | 99            | 98                         | 26.2    | 0     | 97            |
| 3125                               | DEKALB              | DKC53-60RIB     | 32       | L        | 101                             | 21.9    | 0     | 100           | 102                        | 23.0    | 0     | 99            |
| 3125                               | Pioneer             | P0404AM         | 23       | L        | 101                             | 23.2    | 0     | 98            | 105                        | 24.2    | 0     | 96            |
| 3125                               | Pioneer             | P0434AM         | 23       | L        | 102                             | 23.7    | 0     | 101           | 102                        | 25.6    | 0     | 99            |
| 3125                               | Pioneer             | P0487Q          | 36       | L        | 103                             | 23.4    | 0     | 97            | 101                        | 25.1    | 0     | 96            |
| 3150                               | De Dell             | DL 6090         | 0        | —        |                                 |         |       |               |                            |         |       |               |
| 3150                               | Maizex              | MZ 4577SMX      | 8        | F        | 103                             | 23.6    | 0     | 100           | 105                        | 24.2    | 0     | 100           |
| 3175                               | DEKALB              | DKC105-35RIB    | 6        | L        |                                 |         |       |               | 111                        | 24.8    | 0     | 96            |
| 3175                               | DEKALB              | DKC54-77RIB     | 6        | L        | 102                             | 21.8    | 0     | 100           | 103                        | 23.2    | 0     | 99            |
| 3200                               | Maizex              | MZ 4608SMX      | 8        | F        | 106                             | 23.9    | 0     | 98            | 104                        | 24.7    | 0     | 97            |
| LSD (0.10) for Yield Index Points* |                     |                 |          |          | 4                               |         |       |               | 5                          |         |       |               |
| Average all hybrids†               |                     |                 |          |          | 228                             | 22.3    | 0     | 70            | 223                        | 23.2    | 0     | 69            |

<sup>1</sup> Exeter 2021-2022, Ilderton 2021-2022, Woodstock 2021-2022, Belmont 2021-2022

<sup>2</sup> Exeter, Ilderton, Woodstock, Belmont

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

**Note:** The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

|                                    |                     |                 | Results of 2022 Performance Trials |         |       |             |         |       |             |         |       |             |         |       |
|------------------------------------|---------------------|-----------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |                 | BELMONT                            |         |       | EXETER      |         |       | ILDERTON    |         |       | WOODSTOCK   |         |       |
| CHU                                | Brand and/or Hybrid |                 | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2750                               | Pioneer             | P9316Q          | 99                                 | 20.9    | 0     | 83          | 23.1    | 0     | 88          | 18.6    | 2     | 95          | 19.6    | 0     |
| 2800                               | Pioneer             | P9466AML        | 96                                 | 20.2    | 0     |             |         |       | 93          | 19.2    | 0     | 106         | 21.8    | 0     |
| 2825                               | Brevant             | B95R46AM        | 84                                 | 20.4    | 0     | 91          | 22.8    | 0     | 84          | 20.8    | 0     | 97          | 22.1    | 0     |
| 2825                               | Pioneer             | P9535AM         | 96                                 | 21.0    | 0     | 89          | 21.9    | 1     | 98          | 19.1    | 0     | 100         | 20.3    | 0     |
| 2850                               | Brevant             | B96H83AM        | 96                                 | 20.1    | 0     | 84          | 23.3    | 0     | 99          | 20.1    | 0     | 95          | 22.7    | 0     |
| 2850                               | Brevant             | B96R56AM        | 90                                 | 20.5    | 0     | 91          | 22.7    | 0     | 97          | 19.7    | 0     | 101         | 20.2    | 0     |
| 2850                               | Maizex              | MZ 3505DBR      | 101                                | 20.3    | 0     | 98          | 23.8    | 0     | 97          | 19.9    | 0     | 94          | 19.6    | 0     |
| 2850                               | Pioneer             | P9608AM         | 94                                 | 21.3    | 0     | 91          | 23.5    | 0     | 87          | 19.7    | 0     | 94          | 23.4    | 0     |
| 2850                               | Pioneer             | P9624Q          | 93                                 | 21.4    | 0     | 101         | 23.8    | 0     | 99          | 20.8    | 0     | 95          | 21.6    | 0     |
| 2875                               | Maizex              | MZ 369          | 103                                | 21.5    | 0     | 93          | 23.4    | 0     | 99          | 20.6    | 0     | 99          | 19.2    | 1     |
| 2900                               | CROPLAN             | CP3720TRE       | 101                                | 19.4    | 0     | 97          | 23.0    | 0     | 93          | 20.2    | 0     | 103         | 23.5    | 0     |
| 2900                               | CROPLAN             | CP3735VT2P/RIB  | 92                                 | 19.3    | 0     | 96          | 23.1    | 0     | 91          | 20.4    | 1     | 103         | 23.0    | 0     |
| 2900                               | CROPLAN             | CP3980VT2P      | 103                                | 20.7    | 0     | 99          | 23.0    | 0     | 112         | 20.1    | 0     | 102         | 22.2    | 0     |
| 2925                               | Brevant             | B98D25AM        | 100                                | 21.3    | 0     | 98          | 24.8    | 0     | 93          | 20.0    | 1     | 101         | 24.2    | 0     |
| 2925                               | Maizex              | MZ 3818DBR      | 98                                 | 20.8    | 0     | 100         | 23.6    | 0     | 103         | 21.0    | 0     | 103         | 24.1    | 0     |
| 2925                               | Pioneer             | P9823Q          | 106                                | 20.9    | 0     | 102         | 23.2    | 0     | 102         | 20.9    | 0     | 107         | 22.3    | 0     |
| 2950                               | CROPLAN             | CP3823SS        | 99                                 | 20.4    | 0     | 102         | 23.7    | 0     | 101         | 20.5    | 0     | 94          | 22.2    | 0     |
| 2950                               | Maizex              | MZ 3930DBR      | 116                                | 22.2    | 0     | 103         | 24.5    | 0     | 106         | 21.6    | 0     | 107         | 23.3    | 0     |
| 2950                               | Maizex              | MZ 397          | 105                                | 20.8    | 0     | 101         | 24.5    | 0     | 110         | 20.5    | 0     | 109         | 22.9    | 0     |
| 2950                               | Pioneer             | P9845AM         | 100                                | 21.6    | 0     | 96          | 24.0    | 0     | 91          | 21.1    | 1     | 105         | 23.7    | 0     |
| 2950                               | Pioneer             | P9998AM         | 93                                 | 23.3    | 0     | 101         | 24.8    | 0     | 92          | 22.5    | 0     | 98          | 27.6    | 0     |
| 2950                               | PRIDE Seeds         | A6757G8 RIB     | 88                                 | 21.2    | 0     | 101         | 23.7    | 0     | 97          | 21.7    | 0     | 98          | 23.7    | 0     |
| 2975                               | DEKALB              | DKC49-09RIB     | 100                                | 20.9    | 0     | 102         | 24.4    | 0     | 106         | 19.8    | 0     | 107         | 22.4    | 0     |
| 2975                               | DLF                 | PS 2991VT2P RIB | 100                                | 20.9    | 0     | 104         | 24.6    | 0     | 110         | 21.2    | 0     | 104         | 22.7    | 0     |
| 2975                               | Maizex              | MZ 4049SMX      | 107                                | 22.3    | 0     | 102         | 25.0    | 0     | 104         | 22.2    | 1     | 102         | 23.5    | 0     |
| 3000                               | Brevant             | B00R96AM        | 104                                | 24.3    | 0     | 102         | 25.8    | 0     | 98          | 21.6    | 0     | 97          | 27.7    | 0     |
| 3000                               | CROPLAN             | 4188VT2P/RIB    | 98                                 | 21.6    | 0     | 104         | 26.3    | 0     | 104         | 22.7    | 0     | 99          | 25.2    | 0     |
| 3000                               | Maizex              | MZ 4151TRE      | 107                                | 20.6    | 0     | 94          | 24.7    | 0     | 95          | 22.1    | 0     | 103         | 24.4    | 0     |
| 3000                               | NK Brand            | NK0007-AA       | 106                                | 21.5    | 0     | 93          | 26.2    | 0     |             |         |       | 99          | 24.5    | 0     |
| 3000                               | NK Brand            | NK9991-D        | 93                                 | 21.8    | 0     | 99          | 24.1    | 0     | 88          | 21.5    | 0     | 89          | 22.9    | 0     |
| 3000                               | Pioneer             | P0035AM         | 96                                 | 23.7    | 0     | 110         | 25.5    | 0     | 97          | 22.0    | 1     | 101         | 26.0    | 0     |
| 3000                               | Pioneer             | P0075AM         | 97                                 | 24.1    | 0     | 100         | 27.3    | 0     | 108         | 22.7    | 0     | 101         | 26.7    | 0     |
| 3000                               | PRIDE Seeds         | A6929G4 RIB     | 104                                | 21.5    | 0     | 101         | 24.1    | 0     | 106         | 20.2    | 0     | 97          | 23.8    | 0     |
| 3025                               | Horizon             | HZ 4169         | 93                                 | 22.6    | 0     |             |         |       | 93          | 21.9    | 0     | 95          | 25.5    | 0     |
| 3050                               | CROPLAN             | CP4265VT2P/RIB  | 98                                 | 21.9    | 0     | 98          | 24.0    | 0     | 101         | 21.5    | 0     | 103         | 25.3    | 0     |
| 3050                               | De Dell             | DL 5472         | 100                                | 22.7    | 0     | 102         | 26.5    | 0     | 97          | 22.8    | 1     | 82          | 25.3    | 0     |
| 3050                               | PRIDE Seeds         | A7197G8 RIB     | 99                                 | 21.5    | 0     | 98          | 23.4    | 0     | 108         | 21.5    | 0     | 93          | 26.0    | 0     |
| 3075                               | DEKALB              | DKC101-14RIB    | 96                                 | 23.0    | 0     | 105         | 25.7    | 0     | 98          | 23.9    | 0     | 95          | 26.7    | 0     |
| 3075                               | DEKALB              | DKC101-35RIB    | 117                                | 22.4    | 0     |             |         |       | 110         | 22.7    | 0     | 112         | 25.0    | 0     |
| 3075                               | NK Brand            | NK0243-D        | 109                                | 22.9    | 0     | 112         | 25.0    | 0     | 112         | 23.0    | 0     | 102         | 23.5    | 0     |
| 3075                               | PRIDE Seeds         | A7181           | 107                                | 21.9    | 0     | 101         | 24.4    | 0     | 93          | 22.2    | 0     | 95          | 25.0    | 0     |
| 3100                               | DEKALB              | DKC52-52RIB     | 94                                 | 23.8    | 0     | 104         | 25.4    | 0     | 108         | 23.0    | 0     | 104         | 25.1    | 0     |
| 3100                               | DLF                 | PS 31218VT2P    | 107                                | 22.9    | 0     | 101         | 25.5    | 0     | 114         | 22.6    | 0     | 107         | 26.4    | 0     |
| 3100                               | Horizon             | HZ 4314         | 105                                | 25.1    | 0     | 97          | 27.8    | 0     | 93          | 24.9    | 0     | 94          | 29.0    | 0     |
| 3100                               | Maizex              | MZ 4158DBR      | 96                                 | 21.8    | 0     | 101         | 24.4    | 0     | 100         | 22.1    | 0     | 103         | 24.3    | 0     |
| 3100                               | NK Brand            | NK0314-D        | 96                                 | 22.8    | 0     |             |         |       | 97          | 22.8    | 0     | 94          | 25.3    | 0     |
| 3100                               | NK Brand            | NK0472-DV       | 101                                | 23.2    | 0     | 96          | 25.1    | 0     | 95          | 23.3    | 0     | 85          | 26.6    | 0     |
| 3100                               | Pioneer             | P0306AM         | 95                                 | 23.0    | 0     | 103         | 23.9    | 0     | 99          | 22.4    | 1     | 99          | 25.0    | 0     |
| 3100                               | Saatbau             | SL48431         | 95                                 | 23.2    | 0     |             |         |       | 96          | 22.6    | 0     | 102         | 27.4    | 0     |
| 3125                               | Brevant             | B04D72Q         | 106                                | 24.5    | 0     | 110         | 28.4    | 0     | 108         | 24.5    | 0     | 101         | 29.8    | 0     |
| 3125                               | Brevant             | B04S21AM        | 101                                | 24.5    | 0     | 97          | 28.3    | 0     | 97          | 23.8    | 0     | 97          | 28.0    | 0     |
| 3125                               | DEKALB              | DKC53-60RIB     | 104                                | 21.6    | 0     | 103         | 24.7    | 0     | 96          | 22.0    | 0     | 104         | 23.9    | 0     |
| 3125                               | Pioneer             | P0404AM         | 101                                | 23.2    | 0     | 104         | 26.2    | 0     | 111         | 21.6    | 0     | 106         | 26.0    | 0     |
| 3125                               | Pioneer             | P0434AM         | 100                                | 24.0    | 0     | 106         | 27.9    | 0     | 96          | 22.8    | 0     | 104         | 27.7    | 0     |
| 3125                               | Pioneer             | P0487Q          | 103                                | 23.9    | 0     | 96          | 27.3    | 0     | 97          | 22.9    | 0     | 110         | 26.0    | 0     |
| 3150                               | De Dell             | DL 6090         | 103                                | 23.5    | 0     |             |         |       | 100         | 24.0    | 0     | 100         | 26.4    | 0     |
| 3150                               | Maizex              | MZ 4577SMX      | 100                                | 22.8    | 0     | 106         | 26.0    | 0     | 113         | 22.0    | 0     | 103         | 26.0    | 0     |
| 3175                               | DEKALB              | DKC105-35RIB    | 109                                | 22.7    | 0     | 115         | 26.7    | 0     | 109         | 22.9    | 0     | 112         | 26.9    | 0     |
| 3175                               | DEKALB              | DKC54-77RIB     | 103                                | 22.0    | 0     | 108         | 24.8    | 0     | 105         | 21.4    | 0     | 96          | 24.8    | 0     |
| 3200                               | Maizex              | MZ 4608SMX      | 99                                 | 22.6    | 0     | 111         | 25.4    | 0     | 105         | 22.6    | 0     | 101         | 28.3    | 0     |
| LSD (0.10) for Yield Index Points* |                     |                 | 11                                 |         |       | 9           |         |       | 10          |         |       | 9           |         |       |
| Average all hybrids†               |                     |                 | 230                                | 22.0    | 0     | 234         | 24.8    | 0     | 228         | 21.7    | 0     | 200         | 24.5    | 0     |

# CORN — Ridgetown, Tilbury, Dresden

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| CHU                                | Brand and/or Hybrid |                | GM Trait | Seed Trt | 2021-2022 averages <sup>1</sup> |         |       |               | 2022 averages <sup>2</sup> |         |       |               |
|------------------------------------|---------------------|----------------|----------|----------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|
|                                    |                     |                |          |          | average of 5 trials             |         |       |               | average of 3 trials        |         |       |               |
|                                    |                     |                |          |          | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index |
| 2975                               | Maizex              | MZ 4049SMX     | 8        | F        |                                 |         |       |               | 101                        | 17.6    | 0     | 101           |
| 3000                               | Brevant             | B00R96AM       | 23       | L        | 96                              | 18.2    | 1     | 101           | 96                         | 17.3    | 0     | 101           |
| 3000                               | CROPLAN             | 4188VT2P/RIB   | 6        | F        | 95                              | 18.0    | 0     | 99            | 96                         | 17.6    | 0     | 98            |
| 3000                               | Maizex              | MZ 4151TRE     | 32       | F        | 96                              | 17.6    | 0     | 99            | 96                         | 17.1    | 0     | 100           |
| 3000                               | Pioneer             | P0035AM        | 23       | L        | 102                             | 18.7    | 0     | 99            | 101                        | 18.2    | 0     | 99            |
| 3000                               | Pioneer             | P0075AM        | 23       | L        | 94                              | 18.3    | 0     | 101           | 97                         | 17.5    | 0     | 101           |
| 3050                               | CROPLAN             | CP4265VT2P/RIB | 6        | F        | 97                              | 18.2    | 0     | 99            | 95                         | 17.7    | 0     | 100           |
| 3075                               | NK Brand            | NK0243-D       | 33       | F        | 97                              | 18.4    | 2     | 98            | 98                         | 17.5    | 0     | 98            |
| 3100                               | Horizon             | HZ 4314        | 33       | F        | 103                             | 19.7    | 0     | 99            | 99                         | 19.3    | 0     | 101           |
| 3100                               | Maizex              | MZ 4158DBR     | 6        | F        | 99                              | 18.1    | 0     | 100           | 98                         | 17.3    | 0     | 101           |
| 3100                               | NK Brand            | NK0314-D       | 33       | F        | 93                              | 19.4    | 2     | 103           | 92                         | 18.8    | 0     | 104           |
| 3100                               | NK Brand            | NK0472-DV      | 34       | F        | 97                              | 19.4    | 0     | 102           | 93                         | 18.9    | 0     | 102           |
| 3100                               | Pioneer             | P0306AM        | 23       | L        | 97                              | 18.6    | 0     | 101           | 98                         | 17.7    | 0     | 101           |
| 3125                               | Brevant             | B04D72Q        | 36       | L        | 103                             | 19.4    | 0     | 99            | 105                        | 19.2    | 0     | 99            |
| 3125                               | Brevant             | B04S21AM       | 23       | L        | 97                              | 19.3    | 0     | 100           | 95                         | 18.7    | 0     | 100           |
| 3125                               | DEKALB              | DKC53-60RIB    | 32       | L        | 101                             | 17.8    | 0     | 100           | 102                        | 16.9    | 0     | 101           |
| 3125                               | Pioneer             | P0404AM        | 23       | L        | 100                             | 18.8    | 0     | 99            | 101                        | 18.1    | 0     | 99            |
| 3125                               | Pioneer             | P0434AM        | 23       | L        | 97                              | 18.9    | 0     | 103           | 97                         | 18.3    | 0     | 103           |
| 3125                               | Pioneer             | P0487Q         | 36       | L        | 101                             | 18.9    | 0     | 100           | 99                         | 18.4    | 0     | 99            |
| 3150                               | CROPLAN             | CF674          | 8        | F        | 94                              | 18.9    | 0     | 102           | 90                         | 18.5    | 0     | 104           |
| 3150                               | De Dell             | DL 6090        | 0        | —        |                                 |         |       |               | 96                         | 18.3    | 0     | 97            |
| 3150                               | Horizon             | M208E          | 34       | C        |                                 |         |       |               | 99                         | 19.9    | 0     | 100           |
| 3150                               | Maizex              | MZ 4577SMX     | 8        | F        | 99                              | 18.8    | 0     | 101           | 100                        | 18.0    | 0     | 102           |
| 3150                               | Pioneer             | P0529Q         | 36       | L        |                                 |         |       |               | 103                        | 18.8    | 0     | 101           |
| 3175                               | CROPLAN             | 4676SS/RIB     | 8        | F        | 97                              | 18.8    | 1     | 101           | 97                         | 18.0    | 0     | 101           |
| 3175                               | DEKALB              | DKC105-35RIB   | 6        | L        |                                 |         |       |               | 106                        | 18.2    | 0     | 99            |
| 3175                               | DEKALB              | DKC56-15RIB    | 32       | L        | 105                             | 19.1    | 0     | 99            | 101                        | 18.6    | 0     | 99            |
| 3175                               | Maizex              | MZ 460         | 0        | F        |                                 |         |       |               | 104                        | 18.1    | 0     | 98            |
| 3175                               | PRIDE Seeds         | A7373G2 RIB    | 6        | F        | 102                             | 19.3    | 0     | 101           | 102                        | 18.9    | 0     | 101           |
| 3200                               | Brevant             | B07M64AM       | 23       | L        | 105                             | 19.3    | 0     | 99            | 99                         | 18.8    | 1     | 99            |
| 3200                               | DEKALB              | DKC56-65RIB    | 8        | L        | 105                             | 19.8    | 0     | 98            | 106                        | 19.7    | 0     | 97            |
| 3200                               | Maizex              | MZ 4608SMX     | 8        | F        | 107                             | 18.6    | 0     | 100           | 105                        | 17.6    | 0     | 102           |
| 3225                               | Pioneer             | P0720AM        | 23       | L        | 101                             | 20.2    | 0     | 99            | 99                         | 20.1    | 0     | 99            |
| 3225                               | PRIDE Seeds         | A7676G4 RIB    | 32       | F        |                                 |         |       |               | 108                        | 19.2    | 0     | 96            |
| 3250                               | DEKALB              | DKC58-64RIB    | 8        | L        |                                 |         |       |               | 100                        | 18.7    | 0     | 100           |
| 3250                               | Maizex              | MZ 4755TRE     | 32       | F        |                                 |         |       |               | 100                        | 19.9    | 0     | 100           |
| 3250                               | Pioneer             | P0806AM        | 23       | L        | 101                             | 19.8    | 0     | 99            | 100                        | 19.3    | 0     | 99            |
| 3275                               | DEKALB              | DKC59-82RIB    | 6        | L        |                                 |         |       |               | 101                        | 20.9    | 0     | 100           |
| 3275                               | Maizex              | MZ 4821DBR     | 6        | F        | 108                             | 20.4    | 0     | 100           | 106                        | 20.3    | 0     | 100           |
| 3300                               | Pioneer             | P0953AM        | 23       | L        |                                 |         |       |               | 104                        | 19.7    | 0     | 100           |
| 3300                               | PRIDE Seeds         | A7818G2 RIB    | 6        | F        | 105                             | 18.5    | 0     | 99            | 105                        | 18.1    | 0     | 99            |
| 3350                               | PRIDE Seeds         | A8188G8 RIB    | 8        | F        |                                 |         |       |               | 104                        | 21.7    | 1     | 98            |
| 3400                               | PRIDE Seeds         | A8303G8 RIB    | 8        | F        | 106                             | 21.7    | 0     | 102           | 106                        | 21.7    | 0     | 102           |
| LSD (0.10) for Yield Index Points* |                     |                |          |          | 4                               |         |       |               | 6                          |         |       |               |
| Average all hybrids†               |                     |                |          |          | 244                             | 19.0    | 0     | 72            | 243                        | 18.7    | 0     | 72            |

1 Ridgetown 2021-2022, Tilbury 2021-2022, Dresden 2021-2022

2 Ridgetown, Tilbury, Dresden

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

**Note:** The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

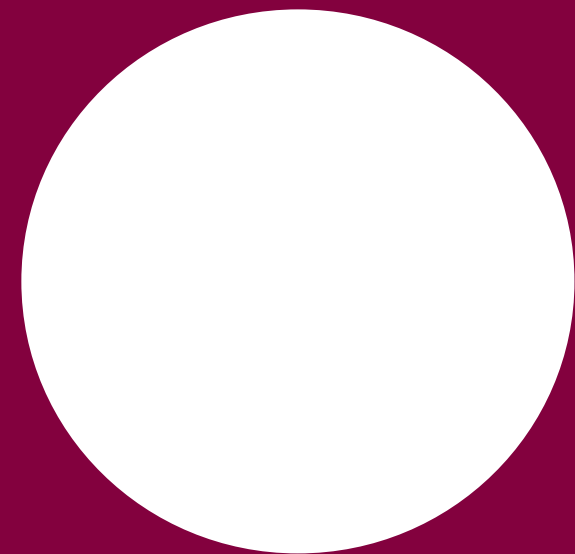
Results for hybrids with moisture contents over 30% should be interpreted with much caution.

| Results of 2022 Performance Trials |                     |                |             |         |       |             |         |       |             |         |       |
|------------------------------------|---------------------|----------------|-------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |                | DRESDEN     |         |       | RIDGETOWN   |         |       | TILBURY     |         |       |
| CHU                                | Brand and/or Hybrid |                | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2975                               | Maizex              | MZ 4049SMX     | 108         | 17.9    | 0     | 100         | 19.4    | 0     | 95          | 15.4    | 0     |
| 3000                               | Brevant             | B00R96AM       | 92          | 17.8    | 0     | 97          | 18.9    | 0     | 99          | 15.2    | 0     |
| 3000                               | CROPLAN             | 4188VT2P/RIB   | 94          | 18.0    | 1     | 98          | 20.0    | 0     | 95          | 14.9    | 0     |
| 3000                               | Maizex              | MZ 4151TRE     | 96          | 17.3    | 0     | 98          | 19.2    | 0     | 93          | 14.8    | 0     |
| 3000                               | Pioneer             | P0035AM        | 99          | 18.3    | 1     | 101         | 20.7    | 0     | 103         | 15.6    | 0     |
| 3000                               | Pioneer             | P0075AM        | 91          | 17.8    | 0     | 98          | 19.5    | 0     | 100         | 15.3    | 0     |
| 3050                               | CROPLAN             | CP4265VT2P/RIB | 90          | 18.0    | 0     | 97          | 19.2    | 0     | 97          | 15.8    | 0     |
| 3075                               | NK Brand            | NK0243-D       | 105         | 18.1    | 0     | 92          | 18.9    | 0     | 98          | 15.4    | 0     |
| 3100                               | Horizon             | HZ 4314        | 100         | 19.3    | 1     | 91          | 22.7    | 0     | 108         | 15.9    | 0     |
| 3100                               | Maizex              | MZ 4158DBR     | 93          | 17.8    | 0     | 103         | 18.8    | 0     | 96          | 15.5    | 0     |
| 3100                               | NK Brand            | NK0314-D       | 94          | 19.8    | 0     | 95          | 20.3    | 0     | 87          | 16.2    | 0     |
| 3100                               | NK Brand            | NK0472-DV      | 92          | 19.5    | 0     | 97          | 21.2    | 0     | 89          | 15.9    | 0     |
| 3100                               | Pioneer             | P0306AM        | 104         | 18.1    | 0     | 94          | 19.6    | 0     | 97          | 15.5    | 0     |
| 3125                               | Brevant             | B04D72Q        | 113         | 19.6    | 0     | 103         | 21.7    | 0     | 99          | 16.3    | 0     |
| 3125                               | Brevant             | B04S21AM       | 101         | 18.7    | 0     | 95          | 21.9    | 0     | 88          | 15.6    | 0     |
| 3125                               | DEKALB              | DKC53-60RIB    | 101         | 17.3    | 0     | 105         | 18.4    | 0     | 99          | 15.0    | 0     |
| 3125                               | Pioneer             | P0404AM        | 101         | 18.0    | 0     | 97          | 20.5    | 0     | 106         | 15.8    | 0     |
| 3125                               | Pioneer             | P0434AM        | 94          | 18.8    | 0     | 97          | 20.5    | 0     | 102         | 15.6    | 0     |
| 3125                               | Pioneer             | P0487Q         | 102         | 19.0    | 0     | 101         | 20.5    | 0     | 92          | 15.7    | 0     |
| 3150                               | CROPLAN             | CF674          | 90          | 18.8    | 0     | 90          | 21.2    | 0     | 91          | 15.5    | 0     |
| 3150                               | De Dell             | DL 6090        | 92          | 19.0    | 0     | 95          | 20.4    | 0     | 102         | 15.5    | 0     |
| 3150                               | Horizon             | M208E          | 103         | 20.7    | 0     | 95          | 22.8    | 0     | 101         | 16.4    | 0     |
| 3150                               | Maizex              | MZ 4577SMX     | 99          | 18.5    | 0     | 101         | 19.9    | 0     | 100         | 15.5    | 0     |
| 3150                               | Pioneer             | P0529Q         | 102         | 18.7    | 0     | 109         | 22.1    | 0     | 95          | 15.7    | 0     |
| 3175                               | CROPLAN             | 4676SS/RIB     | 93          | 18.4    | 0     | 101         | 20.0    | 0     | 97          | 15.5    | 0     |
| 3175                               | DEKALB              | DKC105-35RIB   | 110         | 18.7    | 0     | 104         | 20.6    | 0     | 105         | 15.4    | 0     |
| 3175                               | DEKALB              | DKC56-15RIB    | 99          | 19.3    | 0     | 104         | 20.7    | 0     | 98          | 16.0    | 0     |
| 3175                               | Maizex              | MZ 460         | 114         | 18.4    | 0     | 94          | 20.6    | 0     | 104         | 15.4    | 0     |
| 3175                               | PRIDE Seeds         | A7373G2 RIB    | 102         | 19.1    | 0     | 102         | 21.8    | 0     | 102         | 15.8    | 0     |
| 3200                               | Brevant             | B07M64AM       | 102         | 18.7    | 2     | 103         | 21.5    | 0     | 91          | 16.1    | 0     |
| 3200                               | DEKALB              | DKC56-65RIB    | 106         | 20.3    | 0     | 107         | 22.8    | 0     | 105         | 16.0    | 0     |
| 3200                               | Maizex              | MZ 4608SMX     | 107         | 18.1    | 0     | 102         | 19.3    | 0     | 107         | 15.3    | 0     |
| 3225                               | Pioneer             | P0720AM        | 96          | 20.0    | 0     | 100         | 24.1    | 0     | 100         | 16.1    | 0     |
| 3225                               | PRIDE Seeds         | A7676G4 RIB    | 104         | 19.7    | 0     | 106         | 22.2    | 0     | 116         | 15.7    | 0     |
| 3250                               | DEKALB              | DKC58-64RIB    | 99          | 18.7    | 0     | 101         | 21.7    | 0     | 99          | 15.7    | 0     |
| 3250                               | Maizex              | MZ 4755TRE     | 102         | 20.1    | 0     | 98          | 23.7    | 0     | 101         | 16.0    | 0     |
| 3250                               | Pioneer             | P0806AM        | 98          | 19.7    | 0     | 100         | 22.4    | 0     | 103         | 15.8    | 0     |
| 3275                               | DEKALB              | DKC59-82RIB    | 98          | 20.6    | 0     | 105         | 26.0    | 0     | 98          | 16.1    | 0     |
| 3275                               | Maizex              | MZ 4821DBR     | 104         | 20.1    | 0     | 107         | 24.2    | 0     | 108         | 16.7    | 0     |
| 3300                               | Pioneer             | P0953AM        | 105         | 20.3    | 0     | 107         | 22.7    | 0     | 98          | 16.1    | 0     |
| 3300                               | PRIDE Seeds         | A7818G2 RIB    | 97          | 18.3    | 0     | 108         | 20.5    | 0     | 110         | 15.3    | 0     |
| 3350                               | PRIDE Seeds         | A8188G8 RIB    | 99          | 20.7    | 2     | 102         | 27.1    | 0     | 112         | 17.4    | 0     |
| 3400                               | PRIDE Seeds         | A8303G8 RIB    | 110         | 21.8    | 0     | 97          | 25.1    | 0     | 113         | 18.1    | 0     |
| LSD (0.10) for Yield Index Points* |                     |                | 11          |         |       | 6           |         |       | 12          |         |       |
| Average all hybrids†               |                     |                | 233         | 19.0    | 0     | 277         | 21.3    | 0     | 218         | 15.8    | 0     |

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# Soybean Crops

Soybean Variety Performance trials are conducted by the Ontario Soybean and Canola Committee (OSACC). For more information about OSACC go to [www.gosoy.ca](http://www.gosoy.ca)

This organization is made up of representatives of Agriculture & Agri-Food Canada, the University of Guelph, the Ontario Seed Growers Association, Seeds Canada, the Grain Farmers of Ontario, OMAFRA and various agricultural organizations. Soybean variety Trials are conducted each year by AAFC research centres at Ottawa and Harrow; University of Guelph and its regional campuses at Ridgetown, Winchester and New Liskeard; or by a contractor under the directions of regional MG zone coordinators.

## Interpretation of Variety Description Table

### Plant Breeders' Rights

☞ Indicates a variety that is protected by Plant Breeders Rights legislation that complies with UPOV 1978.

☞ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeders Rights legislation that complies with UPOV 1991.

**Notes:** Varieties with resistance genes for races of the Phytophthora root rot organism in Ontario:

1a,1c,1k, 6: Resistance genes for Phytophthora root rot in Ontario which provide resistance to some races of the pathogen. Rps 1a does not provide protection to most races of the pathogen in Ontario

SCN: Resistant to some HG types of Soybean Cyst Nematode (SCN) in Ontario.

HP: Varieties with above average protein index.

L-LA: L-LA is a designation used by seed sponsors to indicate a soybean variety that produces low linolenic acid in the seed

### Herbicide Reaction

RR: Roundup Ready™ (Trademark of Monsanto Company)

RR2Y: Roundup Ready 2 Yield™ (Trademark of Monsanto Company)

RR2X: Roundup Ready 2 Xtend™ (Trademark of Monsanto Company)

E3: Enlist E3™ (Trademark of Dow AgroSciences, DuPont or Pioneer and affiliated companies or their respective owners)

LL: Liberty Link™ (Trademark of Bayer CropScience AG)

Varieties have not been evaluated for metribuzin tolerance by OSACC.

For further information contact seed distributor. The following variety has been reported to OSACC as being Metribuzin Sensitive (MS): Astor.

### Relative Maturity

Ranking of maturities has been initiated to provide producers with a rating system that is similar to the USA soybean industry standards. Rankings are not assigned by OSACC. See attached Relative Maturity map on page 61.

### Hilum Colour

Each soybean seed has a hilum which is the point where it was attached to the pod. Varieties differ in hilum colour and can be either Yellow (Y), Imperfect Yellow (IY), Gray (GR), Buff (BF), Brown (BR), Black (BL), or Imperfect Black (IBL). Hilum colour may also be Light (L). Yellow hilum soybeans are usually the only type accepted for the export market. In certain years discolouration of the hilum of IY varieties can occur and as a result the soybeans may not be acceptable for export markets.

PHOTO: CLEG MARCHAK/ISTOCK/GETTYIMAGES

# Ontario Performance Trial Data

## SOYBEANS

### Interpretation of Variety Description Table

#### Seeds per Kilogram

This is an estimate of the relative number of seeds of a particular variety in a kilogram of seed based on a 1-2 years of data from all locations where a variety was tested. Since seed size can vary from year to year and from seed lot to seed lot these figures should be used as a rough guide only. The actual seed size reported on each seed lot should be used to calculate seeding rate.

#### Phytophthora Root Rot % Plant Loss

Phytophthora root rot testing is carried out on clay soils infested with common races of Phytophthora at Woodslee. Previous methodology used counting plants shortly after emergence (3-4 weeks after planting) and a subsequent counting 4 weeks later. The loss was estimated based on the difference between count 2 and count 1, taken as a percentage. The limitation in this counting method is that it does not take into account pre-emergence mortality due to PRR nor does it take into account late season mortality. Starting in 2019 we began expressing the PRR ratings based on final stand in a High phytophthora pressure environment. This final stand was only rated once for all maturity groups and this was again changed to rate the plants near the R6 growth stage which was done in 2020 in order to capture late season PRR damage.

#### Protein & Oil Index

Protein Index (%) and Oil (%) are found on the web at [www.Gosoy.ca](http://www.Gosoy.ca).

#### Least Significant Difference (LSD)

The Least Significant Difference (LSD) was determined for each Yield Index column. To compare any two varieties within a column, the yield can be considered the same if the difference between their yield indices is less than or equal to the LSD for that column.

### Interpretation of Agronomic Performance Tables

#### Days from Planting to Maturity

Maturity is affected by planting date and the area where a variety is being grown. Varieties are rated as being mature when 95% of the pods on the plants are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining. Starting in 2022, the 1-year average in addition to the 2-year average is shown. Tables are sorted by the 2-year average.

#### Yield Index

Varieties can only be compared within each test area. Yield index of a variety indicates its performance as a percentage of the average yield of all varieties grown in a test area. Small index differences may not be meaningful. In Tables 2-4, the yield index for each location and for the average of all locations is based on 2-3 years of testing. In Tables 5-6, the Clay and Loam Averages are based on 3 years of testing. Yield index averaged over locations and years will be a more reliable indicator of yield potential than performance from one single location or single year.

#### Plant Height

An indicator of the amount of plant growth, it is measured at maturity as the length of the stem from the base of the plant at soil level to its tip. A 2-year average is shown.

#### Lodging

A visual estimate at maturity of the standability of the crop. A value of 1 is equivalent to a crop standing completely upright, while a 5 represents a crop entirely flat. Within a test area, varieties with lower values are less prone to lodging. A 2-year average is shown. Lodging may not be rated for all test sites in each maturity group.

#### Testing Methods

In each trial, varieties were replicated in a suitable experimental design and received equal fertility, weed control and management. All trials were planted and harvested by machine. Tests were separated into conventional herbicide and glyphosate herbicide treated plots. Prior to harvest, plant height and lodging scores were obtained. The grain harvested from each plot was weighed and the yield of soybeans was calculated in tonnes/hectare at 13% moisture.

#### Food Soybean Varieties (F)

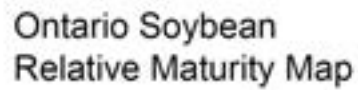
The Conventional and Food soybean variety trials were combined for the first time in 2006. All conventional and food varieties were grown in the same test sites in all three years for which data is presented.

## SOYBEAN TEST LOCATIONS & SOIL TYPES

### 2022 Trials

| Location     | Table  | Relative Maturity | Soil Type | Row Width (cm) | Seeding Rate (plant/ac) | Co-operator                   | Trial Co-ordinator            |
|--------------|--------|-------------------|-----------|----------------|-------------------------|-------------------------------|-------------------------------|
| New Liskeard | 2a     | 00.5              | clay      | 35             | 200,000                 | U of Guelph, New Liskeard     | U of Guelph, New Liskeard     |
| Dundalk      | 2b     | 00.9              | loam      | 56             | 192,000                 | Leo Blydorp                   | U of Guelph, OCRC-Winchester  |
| Belwood      | 2b     | 0.2               | clay loam | 56             | 192,000                 | Doug Shaw                     | U of Guelph, OCRC-Winchester  |
| Elora        | 2b & 3 | 0.6               | silt loam | 35             | 200,000                 | OAC, U of Guelph              | OAC, U of Guelph              |
| Ottawa       | 3      | 0.6               | clay loam | 45             | 200,000                 | Research Centre, AAFC, Ottawa | ORDC, AAFC, Ottawa            |
| Walton       | 3      | 0.7               | loam      | 56             | 192,000                 | Neil Mitchell                 | ORDC, AAFC, Ottawa            |
| Winchester   | 4      | 1.0               | clay loam | Twin (48, 28)* | 175,000                 | U of Guelph, Winchester       | U of Guelph, OCRC-Winchester  |
| Woodstock    | 4      | 1.8               | clay loam | 35             | 200,000                 | OAC, U of Guelph              | OAC, U of Guelph              |
| Exeter       | 4      | 1.7               | clay loam | 38             | 200,000                 | Huron Research Station        | Ridgetown Campus, U of Guelph |
| St. Marys    | 4      | 1.5               | clay loam | 35             | 200,000                 | Alex Gibson                   | OAC, U of Guelph              |
| Palmyra      | 5      | 2.7               | clay      | 43             | 235,000                 | Richard Wierenga              | Ridgetown Campus, U of Guelph |
| Ridgetown    | 5      | 2.8               | clay loam | 43             | 200,000                 | Ridgetown Campus, U of Guelph | Ridgetown Campus, U of Guelph |
| Chatham      | 6      | 2.9               | clay loam | 43             | 200,000                 | Heather Macleod               | Ridgetown Campus, U of Guelph |
| Merlin       | 6      | 3.1               | clay      | 43             | 235,000                 | Grant Guy                     | Ridgetown Campus, U of Guelph |
| Woodslee     | 6      | 3.3               | clay      | 46             | 200,000                 | Research Centre, AAFC, Harrow | HRDC, AAFC, Harrow            |
| Malden       | 6      | 3.5               | clay loam | 46             | 185,000                 | Research Centre, AAFC, Harrow | HRDC, AAFC, Harrow            |

\* Twin rows 48 (between twin rows) and 28 cm (within twin row) spacing.



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**TABLE 1 — VARIETY PERFORMANCE LIST AND DESCRIPTIONS**

| Variety               | Notes      | Herbicide Reaction | Relative <sup>1</sup> Maturity | Hilum Colour | Seeds per Kg | Phytophthora <sup>2</sup> | Distributor                    |
|-----------------------|------------|--------------------|--------------------------------|--------------|--------------|---------------------------|--------------------------------|
|                       |            |                    |                                |              |              | Root Rot %<br>Plant Loss  |                                |
| ABACA <sup>®</sup>    |            |                    | 000.7                          | IY           | 4900         | na                        | SG Ceresco, Inc.               |
| Evo E3                |            | E3                 | 000.7                          | BF           | 7100         | na                        | Prograin                       |
| Gecko R2X             |            | RR2X               | 000.7                          | BL           | 7400         | na                        | Prograin                       |
| S0007-S1X             | 1c, 3a     | RR2X               | 000.7                          | IY           | 6300         | na                        | Syngenta Canada, Inc.          |
| DKB0009-89            | 1c, 1k     | RR2X               | 000.9                          | BL           | 5500         | 44                        | DEKALB                         |
| Fresco R2X            | 1a         | RR2X               | 000.9                          | BL           | 6000         | na                        | Prograin                       |
| S0009-F2X             | 1c         | RR2X               | 000.9                          | BR           | 6800         | na                        | Syngenta Canada, Inc.          |
| S0009-M2              | 6          | RR2Y               | 000.9                          | IY           | 6500         | 46                        | Syngenta Canada, Inc.          |
| PS 0011 XRN           | SCN 1c     | RR2X               | 00.0                           | BL           | 6600         | na                        | PRIDE Seeds                    |
| S001-D8X              | 1c         | RR2X               | 00.1                           | IY           | 6800         | —                         | Syngenta Canada, Inc.          |
| DKB002-32             | SCN 1k     | RR2X               | 00.2                           | BR           | 6600         | 29                        | DEKALB                         |
| JAGO                  |            |                    | 00.2                           | Y            | 4800         | na                        | SG Ceresco, Inc.               |
| Mahony R2             |            | RR2Y               | 00.2                           | BL           | 4800         | 45                        | SeCan                          |
| Siberia               |            |                    | 00.2                           | IY           | 6300         | na                        | Prograin                       |
| S003-R5X              | 1c         | RR2X               | 00.3                           | IY           | 6700         | na                        | Syngenta Canada, Inc.          |
| Bourke R2X            | 1k         | RR2X               | 00.4                           | BL           | 6100         | 41                        | SeCan                          |
| Merino R2X            | SCN 1k     | RR2X               | 00.4                           | BL           | 4900         | na                        | Prograin                       |
| Mozart                |            |                    | 00.4                           | Y            | 4400         | na                        | Semican Inc.                   |
| Aurelina <sup>®</sup> |            |                    | 00.5                           | IY           | 4800         | 46                        | C&M Seeds                      |
| Hart R2X              | 1c         | RR2X               | 00.5                           | BR           | 5500         | na                        | SeCan                          |
| P005A83X              | SCN 1c     | RR2X               | 00.5                           | BL           | 5600         | na                        | Pioneer                        |
| S007-Y4               | 1c         | RR2Y               | 00.5                           | IY           | 5500         | 36                        | Syngenta Canada, Inc.          |
| B0061E                | 1c         | E3                 | 00.6                           | BR           | —            | na                        | Brevant Seeds                  |
| DKB006-80             | SCN 1c     | RR2X               | 00.6                           | BL           | 5300         | na                        | DEKALB                         |
| Kudo R2X              |            | RR2X               | 00.6                           | BL           | 5800         | na                        | Prograin                       |
| P006A37X              | 1c         | RR2X               | 00.6                           | BR           | 5900         | na                        | Pioneer                        |
| S006-K3X              | SCN 1c     | RR2X               | 00.6                           | BF           | 6400         | na                        | Syngenta Canada, Inc.          |
| Elmo E3               | SCN 1a     | E3                 | 00.7                           | LBR          | 6400         | na                        | Prograin                       |
| EXP00722XR            | 1c, 1k     | RR2X               | 00.7                           | BL           | —            | na                        | PRIDE Seeds                    |
| Liska <sup>®</sup>    |            |                    | 00.7                           | IY           | 5700         | na                        | Prograin                       |
| Maya <sup>®</sup>     |            |                    | 00.7                           | IY           | 5900         | na                        | Prograin                       |
| S007-A2XS             |            | RR2X               | 00.7                           | GR           | 7400         | na                        | Syngenta Canada, Inc.          |
| S007-Z1X              | 1c         | RR2X               | 00.7                           | BR           | 5100         | 45*                       | Syngenta Canada, Inc.          |
| SI 007XTN             | SCN 1c     | RR2X               | 00.7                           | BL           | 4500         | na                        | Sevita International           |
| AAC Hensatto          |            |                    | 00.8                           | Y            | 10600        | na                        | Hensall Co-op                  |
| BAFFIN                |            |                    | 00.8                           | IY           | 5300         | na                        | SG Ceresco, Inc.               |
| DKB008-48             |            | RR2X               | 00.8                           | BL           | 5300         | 28*                       | DEKALB                         |
| S008-N2               |            | RR2Y               | 00.8                           | BR           | 4900         | 44                        | Syngenta Canada, Inc.          |
| Hana                  |            |                    | 00.9                           | Y            | 5100         | 16                        | Prograin                       |
| Jari                  |            |                    | 00.9                           | IY           | 4800         | 14                        | Elite                          |
| Kazart                |            |                    | 00.9                           | Y            | 4400         | na                        | Semican Inc.                   |
| Koa <sup>®</sup>      |            |                    | 00.9                           | IY           | 5900         | na                        | Prograin                       |
| PS 0098 XR            | 1k         | RR2X               | 00.9                           | BL           | 5700         | 32                        | PRIDE Seeds                    |
| Triquet R2X           | SCN 1k     | RR2X               | 00.9                           | BL           | 5000         | na                        | SeCan                          |
| Verso R2X             | 1k         | RR2X               | 00.9                           | BR           | 5700         | na                        | Prograin                       |
| Bronco R2X            | 1c, 6      | RR2X               | 0.0                            | IY           | 4600         | na                        | Prograin                       |
| PRO 2525R2            |            | RR2Y               | 0.0                            | BL           | 4600         | 41                        | Sevita International           |
| Apollina <sup>®</sup> |            |                    | 0.1                            | IY           | 4500         | na                        | Saatbau Linz                   |
| Atiron                | HP         |                    | 0.1                            | IY           | 4700         | 43*                       | Huron Commodities Inc.         |
| Grizzly R2X           | SCN 1k, 3a | RR2X               | 0.1                            | BL           | 5600         | na                        | Elite                          |
| LS 008R21             |            | RR2Y               | 0.1                            | BR           | 5000         | 49                        | Sevita International           |
| Rico R2X              | SCN 1c     | RR2X               | 0.1                            | LBR          | 5900         | na                        | Prograin                       |
| S01-C4X               | 1c         | RR2X               | 0.1                            | BL           | 5800         | 46                        | Syngenta Canada, Inc.          |
| Asahi                 |            |                    | 0.2                            | IY           | 5000         | na                        | Synagri                        |
| Donaldo R2X           | 1c         | RR2X               | 0.2                            | BL           | 5600         | na                        | Prograin                       |
| Emilio E3             | 1a, 3a     | E3                 | 0.2                            | BF           | 5500         | na                        | Prograin                       |
| Haltifo               |            |                    | 0.2                            | Y            | 4400         | na                        | Centre de Criblage MarcBercier |
| Kyoto                 |            |                    | 0.2                            | Y            | 4700         | na                        | Synagri                        |

(continued) TABLE 1 — VARIETY PERFORMANCE LIST AND DESCRIPTIONS

| Variety                    | Notes      | Herbicide Reaction | Relative <sup>1</sup> Maturity | Hilum Colour | Seeds per Kg | Phytophthora <sup>2</sup> Root Rot % Plant Loss | Distributor            |
|----------------------------|------------|--------------------|--------------------------------|--------------|--------------|-------------------------------------------------|------------------------|
| S02-M4XF                   | SCN 1c     | XF                 | 0.2                            | BL           | 6000         | na                                              | Syngenta Canada, Inc.  |
| AAC Shinju <sup>⓪</sup>    | 1c         |                    | 0.3                            | Y            | 8500         | 39                                              | Huron Commodities Inc. |
| B036CE                     | SCN 1k     | E3                 | 0.3                            | BR           | 5300         | na                                              | Brevant Seeds          |
| Cobra R2X                  | SCN 1c     | RR2X               | 0.3                            | BR           | 5600         | na                                              | Elite                  |
| DKB03-25                   | 1c         | RR2X               | 0.3                            | BR           | 5400         | 32*                                             | DEKALB                 |
| Panorama                   | 1c, 6      |                    | 0.3                            | Y            | 4700         | 44                                              | Sevita International   |
| PRO 03X74                  | 1c         | RR2X               | 0.3                            | BR           | 5600         | 48                                              | Sevita International   |
| PS 0322 EN                 | SCN 1c     | E3                 | 0.3                            | IBL          | 5700         | na                                              | PRIDE Seeds            |
| S03-P4 <sup>⓪</sup>        | SCN 1c, 3a |                    | 0.3                            | IY           | 4700         | 50*                                             | Syngenta Canada, Inc.  |
| S03-V5E3                   | SCN 1c     | E3                 | 0.3                            | IBL          | 5700         | na                                              | Syngenta Canada, Inc.  |
| AAC Larkin                 |            |                    | 0.4                            | Y            | 9800         | 44                                              | Sevita International   |
| OAC Champion <sup>⓪</sup>  |            |                    | 0.4                            | IY           | 4600         | 55                                              | Agrocentre Belcan      |
| OAC Strive <sup>⓪</sup>    |            |                    | 0.4                            | IY           | 4400         | 35                                              | SeCan                  |
| P04A98E                    | SCN 1c     | E3                 | 0.4                            | BR           | 4500         | na                                              | Pioneer                |
| PS 0420 XRN                | SCN        | RR2X               | 0.4                            | BL           | 5400         | na                                              | PRIDE Seeds            |
| S04-J6X                    | SCN 1c     | RR2X               | 0.4                            | BL           | 6100         | 37*                                             | Syngenta Canada, Inc.  |
| S04-K9 <sup>⓪</sup>        | SCN 1c     |                    | 0.4                            | Y            | 4200         | 35*                                             | Syngenta Canada, Inc.  |
| Salto R2                   | 1c, 3a     | RR2Y               | 0.4                            | BR           | 5600         | na                                              | Prograin               |
| Stingray R2X               | SCN 1c     | RR2X               | 0.4                            | BL           | 5700         | na                                              | Elite                  |
| Utica                      |            |                    | 0.4                            | IY           | 4500         | 43*                                             | Sevita International   |
| Aya <sup>⓪</sup>           |            |                    | 0.5                            | Y            | 4300         | na                                              | Prograin               |
| Graves E3                  | SCN 3a     | E3                 | 0.5                            | LBR          | 4900         | na                                              | SeCan                  |
| Hola <sup>⓪</sup>          |            |                    | 0.5                            | IY           | 4300         | na                                              | Prograin               |
| OAC Acclaim                |            |                    | 0.5                            | IY           | 4500         | 44                                              | Huron Commodities Inc. |
| OAC Hastings <sup>⓪</sup>  |            |                    | 0.5                            | IY           | 4600         | 50                                              | SeCan                  |
| OAC Lakeview               |            |                    | 0.5                            | Y            | 4800         | 44                                              | Snobelen Farms Ltd.    |
| P05A35X                    | 1c         | RR2X               | 0.5                            | BF           | 5100         | na                                              | Pioneer                |
| PS 0521 XRN                | SCN 1c     | RR2X               | 0.5                            | IBL          | 5500         | na                                              | PRIDE Seeds            |
| Ramage XF                  | SCN 1c     | XF                 | 0.5                            | IY           | 5900         | na                                              | SeCan                  |
| Samson E3                  | 1k         | E3                 | 0.5                            | LBR          | 6400         | na                                              | SeCan                  |
| Savage R2X                 | SCN 1c     | RR2X               | 0.5                            | BL           | 5600         | na                                              | SeCan                  |
| Altitude R2                | 3a         | RR2Y               | 0.6                            | BR           | 4900         | 42                                              | SeCan                  |
| Amino R2X                  | 1c         | RR2X               | 0.6                            | BL           | 5400         | na                                              | Prograin               |
| Asana <sup>⓪</sup>         | 1c         |                    | 0.6                            | Y            | 4400         | na                                              | Prograin               |
| Cypress                    | 1c         |                    | 0.6                            | Y            | 5000         | 27                                              | Sevita International   |
| DKB06-76                   | SCN 1k     | RR2X               | 0.6                            | IBL          | 5200         | na                                              | DEKALB                 |
| Expand R2X                 | SCN 1c     | RR2X               | 0.6                            | BL           | 5600         | 34                                              | SeCan                  |
| Harvey E3                  |            | E3                 | 0.6                            | BF           | 6000         | na                                              | SeCan                  |
| Kristian <sup>⓪</sup>      |            |                    | 0.6                            | IY           | 4300         | 33*                                             | SG Ceresco, Inc.       |
| Lindber                    |            |                    | 0.6                            | Y            | 10400        | na                                              | Sevita International   |
| Lion R2X <sup>⓪</sup>      | 1c         | RR2X               | 0.6                            | IY           | 5000         | na                                              | Elite                  |
| Nano R2X                   | SCN 3a     | RR2X               | 0.6                            | BR           | 5500         | na                                              | Prograin               |
| OAC Carson <sup>⓪</sup>    |            |                    | 0.6                            | IY           | 4400         | 49                                              | SeCan                  |
| OAC Evolution <sup>⓪</sup> |            |                    | 0.6                            | IY           | 4800         | 37                                              | Agrocentre Belcan      |
| OAC Kamran <sup>⓪</sup>    |            |                    | 0.6                            | IY           | 4600         | 43                                              | SeCan                  |
| P06A38E                    | 1c         | E3                 | 0.6                            | BR           | 4600         | na                                              | Pioneer                |
| P06A48X                    | 1c         | RR2X               | 0.6                            | LBR          | 5800         | na                                              | Pioneer                |
| Perry E3                   | SCN 3a     | E3                 | 0.6                            | LBR          | 5700         | na                                              | SeCan                  |
| S06-A3XF                   | SCN 1c, 3a | XF                 | 0.6                            | GR           | 4900         | na                                              | Syngenta Canada, Inc.  |
| Seabrook R2X               | 1k         | RR2X               | 0.6                            | BL           | 6100         | na                                              | SeCan                  |
| SI 0620XTN                 | SCN 1c     | RR2X               | 0.6                            | BL           | 5600         | na                                              | Sevita International   |
| Abiola <sup>⓪</sup>        |            |                    | 0.7                            | IY           | 4700         | na                                              | Saatbau Linz           |
| Angelica <sup>⓪</sup>      |            |                    | 0.7                            | IY           | 4700         | 55                                              | C&M Seeds              |
| Atacama <sup>⓪</sup>       |            |                    | 0.7                            | IY           | 4900         | na                                              | SG Ceresco, Inc.       |
| Axis E3                    | 1c         | E3                 | 0.7                            | LBR          | 5600         | na                                              | Horizon Seeds Canada   |
| B074HE                     | 1c         | E3                 | 0.7                            | BR           | 4700         | na                                              | Brevant Seeds          |
| Caliper E3                 |            | E3                 | 0.7                            | IBL          | 4900         | na                                              | Horizon Seeds Canada   |
| Dunham                     | SCN 1c     |                    | 0.7                            | IY           | 4200         | 39                                              | Sevita International   |

TABLE 1 — VARIETY PERFORMANCE LIST AND DESCRIPTIONS (*continued*)

| Variety                 | Notes      | Herbicide Reaction | Relative <sup>1</sup> Maturity | Hilum Colour | Seeds per Kg | Phytophthora <sup>2</sup> Root Rot % Plant Loss | Distributor           |
|-------------------------|------------|--------------------|--------------------------------|--------------|--------------|-------------------------------------------------|-----------------------|
| Dyno R2X                |            | RR2X               | 0.7                            | BR           | 4900         | na                                              | Prograin              |
| Elico E3                | SCN        | E3                 | 0.7                            | Y            | 5800         | na                                              | Prograin              |
| EW2021083               | SCN 3a     | E3                 | 0.7                            | IBL          | 5200         | na                                              | Syngenta Canada, Inc. |
| Kagawa                  |            |                    | 0.7                            | IY           | 4200         | na                                              | Synagri               |
| Marula                  | 1c         |                    | 0.7                            | Y            | 4400         | na                                              | Prograin              |
| Navan                   | SCN 1c, 3a |                    | 0.7                            | Y            | 4300         | 34*                                             | Sevita International  |
| OAC Wallace             |            |                    | 0.7                            | BR           | 4900         | 48                                              | SeCan                 |
| PS 0779 XRN             | SCN 1c     | RR2X               | 0.7                            | BL           | 6100         | 39                                              | PRIDE Seeds           |
| S07-K5X                 | 3a         | RR2X               | 0.7                            | GR           | 5100         | 40                                              | Syngenta Canada, Inc. |
| Ajico <sup>⓪</sup>      | 1c         |                    | 0.8                            | IY           | 4500         | na                                              | Elite                 |
| Albenga <sup>⓪</sup>    |            |                    | 0.8                            | IY           | 4400         | 3*                                              | SG Ceresco, Inc.      |
| Enyo E3                 | SCN        | E3                 | 0.8                            | BF           | 5600         | na                                              | Prograin              |
| Ezra                    | 3a         |                    | 0.8                            | Y            | 4800         | na                                              | Prograin              |
| Miko R2                 | 1c         | RR2Y               | 0.8                            | BR           | 5200         | na                                              | Prograin              |
| Neptune                 | 1c, 3a     |                    | 0.8                            | IY           | 4000         | 34                                              | Sevita International  |
| Orr R2X                 | SCN 3a     | RR2X               | 0.8                            | BR           | 5400         | na                                              | SeCan                 |
| Park E3                 |            | E3                 | 0.8                            | BF           | 6100         | na                                              | SeCan                 |
| S07-M8 <sup>⓪</sup>     | 1c         |                    | 0.8                            | IY           | 4500         | 43                                              | Syngenta Canada, Inc. |
| SI 0720E3N              | SCN 1a, 3a | E3                 | 0.8                            | IBL          | 5300         | 34*                                             | Sevita International  |
| Vertigo R2              | SCN 1c     | RR2Y               | 0.8                            | BL           | 5600         | na                                              | Prograin              |
| Viper R2X               | SCN 1c     | RR2X               | 0.8                            | BL           | 5200         | na                                              | Elite                 |
| AAC Kovik               |            |                    | 0.9                            | Y            | 4500         | na                                              | SG Ceresco, Inc.      |
| B091FE                  | 1c         | E3                 | 0.9                            | IBL          | 5700         | na                                              | Brevant Seeds         |
| Beliveau R2X            | SCN 1k, 3a | RR2X               | 0.9                            | BR           | 5200         | 28                                              | SeCan                 |
| EXP0922XRN              | SCN 1c     | RR2X               | 0.9                            | IBL          | 4900         | na                                              | PRIDE Seeds           |
| Finch                   | 1c         |                    | 0.9                            | Y            | 5000         | 36                                              | Sevita International  |
| Genesis                 | 1a         |                    | 0.9                            | Y            | 4800         | 46                                              | Sevita International  |
| Havane                  |            |                    | 0.9                            | Y            | 4700         | 30                                              | SG Ceresco, Inc.      |
| Landmark E3             | 3a         | E3                 | 0.9                            | IBL          | 5300         | na                                              | Horizon Seeds Canada  |
| Matilda                 | 1k         |                    | 0.9                            | IY           | 4800         | 44                                              | Sevita International  |
| P09A53X                 | 1k         | RR2X               | 0.9                            | BR           | 4800         | na                                              | Pioneer               |
| P09A62X                 | 1c         | RR2X               | 0.9                            | BF           | 5200         | na                                              | Pioneer               |
| Pico R2X                | 1c         | RR2X               | 0.9                            | BL           | 5800         | na                                              | Prograin              |
| Reece R2X               | SCN 1c     | RR2X               | 0.9                            | BL           | 5400         | na                                              | SeCan                 |
| S09-B5XF                | SCN 1c, 3a | XF                 | 0.9                            | GR           | 4800         | na                                              | Syngenta Canada, Inc. |
| S09-H7E3                | SCN 1k     | E3                 | 0.9                            | BF           | 5400         | na                                              | Syngenta Canada, Inc. |
| SI 0921XTN              | SCN        | RR2X               | 0.9                            | BL           | 5900         | na                                              | Sevita International  |
| Acora                   | 1c         |                    | 1.0                            | Y            | 4700         | na                                              | Prograin              |
| Forto                   |            |                    | 1.0                            | IY           | 4300         | na                                              | SG Ceresco, Inc.      |
| Kites E3                | 1a         | E3                 | 1.0                            | BF           | 6200         | na                                              | Elite                 |
| OAC Malory <sup>⓪</sup> | SCN        |                    | 1.0                            | Y            | 5100         | 30                                              | SeCan                 |
| PS 1022 EN              | SCN 1c, 3a | E3                 | 1.0                            | BF           | 5200         | na                                              | PRIDE Seeds           |
| S10-R2 <sup>⓪</sup>     | SCN        |                    | 1.0                            | Y            | 5000         | 42                                              | Syngenta Canada, Inc. |
| S10-W8XF                | SCN 1c     | XF                 | 1.0                            | IY           | 5700         | na                                              | Syngenta Canada, Inc. |
| B119KE                  | SCN        | E3                 | 1.1                            | IBL          | 5300         | na                                              | Brevant Seeds         |
| DKB11-51                | SCN        | RR2X               | 1.1                            | BL           | 5900         | 35*                                             | DEKALB                |
| DKB11-84                | SCN 3a     | RR2X               | 1.1                            | BR           | 6000         | 30*                                             | DEKALB                |
| Eider                   |            |                    | 1.1                            | Y            | 4900         | 27                                              | SG Ceresco, Inc.      |
| Neo R2X                 | SCN 3a     | RR2X               | 1.1                            | BR           | 5400         | na                                              | Prograin              |
| Odessa                  |            |                    | 1.1                            | IY           | 4100         | 32                                              | Sevita International  |
| P11A10                  |            |                    | 1.1                            | Y            | 4900         | na                                              | Pioneer               |
| SI 1120E3N              | SCN        | E3                 | 1.1                            | IBL          | 5000         | 31*                                             | Sevita International  |
| Skyline                 | SCN 1c, 3a |                    | 1.1                            | Y            | 5100         | 32                                              | Sevita International  |
| Summit E3               |            | E3                 | 1.1                            | IBL          | 5700         | na                                              | Horizon Seeds Canada  |
| Taku                    |            |                    | 1.1                            | Y            | 5100         | na                                              | SG Ceresco, Inc.      |
| Atena <sup>⓪</sup>      | 1c, 3a     |                    | 1.2                            | Y            | 4200         | na                                              | Prograin              |
| Baltazar                |            |                    | 1.2                            | IY           | 4700         | na                                              | Semican Inc.          |
| DH530                   |            |                    | 1.2                            | IY           | 5200         | 46                                              | Sevita International  |
| Maris R2X               | SCN 3a     | RR2X               | 1.2                            | BR           | 6000         | na                                              | Elite                 |
| P12T94E                 | SCN        | E3                 | 1.2                            | IBL          | 4900         | na                                              | Pioneer               |
| S12-J7 <sup>⓪</sup>     | SCN 1c, 3a |                    | 1.2                            | Y            | 4300         | 35                                              | Syngenta Canada, Inc. |
| S12-M5X                 | SCN 1k, 3a | RR2X               | 1.2                            | BL           | 4900         | 36*                                             | Syngenta Canada, Inc. |

(continued) TABLE 1 — VARIETY PERFORMANCE LIST AND DESCRIPTIONS

| Variety                    | Notes      | Herbicide Reaction | Relative <sup>1</sup> Maturity | Hilum Colour | Seeds per Kg | Phytophthora <sup>2</sup> |            | Distributor                |
|----------------------------|------------|--------------------|--------------------------------|--------------|--------------|---------------------------|------------|----------------------------|
|                            |            |                    |                                |              |              | Root Rot %                | Plant Loss |                            |
| SI 1222E3N                 | SCN 1k     | E3                 | 1.2                            | IBL          | 4700         | na                        |            | Sevita International       |
| Harrier E3                 | SCN        | E3                 | 1.3                            | IBL          | 5400         | na                        |            | Elite                      |
| OAC Elevation <sup>®</sup> |            |                    | 1.3                            | IY           | 4300         | 51                        |            | Agrocentre Belcan          |
| P13A89X                    | SCN 1k     | RR2X               | 1.3                            | BL           | 5800         | na                        |            | Pioneer                    |
| PS 1338 XRN                | SCN 1c     | RR2X               | 1.3                            | BL           | 5700         | 38                        |            | PRIDE Seeds                |
| Rask E3                    | SCN 1c     | E3                 | 1.3                            | IBL          | 4600         | na                        |            | SeCan                      |
| S13-Y4XF                   | SCN 1c, 3a | XF                 | 1.3                            | BR           | 5200         | na                        |            | Syngenta Canada, Inc.      |
| Avalanche XF               | SCN 1c, 3a | XF                 | 1.4                            | BL           | 4900         | na                        |            | Elite                      |
| Barton                     | SCN        |                    | 1.4                            | Y            | 5100         | 28                        |            | Sevita International       |
| DKB14-65                   | SCN 1c, 3a | RR2X               | 1.4                            | BL           | 5700         | 35*                       |            | DEKALB                     |
| Inwood <sup>®</sup>        | SCN        |                    | 1.4                            | IY           | 4700         | na                        |            | SeCan                      |
| OAC Union <sup>®</sup>     | SCN        |                    | 1.4                            | Y            | 4600         | 35                        |            | SeCan                      |
| PR229004Z                  |            | RR2X               | 1.4                            | BR           | 5300         | na                        |            | Prograin                   |
| PS 1421 EN                 | SCN        | E3                 | 1.4                            | BL           | 5600         | na                        |            | PRIDE Seeds                |
| S14-C7XF                   | SCN 1c     | XF                 | 1.4                            | BR           | 5600         | na                        |            | Syngenta Canada, Inc.      |
| S14-W6E3                   | SCN 1c, 3a | E3                 | 1.4                            | BF           | 5500         | na                        |            | Syngenta Canada, Inc.      |
| Zana                       | 3a         |                    | 1.4                            | Y            | 5000         | na                        |            | Prograin                   |
| Alameda                    |            |                    | 1.5                            | IY           | 5100         | na                        |            | SG Ceresco, Inc.           |
| Alinova                    |            |                    | 1.5                            | IY           | 4900         | na                        |            | Sevita International       |
| B158DE                     | SCN 1k     | E3                 | 1.5                            | BR           | 5800         | na                        |            | Brevant Seeds              |
| Cyclone R2X                | SCN 1k, 3a | RR2X               | 1.5                            | BL           | 5300         | na                        |            | Elite                      |
| PR229005Z                  |            | RR2X               | 1.5                            | BL           | 5200         | na                        |            | Prograin                   |
| PS 1520 XRN                | SCN 1c     | RR2X               | 1.5                            | BF           | 5700         | 32*                       |            | PRIDE Seeds                |
| Rondo R2X                  | SCN 1c, 3a | RR2X               | 1.5                            | BR           | 5300         | na                        |            | Prograin                   |
| SI 1520E3N                 | SCN 1k     | E3                 | 1.5                            | IBL          | 5700         | 23*                       |            | Sevita International       |
| CP1622X                    |            | RR2X               | 1.6                            | BL           | 5400         | na                        |            | CROPLAN by WinField United |
| Laurentian                 | SCN        |                    | 1.6                            | Y            | 9600         | 31                        |            | Sevita International       |
| OAC Aberdeen               | SCN        |                    | 1.6                            | IY           | 4500         | 35                        |            | Huron Commodities Inc.     |
| P16A84X                    | SCN 1k     | RR2X               | 1.6                            | IBL          | 5700         | na                        |            | Pioneer                    |
| S14-H3 <sup>®</sup>        | SCN        |                    | 1.6                            | IY           | 4400         | na                        |            | Hensall Co-op              |
| S16-K2X                    | SCN 1k, 3a | RR2X               | 1.6                            | BL           | 5000         | 31*                       |            | Syngenta Canada, Inc.      |
| Compass E3                 |            | E3                 | 1.7                            | IBL          | 5300         | na                        |            | Horizon Seeds Canada       |
| Cougar E3                  | SCN 3a     | E3                 | 1.7                            | BF           | 5400         | na                        |            | Elite                      |
| Keith XF                   | SCN 3a     | XF                 | 1.7                            | BR           | 5300         | na                        |            | SeCan                      |
| P17A87E                    | SCN 1k     | E3                 | 1.7                            | BL           | 5000         | na                        |            | Pioneer                    |
| PS 1721 EN                 | SCN 1c, 3a | E3                 | 1.7                            | Y            | 5200         | na                        |            | PRIDE Seeds                |
| Ranger R2X                 | SCN 1c, 3a | RR2X               | 1.7                            | IBL          | 5300         | na                        |            | SeCan                      |
| Savard E3                  | SCN 1k     | E3                 | 1.7                            | IBL          | 5200         | 29*                       |            | SeCan                      |
| SI 1820XTN                 | SCN 3a     | RR2X               | 1.7                            | BR           | 5500         | na                        |            | Sevita International       |
| B182ME                     | SCN 1k     | E3                 | 1.8                            | BL           | 5600         | na                        |            | Brevant Seeds              |
| P18A73E                    | SCN 1k     | E3                 | 1.8                            | BL           | 5700         | na                        |            | Pioneer                    |
| P18A98X                    | SCN 1c     | RR2X               | 1.8                            | IBL          | 5200         | na                        |            | Pioneer                    |
| Raglan R2X                 | SCN 1c     | RR2X               | 1.8                            | BL           | 5500         | na                        |            | SeCan                      |
| S18-F1E3S                  | SCN 1k     | E3                 | 1.8                            | IBL          | 5700         | na                        |            | Syngenta Canada, Inc.      |
| B191FE                     | SCN 1c, 3a | E3                 | 1.9                            | BF           | 5600         | na                        |            | Brevant Seeds              |
| Candor                     | 3a         |                    | 1.9                            | Y            | 4000         | 40                        |            | Sevita International       |
| DKB19-80                   | SCN 1c     | RR2X               | 1.9                            | BL           | 5600         | 20*                       |            | DEKALB                     |
| HDC Blake                  |            |                    | 1.9                            | Y            | 4200         | na                        |            | Hensall Co-op              |
| B205VE                     | SCN 1k     | E3                 | 2.0                            | BR           | 6200         | na                        |            | Brevant Seeds              |
| OAC Bruton <sup>®</sup>    | SCN        |                    | 2.0                            | Y            | 4100         | 43                        |            | SeCan                      |
| P20A22X                    | SCN 1k, 3a | RR2X               | 2.0                            | BL           | 5500         | na                        |            | Pioneer                    |
| Panther XF                 | SCN 1c     | XF                 | 2.0                            | BL           | 5600         | na                        |            | Elite                      |
| PS 2020 XRN                | SCN 1c     | RR2X               | 2.0                            | IBL          | 5700         | 39                        |            | PRIDE Seeds                |
| Rowan                      | SCN 1c     |                    | 2.0                            | IY           | 5000         | —                         |            | Sevita International       |
| S20-L8X                    | SCN 1c     | RR2X               | 2.0                            | BL           | 4900         | 39                        |            | Syngenta Canada, Inc.      |
| DKB21-30XF                 | SCN 1c     | XF                 | 2.1                            | BL           | 5400         | na                        |            | DEKALB                     |
| OAC Kent                   |            |                    | 2.1                            | Y            | 4500         | 33                        |            | SeCan                      |
| P21A20                     |            |                    | 2.1                            | Y            | 4900         | na                        |            | Pioneer                    |
| P21A28X                    | SCN 1k     | RR2X               | 2.1                            | BL           | 5500         | na                        |            | Pioneer                    |
| P21A53E                    | SCN 1c     | E3                 | 2.1                            | BR           | 5400         | na                        |            | Pioneer                    |
| PS 2120 EN                 | SCN 1k     | E3                 | 2.1                            | IBL          | 5900         | 37*                       |            | PRIDE Seeds                |
| SI 2121XTN                 | SCN 1c     | RR2X               | 2.1                            | IBL          | 5100         | na                        |            | Sevita International       |

TABLE 1 — VARIETY PERFORMANCE LIST AND DESCRIPTIONS (*continued*)

| Variety       | Notes      | Herbicide Reaction | Relative <sup>1</sup> Maturity | Hilum Colour | Seeds per Kg | Phytophthora <sup>2</sup> |            | Distributor                |
|---------------|------------|--------------------|--------------------------------|--------------|--------------|---------------------------|------------|----------------------------|
|               |            |                    |                                |              |              | Root Rot %                | Plant Loss |                            |
| Masters XF    | SCN 1c     | XF                 | 2.2                            | IBL          | 5500         | na                        |            | SeCan                      |
| OAC Marvel    | SCN        |                    | 2.2                            | Y            | 4400         | 37                        |            | Huron Commodities Inc.     |
| Ocelot E3     | SCN 1c     | E3                 | 2.2                            | IBL          | 5400         | na                        |            | Elite                      |
| S22-A2E3      | SCN 1c     | E3                 | 2.2                            | IBL          | 5300         | na                        |            | Syngenta Canada, Inc.      |
| S22-J4X       | SCN 1c     | RR2X               | 2.2                            | BL           | 5100         | 33                        |            | Syngenta Canada, Inc.      |
| AAC McRaeⓈ    | SCN        |                    | 2.3                            | Y            | 4200         | na                        |            | Hensall Co-op              |
| Curve E3      |            | E3                 | 2.3                            | IBL          | 6200         | na                        |            | Horizon Seeds Canada       |
| P23A40E       | SCN 1k     | E3                 | 2.3                            | BL           | 5800         | na                        |            | Pioneer                    |
| PS 2322 XFN   | SCN 1c     | XF                 | 2.3                            | IBL          | 5300         | na                        |            | PRIDE Seeds                |
| S23-K7E3      | SCN 1c     | E3                 | 2.3                            | IBL          | 5600         | na                        |            | Syngenta Canada, Inc.      |
| SG 2311       |            |                    | 2.3                            | Y            | 4700         | 39                        |            | Huron Commodities Inc.     |
| SI 2322E3N    | SCN 1k     | E3                 | 2.3                            | BF           | 5500         | na                        |            | Sevita International       |
| Darby E3      | SCN 1k     | E3                 | 2.4                            | IBL          | 6200         | na                        |            | SeCan                      |
| DKB24-35      | SCN 1c     | RR2X               | 2.4                            | IBL          | 5600         | na                        |            | DEKALB                     |
| Express R2X   | SCN 1c, 1k | RR2X               | 2.4                            | BL           | 5700         | 31                        |            | SeCan                      |
| P24A80X       | SCN 1k     | RR2X               | 2.4                            | BL           | 5900         | na                        |            | Pioneer                    |
| AAC 26-15     | SCN        |                    | 2.5                            | Y            | 4900         | 32                        |            | Huron Commodities Inc.     |
| AAC WigleⓈ    | SCN        |                    | 2.5                            | Y            | 4500         | 47                        |            | SeCan                      |
| B251FE        | SCN 1c     | E3                 | 2.5                            | BF           | 5900         | na                        |            | Brevant Seeds              |
| B253LE        | SCN 1k     | E3                 | 2.5                            | BL           | 4900         | na                        |            | Brevant Seeds              |
| DF 155        |            |                    | 2.5                            | Y            | 4700         | na                        |            | AGRIS Co-operative Ltd.    |
| DKB25-17XF    | SCN 1c     | XF                 | 2.5                            | IBL          | 5600         | na                        |            | DEKALB                     |
| DKB25-57      | SCN 1c     | RR2X               | 2.5                            | IBL          | 5200         | 34*                       |            | DEKALB                     |
| P25A16E       | SCN 1k     | E3                 | 2.5                            | BR           | 6300         | na                        |            | Pioneer                    |
| P25A68X       | SCN 1k     | RR2X               | 2.5                            | BL           | 5400         | na                        |            | Pioneer                    |
| PS 2521 XFN   | SCN 1c     | XF                 | 2.5                            | BL           | 5300         | na                        |            | PRIDE Seeds                |
| S25-G8E3      | SCN 1c     | E3                 | 2.5                            | BF           | 6000         | na                        |            | Syngenta Canada, Inc.      |
| Hickstead     | SCN        |                    | 2.6                            | Y            | 4600         | na                        |            | Southwest Seeds            |
| OAC StirlingⓈ | SCN        |                    | 2.6                            | Y            | 4800         | 34                        |            | Huron Commodities Inc.     |
| P26A34X       | SCN 1k, 3a | RR2X               | 2.6                            | BL           | 4600         | na                        |            | Pioneer                    |
| S26-E3        | SCN 1k     | E3                 | 2.6                            | BF           | 7100         | 27*                       |            | Syngenta Canada, Inc.      |
| PS 2720 EN    | SCN 1k     | E3                 | 2.7                            | BF           | 5900         | 27*                       |            | PRIDE Seeds                |
| AAC Big Ben   | SCN        |                    | 2.8                            | Y            | 4800         | na                        |            | Southwest Seeds            |
| P28A65E       | SCN 1k     | E3                 | 2.8                            | BL           | 5700         | na                        |            | Pioneer                    |
| PS 2889XRN    | SCN 1c, 1k | RR2X               | 2.8                            | IBL          | 6800         | 28                        |            | PRIDE Seeds                |
| S28-H4E3      | SCN 1k, 3a | E3                 | 2.8                            | BF           | 6300         | na                        |            | Syngenta Canada, Inc.      |
| P29A19E       | SCN 1k, 3a | E3                 | 2.9                            | BL           | 6000         | na                        |            | Pioneer                    |
| P29A25X       | SCN 1k     | RR2X               | 2.9                            | BR           | 5900         | na                        |            | Pioneer                    |
| S29-R5X       | SCN 1k     | RR2X               | 2.9                            | BR           | 6200         | 33                        |            | Syngenta Canada, Inc.      |
| B301ME        | 1k         | E3                 | 3.0                            | IBL          | 6300         | na                        |            | Brevant Seeds              |
| P31A95BX      | 1k         | RR2X               | 3.1                            | BL           | 5900         | na                        |            | Pioneer                    |
| CP3220RX      | SCN 1c     | RR2X               | 3.2                            | IBL          | 6800         | na                        |            | CROPLAN by WinField United |
| P32T26E       | 1c         | E3                 | 3.2                            | BF           | 6100         | na                        |            | Pioneer                    |
| DKB33-54      | SCN 1k, 3a | RR2X               | 3.3                            | IBL          | 5700         | 29                        |            | DEKALB                     |

1 Relative Maturity - ranking of maturity provided by seed sponsors.

2 Phytophthora % Plant Loss - 2 year averages shown where available.

Ⓢ = PBR 78; Ⓢ = PBR 91 or PBR 91 pending indicate varieties protected by Plant Breeders Rights. Visit [seeds-canada.ca](http://seeds-canada.ca) to learn more.

#### NOTES:

1a, 1c, etc. - Phytoph. resist. genes

HP - High Protein

SCN - SCN Resistant

L-LA - Low-Linolenic Acid

#### Herbicide Reaction

RR2Y - Roundup Ready 2 Yield

RR2X - Roundup Ready 2 Xtend

XF - XtendFlex

E3 - Enlist E3

LL - Liberty Link

MS - Metribuzin Sensitive

**TABLE 2A.1 — MATURITY GROUP 00 (2100-2300 HU) AREAS, RR TEST**

| Variety                                | Days to Mature |        | NEW LISKEARD<br>Yield Index |        | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|----------------------------------------|----------------|--------|-----------------------------|--------|-------------------------|---------------------------------|
|                                        | 1 year         | 2 year | 1 year                      | 2 year |                         |                                 |
| Fresco R2X                             | 103            | 109    | 92                          | 92     | 51                      | 1.1                             |
| S0009-M2                               | 104            | 109    | 84                          | 86     | 51                      | 1.1                             |
| S001-D8X                               | 106            | 111    | 88                          | 91     | 57                      | 1.1                             |
| DKB0009-89                             | 111            | 113    | 94                          | 94     | 58                      | 1.1                             |
| P006A37X                               | 111            | 115    | 108                         | 107    | 58                      | 1.1                             |
| P005A83X                               | 112            | 115    | 103                         | 100    | 60                      | 1.1                             |
| S007-Y4                                | 112            | 115    | 109                         | 110    | 61                      | 1.1                             |
| S008-N2                                | 112            | 115    | 107                         | 105    | 62                      | 1.4                             |
| DKB002-32                              | 113            | 115    | 106                         | 102    | 61                      | 1.1                             |
| Kudo R2X                               | 114            | 116    | 105                         | 103    | 68                      | 1.4                             |
| S007-Z1X                               | 114            | 116    | 98                          | 100    | 62                      | 1.1                             |
| Bourke R2X                             | 115            | 117    | 105                         | 103    | 64                      | 1.3                             |
| Elmo E3                                | 125            | 122    | 108                         | 108    | 66                      | 1.1                             |
| <b>Varieties with one year of data</b> |                |        |                             |        |                         |                                 |
| Evo E3                                 | 103            | —      | 84                          | —      | —                       | —                               |
| S0009-F2X                              | 103            | —      | 88                          | —      | —                       | —                               |
| S0007-S1X                              | 107            | —      | 87                          | —      | —                       | —                               |
| Gecko R2X                              | 109            | —      | 95                          | —      | —                       | —                               |
| PS 0011 XRN                            | 110            | —      | 91                          | —      | —                       | —                               |
| S003-R5X                               | 110            | —      | 100                         | —      | —                       | —                               |
| S007-A2XS                              | 112            | —      | 110                         | —      | —                       | —                               |
| Hart R2X                               | 113            | —      | 110                         | —      | —                       | —                               |
| Merino R2X                             | 114            | —      | 103                         | —      | —                       | —                               |
| S006-K3X                               | 114            | —      | 101                         | —      | —                       | —                               |
| DKB006-80                              | 115            | —      | 115                         | —      | —                       | —                               |
| Triquet R2X                            | 120            | —      | 112                         | —      | —                       | —                               |
| <b>LSD (0.10)</b>                      |                |        | 9                           | 6      |                         |                                 |
| <b>Average yield (T/ha)</b>            |                |        | 4.15                        | 3.66   |                         |                                 |
| <b>(bu/ac)</b>                         |                |        | 61.5                        | 54.4   |                         |                                 |

**Testing Locations: Table 2a.1**

|              |      |   |      |
|--------------|------|---|------|
| New Liskeard | 2020 | — | 2022 |
|--------------|------|---|------|

**TABLE 2A.2 — MATURITY GROUP 00 (2100-2300 HU) AREAS, CONVENTIONAL TEST**

| Variety                         | Days to Mature |        | NEW LISKEARD          | Plant          | Lodging              |
|---------------------------------|----------------|--------|-----------------------|----------------|----------------------|
|                                 | 1 year         | 2 year | Yield Index<br>1 year | Height<br>(cm) | 1=standing<br>5=flat |
| Varieties with one year of data |                |        |                       |                |                      |
| Siberia                         | 107            | —      | 103                   | —              | —                    |
| ABACA <sup>®</sup>              | 111            | —      | 102                   | —              | —                    |
| Liska <sup>®</sup>              | 111            | —      | 98                    | —              | —                    |
| JAGO                            | 113            | —      | 111                   | —              | —                    |
| BAFFIN                          | 113            | —      | 93                    | —              | —                    |
| Maya <sup>®</sup>               | 113            | —      | 105                   | —              | —                    |
| Hana                            | 115            | —      | 111                   | —              | —                    |
| Koa <sup>®</sup>                | 115            | —      | 103                   | —              | —                    |
| AAC Hensatto                    | 125            | —      | 74                    | —              | —                    |
| LSD (0.10)                      |                |        | 9                     |                |                      |
| Average yield (T/ha)            |                |        | 3.94                  |                |                      |
| (bu/ac)                         |                |        | 58.5                  |                |                      |

**Testing Locations: Table 2a.2**

|              |      |   |      |
|--------------|------|---|------|
| New Liskeard | 2020 | — | 2022 |
|--------------|------|---|------|

**TABLE 2.1 — MATURITY GROUP 00 (2300-2500 HU) AREAS, RR TEST**

| Variety                                | Days to Mature |        | AVERAGE<br>Yield Index |        |        | BELWOOD<br>Yield Index |        | DUNDALK<br>Yield Index |        | ELORA<br>Yield Index |        | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|----------------------------------------|----------------|--------|------------------------|--------|--------|------------------------|--------|------------------------|--------|----------------------|--------|-------------------------|---------------------------------|
|                                        | 1 year         | 2 year | 1 year                 | 2 year | 3 year | 2 year                 | 3 year | 2 year                 | 3 year | 2 year               | 3 year |                         |                                 |
| Merino R2X                             | 109            | 109    | 88                     | 86     | —      | 81                     | —      | 89                     | —      | 88                   | —      | 70                      | 1.5                             |
| Mahony R2                              | 110            | 109    | 81                     | 82     | —      | 77                     | —      | 84                     | —      | 84                   | —      | 64                      | 1.2                             |
| S007-Z1X                               | 111            | 110    | 95                     | 90     | 90     | 75                     | 80     | 100                    | 96     | 96                   | 95     | 70                      | 1.5                             |
| S006-K3X                               | 112            | 111    | 101                    | 90     | —      | 86                     | —      | 87                     | —      | 98                   | —      | 70                      | 1.3                             |
| S008-N2                                | 112            | 112    | 103                    | 97     | 95     | 94                     | 87     | 102                    | 102    | 96                   | 96     | 73                      | 2.0                             |
| S01-C4X                                | 112            | 112    | 109                    | 97     | 99     | 93                     | 97     | 99                     | 96     | 100                  | 104    | 74                      | 1.3                             |
| S02-M4XF                               | 113            | 112    | 105                    | 104    | —      | 100                    | —      | 106                    | —      | 106                  | —      | 70                      | 1.0                             |
| DKB006-80                              | 111            | 112    | 96                     | 95     | —      | 92                     | —      | 99                     | —      | 94                   | —      | 72                      | 1.8                             |
| Kudo R2X                               | 111            | 112    | 103                    | 96     | 92     | 102                    | 95     | 89                     | 87     | 96                   | 93     | 72                      | 1.9                             |
| PS 0098 XR                             | 113            | 113    | 94                     | 93     | 94     | 94                     | 92     | 97                     | 99     | 88                   | 92     | 67                      | 1.5                             |
| SI 007XTN                              | 114            | 113    | 85                     | 87     | —      | 88                     | —      | 82                     | —      | 90                   | —      | 62                      | 1.1                             |
| Rico R2X                               | 114            | 113    | 106                    | 98     | 96     | 98                     | 98     | 92                     | 89     | 104                  | 101    | 67                      | 1.2                             |
| Verso R2X                              | 115            | 113    | 105                    | 101    | —      | 94                     | —      | 105                    | —      | 105                  | —      | 80                      | 1.9                             |
| Bronco R2X                             | 113            | 114    | 94                     | 104    | 100    | 103                    | 99     | 107                    | 102    | 103                  | 100    | 72                      | 1.1                             |
| DKB008-48                              | 113            | 114    | 89                     | 99     | 99     | 104                    | 102    | 99                     | 100    | 95                   | 95     | 69                      | 1.1                             |
| LS 008R21                              | 114            | 114    | 108                    | 102    | 100    | 107                    | 101    | 100                    | 99     | 99                   | 99     | 73                      | 1.4                             |
| Elmo E3                                | 117            | 115    | 100                    | 101    | 96     | 105                    | 94     | 99                     | 100    | 97                   | 93     | 72                      | 1.1                             |
| Donaldo R2X                            | 115            | 115    | 93                     | 99     | 100    | 97                     | 96     | 97                     | 101    | 103                  | 102    | 71                      | 1.2                             |
| PRO 2525R2                             | 117            | 116    | 104                    | 108    | 103    | 106                    | 100    | 110                    | 107    | 108                  | 102    | 81                      | 1.6                             |
| Triquet R2X                            | 113            | 117    | 97                     | 103    | —      | 101                    | —      | 99                     | —      | 109                  | —      | 76                      | 1.8                             |
| PRO 03X74                              | 114            | 117    | 105                    | 110    | 104    | 115                    | 109    | 106                    | 98     | 108                  | 107    | 72                      | 1.2                             |
| DKB03-25                               | 120            | 118    | 121                    | 120    | 114    | 126                    | 118    | 109                    | 105    | 123                  | 119    | 77                      | 1.8                             |
| Salto R2                               | 120            | 119    | 116                    | 112    | 108    | 120                    | 113    | 116                    | 109    | 100                  | 100    | 69                      | 1.2                             |
| S04-J6X                                | 121            | 119    | 122                    | 119    | 111    | 130                    | 119    | 118                    | 111    | 108                  | 104    | 77                      | 1.3                             |
| Emilio E3                              | 120            | 120    | 108                    | 109    | —      | 117                    | —      | 108                    | —      | 102                  | —      | 72                      | 1.4                             |
| <b>Varieties with one year of data</b> |                |        |                        |        |        |                        |        |                        |        |                      |        |                         |                                 |
| B0061E                                 | 109            | —      | 73                     | —      | —      | —                      | —      | —                      | —      | —                    | —      | —                       | —                               |
| Hart R2X                               | 110            | —      | 80                     | —      | —      | —                      | —      | —                      | —      | —                    | —      | —                       | —                               |
| EXP00722XR                             | 113            | —      | 96                     | —      | —      | —                      | —      | —                      | —      | —                    | —      | —                       | —                               |
| Amino R2X                              | 120            | —      | 103                    | —      | —      | —                      | —      | —                      | —      | —                    | —      | —                       | —                               |
| S03-V5E3                               | 121            | —      | 120                    | —      | —      | —                      | —      | —                      | —      | —                    | —      | —                       | —                               |
| <b>LSD (0.10)</b>                      |                |        | 9                      | 7      | 5      | 8                      | 7      | 12                     | 9      | 15                   | 11     |                         |                                 |
| <b>Average yield (T/ha)</b>            |                |        | 2.89                   | 3.07   | 3.21   | 3.07                   | 3.31   | 3.04                   | 3.40   | 3.10                 | 2.91   |                         |                                 |
| <b>(bu/ac)</b>                         |                |        | 42.8                   | 45.6   | 47.6   | 45.6                   | 49.1   | 45.2                   | 50.4   | 45.9                 | 43.2   |                         |                                 |

**Testing Locations: Table 2.1**

|         |      |      |      |
|---------|------|------|------|
| Belwood | 2020 | 2021 | 2022 |
| Dundalk | 2020 | 2021 | 2022 |
| Elora   | 2020 | 2021 | 2022 |

**TABLE 2.2 — MATURITY GROUP 00 (2300-2500 HU) AREAS, CONVENTIONAL TEST**

| Variety                         | Days to Mature |        | AVERAGE<br>Yield Index |        |        | BELWOOD<br>Yield Index | DUNDALK<br>Yield Index | ELORA<br>Yield Index | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|---------------------------------|----------------|--------|------------------------|--------|--------|------------------------|------------------------|----------------------|-------------------------|---------------------------------|
|                                 | 1 year         | 2 year | 1 year                 | 2 year | 3 year | 1 year                 | 1 year                 | 1 year               |                         |                                 |
| Varieties with one year of data |                |        |                        |        |        |                        |                        |                      |                         |                                 |
| ABACAØ                          | 113            | —      | 94                     | —      | —      | 94                     | 92                     | 98                   | —                       | —                               |
| BAFFIN                          | 114            | —      | 101                    | —      | —      | 106                    | 97                     | 100                  | —                       | —                               |
| JAGO                            | 116            | —      | 105                    | —      | —      | 108                    | 101                    | 105                  | —                       | —                               |
| AAC Hensatto                    | 118            | —      | 72                     | —      | —      | 71                     | 57                     | 89                   | —                       | —                               |
| Atiron                          | 119            | —      | 104                    | —      | —      | 101                    | 116                    | 94                   | —                       | —                               |
| Panorama                        | 121            | —      | 112                    | —      | —      | 108                    | 117                    | 111                  | —                       | —                               |
| Utica                           | 123            | —      | 112                    | —      | —      | 112                    | 120                    | 104                  | —                       | —                               |
| LSD (0.10)                      |                |        | 9                      |        |        | 19                     |                        | 11                   |                         |                                 |
| Average yield (T/ha)            |                |        | 2.74                   |        |        | 2.85                   |                        | 2.68                 |                         |                                 |
| (bu/ac)                         |                |        | 40.7                   |        |        | 42.2                   |                        | 39.8                 |                         |                                 |

**Testing Locations: Table 2.2**

|         |   |   |      |
|---------|---|---|------|
| Belwood | — | — | 2022 |
| Dundalk | — | — | 2022 |
| Elora   | — | — | 2022 |

**TABLE 3.1 — MATURITY GROUP 0 (2500-2800 HU) AREAS , RR TEST**

| Variety                                | Days to Mature |        | AVERAGE<br>Yield Index |             |             | ELORA<br>Yield Index |             | OTTAWA<br>Yield Index | PORT HOPE<br>Yield Index | WALTON<br>Yield Index |             | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|----------------------------------------|----------------|--------|------------------------|-------------|-------------|----------------------|-------------|-----------------------|--------------------------|-----------------------|-------------|-------------------------|---------------------------------|
|                                        | 1 year         | 2 year | 1 year                 | 2 year      | 3 year      | 2 year               | 3 year      | 2 year                | 2 year                   | 2 year                | 3 year      |                         |                                 |
| S02-M4XF                               | 111            | 109    | 92                     | 93          | —           | 95                   | —           | 97                    | —                        | 87                    | —           | 78                      | 2.1                             |
| Grizzly R2X                            | 114            | 111    | 95                     | 92          | —           | 88                   | —           | 95                    | —                        | 94                    | —           | 65                      | 1.3                             |
| Cobra R2X                              | 113            | 111    | 96                     | 98          | —           | 99                   | —           | 99                    | —                        | 93                    | —           | 77                      | 2.1                             |
| Salto R2                               | 115            | 111    | 86                     | 92          | <b>91</b>   | 88                   | <b>89</b>   | 91                    | 93                       | 92                    | <b>91</b>   | 71                      | 1.4                             |
| Stingray R2X                           | 114            | 111    | 93                     | 93          | —           | 98                   | —           | 93                    | —                        | 90                    | —           | 75                      | 1.7                             |
| DKB03-25                               | 115            | 111    | 98                     | 98          | —           | 101                  | —           | 100                   | —                        | 92                    | —           | 83                      | 2.1                             |
| PRO 03X74                              | 112            | 112    | 96                     | 97          | <b>91</b>   | 95                   | <b>92</b>   | 98                    | 89                       | 98                    | <b>89</b>   | 81                      | 1.7                             |
| S04-J6X                                | 116            | 112    | 100                    | 99          | <b>98</b>   | 91                   | <b>95</b>   | 98                    | 97                       | 105                   | <b>102</b>  | 81                      | 1.7                             |
| PS 0420 XRN                            | 117            | 113    | 94                     | 98          | <b>96</b>   | 95                   | <b>93</b>   | 99                    | 93                       | 99                    | <b>99</b>   | 74                      | 1.2                             |
| PS 0521 XRN                            | 117            | 113    | 104                    | 102         | —           | 106                  | —           | 103                   | —                        | 97                    | —           | 79                      | 1.5                             |
| S07-K5X                                | 117            | 113    | 97                     | 97          | <b>96</b>   | 97                   | <b>101</b>  | 94                    | 96                       | 99                    | <b>95</b>   | 81                      | 1.4                             |
| Amino R2X                              | 118            | 114    | 96                     | 99          | —           | 91                   | —           | 101                   | —                        | 102                   | —           | 70                      | 1.1                             |
| P05A35X                                | 120            | 114    | 100                    | 101         | <b>97</b>   | 103                  | <b>100</b>  | 106                   | 88                       | 98                    | <b>97</b>   | 70                      | 1.3                             |
| SI 0620XTN                             | 117            | 114    | 97                     | 102         | <b>101</b>  | 106                  | <b>106</b>  | 102                   | 102                      | 99                    | <b>97</b>   | 81                      | 1.9                             |
| Ramage XF                              | 118            | 114    | 96                     | 97          | —           | 103                  | —           | 90                    | —                        | 97                    | —           | 81                      | 2.0                             |
| Miko R2                                | 119            | 115    | 106                    | 106         | <b>105</b>  | 105                  | <b>108</b>  | 104                   | 111                      | 103                   | <b>99</b>   | 85                      | 2.3                             |
| Expand R2X                             | 120            | 115    | 97                     | 95          | <b>95</b>   | 90                   | <b>94</b>   | 94                    | 95                       | 101                   | <b>98</b>   | 78                      | 1.5                             |
| Harvey E3                              | 119            | 115    | 96                     | 95          | —           | 96                   | —           | 95                    | —                        | 98                    | —           | 76                      | 1.4                             |
| Nano R2X                               | 120            | 115    | 103                    | 102         | <b>101</b>  | 106                  | <b>104</b>  | 101                   | 105                      | 99                    | <b>97</b>   | 82                      | 2.2                             |
| DKB06-76                               | 120            | 115    | 99                     | 97          | —           | 102                  | —           | 98                    | —                        | 94                    | —           | 80                      | 1.6                             |
| Seabrook R2X                           | 120            | 115    | 104                    | 104         | —           | 110                  | —           | 104                   | —                        | 100                   | —           | 96                      | 1.9                             |
| Vertigo R2                             | 122            | 116    | 100                    | 101         | <b>99</b>   | 95                   | <b>95</b>   | 101                   | 101                      | 104                   | <b>101</b>  | 80                      | 1.5                             |
| PS 0779 XRN                            | 120            | 116    | 105                    | 100         | <b>101</b>  | 98                   | <b>100</b>  | 102                   | 104                      | 99                    | <b>100</b>  | 81                      | 1.7                             |
| P06A48X                                | 121            | 116    | 106                    | 103         | —           | 101                  | —           | 106                   | —                        | 103                   | —           | 75                      | 1.3                             |
| Altitude R2                            | 121            | 116    | 94                     | 98          | <b>99</b>   | 99                   | <b>101</b>  | 100                   | 105                      | 91                    | <b>94</b>   | 71                      | 1.5                             |
| SI 0921XTN                             | 121            | 117    | 100                    | 101         | —           | 105                  | —           | 95                    | —                        | 102                   | —           | 79                      | 1.5                             |
| P09A53X                                | 123            | 117    | 103                    | 104         | <b>104</b>  | 106                  | <b>103</b>  | 104                   | 103                      | 105                   | <b>106</b>  | 82                      | 1.4                             |
| S10-W8XF                               | 122            | 117    | 105                    | 102         | —           | 105                  | —           | 101                   | —                        | 101                   | —           | 81                      | 1.7                             |
| Samson E3                              | 122            | 117    | 101                    | 98          | —           | 104                  | —           | 99                    | —                        | 99                    | —           | 79                      | 1.3                             |
| S12-M5X                                | 123            | 117    | 106                    | 108         | <b>108</b>  | 107                  | <b>109</b>  | 111                   | 111                      | 103                   | <b>105</b>  | 70                      | 1.4                             |
| SI 0720E3N                             | 122            | 117    | 93                     | 95          | <b>96</b>   | 92                   | <b>93</b>   | 97                    | 102                      | 92                    | <b>96</b>   | 76                      | 1.5                             |
| Park E3                                | 123            | 117    | 95                     | 100         | —           | 104                  | —           | 96                    | —                        | 97                    | —           | 84                      | 1.5                             |
| Viper R2X                              | 122            | 117    | 107                    | 108         | —           | 110                  | —           | 104                   | —                        | 111                   | —           | 74                      | 1.7                             |
| Kites E3                               | 123            | 117    | 107                    | 102         | —           | 100                  | —           | 103                   | —                        | 103                   | —           | 80                      | 1.5                             |
| P09A62X                                | 124            | 118    | 109                    | 107         | <b>104</b>  | 107                  | <b>106</b>  | 107                   | 106                      | 106                   | <b>100</b>  | 75                      | 1.9                             |
| Beliveau R2X                           | 124            | 118    | 111                    | 106         | <b>103</b>  | 107                  | <b>108</b>  | 107                   | 94                       | 108                   | <b>105</b>  | 78                      | 1.3                             |
| Elico E3                               | 121            | 118    | 100                    | 95          | —           | 94                   | —           | 93                    | —                        | 101                   | —           | 77                      | 1.2                             |
| B091FE                                 | 124            | 118    | 101                    | 98          | <b>96</b>   | 91                   | <b>92</b>   | 102                   | 92                       | 101                   | <b>99</b>   | 75                      | 1.5                             |
| Axis E3                                | 123            | 118    | 96                     | 96          | —           | 98                   | —           | 95                    | —                        | 96                    | —           | 79                      | 1.7                             |
| DKB11-84                               | 123            | 118    | 111                    | 107         | <b>108</b>  | 106                  | <b>107</b>  | 109                   | 104                      | 109                   | <b>110</b>  | 80                      | 1.5                             |
| Orr R2X                                | 124            | 118    | 109                    | 105         | —           | 107                  | —           | 104                   | —                        | 106                   | —           | 82                      | 1.4                             |
| Landmark E3                            | 122            | 118    | 103                    | 99          | —           | 94                   | —           | 100                   | —                        | 103                   | —           | 83                      | 1.0                             |
| Enyo E3                                | 123            | 119    | 103                    | 103         | <b>101</b>  | 96                   | <b>96</b>   | 96                    | 102                      | 111                   | <b>107</b>  | 79                      | 1.8                             |
| SI 1120E3N                             | 126            | 120    | 105                    | 107         | <b>108</b>  | 105                  | <b>108</b>  | 104                   | 107                      | 111                   | <b>112</b>  | 71                      | 1.2                             |
| <b>Varieties with one year of data</b> |                |        |                        |             |             |                      |             |                       |                          |                       |             |                         |                                 |
| S03-V5E3                               | 114            | —      | 95                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| B036CE                                 | 115            | —      | 94                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| PS 0322 EN                             | 116            | —      | 95                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Savage R2X                             | 118            | —      | 97                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| P04A98E                                | 119            | —      | 95                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| EW2021083                              | 120            | —      | 96                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Lion R2X0                              | 120            | —      | 104                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| P06A38E                                | 120            | —      | 99                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| S06-A3XF                               | 120            | —      | 96                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Graves E3                              | 121            | —      | 90                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Perry E3                               | 121            | —      | 95                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| S09-B5XF                               | 122            | —      | 105                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| EXP0922XRN                             | 122            | —      | 109                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| B074HE                                 | 123            | —      | 100                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| S09-H7E3                               | 123            | —      | 107                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Dyno R2X                               | 124            | —      | 110                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Reece R2X                              | 124            | —      | 106                    | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Caliper E3                             | 125            | —      | 95                     | —           | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| <b>LSD (0.10)</b>                      |                |        | <b>5</b>               | <b>5</b>    | <b>4</b>    | <b>9</b>             | <b>7</b>    | <b>6</b>              | <b>7</b>                 | <b>12</b>             | <b>8</b>    |                         |                                 |
| <b>Average yield (T/ha)</b>            |                |        | <b>3.99</b>            | <b>4.07</b> | <b>4.12</b> | <b>3.53</b>          | <b>3.33</b> | <b>4.02</b>           | <b>4.22</b>              | <b>4.88</b>           | <b>4.86</b> |                         |                                 |
| <b>(bu/ac)</b>                         |                |        | <b>59.2</b>            | <b>60.4</b> | <b>61.0</b> | <b>52.4</b>          | <b>49.3</b> | <b>59.7</b>           | <b>62.6</b>              | <b>72.4</b>           | <b>72.1</b> |                         |                                 |

**Testing Locations: Table 3.1**

|           |      |      |      |
|-----------|------|------|------|
| Elora     | 2020 | 2021 | 2022 |
| Ottawa    | —    | 2021 | 2022 |
| Port Hope | 2020 | 2021 | —    |
| Walton    | 2020 | 2021 | 2022 |

**TABLE 3.2 — MATURITY GROUP 0 (2500-2800 HU) AREAS , CONVENTIONAL TEST**

| Variety                                | Days to Mature |        | AVERAGE<br>Yield Index |        |             | ELORA<br>Yield Index |             | OTTAWA<br>Yield Index | PORT HOPE<br>Yield Index | WALTON<br>Yield Index |             | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|----------------------------------------|----------------|--------|------------------------|--------|-------------|----------------------|-------------|-----------------------|--------------------------|-----------------------|-------------|-------------------------|---------------------------------|
|                                        | 1 year         | 2 year | 1 year                 | 2 year | 3 year      | 2 year               | 3 year      | 2 year                | 2 year                   | 2 year                | 3 year      |                         |                                 |
| BAFFIN                                 | 109            | 107    | 79                     | 81     | <b>82</b>   | 79                   | <b>79</b>   | 83                    | 83                       | 78                    | <b>82</b>   | 72                      | 1.5                             |
| Aurelina <sup>⓪</sup>                  | 111            | 108    | 96                     | 95     | <b>96</b>   | 96                   | <b>100</b>  | 93                    | 104                      | 91                    | <b>89</b>   | 86                      | 1.7                             |
| Mozart                                 | 112            | 108    | 90                     | 93     | 91          | 93                   | 94          | 89                    | 83                       | 97                    | 96          | 82                      | 1.5                             |
| Asahi                                  | 111            | 108    | 89                     | 94     | <b>94</b>   | 93                   | <b>98</b>   | 93                    | 95                       | 93                    | <b>93</b>   | 81                      | 1.3                             |
| JAGO                                   | 112            | 109    | 96                     | 92     | <b>93</b>   | 96                   | <b>96</b>   | 95                    | 89                       | 90                    | <b>93</b>   | 77                      | 1.4                             |
| Kazart                                 | 112            | 110    | 91                     | 88     | <b>88</b>   | 84                   | <b>89</b>   | 91                    | 92                       | 84                    | <b>83</b>   | 93                      | 2.3                             |
| OAC Carson <sup>⓪</sup>                | 113            | 110    | 92                     | 92     | <b>93</b>   | 93                   | <b>94</b>   | 92                    | 100                      | 91                    | <b>89</b>   | 78                      | 1.5                             |
| Atiron                                 | 114            | 110    | 88                     | 90     | <b>89</b>   | 89                   | <b>89</b>   | 91                    | 94                       | 86                    | <b>85</b>   | 85                      | 1.6                             |
| AAC Shinju <sup>⓪</sup>                | 115            | 110    | 88                     | 84     | <b>83</b>   | 81                   | <b>81</b>   | 87                    | 77                       | 87                    | <b>86</b>   | 89                      | 2.1                             |
| Apollina <sup>⓪</sup>                  | 114            | 111    | 96                     | 101    | —           | 98                   | —           | 103                   | —                        | 101                   | —           | 83                      | 1.5                             |
| S03-P4 <sup>⓪</sup>                    | 113            | 111    | 99                     | 93     | <b>92</b>   | 89                   | <b>92</b>   | 96                    | 98                       | 92                    | <b>87</b>   | 91                      | 1.8                             |
| Panorama                               | 114            | 111    | 96                     | 96     | <b>98</b>   | 99                   | <b>100</b>  | 96                    | 97                       | 91                    | <b>97</b>   | 69                      | 1.2                             |
| AAC Larkin                             | 114            | 112    | 88                     | 83     | <b>80</b>   | 84                   | <b>82</b>   | 86                    | 74                       | 81                    | <b>80</b>   | 88                      | 2.4                             |
| Haltifo                                | 112            | 112    | 89                     | 97     | <b>96</b>   | 95                   | <b>92</b>   | 103                   | 97                       | 92                    | <b>94</b>   | 81                      | 1.4                             |
| S04-K9 <sup>⓪</sup>                    | 114            | 112    | 105                    | 104    | <b>103</b>  | 101                  | <b>102</b>  | 103                   | 103                      | 104                   | <b>102</b>  | 80                      | 1.4                             |
| Abiola <sup>⓪</sup>                    | 116            | 112    | 95                     | 95     | —           | 100                  | —           | 91                    | —                        | 96                    | —           | 80                      | 1.3                             |
| OAC Strive <sup>⓪</sup>                | 116            | 112    | 104                    | 102    | <b>101</b>  | 102                  | <b>102</b>  | 102                   | 102                      | 105                   | <b>100</b>  | 86                      | 1.3                             |
| OAC Lakeview                           | 116            | 113    | 102                    | 104    | <b>101</b>  | 103                  | <b>103</b>  | 101                   | 107                      | 102                   | <b>95</b>   | 82                      | 1.7                             |
| S10-R2 <sup>⓪</sup>                    | 117            | 113    | 104                    | 101    | <b>102</b>  | 96                   | <b>97</b>   | 106                   | 109                      | 99                    | <b>98</b>   | 89                      | 1.9                             |
| OAC Champion <sup>⓪</sup>              | 116            | 113    | 94                     | 97     | <b>97</b>   | 93                   | <b>95</b>   | 98                    | 103                      | 97                    | <b>95</b>   | 89                      | 1.7                             |
| OAC Kamran <sup>⓪</sup>                | 117            | 113    | 97                     | 101    | <b>103</b>  | 98                   | <b>95</b>   | 97                    | 103                      | 106                   | <b>112</b>  | 72                      | 1.1                             |
| Kyoto                                  | 117            | 113    | 98                     | 102    | —           | 101                  | —           | 105                   | —                        | 99                    | —           | 82                      | 1.3                             |
| Utica                                  | 118            | 113    | 98                     | 98     | 99          | 97                   | 99          | 98                    | 95                       | 101                   | 104         | 83                      | 1.4                             |
| Hola <sup>⓪</sup>                      | 120            | 114    | 94                     | 103    | —           | 107                  | —           | 103                   | —                        | 98                    | —           | 83                      | 1.2                             |
| Atacama <sup>⓪</sup>                   | 116            | 114    | 106                    | 99     | —           | 109                  | —           | 103                   | —                        | 90                    | —           | 78                      | 1.2                             |
| S07-M8 <sup>⓪</sup>                    | 119            | 115    | 107                    | 104    | <b>105</b>  | 99                   | <b>102</b>  | 105                   | 105                      | 110                   | <b>106</b>  | 83                      | 1.5                             |
| OAC Acclaim                            | 118            | 115    | 106                    | 104    | 104         | 107                  | 106         | 105                   | 95                       | 106                   | 108         | 74                      | 1.3                             |
| Aya <sup>⓪</sup>                       | 119            | 115    | 102                    | 100    | —           | 100                  | —           | 100                   | —                        | 101                   | —           | 83                      | 1.4                             |
| Angelica <sup>⓪</sup>                  | 118            | 115    | 113                    | 109    | <b>105</b>  | 113                  | <b>112</b>  | 108                   | 103                      | 103                   | <b>101</b>  | <b>93</b>               | <b>1.6</b>                      |
| Asana <sup>⓪</sup>                     | 120            | 115    | 106                    | 103    | 105         | 103                  | 104         | 101                   | 105                      | 107                   | 107         | 87                      | 1.5                             |
| Marula                                 | 119            | 116    | 102                    | 102    | 103         | 100                  | 102         | 100                   | 102                      | 107                   | 106         | 94                      | 1.3                             |
| Dunham                                 | 120            | 116    | 94                     | 98     | <b>97</b>   | 102                  | <b>100</b>  | 92                    | 95                       | 102                   | <b>100</b>  | 86                      | 1.4                             |
| OAC Wallace                            | 120            | 116    | 110                    | 109    | <b>108</b>  | 108                  | <b>107</b>  | 108                   | 107                      | 111                   | <b>109</b>  | 86                      | 1.5                             |
| Cypress                                | 120            | 116    | 107                    | 106    | <b>106</b>  | 103                  | <b>104</b>  | 105                   | 103                      | 109                   | <b>109</b>  | 81                      | 1.2                             |
| Lindber                                | 123            | 116    | 91                     | 84     | —           | 81                   | —           | 91                    | —                        | 87                    | —           | 85                      | 1.6                             |
| Navan                                  | 121            | 116    | 106                    | 108    | <b>108</b>  | 108                  | <b>108</b>  | 103                   | 112                      | 109                   | <b>110</b>  | 87                      | 1.3                             |
| OAC Hastings <sup>⓪</sup>              | 122            | 116    | 106                    | 105    | <b>105</b>  | 105                  | <b>100</b>  | 107                   | 97                       | 107                   | <b>112</b>  | 88                      | 1.2                             |
| Ajico <sup>⓪</sup>                     | 120            | 116    | 107                    | 107    | <b>107</b>  | 113                  | <b>111</b>  | 101                   | 100                      | 113                   | <b>111</b>  | 82                      | 1.3                             |
| Kristian <sup>⓪</sup>                  | 121            | 116    | 106                    | 106    | <b>108</b>  | 109                  | <b>107</b>  | 103                   | 112                      | 109                   | <b>108</b>  | 89                      | 1.3                             |
| AAC Kovik                              | 120            | 117    | 96                     | 97     | <b>96</b>   | 105                  | <b>102</b>  | 100                   | 95                       | 84                    | <b>89</b>   | 81                      | 1.3                             |
| Finch                                  | 121            | 117    | 109                    | 110    | <b>107</b>  | 114                  | <b>110</b>  | 106                   | 104                      | 109                   | <b>107</b>  | 90                      | 1.2                             |
| Ezra                                   | 120            | 117    | 102                    | 108    | <b>111</b>  | 111                  | <b>110</b>  | 105                   | 114                      | 109                   | <b>114</b>  | 90                      | 1.5                             |
| OAC Evolution <sup>⓪</sup>             | 121            | 117    | 108                    | 110    | <b>110</b>  | 109                  | <b>110</b>  | 109                   | 112                      | 111                   | <b>108</b>  | 89                      | 1.5                             |
| Matilda                                | 122            | 118    | 115                    | 111    | <b>111</b>  | 110                  | <b>109</b>  | 112                   | 111                      | 112                   | <b>112</b>  | 87                      | 1.4                             |
| Neptune                                | 122            | 118    | 112                    | 107    | <b>109</b>  | 105                  | <b>104</b>  | 109                   | 104                      | 110                   | <b>117</b>  | 84                      | 1.4                             |
| Genesis                                | 123            | 118    | 111                    | 105    | <b>107</b>  | 107                  | <b>110</b>  | 105                   | 112                      | 104                   | <b>102</b>  | 90                      | 1.9                             |
| Acora                                  | 124            | 118    | 111                    | 108    | —           | 105                  | —           | 105                   | —                        | 115                   | —           | 99                      | 1.5                             |
| Alameda                                | 123            | 119    | 102                    | 99     | —           | 106                  | —           | 99                    | —                        | 97                    | —           | 97                      | 1.4                             |
| OAC Elevation <sup>⓪</sup>             | 126            | 120    | 102                    | 104    | <b>103</b>  | 100                  | <b>98</b>   | 105                   | 104                      | 106                   | <b>106</b>  | 95                      | 1.6                             |
| Kagawa                                 | 124            | 120    | 105                    | 103    | <b>103</b>  | 101                  | <b>105</b>  | 104                   | 100                      | 105                   | <b>103</b>  | 89                      | 1.3                             |
| Skyline                                | 123            | 120    | 106                    | 100    | <b>99</b>   | 97                   | <b>99</b>   | 99                    | 106                      | 99                    | <b>96</b>   | 91                      | 1.6                             |
| Atena <sup>⓪</sup>                     | 126            | 120    | 107                    | 108    | —           | 105                  | —           | 108                   | —                        | 110                   | —           | 85                      | 1.1                             |
| <b>Varieties with one year of data</b> |                |        |                        |        |             |                      |             |                       |                          |                       |             |                         |                                 |
| ABACA <sup>⓪</sup>                     | 109            | —      | 89                     | —      | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Jari                                   | 111            | —      | 91                     | —      | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Hana                                   | 113            | —      | 92                     | —      | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| Albenga <sup>⓪</sup>                   | 121            | —      | 103                    | —      | —           | —                    | —           | —                     | —                        | —                     | —           | —                       | —                               |
| <b>LSD (0.10)</b>                      |                |        | 5                      | 5      | <b>4</b>    | 7                    | <b>5</b>    | 6                     | 9                        | 11                    | <b>8</b>    |                         |                                 |
| <b>Average yield (T/ha)</b>            |                |        | 3.47                   | 3.55   | <b>3.54</b> | 3.28                 | <b>2.89</b> | 3.60                  | 3.85                     | 3.83                  | <b>3.94</b> |                         |                                 |
| <b>(bu/ac)</b>                         |                |        | 51.4                   | 52.7   | <b>52.5</b> | 48.6                 | <b>42.9</b> | 53.4                  | 57.1                     | 56.8                  | <b>58.4</b> |                         |                                 |

**Testing Locations: Table 3.2**

|           |      |      |      |
|-----------|------|------|------|
| Elora     | 2020 | 2021 | 2022 |
| Ottawa    | —    | 2021 | 2022 |
| Port Hope | 2020 | 2021 | —    |
| Walton    | 2020 | 2021 | 2022 |

**TABLE 4.1 — MATURITY GROUP 1 (2700-2900 HU) AREAS, RR TEST**

| Variety                                | Days to Mature |        | AVERAGE<br>Yield Index |        |        | EXETER<br>Yield Index |        | ST. MARYS<br>Yield Index | WINCHESTER<br>Yield Index |        | WOODSTOCK<br>Yield Index |        | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|----------------------------------------|----------------|--------|------------------------|--------|--------|-----------------------|--------|--------------------------|---------------------------|--------|--------------------------|--------|-------------------------|---------------------------------|
|                                        | 1 year         | 2 year | 1 year                 | 2 year | 3 year | 2 year                | 3 year | 2 year                   | 2 year                    | 3 year | 2 year                   | 3 year |                         |                                 |
| Miko R2                                | 117            | 117    | 95                     | 91     | 92     | 95                    | 96     | 86                       | 97                        | 97     | 82                       | 82     | 85                      | 1.5                             |
| Pico R2X                               | 118            | 118    | 98                     | 93     | —      | 97                    | —      | 91                       | 94                        | —      | 86                       | —      | 77                      | 1.1                             |
| SI 0921XTN                             | 119            | 118    | 93                     | 92     | —      | 96                    | —      | 90                       | 93                        | —      | 89                       | —      | 81                      | 1.1                             |
| S12-M5X                                | 119            | 118    | 96                     | 99     | 98     | 99                    | 98     | 96                       | 104                       | 102    | 93                       | 94     | 68                      | 1.1                             |
| S10-W8XF                               | 119            | 118    | 100                    | 97     | —      | 97                    | —      | 92                       | 102                       | —      | 97                       | —      | 80                      | 1.1                             |
| Neo R2X                                | 119            | 118    | 98                     | 97     | 96     | 100                   | 98     | 89                       | 97                        | 97     | 103                      | 99     | 84                      | 1.3                             |
| Landmark E3                            | 119            | 118    | 89                     | 91     | —      | 91                    | —      | 95                       | 94                        | —      | 79                       | —      | 79                      | 1.0                             |
| Maris R2X                              | 118            | 119    | 96                     | 95     | 94     | 92                    | 93     | 97                       | 96                        | 95     | 95                       | 93     | 82                      | 1.1                             |
| Enyo E3                                | 120            | 120    | 97                     | 96     | 96     | 100                   | 100    | 91                       | 96                        | 93     | 97                       | 99     | 80                      | 1.2                             |
| SI 1120E3N                             | 121            | 120    | 99                     | 100    | 98     | 103                   | 103    | 101                      | 95                        | 92     | 99                       | 95     | 71                      | 1.0                             |
| Harrier E3                             | 121            | 120    | 94                     | 97     | —      | 96                    | —      | 99                       | 94                        | —      | 101                      | —      | 84                      | 1.5                             |
| Rondo R2X                              | 121            | 121    | 98                     | 99     | 99     | 98                    | 99     | 102                      | 98                        | 99     | 98                       | 98     | 89                      | 1.1                             |
| S14-W6E3                               | 123            | 121    | 102                    | 99     | —      | 106                   | —      | 97                       | 95                        | —      | 99                       | —      | 77                      | 1.1                             |
| PS 1338 XRN                            | 122            | 121    | 96                     | 96     | 94     | 88                    | 89     | 94                       | 103                       | 99     | 98                       | 96     | 84                      | 1.1                             |
| DKB11-51                               | 122            | 122    | 100                    | 96     | 96     | 95                    | 96     | 98                       | 94                        | 95     | 100                      | 97     | 85                      | 1.3                             |
| Compass E3                             | 124            | 122    | 101                    | 98     | —      | 97                    | —      | 105                      | 96                        | —      | 95                       | —      | 74                      | 1.1                             |
| P12T94E                                | 123            | 122    | 97                     | 98     | —      | 100                   | —      | 92                       | 100                       | —      | 98                       | —      | 79                      | 1.1                             |
| PS 1520 XRN                            | 124            | 123    | 107                    | 106    | 105    | 101                   | 102    | 105                      | 109                       | 108    | 109                      | 106    | 83                      | 1.1                             |
| S14-C7XF                               | 125            | 123    | 106                    | 107    | —      | 100                   | —      | 101                      | 110                       | —      | 117                      | —      | 92                      | 1.2                             |
| DKB14-65                               | 124            | 124    | 102                    | 100    | 101    | 99                    | 100    | 104                      | 100                       | 103    | 96                       | 98     | 86                      | 1.2                             |
| P13A89X                                | 125            | 124    | 105                    | 107    | —      | 109                   | —      | 106                      | 110                       | —      | 101                      | —      | 88                      | 1.1                             |
| S16-K2X                                | 127            | 124    | 105                    | 103    | 103    | 102                   | 100    | 99                       | 108                       | 108    | 104                      | 105    | 82                      | 1.1                             |
| PS 1421 EN                             | 125            | 124    | 106                    | 105    | —      | 103                   | —      | 100                      | 107                       | —      | 109                      | —      | 92                      | 1.1                             |
| SI 1820XTN                             | 126            | 125    | 100                    | 106    | 106    | 105                   | 104    | 104                      | 105                       | 105    | 110                      | 110    | 88                      | 1.4                             |
| Cyclone R2X                            | 126            | 125    | 106                    | 104    | 103    | 101                   | 101    | 104                      | 110                       | 108    | 100                      | 100    | 82                      | 1.1                             |
| Keith XF                               | 126            | 125    | 106                    | 103    | —      | 98                    | —      | 102                      | 107                       | —      | 105                      | —      | 89                      | 1.2                             |
| P18A98X                                | 125            | 125    | 110                    | 109    | 107    | 106                   | 104    | 109                      | 113                       | 109    | 107                      | 109    | 87                      | 1.1                             |
| SI 1520E3N                             | 128            | 126    | 102                    | 101    | 101    | 102                   | 102    | 102                      | 98                        | 100    | 102                      | 100    | 85                      | 1.1                             |
| Cougar E3                              | 126            | 126    | 106                    | 105    | —      | 104                   | —      | 106                      | 98                        | —      | 112                      | —      | 77                      | 1.3                             |
| PS 1721 EN                             | 127            | 127    | 96                     | 100    | —      | 99                    | —      | 106                      | 93                        | —      | 104                      | —      | 84                      | 1.0                             |
| P16A84X                                | 128            | 127    | 104                    | 106    | 105    | 103                   | 104    | 111                      | 104                       | 103    | 104                      | 104    | 87                      | 1.0                             |
| Savard E3                              | 128            | 127    | 101                    | 102    | 101    | 106                   | 104    | 105                      | 94                        | 93     | 103                      | 103    | 82                      | 1.1                             |
| DKB19-80                               | 130            | 128    | 106                    | 103    | 105    | 106                   | 104    | 108                      | 94                        | 99     | 106                      | 111    | 91                      | 1.4                             |
| B191FE                                 | 128            | 128    | 95                     | 100    | 100    | 102                   | 101    | 107                      | 93                        | 95     | 98                       | 102    | 81                      | 1.5                             |
| Panther XF                             | 129            | 129    | 102                    | 101    | —      | 102                   | —      | 104                      | 94                        | —      | 105                      | —      | 92                      | 1.5                             |
| <b>Varieties with one year of data</b> |                |        |                        |        |        |                       |        |                          |                           |        |                          |        |                         |                                 |
| Caliper E3                             | 119            | —      | 90                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| S09-H7E3                               | 119            | —      | 99                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| PS 1022 EN                             | 119            | —      | 95                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| Dyno R2X                               | 121            | —      | 102                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| CP1622X                                | 123            | —      | 84                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| S13-Y4XF                               | 123            | —      | 104                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| Summit E3                              | 123            | —      | 97                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| B119KE                                 | 124            | —      | 95                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| Avalanche XF                           | 124            | —      | 106                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| SI 1222E3N                             | 124            | —      | 103                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| B158DE                                 | 125            | —      | 103                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| PR229004Z                              | 125            | —      | 104                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| Rask E3                                | 127            | —      | 104                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| B182ME                                 | 128            | —      | 104                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| PR229005Z                              | 128            | —      | 92                     | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| P17A87E                                | 128            | —      | 102                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| P18A73E                                | 129            | —      | 101                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| Ocelot E3                              | 130            | —      | 102                    | —      | —      | —                     | —      | —                        | —                         | —      | —                        | —      | —                       | —                               |
| <b>LSD (0.10)</b>                      |                |        | 6                      | 4      | 3      | 11                    | 8      | 6                        | 6                         | 5      | 7                        | 6      |                         |                                 |
| <b>Average yield (T/ha)</b>            |                |        | 4.15                   | 4.21   | 4.22   | 4.64                  | 4.74   | 4.10                     | 4.74                      | 4.55   | 3.38                     | 3.44   |                         |                                 |
| <b>(bu/ac)</b>                         |                |        | 61.6                   | 62.5   | 62.6   | 68.8                  | 70.3   | 60.8                     | 70.3                      | 67.5   | 50.2                     | 51.0   |                         |                                 |

**Testing Locations: Table 4.1**

|            |      |      |      |
|------------|------|------|------|
| Exeter     | 2020 | 2021 | 2022 |
| St. Marys  | —    | 2021 | 2022 |
| Winchester | 2020 | 2021 | 2022 |
| Woodstock  | 2020 | 2021 | 2022 |

**TABLE 4.2 — MATURITY GROUP 1 (2700-2900 HU) AREAS, CONVENTIONAL TEST**

| Variety                                | Days to Mature |        | AVERAGE<br>Yield Index |        |             | EXETER<br>Yield Index |             | ST. MARYS<br>Yield Index | WINCHESTER<br>Yield Index |             | WOODSTOCK<br>Yield Index |             | Plant<br>Height<br>(cm) | Lodging<br>1=standing<br>5=flat |
|----------------------------------------|----------------|--------|------------------------|--------|-------------|-----------------------|-------------|--------------------------|---------------------------|-------------|--------------------------|-------------|-------------------------|---------------------------------|
|                                        | 1 year         | 2 year | 1 year                 | 2 year | 3 year      | 2 year                | 3 year      | 2 year                   | 2 year                    | 3 year      | 2 year                   | 3 year      |                         |                                 |
| Havane                                 | 115            | 115    | 91                     | 92     | <b>93</b>   | 98                    | <b>97</b>   | 94                       | 88                        | <b>93</b>   | 84                       | <b>87</b>   | 77                      | 1.4                             |
| S10-R2⓪                                | 116            | 115    | 100                    | 98     | <b>97</b>   | 102                   | <b>101</b>  | 87                       | 98                        | <b>97</b>   | 110                      | <b>102</b>  | 82                      | 1.7                             |
| Aya⓪                                   | 116            | 116    | 92                     | 95     | —           | 95                    | —           | 94                       | 98                        | —           | 90                       | —           | 77                      | 1.2                             |
| Asana⓪                                 | 117            | 116    | 87                     | 89     | <b>89</b>   | 98                    | <b>96</b>   | 92                       | 86                        | <b>87</b>   | 75                       | <b>80</b>   | 78                      | 1.5                             |
| Ezra                                   | 118            | 117    | 96                     | 103    | <b>102</b>  | 102                   | <b>101</b>  | 102                      | 104                       | <b>100</b>  | 107                      | <b>108</b>  | 84                      | 1.3                             |
| Marula                                 | 118            | 117    | 91                     | 92     | <b>92</b>   | 94                    | <b>93</b>   | 91                       | 90                        | <b>92</b>   | 93                       | <b>91</b>   | 85                      | 1.3                             |
| Finch                                  | 120            | 117    | 100                    | 99     | —           | 96                    | —           | 101                      | 100                       | —           | 100                      | —           | 84                      | 1.2                             |
| Acora                                  | 119            | 118    | 95                     | 96     | <b>99</b>   | 95                    | <b>98</b>   | 100                      | 94                        | <b>97</b>   | 94                       | <b>101</b>  | 90                      | 1.5                             |
| Odessa                                 | 121            | 119    | 103                    | 103    | <b>102</b>  | 106                   | <b>104</b>  | 104                      | 102                       | <b>103</b>  | 95                       | <b>97</b>   | 79                      | 1.1                             |
| Kagawa                                 | 120            | 119    | 94                     | 92     | <b>93</b>   | 87                    | <b>87</b>   | 96                       | 99                        | <b>99</b>   | 85                       | <b>90</b>   | 82                      | 1.1                             |
| P11A10                                 | 121            | 120    | 103                    | 106    | <b>104</b>  | 108                   | <b>107</b>  | 101                      | 108                       | <b>103</b>  | 104                      | <b>102</b>  | 89                      | 1.3                             |
| Skyline                                | 120            | 120    | 99                     | 98     | <b>96</b>   | 94                    | <b>92</b>   | 98                       | 102                       | <b>98</b>   | 99                       | <b>100</b>  | 82                      | 1.4                             |
| Eider                                  | 121            | 120    | 94                     | 97     | <b>97</b>   | 91                    | <b>92</b>   | 94                       | 102                       | <b>103</b>  | 100                      | <b>100</b>  | 86                      | 1.4                             |
| S14-H3⓪                                | 121            | 120    | 101                    | 102    | <b>100</b>  | 103                   | <b>104</b>  | 98                       | 102                       | <b>96</b>   | 104                      | <b>101</b>  | 75                      | 1.2                             |
| S12-J7⓪                                | 122            | 120    | 103                    | 105    | <b>103</b>  | 108                   | <b>106</b>  | 100                      | 99                        | <b>97</b>   | 117                      | <b>110</b>  | 77                      | 1.3                             |
| Atena⓪                                 | 121            | 120    | 100                    | 100    | <b>99</b>   | 103                   | <b>101</b>  | 102                      | 103                       | <b>103</b>  | 90                       | <b>91</b>   | 76                      | 1.1                             |
| DH530                                  | 122            | 121    | 94                     | 93     | <b>94</b>   | 101                   | <b>100</b>  | 88                       | 94                        | <b>92</b>   | 86                       | <b>90</b>   | 83                      | 1.5                             |
| OAC Malory⓪                            | 122            | 121    | 104                    | 98     | <b>97</b>   | 97                    | <b>98</b>   | 93                       | 100                       | <b>99</b>   | 102                      | <b>99</b>   | 82                      | 1.5                             |
| OAC Elevation⓪                         | 123            | 121    | 95                     | 91     | —           | 87                    | —           | 97                       | 91                        | —           | 88                       | —           | 85                      | 1.3                             |
| Baltazar                               | 121            | 122    | 97                     | 99     | <b>97</b>   | 91                    | <b>94</b>   | 101                      | 110                       | <b>103</b>  | 91                       | <b>89</b>   | 86                      | 1.2                             |
| Barton                                 | 124            | 122    | 101                    | 101    | <b>103</b>  | 105                   | <b>106</b>  | 99                       | 95                        | <b>97</b>   | 109                      | <b>110</b>  | 81                      | 1.9                             |
| Taku                                   | 124            | 122    | 117                    | 112    | <b>110</b>  | 107                   | <b>104</b>  | 117                      | 110                       | <b>109</b>  | 118                      | <b>114</b>  | 93                      | 1.5                             |
| OAC Union⓪                             | 124            | 123    | 110                    | 112    | <b>111</b>  | 111                   | <b>109</b>  | 108                      | 114                       | <b>113</b>  | 117                      | <b>114</b>  | 80                      | 1.2                             |
| Zana                                   | 124            | 123    | 106                    | 105    | <b>106</b>  | 104                   | <b>102</b>  | 104                      | 110                       | <b>112</b>  | 101                      | <b>104</b>  | 88                      | 1.1                             |
| OAC Aberdeen                           | 126            | 124    | 109                    | 110    | <b>108</b>  | 109                   | <b>108</b>  | 113                      | 100                       | <b>102</b>  | 125                      | <b>114</b>  | 76                      | 1.1                             |
| Forto                                  | 125            | 125    | 101                    | 100    | <b>99</b>   | 97                    | <b>98</b>   | 98                       | 101                       | <b>102</b>  | 104                      | <b>99</b>   | 97                      | 1.4                             |
| Laurentian                             | 126            | 125    | 94                     | 97     | <b>96</b>   | 103                   | <b>100</b>  | 95                       | 89                        | <b>87</b>   | 103                      | <b>103</b>  | 92                      | 1.4                             |
| Candor                                 | 127            | 126    | 98                     | 100    | <b>99</b>   | 102                   | <b>101</b>  | 108                      | 98                        | <b>98</b>   | 88                       | <b>90</b>   | 84                      | 1.4                             |
| HDC Blake                              | 129            | 127    | 95                     | 98     | <b>99</b>   | 96                    | <b>96</b>   | 104                      | 101                       | <b>103</b>  | 88                       | <b>92</b>   | 92                      | 1.5                             |
| Rowan                                  | 128            | 127    | 116                    | 117    | <b>115</b>  | 110                   | <b>108</b>  | 119                      | 112                       | <b>115</b>  | 134                      | <b>122</b>  | 90                      | 1.2                             |
| <b>Varieties with one year of data</b> |                |        |                        |        |             |                       |             |                          |                           |             |                          |             |                         |                                 |
| Matilda                                | 119            | —      | 105                    | —      | —           | —                     | —           | —                        | —                         | —           | —                        | —           | —                       | —                               |
| Alinova                                | 126            | —      | 109                    | —      | —           | —                     | —           | —                        | —                         | —           | —                        | —           | —                       | —                               |
| <b>LSD (0.10)</b>                      |                |        | 7                      | 5      | <b>4</b>    | 15                    | <b>10</b>   | 6                        | 6                         | <b>5</b>    | 9                        | <b>9</b>    |                         |                                 |
| <b>Average yield (T/ha)</b>            |                |        | 3.23                   | 3.44   | <b>3.54</b> | 3.98                  | <b>4.15</b> | 3.40                     | 4.02                      | <b>4.01</b> | 2.38                     | <b>2.54</b> |                         |                                 |
| <b>(bu/ac)</b>                         |                |        | 47.9                   | 51.1   | <b>52.5</b> | 59.0                  | <b>61.5</b> | 50.5                     | 59.6                      | <b>59.5</b> | 35.3                     | <b>37.7</b> |                         |                                 |

**Testing Locations: Table 4.2**

|            |      |      |      |
|------------|------|------|------|
| Exeter     | 2020 | 2021 | 2022 |
| St. Marys  | —    | 2021 | 2022 |
| Winchester | 2020 | 2021 | 2022 |
| Woodstock  | 2020 | 2021 | 2022 |

**TABLE 5.1 — EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS, RR TEST**

| Variety                         | Days to Mature |        | CLAY AVG    |             | INWOOD      |             | PALMYRA     |             | LOAM AVG    |             | FNGAL       | RIDGETOWN   |             | Plant       | Lodging              |
|---------------------------------|----------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|
|                                 | 1 year         | 2 year | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Yield Index | Height (cm) | 1=standing<br>5=flat |
| Compass E3                      | 116            | 116    | 91          | 89          | 89          | 89          | —           | 85          | 84          | —           | 93          | —           | 71          | 1.3         |                      |
| Ranger R2X                      | 117            | 117    | 87          | 95          | 101         | 93          | —           | 92          | 98          | —           | 97          | —           | 85          | 1.8         |                      |
| PS 2120 EN                      | 122            | 119    | 95          | 85          | 81          | 86          | 90          | 107         | 103         | 103         | 104         | 108         | 81          | 1.3         |                      |
| DKB21-30XF                      | 119            | 119    | 103         | 105         | 105         | 105         | —           | 94          | 94          | —           | 97          | —           | 84          | 1.7         |                      |
| PS 2020 XRN                     | 118            | 119    | 94          | 95          | 105         | 92          | 93          | 94          | 91          | 92          | 94          | 96          | 86          | 1.8         |                      |
| SI 2121XTN                      | 120            | 120    | 84          | 94          | 114         | 88          | —           | 99          | 95          | —           | 96          | —           | 88          | 1.5         |                      |
| DKB19-80                        | 122            | 120    | 105         | 103         | 110         | 102         | 102         | 106         | 100         | 101         | 100         | 101         | 89          | 2.1         |                      |
| P20A22X                         | 123            | 121    | 106         | 105         | 97          | 107         | —           | 110         | 111         | —           | 110         | —           | 83          | 1.1         |                      |
| S20-L8X                         | 123            | 121    | 106         | 103         | 91          | 106         | 102         | 98          | 90          | 97          | 91          | 95          | 88          | 2.0         |                      |
| P21A28X                         | 123            | 122    | 112         | 106         | 110         | 105         | 100         | 102         | 104         | 101         | 99          | 97          | 87          | 1.1         |                      |
| Express R2X                     | 124            | 122    | 103         | 104         | 108         | 103         | 102         | 102         | 98          | 95          | 103         | 105         | 90          | 1.9         |                      |
| S22-J4X                         | 125            | 123    | 91          | 96          | 91          | 97          | 99          | 104         | 100         | 96          | 102         | 104         | 86          | 1.3         |                      |
| DKB25-17XF                      | 126            | 123    | 105         | 100         | 92          | 102         | —           | 112         | 107         | —           | 110         | —           | 86          | 1.3         |                      |
| P24A80X                         | 125            | 123    | 105         | 105         | 104         | 106         | 105         | 100         | 112         | 120         | 104         | 105         | 89          | 1.4         |                      |
| S23-K7E3                        | 126            | 124    | 106         | 102         | 105         | 102         | —           | 98          | 100         | —           | 98          | —           | 81          | 1.3         |                      |
| DKB25-57                        | 126            | 124    | 103         | 99          | 87          | 102         | 105         | 93          | 100         | 97          | 100         | 100         | 89          | 1.3         |                      |
| Curve E3                        | 129            | 124    | 98          | 95          | 95          | 96          | —           | 101         | 96          | —           | 100         | —           | 83          | 1.1         |                      |
| DKB24-35                        | 128            | 125    | 102         | 95          | 84          | 98          | —           | 97          | 101         | —           | 101         | —           | 91          | 1.6         |                      |
| P25A68X                         | 129            | 127    | 110         | 113         | 121         | 110         | —           | 101         | 110         | —           | 106         | —           | 89          | 1.3         |                      |
| B251FE                          | 135            | 128    | 101         | 101         | 98          | 102         | 101         | 96          | 91          | 98          | 88          | 89          | 88          | 1.2         |                      |
| PS 2521 XFN                     | 131            | 128    | 104         | 101         | 101         | 100         | —           | 106         | 104         | —           | 104         | —           | 87          | 1.8         |                      |
| P26A34X                         | 133            | 128    | 108         | 110         | 110         | 110         | —           | 104         | 109         | —           | 104         | —           | 92          | 1.3         |                      |
| Varieties with one year of data |                |        |             |             |             |             |             |             |             |             |             |             |             |             |                      |
| Summit E3                       | 114            | —      | 86          | —           | —           | —           | —           | 92          | —           | —           | —           | —           | —           | —           | —                    |
| S18-F1E3S                       | 119            | —      | 86          | —           | —           | —           | —           | 99          | —           | —           | —           | —           | —           | —           | —                    |
| Raglan R2X                      | 119            | —      | 94          | —           | —           | —           | —           | 98          | —           | —           | —           | —           | —           | —           | —                    |
| Masters XF                      | 123            | —      | 100         | —           | —           | —           | —           | 99          | —           | —           | —           | —           | —           | —           | —                    |
| B205VE                          | 125            | —      | 94          | —           | —           | —           | —           | 94          | —           | —           | —           | —           | —           | —           | —                    |
| P21A53E                         | 126            | —      | 107         | —           | —           | —           | —           | 94          | —           | —           | —           | —           | —           | —           | —                    |
| P23A40E                         | 126            | —      | 110         | —           | —           | —           | —           | 103         | —           | —           | —           | —           | —           | —           | —                    |
| PS 2322 XFN                     | 128            | —      | 108         | —           | —           | —           | —           | 106         | —           | —           | —           | —           | —           | —           | —                    |
| SI 2322E3N                      | 129            | —      | 93          | —           | —           | —           | —           | 104         | —           | —           | —           | —           | —           | —           | —                    |
| S22-A2E3                        | 129            | —      | 100         | —           | —           | —           | —           | 103         | —           | —           | —           | —           | —           | —           | —                    |
| S25-G8E3                        | 130            | —      | 97          | —           | —           | —           | —           | 103         | —           | —           | —           | —           | —           | —           | —                    |
| S26-E3                          | 131            | —      | 103         | —           | —           | —           | —           | 105         | —           | —           | —           | —           | —           | —           | —                    |
| B253LE                          | 133            | —      | 105         | —           | —           | —           | —           | 102         | —           | —           | —           | —           | —           | —           | —                    |
| LSD (0.10)                      |                |        | 11          | 9           | 24          | 9           | 8           | 11          | 9           | 8           | 10          | 8           |             |             |                      |
| Average yield (T/ha)            |                |        | 5.14        | 4.22        | 3.02        | 4.83        | 4.99        | 5.99        | 5.41        | 4.40        | 6.18        | 6.14        |             |             |                      |
| (bu/ac)                         |                |        | 76.3        | 62.7        | 44.7        | 71.6        | 74.1        | 88.8        | 80.3        | 65.3        | 91.7        | 91.1        |             |             |                      |

**Testing Locations: Table 5.1**

|           |      |      |      |
|-----------|------|------|------|
| Inwood    | —    | 2021 | —    |
| Palmyra   | 2020 | 2021 | 2022 |
| Fingal    | 2020 | 2021 | —    |
| Ridgetown | 2020 | 2021 | 2022 |

**TABLE 5.2 — EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS, CONVENTIONAL TEST**

| Variety                         | Days to Mature |        | CLAY AVG           |                    | INWOOD             |                    | PALMYRA            |                    |                    | LOAM AVG           |                    | FNGAL              |     | RIDGETOWN |  | Plant Height (cm) | Lodging 1=standing 5=flat |
|---------------------------------|----------------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----|-----------|--|-------------------|---------------------------|
|                                 | 1 year         | 2 year | Yield Index 1 year | Yield Index 2 year | Yield Index 1 year | Yield Index 2 year | Yield Index 3 year | Yield Index 1 year | Yield Index 2 year | Yield Index 2 year | Yield Index 2 year | Yield Index 3 year |     |           |  |                   |                           |
| OAC Aberdeen                    | 118            | 117    | 92                 | 95                 | 87                 | 97                 | —                  | 102                | 107                | —                  | 103                | —                  | 83  | 1.3       |  |                   |                           |
| Rowan                           | 119            | 118    | 94                 | 99                 | 101                | 98                 | —                  | 120                | 118                | —                  | 115                | —                  | 95  | 1.6       |  |                   |                           |
| HDC Blake                       | 121            | 119    | 97                 | 102                | 120                | 96                 | 94                 | 71                 | 90                 | 97                 | 85                 | 90                 | 97  | 1.7       |  |                   |                           |
| OAC Kent                        | 122            | 119    | 106                | 105                | 112                | 102                | 100                | 84                 | 88                 | 89                 | 86                 | 91                 | 92  | 2.6       |  |                   |                           |
| OAC BrutonⓈ                     | 120            | 120    | 102                | 105                | 102                | 106                | 107                | 105                | 99                 | 98                 | 103                | 104                | 94  | 2.1       |  |                   |                           |
| Candor                          | 119            | 120    | 107                | 99                 | 92                 | 101                | 99                 | 88                 | 93                 | 79                 | 97                 | 100                | 85  | 2.1       |  |                   |                           |
| P21A20                          | 124            | 121    | 96                 | 90                 | 96                 | 88                 | 86                 | 110                | 104                | 106                | 106                | 110                | 88  | 1.6       |  |                   |                           |
| SG 2311                         | 122            | 121    | 98                 | 106                | 112                | 104                | 103                | 89                 | 93                 | 95                 | 93                 | 95                 | 92  | 1.7       |  |                   |                           |
| OAC Marvel                      | 123            | 122    | 99                 | 91                 | 93                 | 91                 | 91                 | 103                | 95                 | 108                | 93                 | 97                 | 96  | 1.7       |  |                   |                           |
| OAC StirlingⓈ                   | 123            | 123    | 101                | 106                | 93                 | 110                | 108                | 103                | 106                | 107                | 107                | 104                | 98  | 2.1       |  |                   |                           |
| AAC 26-15                       | 125            | 124    | 100                | 97                 | 91                 | 99                 | 102                | 104                | 91                 | 97                 | 94                 | 95                 | 97  | 2.1       |  |                   |                           |
| AAC McRaeⓈ                      | 128            | 125    | 105                | 101                | 95                 | 102                | 101                | 111                | 106                | 106                | 107                | 104                | 100 | 1.9       |  |                   |                           |
| Hickstead                       | 127            | 125    | 101                | 97                 | 94                 | 98                 | 99                 | 100                | 98                 | 106                | 98                 | 99                 | 89  | 1.9       |  |                   |                           |
| DF 155                          | 130            | 126    | 110                | 99                 | 106                | 97                 | 94                 | 90                 | 95                 | 91                 | 96                 | 99                 | 93  | 2.0       |  |                   |                           |
| AAC WigleⓈ                      | 130            | 126    | 100                | 103                | 106                | 102                | 102                | 106                | 104                | 106                | 104                | 103                | 98  | 1.9       |  |                   |                           |
| AAC Big Ben                     | 133            | 128    | 110                | 108                | 99                 | 111                | 113                | 117                | 111                | 115                | 111                | 108                | 106 | 2.2       |  |                   |                           |
| Varieties with one year of data |                |        |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |     |           |  |                   |                           |
| InwoodⓈ                         | 113            | —      | 84                 | —                  | —                  | —                  | —                  | 97                 | —                  | —                  | —                  | —                  | —   | —         |  |                   |                           |
| LSD (0.10)                      |                |        | 10                 | 10                 | 20                 | 11                 | 10                 | 11                 | 9                  | 11                 | 10                 | 8                  |     |           |  |                   |                           |
| Average yield (T/ha)            |                |        | 5.21               | 3.94               | 2.82               | 4.51               | 4.58               | 4.97               | 4.79               | 3.84               | 5.16               | 5.21               |     |           |  |                   |                           |
| (bu/ac)                         |                |        | 77.3               | 58.5               | 41.9               | 66.8               | 68.0               | 73.8               | 71.0               | 57.0               | 76.6               | 77.2               |     |           |  |                   |                           |

| Testing Locations: Table 5.2 |      |      |      |  |
|------------------------------|------|------|------|--|
| Inwood                       | —    | 2021 | —    |  |
| Palmyra                      | 2020 | 2021 | 2022 |  |
| Fingal                       | 2020 | 2021 | —    |  |
| Ridgetown                    | 2020 | 2021 | 2022 |  |

**TABLE 6.1 — LATE MATURITY GROUP 2 (3300-3500 HU) AREAS, RR TEST**

| Variety                         | Days to Mature |        | CLAY AVG |        | MERLIN |        | WOODSLEE |        | LOAM AVG |        | CHATHAM |        | MALDEN |             | Plant      | Lodging |
|---------------------------------|----------------|--------|----------|--------|--------|--------|----------|--------|----------|--------|---------|--------|--------|-------------|------------|---------|
|                                 | 1 year         | 2 year | 1 year   | 2 year | 2 year | 3 year | 2 year   | 1 year | 2 year   | 2 year | 3 year  | 2 year | 3 year | Height (cm) | 1=standing | 5=flat  |
| S26-E3                          | 113            | 116    | 83       | 94     | 91     | 97     | 97       | 90     | 92       | 88     | 91      | 95     | 99     | 78          |            | 1.0     |
| PS 2720 EN                      | 114            | 118    | 97       | 100    | 100    | 97     | 100      | 105    | 103      | 110    | 109     | 98     | 101    | 78          |            | 1.0     |
| S29-R5X                         | 117            | 119    | 98       | 97     | 96     | 94     | 98       | 108    | 103      | 111    | 112     | 96     | 96     | 84          |            | 1.2     |
| PS 2889XRN                      | 120            | 121    | 98       | 95     | 87     | 91     | 101      | 107    | 100      | 105    | 104     | 96     | 98     | 85          |            | 1.0     |
| S28-H4E3                        | 121            | 122    | 99       | 97     | 92     | —      | 101      | 102    | 101      | 97     | —       | 104    | —      | 78          |            | 1.0     |
| B301ME                          | 122            | 124    | 101      | 105    | 111    | 117    | 99       | 95     | 102      | 100    | 100     | 103    | 105    | 81          |            | 1.0     |
| CP3220RX                        | 122            | 125    | 103      | 100    | 98     | 98     | 102      | 94     | 95       | 95     | 96      | 95     | 97     | 88          |            | 1.1     |
| P29A25X                         | 121            | 125    | 108      | 102    | 105    | 102    | 100      | 101    | 98       | 97     | 90      | 100    | 98     | 84          |            | 1.0     |
| P32T26E                         | 123            | 125    | 94       | 98     | 99     | —      | 97       | 100    | 98       | 98     | —       | 99     | —      | 81          |            | 1.0     |
| DKB33-54                        | 123            | 126    | 106      | 102    | 104    | 104    | 100      | 103    | 102      | 97     | 99      | 107    | 105    | 80          |            | 1.1     |
| P31A95BX                        | 124            | 127    | 107      | 111    | 117    | —      | 106      | 99     | 105      | 103    | —       | 107    | —      | 86          |            | 1.2     |
| Varieties with one year of data |                |        |          |        |        |        |          |        |          |        |         |        |        |             |            |         |
| S25-G8E3                        | 116            | —      | 101      | —      | —      | —      | —        | 100    | —        | —      | —       | —      | —      | —           | —          | —       |
| Darby E3                        | 116            | —      | 86       | —      | —      | —      | —        | 99     | —        | —      | —       | —      | —      | —           | —          | —       |
| P25A16E                         | 118            | —      | 106      | —      | —      | —      | —        | 109    | —        | —      | —       | —      | —      | —           | —          | —       |
| P28A65E                         | 119            | —      | 100      | —      | —      | —      | —        | 93     | —        | —      | —       | —      | —      | —           | —          | —       |
| P29A19E                         | 120            | —      | 112      | —      | —      | —      | —        | 96     | —        | —      | —       | —      | —      | —           | —          | —       |
| LSD (0.10)                      |                |        | 9        | 6      | 11     | 10     | 7        | 6      | 6        | 9      | 9       | 8      | 6      |             |            |         |
| Average yield (T/ha)            |                |        | 3.75     | 4.67   | 4.36   | 4.34   | 4.99     | 5.12   | 4.93     | 4.61   | 4.54    | 5.24   | 4.81   |             |            |         |
| (bu/ac)                         |                |        | 55.6     | 69.3   | 64.6   | 64.4   | 74.1     | 76.0   | 73.1     | 68.3   | 67.4    | 77.8   | 71.3   |             |            |         |

**TABLE 6.2 — LATE MATURITY GROUP 2 (3300-3500 HU) AREAS, CONVENTIONAL TEST**

| Variety                     | Days to Mature |        | CLAY AVG |        | MERLIN |             | WOODSLEE    | LOAM AVG |        | CHATHAM |             | MALDEN |             | Plant       | Lodging           |
|-----------------------------|----------------|--------|----------|--------|--------|-------------|-------------|----------|--------|---------|-------------|--------|-------------|-------------|-------------------|
|                             | 1 year         | 2 year | 1 year   | 2 year | 2 year | 3 year      | Yield Index | 1 year   | 2 year | 2 year  | 3 year      | 2 year | 3 year      | Height (cm) | 1=standing 5=flat |
| OAC Marvel                  | 110            | 114    | 99       | 100    | 104    | <b>102</b>  | 97          | 103      | 101    | 104     | <b>103</b>  | 98     | <b>94</b>   | 88          | 1.0               |
| SG 2311                     | 111            | 114    | 95       | 107    | 110    | <b>109</b>  | 105         | 89       | 98     | 95      | <b>87</b>   | 101    | <b>97</b>   | 82          | 1.0               |
| HDC Blake                   | 114            | 115    | 84       | 99     | 94     | —           | 103         | 66       | 84     | 81      | —           | 86     | —           | 82          | 1.3               |
| AAC McRae <sup>⓪</sup>      | 113            | 116    | 108      | 103    | 106    | —           | 100         | 97       | 98     | 103     | —           | 94     | —           | 92          | 1.4               |
| OAC Stirling <sup>⓪</sup>   | 113            | 116    | 103      | 101    | 98     | —           | 103         | 113      | 101    | 102     | —           | 101    | —           | 86          | 1.3               |
| AAC 26-15                   | 112            | 117    | 95       | 97     | 93     | <b>93</b>   | 100         | 100      | 103    | 108     | <b>106</b>  | 98     | <b>99</b>   | 85          | 1.1               |
| DF 155                      | 113            | 117    | 107      | —      | 107    | <b>104</b>  | —           | 107      | —      | 106     | <b>95</b>   | —      | —           | 85          | 1.0               |
| AAC Wigle <sup>⓪</sup>      | 114            | 119    | 96       | 95     | 97     | —           | 93          | 108      | 106    | 100     | —           | 111    | —           | 86          | 1.3               |
| Hickstead                   | 116            | 120    | 99       | 90     | 87     | <b>89</b>   | 93          | 103      | 99     | 101     | <b>98</b>   | 97     | <b>98</b>   | 80          | 1.4               |
| AAC Big Ben                 | 120            | 123    | 113      | 108    | 111    | <b>108</b>  | 106         | 116      | 110    | 106     | <b>106</b>  | 113    | <b>112</b>  | 98          | 1.3               |
| <b>LSD (0.10)</b>           |                |        | 7        | 8      | 11     | <b>10</b>   | 12          | 11       | 8      | 10      | <b>8</b>    | 12     | <b>9</b>    |             |                   |
| <b>Average yield (T/ha)</b> |                |        | 3.53     | 4.13   | 3.90   | <b>4.02</b> | 4.35        | 4.12     | 4.18   | 3.85    | <b>3.97</b> | 4.52   | <b>4.30</b> |             |                   |
| (bu/ac)                     |                |        | 52.4     | 61.2   | 57.8   | <b>59.7</b> | 64.6        | 61.0     | 62.0   | 57.0    | <b>58.9</b> | 67.0   | <b>63.8</b> |             |                   |

| Testing Locations: Table 6.1 & 6.2 |      |      |      |
|------------------------------------|------|------|------|
| Merlin                             | 2020 | 2021 | 2022 |
| Woodslee                           | —    | 2021 | 2022 |
| Chatham                            | 2020 | 2021 | 2022 |
| Malden                             | 2020 | 2021 | 2022 |

**DISTRIBUTOR CONTACTS — Soybeans**

| DISTRIBUTOR                                        | PHONE NUMBER   | DISTRIBUTOR .....            | PHONE NUMBER   |
|----------------------------------------------------|----------------|------------------------------|----------------|
| AGRIIS Co-operative Ltd.....                       | 519-380-2384   | PRIDE Seeds .....            | 1-800-265-5280 |
| Agrocentre Belcan.....                             | 1-800-363-5146 | Prograin.....                | 450-469-5744   |
| C&M Seeds .....                                    | 1-888-733-9432 | Saatbau Linz .....           | 514-609-0881   |
| Centre de Criblage Marc Bercier Seed Cleaning Inc. | 613-524-2981   | SeCan.....                   | 1-866-797-7874 |
| Corteva Agrscience (Brevant) .....                 | 1-800-265-9435 | Semican Inc.....             | 819-362-8823   |
| Corteva Agrscience (Pioneer) .....                 | 1-800-265-9435 | Sevita International.....    | 613-989-3000   |
| DEKALB .....                                       | 519-767-3366   | SG Ceresco Inc.....          | 450-427-3831   |
| Hensall Co-op.....                                 | 519-262-3002   | Snobelen Farms Ltd. ....     | 519-343-3630   |
| Horizon Seeds Canada Inc. ....                     | 519-842-5538   | Southwest Seeds Inc.....     | 519-674-0054   |
| Huron Commodities Inc.....                         | 519-482-8400   | Syngenta Canada, Inc.....    | 1-888-366-4211 |
| Maizex Seeds Inc. (Elite brand).....               | 519-682-1720   | WinField United Canada ..... | 306-249-5112   |



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### AAC 26-15

Jarvis; Landray Farm Inc ..... 905-870-4002 S

### AAC BIG BEN

Ridgetown; Southwest Seeds Inc ..... revonmartels@gmail.com S F R

### AAC MCRAE ☼

Wheatley; Recker Seeds ..... 19pwalker77@gmail.com S R

### AAC WIGLE ☼

Jarvis; Landray Farm Inc ..... 905-870-4002 C  
Ridgetown; Southwest Seeds Inc ..... revonmartels@gmail.com C  
Wheatley; Recker Seeds ..... 19pwalker77@gmail.com S F C

### ACORA

St-Cesaire; Semences Prograin Inc (Qc) ..... 450-469-5744 S R

### ALTITUDE R2

Brantford; Bow Park Farm Inc ..... 519-751-9782 C  
Carp; Donridge Farms ..... donridge@live.com C  
Cobden; Stone, Reuben & Keanan ..... 613-646-9737 C  
Lanark; Dawson, Andrew ..... 613-259-3157 F  
Lucknow; Snobelen, Mike & Sam ..... jeadie@snobelenfarms.com C  
Ripley; Courtney Grain And Seed (2015) Ltd ..... 519-395-2972 R C  
St. Isidore; Bercier, Marc & Guillaume (On) ..... info@marcbercier.com R



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### ANGELICA ☼

Palmerston; C & M Seeds ..... jwilliamson@redwheat.com S F C

### ASANA ☼

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### ATIRON

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### AURELINA ☼

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### AYA ☼

St-Cesaire; Semences Prograin Inc (Qc) ..... 450-469-5744 S R

### BELIVEAU R2X

Branchton; Szentimrey Seeds Ltd ..... peter@ssltd.ca S F R  
Chesley; McDonald, Jamie ..... 519-377-0548 C  
Ripley; Courtney Grain And Seed (2015) Ltd ..... 519-395-2972 R  
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Thornton; Alliance Agri-Turf ..... ians@agri-turf.ca C

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| <b>CE2020602</b>                       |                          |   |   |
| Wheatley; Recker Seeds .....           | 19pwalker77@gmail.com    | F |   |
| <b>CL2041574</b>                       |                          |   |   |
| Arva; Syngenta Canada Inc .....        | 1-877-964-3682           | F |   |
| <b>CL2043115</b>                       |                          |   |   |
| Arva; Syngenta Canada Inc .....        | 1-877-964-3682           | F |   |
| <b>CL2043166</b>                       |                          |   |   |
| Arva; Syngenta Canada Inc .....        | 1-877-964-3682           | F |   |
| <b>CP0620RX</b>                        |                          |   |   |
| Lindsay; Midnight Acres .....          | 705-878-8200             | R |   |
| Saskatoon; Winfield United Canada..... | www.winfieldunited.ca    | F |   |
| Thornton; Alliance Agri-Turf.....      | ians@agri-turf.ca        | F |   |
| <b>CP0621XF</b>                        |                          |   |   |
| Lucknow; Snobelen, Mike & Sam.....     | jeadie@snobelenfarms.com | S | F |
| <b>CP0622XF</b>                        |                          |   |   |
| Lucknow; Snobelen, Mike & Sam.....     | jeadie@snobelenfarms.com | S | F |
| <b>CP0719RX</b>                        |                          |   |   |
| Lindsay; Midnight Acres .....          | 705-878-8200             | R |   |
| Saskatoon; Winfield United Canada..... | www.winfieldunited.ca    | S |   |
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| <b>CP0921X</b>                              |                          |   |   |
| Lucknow; Snobelen, Mike & Sam.....          | jeadie@snobelenfarms.com | S | F |
| <b>CP0922X</b>                              |                          |   |   |
| Lucknow; Snobelen, Mike & Sam.....          | jeadie@snobelenfarms.com | S | F |
| <b>CP1220RX</b>                             |                          |   |   |
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| Saskatoon; Winfield United Canada.....      | www.winfieldunited.ca    | S |   |
| <b>CP1221X</b>                              |                          |   |   |
| Lindsay; Midnight Acres .....               | 705-878-8200             | R |   |
| Saskatoon; Winfield United Canada.....      | www.winfieldunited.ca    | S |   |
| <b>DARBY E3</b>                             |                          |   |   |
| Harrow; Salter Farms Ltd.....               | salterfarms@outlook.com  | F |   |
| <b>DYNO R2X</b>                             |                          |   |   |
| St-Cesaire; Semences Prograin Inc (Qc)..... | 450-469-5744             |   | C |
| <b>EC2020472</b>                            |                          |   |   |
| Arva; Syngenta Canada Inc .....             | 1-877-964-3682           | F |   |
| <b>EE2020262</b>                            |                          |   |   |
| Arva; Syngenta Canada Inc .....             | 1-877-964-3682           | F |   |
| <b>EW2021083</b>                            |                          |   |   |
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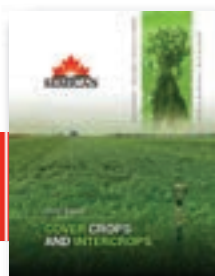
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### EXPAND R2X

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### EXPRESS R2X

Alvinston; Mc Rae, Jonathan & Matthew.....519-464-2887 F R  
Denfield; Kuebler, Ralph.....rckuebler@kueblerfarms.com F

### GRAVES E3

Palmerston; Connell, Dale A., Mary Anne & James F.  
.....info@connellseeds.ca S F

### HAKATA

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### HALTIFO

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.....705-647-3129 C

### HARVEY E3

St. Isidore; Bercier, Marc & Guillaume (On)  
.....info@marcbercier.com R

### HICKSTEAD

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### KEITH XF

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Branchton; Szentimrey Seeds Ltd.....peter@ssltd.ca S R  
Brantford; Bow Park Farm Inc.....519-751-9782 R  
Denfield; Kuebler, Ralph.....rckuebler@kueblerfarms.com R  
Jarvis; Landray Farm Inc.....905-870-4002 S F R  
Lucknow; Snobelen, Mike & Sam.....jeadie@snobelenfarms.com C  
Morpeth; Stirling, Bryan Thomas.....Stirlingbryan@gmail.com S F  
Ridgetown; Southwest Seeds Inc.....revonmartels@gmail.com C  
St. Thomas; Curtis, Robert S. & Daniel F. ....519-661-7271 S F R C  
Wheatley; Recker Seeds.....19walker77@gmail.com S R

### OAC CARSON☼

Chesley; McDonald, Jamie .....519-377-0548 F R

### OAC DRAYTON

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### OAC HASTINGS☼

Bowmanville; Rickard, Donald Hendry & Craig  
.....rickards68@rogers.com R  
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### OAC MARVEL

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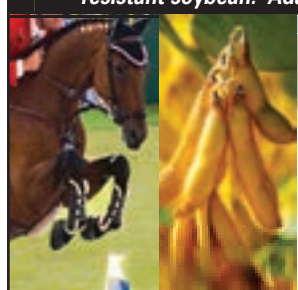
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### OAC STRIVE☼

|                                                         |                          |       |
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| Belgrave; Maitland Lane Farms.....                      | peter@ssltd.ca           | S F R |
| Chesley; McDonald, Jamie .....                          | 519-377-0548             | C     |
| Dublin; Russell T. Bolton & Sons .....                  | 519-525-6430             | F     |
| Lindsay; Midnight Acres .....                           | 705-878-8200             | C     |
| Lucknow; Snobelen, Mike & Sam.....                      | jeadie@snobelenfarms.com | S F R |
| Palmerston; Connell, Dale A., Mary Anne & James F. .... | info@connellseeds.ca     | C     |
| Ripley; Courtney Grain And Seed (2015) Ltd.....         | 519-395-2972             | S F R |
| St. Isidore; Bercier, Marc & Guillaume (On) .....       | info@marcbercier.com     | C     |
| Thornton; Alliance Agri-Turf.....                       | ians@agri-turf.ca        | R     |

### OAC UNION☼

|                                      |                         |     |
|--------------------------------------|-------------------------|-----|
| Morpeth; Stirling, Bryan Thomas..... | Stirlingbryan@gmail.com | S F |
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### OAC WALLACE

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|------------------------------------|--------------------------|---|
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### ORR R2X

|                                                 |                          |     |
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| Ripley; Courtney Grain And Seed (2015) Ltd..... | 519-395-2972             | S   |

### PARK E3

|                                   |                   |       |
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|-----------------------------------|-------------------|-------|

### PERRY E3

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|---------------------------------------|----------------|---|

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### RAMAGE XF

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|-------------------------------------------------|--------------------------|-----|
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| Ripley; Courtney Grain And Seed (2015) Ltd..... | 519-395-2972             | F   |
| Thornton; Alliance Agri-Turf.....               | ians@agri-turf.ca        | R C |

### RANGER R2X

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| Denfield; Kuebler, Ralph ..... | rkuebler@kueblerfarms.com | R |
|--------------------------------|---------------------------|---|

### RASK E3

|                               |                     |   |
|-------------------------------|---------------------|---|
| Parkhill; Willemse, Rick..... | rick@yellowgold.biz | F |
|-------------------------------|---------------------|---|

### REECE R2X

|                                       |                |     |
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|---------------------------------------|----------------|-----|

### S007-Z1X

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|------------------------------------|--------------------------|-----|
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|------------------------------------|--------------------------|-----|

### S008-N2

|                                 |                |     |
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|---------------------------------|----------------|-----|

### S01-C4X

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|------------------------------------|--------------------------|-----|

### S02-M4XF

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|                                 |                |       |  |
|---------------------------------|----------------|-------|--|
| <b>S03-W4</b>                   |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F R C |  |
| <b>S04-J6X</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F     |  |
| <b>S04-K9☉</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F R   |  |
| <b>S07-K5X</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F     |  |
| <b>S07-M8☉</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F R   |  |
| <b>S09-H7E3</b>                 |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F     |  |
| <b>S09-R8X</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F     |  |
| <b>S10-R2☉</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F     |  |
| <b>S10-W8XF</b>                 |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F     |  |
| <b>S12-J7☉</b>                  |                |       |  |
| Arva; Syngenta Canada Inc ..... | 1-877-964-3682 | F R   |  |

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SOYBEANS

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|                                                                            |                       |     |   |
|----------------------------------------------------------------------------|-----------------------|-----|---|
| <b>S12-M5X</b>                                                             |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F R |   |
| <b>S14-C7XF</b>                                                            |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S14-W6E3</b>                                                            |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S16-K2X</b>                                                             |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S19-Y5E3</b>                                                            |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F C |   |
| <b>S20-L8X</b>                                                             |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S21-C6☉</b>                                                             |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F R |   |
| <b>S22-A2E3</b>                                                            |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S22-J4X</b>                                                             |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S25-B6X</b>                                                             |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        |     | C |
| <b>S26-E3</b>                                                              |                       |     |   |
| Arva; Syngenta Canada Inc .....                                            | 1-877-964-3682        | F   |   |
| <b>S28-H4E3</b>                                                            |                       |     |   |
| Wheatley; Recker Seeds .....                                               | 19pwalker77@gmail.com | F   |   |
| <b>S29-R5X</b>                                                             |                       |     |   |
| Wheatley; Recker Seeds .....                                               | 19pwalker77@gmail.com | F   |   |
| <b>SAMSON E3</b>                                                           |                       |     |   |
| Thornton; Alliance Agri-Turf.....                                          | ians@agri-turf.ca     | S F |   |
| <b>SAVAGE R2X</b>                                                          |                       |     |   |
| Branchton; Szentimrey Seeds Ltd .....                                      | peter@ssltd.ca        | S F |   |
| <b>SAVARD E3</b>                                                           |                       |     |   |
| Parkhill; Willemse, Rick.....                                              | rick@yellowgold.biz   |     | R |
| <b>SEABROOK R2X</b>                                                        |                       |     |   |
| Lindsay; Midnight Acres .....                                              | 705-878-8200          |     | R |
| Thornton; Alliance Agri-Turf.....                                          | ians@agri-turf.ca     | S F |   |
| <b>SG2311</b>                                                              |                       |     |   |
| Jarvis; Landray Farm Inc.....                                              | 905-870-4002          | S   |   |
| <b>TRIQUET R2X</b>                                                         |                       |     |   |
| Branchton; Szentimrey Seeds Ltd .....                                      | peter@ssltd.ca        |     | C |
| Chesley; Mcdonald, Jamie .....                                             | 519-377-0548          |     | R |
| Cobden; Stone, Reuben & Keanan .....                                       | 613-646-9737          |     | R |
| <b>YOUNG R2X</b>                                                           |                       |     |   |
| New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On) ..... | 705-647-3129          |     | R |

# Pulses & Special Crops

Ontario Soybean and Canola Committee (OSACC) ceased running public performance and registration trials for canola in 2016. For more information go to the [GoCanola.ca](http://GoCanola.ca) website.

The Ontario Pulse Crop Committee (OPCC) is the recommending committee for dry edible beans in Ontario.

The Ontario Dry Bean Tests are public trials conducted annually. The purpose of these tests is to obtain agronomic, pest, disease, and quality information for use in supporting the registration of new dry bean varieties and in preparing an annual performance report of varieties in Ontario. For more information go to the [GoBeans.ca](http://GoBeans.ca) website.

Resistance Level Disease ratings:  
R = Resistant; MR = Moderately Resistant;  
I = Intermediate; MS = Moderately Susceptible;  
S = Susceptible; N/A = not available

☞ Indicates a variety that is protected by Plant Breeders Rights legislation that complies with UPOV 1978.

☞ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeders Rights legislation that complies with UPOV 1991. (<https://seeds-canada.ca>)



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"I like the info we get... and the fact that there are multiple updates through the day."



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# Ontario Performance Trial Data

## DRY BEANS — WHITE

### 2020-2022 Characteristics and Distributors

| Variety      | 100 Seed Weight(g) <sup>3</sup> | Disease Reaction <sup>1</sup> |    |                          |    |    |   | Common Blight | Harvestability <sup>4</sup>    | Distributor |
|--------------|---------------------------------|-------------------------------|----|--------------------------|----|----|---|---------------|--------------------------------|-------------|
|              |                                 | Bean Common Mosaic Virus      |    | Anthracnose <sup>2</sup> |    |    |   |               |                                |             |
|              |                                 | Race                          |    | Race                     |    |    |   |               |                                |             |
|              |                                 | 1                             | 15 | 17                       | 23 | 73 |   |               |                                |             |
| Bolt         | 24.3                            | R                             | R  | S                        | S  | R  | S | 1.8           | Hensall Co-op                  |             |
| Indi         | 20.3                            | R                             | S  | S                        | S  | S  | S | 1.5           | ADM Seedwest                   |             |
| AAC Shock    | 23.7                            | R                             | R  | S                        | S  | S  | R | 2.2           | Hensall Co-op                  |             |
| Blizzard     | 20.8                            | NA                            | NA | NA                       | NA | S  | S | 1.8           | ProVita, ADM Seedwest          |             |
| OAC Thunder  | 22.9                            | R                             | R  | S                        | S  | S  | S | 2.4           | SeCan                          |             |
| HMS Medalist | 21.0                            | R                             | S  | S                        | S  | S  | S | 2.1           | ADM Seedwest                   |             |
| Armada       | 23.8                            | NA                            | NA | NA                       | NA | S  | S | 1.8           | ADM Seedwest                   |             |
| T9905        | 23.7                            | R                             | R  | R                        | R  | S  | S | 2.3           | Treasure Valley, The Andersons |             |
| Lighthouse   | 22.1                            | R                             | R  | NA                       | R  | S  | R | 2.0           | R.T. Bolton                    |             |
| AAC Argosy   | 23.7                            | R                             | R  | S                        | S  | S  | R | 2.3           | Hensall Co-op                  |             |
| Nautica      | 20.2                            | R                             | R  | S                        | S  | S  | S | 2.0           | Hensall Co-op                  |             |
| Rogue        | 20.2                            | R                             | R  | NA                       | NA | R  | R | 3.4           | Hensall Co-op                  |             |
| Rexeter      | 21.1                            | R                             | S  | S                        | S  | S  | R | 2.7           | Hensall Co-op                  |             |

1 R = Resistant, S = Susceptible, NA = Not Available

2 Anthracnose ratings, the predominant race found now in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

3 To convert 100 seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb.

4 A variety's harvestability is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type or plants that are not erect, with poor bottom pod height.

### 2016-2020 Variety Performance Trial — Long Season Area

| Variety                             | Days to Maturity <sup>2</sup> | Yield (lbs/ac) <sup>1</sup>            |        |        |        |                        |        |        |        |      |                        |        |        |        |      |
|-------------------------------------|-------------------------------|----------------------------------------|--------|--------|--------|------------------------|--------|--------|--------|------|------------------------|--------|--------|--------|------|
|                                     |                               | Long Season All Locations <sup>4</sup> |        |        |        | St Thomas <sup>4</sup> |        |        |        |      | Woodstock <sup>4</sup> |        |        |        |      |
|                                     |                               | 5 Year                                 | 4 Year | 3 Year | 2 Year | 5 Year                 | 4 Year | 3 Year | 2 Year | 2020 | 5 Year                 | 4 Year | 3 Year | 2 Year | 2020 |
| Indi                                | 90                            | —                                      | —      | 3704   | 3524   | —                      | —      | 4221   | 4426   | 4770 | —                      | —      | 3188   | 2622   | 1790 |
| OAC Fusion                          | 90                            | 2820                                   | 2975   | 3037   | 2962   | 3162                   | 3200   | 3153   | 3497   | 4123 | 2478                   | 2750   | 2920   | 2426   | 2038 |
| Bolt                                | 90                            | 2842                                   | 3021   | 3171   | 2984   | 3105                   | 3180   | 3270   | 3440   | 3685 | 2580                   | 2862   | 3072   | 2528   | 2149 |
| AAC Shock                           | 90                            | 2901                                   | 3058   | 3215   | 3283   | 3161                   | 3195   | 3255   | 3589   | 3784 | 2641                   | 2921   | 3176   | 2977   | 2396 |
| HMS Medalist                        | 91                            | —                                      | —      | —      | 3566   | —                      | —      | —      | 4291   | 4443 | —                      | —      | —      | 2840   | 2256 |
| OAC Thunder                         | 91                            | 2707                                   | 2944   | 3038   | 3132   | 3187                   | 3389   | 3446   | 3971   | 3968 | 2228                   | 2499   | 2629   | 2292   | 1949 |
| OAC Charm                           | 92                            | —                                      | —      | 3674   | 3631   | —                      | —      | 3892   | 4243   | 4394 | —                      | —      | 3456   | 3019   | 2417 |
| SV1893GH0                           | 92                            | —                                      | —      | —      | —      | —                      | —      | —      | —      | 4280 | —                      | —      | —      | —      | 2000 |
| Lightning                           | 92                            | 2737                                   | 2897   | 3050   | 2960   | 2967                   | 3041   | 3102   | 3491   | 3424 | 2507                   | 2753   | 2999   | 2430   | 2249 |
| Armada                              | 92                            | —                                      | —      | 3844   | 3708   | —                      | —      | 4221   | 4362   | 4580 | —                      | —      | 3467   | 3054   | 2414 |
| OAC Marker                          | 93                            | —                                      | —      | 3421   | 3384   | —                      | —      | 3684   | 4048   | 4135 | —                      | —      | 3159   | 2721   | 2338 |
| Blizzard                            | 93                            | —                                      | —      | 3762   | 3673   | —                      | —      | 4269   | 4478   | 4648 | —                      | —      | 3255   | 2867   | 2392 |
| OAC Plasma                          | 94                            | 3213                                   | 3416   | 3538   | 3541   | 3456                   | 3553   | 3627   | 4057   | 4341 | 2971                   | 3278   | 3449   | 3025   | 2510 |
| Mist                                | 94                            | 3093                                   | 3293   | 3546   | 3466   | 3582                   | 3637   | 3921   | 4138   | 4438 | 2604                   | 2949   | 3172   | 2795   | 2157 |
| Lighthouse                          | 95                            | 3201                                   | 3407   | 3558   | 3426   | 3783                   | 3909   | 3981   | 4235   | 4464 | 2619                   | 2905   | 3136   | 2616   | 2091 |
| AAC Argosy                          | 95                            | 3264                                   | 3474   | 3581   | 3522   | 3736                   | 3875   | 3909   | 4121   | 4141 | 2792                   | 3072   | 3253   | 2923   | 2418 |
| Nautica                             | 95                            | 3171                                   | 3346   | 3370   | 3238   | 3683                   | 3799   | 3740   | 3962   | 3828 | 2659                   | 2893   | 3000   | 2515   | 1716 |
| T9905                               | 95                            | 3391                                   | 3601   | 3821   | 3545   | 3912                   | 4040   | 4326   | 4346   | 4547 | 2870                   | 3162   | 3316   | 2744   | 2256 |
| AC Apex                             | 95                            | 3206                                   | 3419   | 3495   | 3518   | 3603                   | 3699   | 3682   | 4166   | 4095 | 2808                   | 3140   | 3309   | 2871   | 2452 |
| OAC Equinox                         | 97                            | —                                      | —      | 3816   | 3711   | —                      | —      | 4181   | 4603   | 4803 | —                      | —      | 3451   | 2820   | 2274 |
| OAC Award                           | 97                            | —                                      | —      | 3688   | 3703   | —                      | —      | 3799   | 4233   | 4364 | —                      | —      | 3576   | 3172   | 2797 |
| Rogue                               | 97                            | 3304                                   | 3519   | 3610   | 3490   | 3574                   | 3667   | 3671   | 3890   | 3952 | 3035                   | 3371   | 3549   | 3091   | 2500 |
| Rexeter                             | 98                            | 3062                                   | 3234   | 3374   | 3247   | 3699                   | 3787   | 3912   | 4258   | 4380 | 2425                   | 2681   | 2837   | 2235   | 1880 |
| Average Yield (lbs/ac) <sup>1</sup> |                               | 3065                                   | 3257   | 3491   | 3419   | 3472                   | 3569   | 3774   | 4084   | 4243 | 2658                   | 2945   | 3208   | 2754   | 2236 |
| LSD (0.05) <sup>3</sup>             |                               | 153                                    | 173    | 203    | 213    | 254                    | 288    | 330    | 323    | 470  | 171                    | 194    | 234    | 278    | 348  |

1 To convert lbs/acre to t/ha divide by 893.

2 Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown.

3 Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

4 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

4 No sufficient data was generated in 2021 or 2022 for long season locations.

| Long Season Testing Locations |      |      |      |      |      |
|-------------------------------|------|------|------|------|------|
| St Thomas                     | 2020 | 2019 | 2018 | 2017 | 2016 |
| Woodstock                     | 2020 | 2019 | 2018 | 2017 | 2016 |

## DRY BEANS — WHITE (continued)

### 2018-2022 Variety Performance Trial — Short Season Area

| Variety                                   | Days to Maturity <sup>2</sup> | Yield (lbs/ac) <sup>1</sup> |        |        |        |        |        |        |      |
|-------------------------------------------|-------------------------------|-----------------------------|--------|--------|--------|--------|--------|--------|------|
|                                           |                               | Short Season All Locations  |        |        |        | Blyth  |        |        |      |
|                                           |                               | 5 Year                      | 4 Year | 3 Year | 2 Year | 4 Year | 3 Year | 2 Year | 2022 |
| Bolt                                      | 97                            | 2596                        | 2542   | 2515   | 2296   | 2917   | 2887   | 2737   | 2368 |
| Indi                                      | 97                            | 2996                        | 2951   | 2926   | 2771   | 3419   | 3477   | 3338   | 3154 |
| AAC Shock                                 | 98                            | 2898                        | 2859   | 2812   | 2686   | 3321   | 3247   | 3163   | 2738 |
| OAC Thunder                               | 99                            | 2847                        | 2799   | 2727   | 2491   | 3126   | 3139   | 3026   | 2755 |
| Blizzard                                  | 100                           | 3086                        | 3074   | 3065   | 2983   | 3273   | 3351   | 3356   | 3114 |
| HMS Medalist                              | 100                           | —                           | 3070   | 3048   | 2888   | 3458   | 3613   | 3512   | 3632 |
| Armada                                    | 100                           | 3173                        | 3119   | 3075   | 2952   | 3429   | 3511   | 3284   | 3292 |
| T9905                                     | 101                           | 2959                        | 2940   | 2904   | 2718   | 3127   | 3187   | 3146   | 2949 |
| Lighthouse                                | 102                           | 2975                        | 2918   | 2898   | 2737   | 3332   | 3404   | 3359   | 3316 |
| Nautica                                   | 103                           | 2771                        | 2736   | 2634   | 2579   | 2974   | 3010   | 3002   | 3181 |
| AAC Argosy                                | 103                           | 2934                        | 2870   | 2796   | 2630   | 3050   | 3028   | 3063   | 2617 |
| Rogue                                     | 104                           | 2992                        | 2946   | 2907   | 2763   | 3124   | 3135   | 3102   | 3032 |
| Rexeter                                   | 106                           | 2857                        | 2799   | 2707   | 2551   | 3156   | 3107   | 3035   | 3118 |
| <b>Average Yield (lbs/ac)<sup>1</sup></b> |                               | 2924                        | 2894   | 2847   | 2696   | 3208   | 3238   | 3163   | 3020 |
| <b>LSD (0.05)<sup>3</sup></b>             |                               | 86                          | 97     | 113    | 131    | 208    | 249    | 265    | 397  |

1 To convert lbs/acre to t/ha divide by 893.

2 Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

3 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

## DRY BEANS — COLOURED MINOR

### 2020-2022 Characteristics and Distributors

| Variety     | Market Class | 100 Seed Weight(g) <sup>3</sup> | Disease Reaction <sup>1</sup> |    |                          |    |    |   | Common Blight | Harvestability <sup>4</sup> | Distributor |
|-------------|--------------|---------------------------------|-------------------------------|----|--------------------------|----|----|---|---------------|-----------------------------|-------------|
|             |              |                                 | Bean Common                   |    |                          |    |    |   |               |                             |             |
|             |              |                                 | Mosaic Virus                  |    | Anthracnose <sup>2</sup> |    |    |   |               |                             |             |
|             |              |                                 | Race                          |    | Race                     |    |    |   |               |                             |             |
|             |              |                                 | 1                             | 15 | 17                       | 23 | 73 |   |               |                             |             |
| Windbreaker | Pinto        | 35.7                            | NA                            | NA | NA                       | NA | NA | S | 4.0           | Canterra Seeds              |             |
| Zenith      | Black        | 25.1                            | R                             | R  | NA                       | NA | R  | S | 1.7           | Hensall Co-op               |             |
| La Paz      | Pinto        | 39.4                            | R                             | NA | NA                       | NA | S  | S | 2.6           | Check                       |             |
| OAC Rosito  | Small Red    | 24.1                            | R                             | R  | NA                       | NA | S  | S | 1.9           | Hensall Co-op               |             |
| Viper       | Small Red    | 30.0                            | NA                            | NA | NA                       | NA | S  | S | 2.4           | ADM Seedwest                |             |
| Zorro       | Black        | 24.6                            | R                             | R  | R                        | R  | S  | S | 1.9           | Hensall Co-op               |             |
| Blackbeard  | Black        | 24.4                            | R                             | NA | NA                       | NA | NA | S | 1.6           | Western Harvest Bean        |             |
| Black Tails | Black        | 23.1                            | R                             | R  | NA                       | NA | NA | S | 1.9           | Western Harvest Bean        |             |
| OAC Vortex  | Black        | 24.0                            | R                             | R  | NA                       | NA | S  | R | 2.3           | Check                       |             |
| Spectre     | Black        | 25.3                            | R                             | R  | NA                       | NA | NA | S | 1.8           | Western Harvest Bean        |             |

1 R = Resistant, S = Susceptible, NA = Not Available

2 Anthracnose ratings, the predominant race found now in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

3 To convert 100 seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

4 A variety's harvestability is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type or plants that are not erect, with poor bottom pod height.

| Variety                                   | Days to Maturity <sup>2</sup> | Yield (lbs/ac) <sup>1</sup> |        |                  |        |      |               |        |                      |        |      |
|-------------------------------------------|-------------------------------|-----------------------------|--------|------------------|--------|------|---------------|--------|----------------------|--------|------|
|                                           |                               | 5 Year                      | 4 Year | Exeter<br>3 Year | 2 Year | 2022 | Elora<br>2022 | 4 Year | Winchester<br>3 Year | 2 Year | 2022 |
| Bolt                                      | 97                            | 2525                        | 2362   | 2329             | 2059   | 1725 | 936           | 2960   | 2961                 | 2771   | 2512 |
| Indi                                      | 97                            | 3040                        | 2855   | 2754             | 2560   | 2020 | 1060          | 3379   | 3400                 | 3272   | 2881 |
| AAC Shock                                 | 98                            | 2879                        | 2732   | 2709             | 2502   | 2060 | 882           | 3232   | 3203                 | 3294   | 2982 |
| OAC Thunder                               | 99                            | 2793                        | 2662   | 2666             | 2309   | 1987 | 1126          | 3247   | 3027                 | 2819   | 2436 |
| Blizzard                                  | 100                           | 3071                        | 2980   | 2907             | 2713   | 2253 | 1787          | 3545   | 3539                 | 3478   | 3313 |
| HMS Medalist                              | 100                           | —                           | 2788   | 2697             | 2478   | 2190 | 1654          | 3482   | 3443                 | 3290   | 2946 |
| Armada                                    | 100                           | 3032                        | 2822   | 2681             | 2482   | 2360 | 1738          | 3651   | 3642                 | 3697   | 3593 |
| T9905                                     | 101                           | 2888                        | 2788   | 2698             | 2405   | 2025 | 1182          | 3521   | 3542                 | 3373   | 2916 |
| Lighthouse                                | 102                           | 2909                        | 2733   | 2663             | 2464   | 2040 | 1417          | 3236   | 3197                 | 3047   | 2704 |
| Nautica                                   | 103                           | 2779                        | 2686   | 2601             | 2399   | 2110 | 1253          | 3173   | 2988                 | 3001   | 2913 |
| AAC Argosy                                | 103                           | 2974                        | 2815   | 2759             | 2434   | 2069 | 1270          | 3337   | 3261                 | 3073   | 2593 |
| Rogue                                     | 104                           | 3017                        | 2922   | 2816             | 2484   | 2094 | 1305          | 3369   | 3448                 | 3431   | 3201 |
| Rexeter                                   | 106                           | 2975                        | 2847   | 2710             | 2511   | 2319 | 1012          | 3113   | 3024                 | 2876   | 2443 |
| <b>Average Yield (lbs/ac)<sup>1</sup></b> |                               | 2907                        | 2769   | 2692             | 2446   | 2096 | 1279          | 3327   | 3283                 | 3186   | 2879 |
| <b>LSD (0.05)<sup>3</sup></b>             |                               | 166                         | 188    | 234              | 260    | 375  | 277           | 217    | 239                  | 301    | 494  |

**Short Season Testing Locations**

|            |      |      |      |      |      |
|------------|------|------|------|------|------|
| Blyth      | 2022 | 2021 | 2020 | 2019 | —    |
| Exeter     | 2022 | 2021 | 2020 | 2019 | 2018 |
| Elora      | 2022 | —    | 2020 | 2019 | 2018 |
| Winchester | 2022 | 2021 | 2020 | 2019 | —    |

**2018-2022 Variety Performance Trial**

| Variety                                   | Market Class | Days to Maturity <sup>2</sup> | Yield (lbs/ac) <sup>1</sup> |        |        |        |        |        |        |        |            |        |        |        |        |      |
|-------------------------------------------|--------------|-------------------------------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|------------|--------|--------|--------|--------|------|
|                                           |              |                               | All Locations               |        |        |        | Exeter |        |        |        | Winchester |        |        |        |        |      |
|                                           |              |                               | 5 Year                      | 4 Year | 3 Year | 2 Year | 5 Year | 4 Year | 3 Year | 2 Year | 2022       | 5 Year | 4 Year | 3 Year | 2 Year | 2022 |
| Windbreaker                               | Pinto        | 92                            | —                           | —      | —      | 2721   | —      | —      | —      | 1987   | 1672       | —      | —      | —      | 3377   | 2646 |
| Zenith                                    | Black        | 95                            | 3496                        | 3541   | 3506   | 3336   | 3112   | 3023   | 2971   | 2659   | 2089       | 3533   | 3696   | 3614   | 3910   | 2894 |
| La Paz                                    | Pinto        | 95                            | 3461                        | 3525   | 3471   | 3430   | 3079   | 3104   | 2904   | 2814   | 2650       | 3950   | 4004   | 4089   | 4335   | 3844 |
| OAC Rosito                                | Small Red    | 96                            | 3143                        | 3205   | 2988   | 2848   | 2706   | 2492   | 2290   | 2130   | 1889       | 3273   | 3577   | 3308   | 3493   | 2908 |
| Viper                                     | Small Red    | 96                            | 3646                        | 3666   | 3579   | 3422   | 3283   | 3191   | 2990   | 2672   | 2206       | 3780   | 3911   | 3877   | 4089   | 3610 |
| Zorro                                     | Black        | 96                            | 3434                        | 3485   | 3339   | 3138   | 3128   | 3032   | 2906   | 2697   | 2451       | 3465   | 3653   | 3426   | 3470   | 2597 |
| Blackbeard                                | Black        | 97                            | 3530                        | 3547   | 3487   | 3517   | 3291   | 3140   | 3042   | 2807   | 2278       | 3620   | 3689   | 3622   | 4014   | 3628 |
| Black Tails                               | Black        | 97                            | —                           | 3549   | 3469   | 3344   | —      | 3061   | 2930   | 2715   | 2525       | —      | 3891   | 3700   | 3802   | 3338 |
| OAC Vortex                                | Black        | 97                            | 3597                        | 3607   | 3592   | 3577   | 3184   | 3076   | 3051   | 2743   | 2198       | 3786   | 3892   | 3712   | 3956   | 3198 |
| Spectre                                   | Black        | 101                           | 3613                        | 3575   | 3525   | 3305   | 3309   | 3121   | 3011   | 2774   | 2667       | 3590   | 3717   | 3685   | 3774   | 3181 |
| <b>Average Yield (lbs/ac)<sup>1</sup></b> |              |                               | 3490                        | 3522   | 3440   | 3264   | 3137   | 3027   | 2899   | 2600   | 2263       | 3625   | 3781   | 3670   | 3822   | 3184 |
| <b>LSD (0.05)<sup>3</sup></b>             |              |                               | 134                         | 133    | 158    | 171    | 196    | 222    | 267    | 265    | 409        | 218    | 205    | 243    | 290    | 386  |

1 To convert lbs/acre to t/ha divide by 893.

2 Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

3 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

**Testing Locations**

|            |      |      |      |      |      |
|------------|------|------|------|------|------|
| St Thomas  | —    | 2021 | 2020 | 2019 | 2018 |
| Exeter     | 2022 | 2021 | 2020 | 2019 | 2018 |
| Winchester | 2022 | 2021 | 2020 | 2019 | 2018 |

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| Variety                       | Market Class     | Days to Maturity <sup>2</sup> | 100 Seed Weight (g) <sup>3</sup> | Yield (lbs/ac) <sup>1</sup> |        |        |        |      | Woodstock |        |        |        |      |
|-------------------------------|------------------|-------------------------------|----------------------------------|-----------------------------|--------|--------|--------|------|-----------|--------|--------|--------|------|
|                               |                  |                               |                                  | St Thomas                   |        |        |        |      |           |        |        |        |      |
|                               |                  |                               |                                  | 5 Year                      | 4 Year | 3 Year | 2 Year | 2022 | 5 Year    | 4 Year | 3 Year | 2 Year | 2022 |
| Etna                          | Cranberry        | 80                            | 59                               | 2240                        | 1904   | 1766   | 1630   | 1824 | 2281      | 1918   | 1729   | 1798   | 1690 |
| Amaranto                      | Cranberry        | 82                            | 60                               | —                           | —      | —      | —      | 1953 | —         | —      | —      | —      | 2230 |
| OAC Navabi                    | Cranberry        | 82                            | 61                               | 2727                        | 2566   | 2437   | 2097   | 2147 | 2253      | 1957   | 1890   | 2008   | 1865 |
| Vero                          | Cranberry        | 83                            | 60                               | 1938                        | 1740   | 1695   | 1392   | 1655 | 2130      | 1846   | 1673   | 1658   | 1904 |
| Red Rider                     | Cranberry        | 88                            | 60                               | 2482                        | 2295   | 2174   | 1779   | 1716 | 2713      | 2385   | 2330   | 2453   | 2895 |
| Average (lbs/ac)              |                  |                               |                                  | 2347                        | 2126   | 2018   | 1724   | 1859 | 2344      | 2027   | 1906   | 1979   | 2117 |
| Red Hawk                      | Dark Red Kidney  | 85                            | 53                               | 2037                        | 1857   | 1868   | 1389   | 1641 | 1991      | 1746   | 1702   | 1716   | 1864 |
| Rampart                       | Dark Red Kidney  | 86                            | 52                               | —                           | —      | 1870   | 1606   | 1709 | —         | —      | 1733   | 1824   | 1963 |
| Gallantry                     | Dark Red Kidney  | 87                            | 57                               | 2614                        | 2451   | 2399   | 1986   | 2028 | 2609      | 2359   | 2297   | 2433   | 2373 |
| Epic                          | Dark Red Kidney  | 87                            | 60                               | —                           | —      | 2062   | 1761   | 1712 | —         | —      | 1685   | 1821   | 1773 |
| Dynasty                       | Dark Red Kidney  | 88                            | 61                               | 2450                        | 2296   | 2230   | 1827   | 1723 | 2711      | 2401   | 2288   | 2393   | 2661 |
| Average (lbs/ac)              |                  |                               |                                  | 2367                        | 2201   | 2086   | 1714   | 1763 | 2437      | 2169   | 1941   | 2037   | 2127 |
| Red Dawn                      | Light Red Kidney | 77                            | 60                               | —                           | —      | 1450   | 1144   | 1095 | —         | —      | 1410   | 1460   | 1563 |
| Big Red                       | Light Red Kidney | 82                            | 60                               | 2328                        | 1942   | 1676   | 1443   | 1524 | 2278      | 1999   | 1802   | 1788   | 1676 |
| Pink Panther                  | Light Red Kidney | 83                            | 63                               | 2054                        | 1827   | 1789   | 1863   | 2205 | 2300      | 1981   | 1860   | 2148   | 2284 |
| OAC Firebrand                 | Light Red Kidney | 90                            | 54                               | 2676                        | 2524   | 2585   | 2418   | 1998 | 2641      | 2329   | 2228   | 2242   | 2290 |
| OAC Inferno                   | Light Red Kidney | 92                            | 61                               | 2641                        | 2391   | 2302   | 1854   | 1224 | 2704      | 2360   | 2363   | 2388   | 2460 |
| Average (lbs/ac)              |                  |                               |                                  | 2425                        | 2171   | 1960   | 1745   | 1609 | 2480      | 2167   | 1933   | 2005   | 2055 |
| Yeti                          | White Kidney     | 90                            | 55                               | 2393                        | 2314   | 2343   | 1814   | 1823 | 2453      | 2024   | 1913   | 1933   | 2083 |
| Average (lbs/ac) <sup>1</sup> |                  |                               |                                  | 2393                        | 2314   | 2343   | 1814   | 1823 | 2453      | 2024   | 1913   | 1933   | 2083 |
| LSD (0.05) <sup>4</sup>       |                  |                               |                                  | 227                         | 230    | 256    | 290    | 415  | 205       | 210    | 249    | 333    | 539  |

| Testing Locations |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| St Thomas         | 2022 | 2021 | 2020 | 2019 | 2018 |
| Exeter            | —    | 2021 | 2020 | 2019 | 2018 |
| Elora             | 2022 | —    | 2020 | 2019 | 2018 |
| Woodstock         | 2022 | 2021 | 2020 | 2019 | 2018 |

## FIELD NOTES

## DISTRIBUTOR CONTACTS — Dry Beans

|                                       |                      |                                |                |
|---------------------------------------|----------------------|--------------------------------|----------------|
| ADM Seedwest.....                     | 1-800-637-5843 x4707 | Plovgh, Inc.....               | 1-877-567-1678 |
| Canterra Seeds .....                  | 1-877-439-7333       | ProVita Inc.....               | 1-208-463-7624 |
| Crooked Creek Acres .....             | 1-519-247-3530       | R.T. Bolton and Sons.....      | 1-519-525-6430 |
| Elliott Grain Ltd.....                | 1-519-461-1545       | SeCan Association .....        | 1-613-592-8600 |
| Ferguson Bros. of St. Thomas Ltd..... | 1-519-631-3463       | The Andersons Canada Ltd. .... | 1-519-676-5411 |
| Hensall Co-op.....                    | 1-800-265-5190       | Treasure Valley Seed Co. ....  | tvseed.com     |
| Jefferies Seeds.....                  | 1-204-827-2102       | Western Harvest Bean .....     | 1-204-515-7331 |
| Meridian Seeds .....                  | 1-866-282-SEED       |                                |                |

## Growers List



### FIELD BEANS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991; "\*" listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

#### LIGHTHOUSE

Dublin; Russell T. Bolton & Sons .....519-525-6430 S F

### INDUSTRIAL HEMP

#### ALTAIR☼

Cobden; Reuben Stone .....markl@uniseeds.ca C

#### ANKA

Cobden; Reuben Stone .....markl@uniseeds.ca C

#### MARTHA

Stirling; Baker, John D. (On) .....613-403-0742 R  
Stirling; Bouma, Adam.....613-847-6438 R

### MILLET

#### CGPMH90

Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.  
.....aercom.dangi@gmail.com C

### SORGHUM

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991; "\*" listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

#### CFSH-30

Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.  
..... aercom.dangi@gmail.com C

#### CGSH-28

Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.  
..... aercom.dangi@gmail.com C

#### CHMSH-35

Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.  
..... aercom.dangi@gmail.com C

#### CSSH-45

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# Forage Crops

Independent variety performance trial data is no longer collected or evaluated. We encourage forage producers to work with a reputable seed supplier, plant Certified seed and to follow recommended seeding rates.

PHOTO: OREST LYZHECHKA/ISTOCK/GETTYIMAGES

## FORAGE MIXTURES FOR STORED FEED AND PASTURE

### Mixture: Seeding Rate<sup>1</sup>

**LEGEND:** S = suggested  
— not suggested

### Best Suited for

**Stored Feed**    **Managed Pasture**    **Intensively Pastured**

### Specific Guidelines

|                                                                                                  |   |   |   |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------|---|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alfalfa (14 kg/ha)                                                                               | S | — | — | Only on well-drained fields. Easier to cure as silage than as hay. Harvest at proper stage for high nutrient-quality feed.                                                                                                                              |
| Alfalfa (13 kg/ha)<br>+ timothy (1 kg/ha)                                                        | S | — | — | Increase timothy up to 4 kg/ha for higher grass content and easier curing. Timothy gives stand insurance in areas prone to alfalfa winterkill. For higher nutrient-quality feed, harvest timothy at boot stage.                                         |
| Alfalfa (11 kg/ha)<br>+ brome grass (9 kg/ha)                                                    | S | — | — | Retains quality with increasing maturity better than orchardgrass or timothy mixtures. Brome grass can thicken stand over time because of its rhizomes but does not have good persistence under aggressive cutting schedules.                           |
| Alfalfa (11 kg/ha)<br>+ orchardgrass (2 kg/ha)                                                   | S | — | S | Better midsummer production than timothy mixture. Select late orchardgrass and early alfalfa varieties. Graze or cut early to maintain quality and palatability. Percentage grass will be higher in all cuts than with timothy or brome grass mixtures. |
| Alfalfa (11 kg/ha)<br>+ timothy (4 kg/ha)<br>+ brome grass (9 kg/ha)<br>+ white clover (2 kg/ha) | S | — | S | Suitable for hay/pasture combinations.                                                                                                                                                                                                                  |
| Birdsfoot trefoil (9 kg/ha)<br>+ timothy (2 kg/ha)                                               | S | S | — | Use later-maturing timothy varieties.                                                                                                                                                                                                                   |
| Birdsfoot trefoil (9 kg/ha)<br>+ brome grass (4 kg/ha)                                           | S | S | — | For long-term stands and early production. Graze early to reduce competition from brome grass. Good brome growth in fall.                                                                                                                               |
| Birdsfoot trefoil (8 kg/ha)<br>+ orchardgrass (4 kg/ha)                                          | — | — | S | Good early and mid-season production. Graze down orchardgrass to reduce competition with birdsfoot trefoil. Later-maturing orchardgrass varieties are preferred.                                                                                        |
| Birdsfoot trefoil (9 kg/ha)<br>+ tall fescue <sup>2</sup> (10 kg/ha)                             | S | S | S | Good early and mid-season production. Graze down orchardgrass to reduce competition with birdsfoot trefoil. Later-maturing orchardgrass varieties are preferred.                                                                                        |
| Birdsfoot trefoil (9 kg/ha)<br>+ creeping red fescue (6 kg/ha)                                   | — | S | — | Good summer and fall production. Excellent quality in fall.                                                                                                                                                                                             |
| Red clover (11 kg/ha)                                                                            | S | — | — | Short-term haylage production or plowdown crops                                                                                                                                                                                                         |
| Red clover (7 kg/ha)<br>+ timothy (6 kg/ha))                                                     | S | — | — | Short-term haylage production. When clover disappears, plow or fertilize with nitrogen to maintain production.                                                                                                                                          |
| White clover (2 kg/ha)<br>+ orchardgrass (9 kg/ha)                                               | — | — | S | For pasture use where white clover is adapted. High fertility, adequate moisture and good grazing management required for top production. In dry areas, add alfalfa.                                                                                    |

100 kg/ha = 90/acre

<sup>1</sup> Under excellent conditions. For early seeding on a fine, firm seedbed, these rates may be reduced except where coated seed is used.

<sup>2</sup> Use endophyte-free seed.

Source: OMAFRA Publication 811

## GUIDELINES FOR SEEDING RATES FOR LEGUME AND PURE GRASS STANDS

LEGEND: N/A = not available

| Species                               | Seeding Rate                 | Number of Seeds                         |
|---------------------------------------|------------------------------|-----------------------------------------|
| <b>Legume Species</b>                 |                              |                                         |
| Alfalfa                               | 13 kg/ha (12 lb/acre)        | 440,000 seeds/kg (200,000 seeds/lb)     |
| Red clover                            | 11 kg/ha (10 lb/acre)        | 605,000 seeds/kg (274,000 seeds/lb)     |
| White clover                          | N/A                          | 1,760,000 seeds/kg (798,000 seeds/lb)   |
| Birdsfoot trefoil                     | 9 kg/ha (8 lb/acre)          | 935,000 seeds/kg (424,000 seeds/lb)     |
| Sweet clover                          | 8-10 kg/ha (7-9 lb/acre)     | 572,000 seeds/kg (259,000 seeds/lb)     |
| Alsike                                | N/A                          | 1,540,000 seeds/kg (699,000 seeds/lb)   |
| <b>Pure Grass Species<sup>1</sup></b> |                              |                                         |
| Timothy                               | 8-10 kg/ha (7-9 lb/acre)     | 2,706,000 seeds/kg (1,227,000 seeds/lb) |
| Orchardgrass                          | 8-10 kg/ha (7-9 lb/acre)     | 1,439,000 seeds/kg (653,000 seeds/lb)   |
| Brome grass                           | 10-14 kg/ha (9-12.5 lb/acre) | 300,000 seeds/kg (136,000 seeds/lb)     |
| Meadow & tall fescue                  | 9-11 kg/ha (8-10 lb/acre)    | 506,000 seeds/kg (230,000 seeds/lb)     |
| Meadow fescue <sup>2</sup>            | 10-12 kg/ha (9-11 lb/acre)   | 506,000 seeds/kg (230,000 seeds/lb)     |
| Perennial ryegrass                    | 10-15 kg/ha (9-13.5 lb/acre) | 500,000 seeds/kg (227,000 seeds/lb)     |
| Reed canarygrass                      | 10-12 kg/ha (9-13.5 lb/acre) | 1,173,000 seeds/kg (532,000 seeds/lb)   |
| Bluegrass                             | N/A                          | 4,790,000 seeds/kg (2,173,000 seeds/lb) |

<sup>1</sup> For early seeding on a fine, firm seedbed, these rates may be reduced by 25%, except where coated seed is being used

<sup>2</sup> Use coated seed. Seed through the grain seed box.

Source: OMAFRA Publication 811



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- Each trial has 4 randomized replications of all varieties
- Each trial runs for three production years

### TESTING

- DLF head-to-head comparison trials test current products against competitor check and experimental varieties
- This rigorous testing gives an ability to identify varieties with:
  - Improved disease resistance
  - Superior yield
  - Improved winterhardiness
  - Faster regrowth
  - High forage quality



▲ Trial showing comparison featuring Eclipse alfalfa re-growth - Lindsay ON

DLF's custom RCI Engineering 36A forage harvester harvests legume trials 3-4 times and grass trials 2-3 times per season ▼



| Company       | Species                      | Variety              | Yield Index | Trial% LSD  | Trial CV   | Total Cuts | Station Years |
|---------------|------------------------------|----------------------|-------------|-------------|------------|------------|---------------|
| <b>DLF</b>    | <b>Alfalfa</b>               | <b>Eclipse</b>       | <b>103%</b> | <b>0.51</b> | <b>8.5</b> | <b>28</b>  | <b>7</b>      |
| Pioneer       | Alfalfa                      | 55Q29                | 100%        | 0.51        | 8.5        | 28         | 7             |
| Quality Seeds | Alfalfa                      | Boost HG             | 98%         | 0.51        | 8.5        | 28         | 7             |
| Quality Seeds | Alfalfa                      | AAC Trueman          | 90%         | 0.51        | 8.5        | 28         | 7             |
| <b>DLF</b>    | <b>HARVXTRA<sup>TM</sup></b> | <b>Triumph HVXRR</b> | <b>103%</b> | <b>0.71</b> | <b>8.7</b> | <b>10</b>  | <b>3</b>      |
| Pioneer       | HARVXTRA <sup>TM</sup>       | 54HVX41              | 100%        | 0.71        | 8.7        | 10         | 3             |
| <b>DLF</b>    | <b>Orchardgrass</b>          | <b>Captur</b>        | <b>106%</b> | <b>0.48</b> | <b>9.1</b> | <b>8</b>   | <b>3</b>      |
| Quality Seeds | Orchardgrass                 | Dividend VL          | 100%        | 0.48        | 9.1        | 8          | 3             |

Advertorial. Data provided by DLF.

### DLF PRODUCT SELECTION TOOL

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# NEW PUBLICATION 30 — GUIDE TO FORAGE PRODUCTION

**By Christine O'Reilly**

*Forage and Grazing Specialist, OMAFRA*

**F**orages form the foundation of ruminant and equine diets. These animals require a minimum amount of forage in their diets to remain healthy and productive. Forage is not one plant species — it's the purpose of the crop. Many species can be grown as forage. Some of these are only cultivated for forage, while others are also used in grain and oilseed production in Ontario.

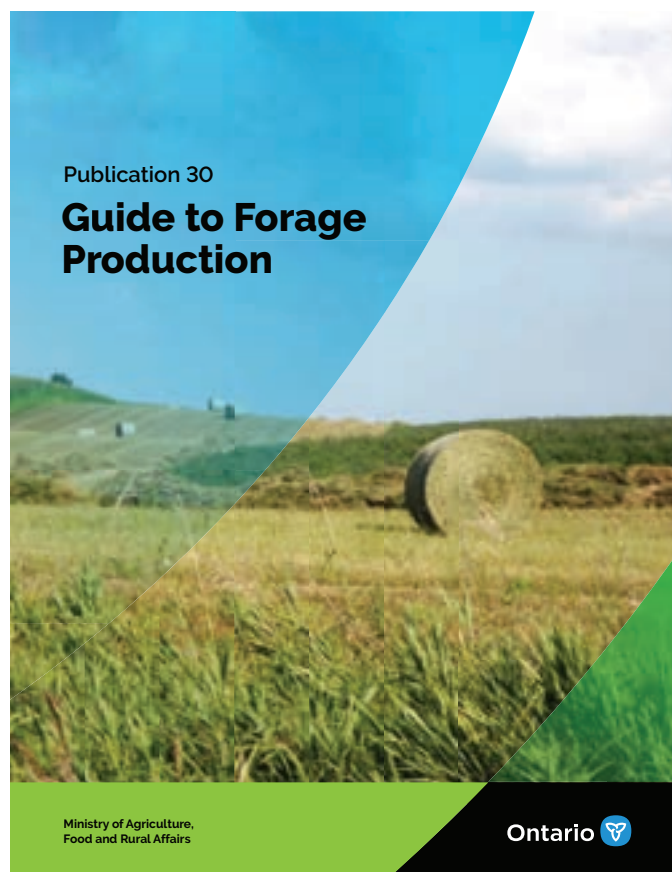
Forage production differs from grain and oilseed production in that the crop is not grown to physiological maturity. This difference often influences agronomy and other management decisions, which in turn affect yield and quality.

High-quality forages can find a buyer in local, regional or international markets.

In addition to their role as a critical feed ingredient and saleable crop, forages also provide valuable environmental goods and services. Grasslands and flowering forage crops provide habitat and food sources to wildlife, which promotes biodiversity in the landscape. Below ground, perennial root systems improve soil health and sequester atmospheric carbon into the soil.

The focus of the Guide to Forage Production is twofold: forage crop agronomy, and the preservation and storage of mechanically harvested forage crops. For more information on grazing and pasture management, refer to OMAFRA Publication 19, Pasture Production.

Publication 30: Guide to Forage Production contains information on establishment, fertility, weed management and weather stress for many species grown as forage in Ontario. It also covers harvest and storage of forage crops and understanding a laboratory forage analysis. Such a complete package of information makes this a must-have publication for Ontario livestock and field crop producers alike.



To obtain a digital copy of Guide to Forage Production visit [ontario.ca](http://ontario.ca) and search for the publication number and title.

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# Additional Resources

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# Additional Resources

## Agricorp

Jason Verkaik, Chair ..... www.agricorp.com  
Doug LaRose, CEO ..... 1-888-247-4999

## Agricultural Adaptation Council

Doug Alexander, Chair ..... www.adaptcouncil.org  
Melanie DiReto, Executive Director ..... 519-822-7554

## Christian Farmers Federation of Ontario

Ed Scharringa, President ..... www.christianfarmers.org  
Tom Tavani, General Manager ..... 1-855-800-0306

## Farm and Food Care Ontario

Bonnie den Haan, Chair ..... www.farmfoodcareon.org  
Kelly Daynard, Executive Director ..... 519-837-1326

## Grain Farmers of Ontario

Brendan Byrne, Chair ..... www.gfo.ca  
Crosby Devitt, CEO ..... 1-800-265-0550

## National Farmers Union / Ontario

Max Hansgen, President ..... www.nfuontario.ca  
Krista Long, Executive Director ..... 1-888-832-9638

## Ontario Agri Business Association

Claude Gauthier, President ..... www.oaba.on.ca  
Russel Hurst, Executive Director ..... 519-822-3004

## Ontario Bean Growers

Dave Woods, Chair ..... www.ontariobbeans.on.ca  
Ryan Koeslag, Executive Director ..... 519-510-8556

## Ontario Canola Growers Association

Will Runnalls, President ..... www.ontariocanolagrowers.ca  
Ryan Koeslag, Executive Director ..... 519-510-2257

## Ontario Federation of Agriculture

Peggy Brekveld, President ..... www.ofa.on.ca  
Cathy Lennon, General Manager ..... 1-800-668-3276

## Ontario Forage Council

Terry Nuhn, President ..... www.ontarioforagecouncil.com  
Ray Robertson, Manager ..... 1-877-892-8663

## Ontario Seed Growers' Association

Andrew Dawson, President ..... www.seedontario.ca  
Colleen Acres, Manager ..... 613-826-2330

## Canadian Seed Growers' Association

Dale Connel, President ..... www.seedgrowers.ca  
Doug Miller, Executive Director ..... 613-236-0497

## Seeds Canada

Ellen Sperry, President ..... www.seeds-canada.ca  
Barry Senft, Executive Director ..... 613-236-6451

## Ontario Soil and Crop Improvement Association

Warren Schneckenburger, President ..... www.ontariosoilcrop.org  
Andrew Graham, Executive Director ..... 1-800-265-9751

## Ontario Ministry of Agriculture and Rural Affairs

Ag Information Contact Centre ..... www.omafr.gov.on.ca  
GENERAL ..... 1-877-424-1300

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### Soybean Specialist

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EMAIL ..... anne.verhallen@ontario.ca

## University of Guelph – Office of Research

Field Crop Research Facilities ..... 519-824-4120  
Website ..... www.uoguelph.ca/research/  
Elora ..... dkells@uoguelph.ca  
Emo ..... kbliss@uoguelph.ca  
Huron ..... brett.shepherd@uoguelph.ca  
New Liskeard ..... hbyker@uoguelph.ca  
Ridgetown ..... brett.shepherd@uoguelph.ca  
Winchester ..... hbyker@uoguelph.ca  
Woodstock ..... ostoffyn@uoguelph.ca

## Registered Seed Merchants

|                                                            |              |
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| Ailsa Craig; Beechwood Agri Services Inc.                  | 519-294-0474 |
| Alberton; General Seed Company                             | 905-648-2101 |
| Almonte; Cochran Seeds Almonte                             | 613-256-1029 |
| Alvinston; MacKellar Farms                                 | 519-844-2249 |
| Alvinston; McRae Seeds                                     | 519-844-2884 |
| Alvinston; Wanstead Farmers Cooperative Co. Ltd.           | 519-898-2861 |
| Arva; Robson Brothers                                      | 519-666-1204 |
| Aylmer; Choice Seeds Inc.                                  | 519-765-1317 |
| Ayr; FS PARTNERS                                           | 519-632-7900 |
| Bath; Miller Seed Farm                                     | 613-483-9423 |
| Belmont; Belmont Farm Supply                               | 519-644-1650 |
| Blenheim; C&L Seed Production Group Inc.                   | 800-449-3990 |
| Blenheim; Country Farm Seeds Ltd.                          | 519-676-8672 |
| Blenheim; Maizex Seeds Inc.                                | 877-682-1720 |
| Bloomfield; Beatty Seeds Ltd.                              | 613-393-2333 |
| Blyth; Millstone Crop Services Ltd.                        | 519-523-9624 |
| Branchton; Szentimrey Seeds Ltd.                           | 519-620-1100 |
| Brantford; Bow Park Farm                                   | 519-759-7075 |
| Brigden; Agri Co-operative Ltd.                            | 519-864-1011 |
| Brodhagen; Hoegy's Farm Supply Ltd.                        | 519-345-2941 |
| Brussels; Brussels Agromart Ltd.                           | 519-887-6273 |
| Caledon; Evergreen Seed Co.Ltd.                            | 905-857-5721 |
| Campbellford; Campbellford Farm Supply Ltd.                | 705-653-4884 |
| Canfield; Hedley Seeds Ltd.                                | 905-774-7855 |
| Chatham; AgReliant Genetics Inc.                           | 519-354-3210 |
| Chatham; E&E McLaughlin Ltd / 1803299 Ontario Inc RDC WCH4 | 519-808-1118 |
| Chatham; Pioneer Hi-Bred Production Company - Chatham      | 519-352-6350 |
| Chatham; Southwest Agromart Ltd.                           | 519-352-2651 |
| Chepstow; Lang Farms Ltd.                                  | 519-881-1114 |
| Chesley; Rose Valley Farms                                 | 519-377-0548 |
| Clinton; Huron Commodities Inc.                            | 519-482-8400 |
| Cobden; Valley Bio Ltd.                                    | 613-646-9737 |
| Cottam; Agri Co-op                                         | 519-839-4861 |
| Cottam; Settrington's Fertilizer Service Limited           | 519-776-7041 |
| Courtland; Horizon Seeds Canada Inc.                       | 519-842-5538 |
| Demorestville; Wager Farms Ltd.                            | 613-921-9557 |
| Douglas; Barclay Dick & Son Farm Supply Ltd.               | 613-649-2620 |
| Dover Centre; Devolder Farms Inc.                          | 519-352-8799 |
| Dresden; Dennis Jackson Seed Service Ltd.                  | 519-683-4413 |
| Dresden; LG Dunlop Farms Ltd.                              | 519-683-2858 |
| Drumbo; Rodger Seeds                                       | 519-632-7500 |
| Dublin; Bolton, R.T. & Son                                 | 519-527-0455 |
| Dundas; William Dam Seeds                                  | 905-628-6641 |
| Duntroon; 2095741 Ontario Inc./LifeFood Nutritionals       | 705-445-4706 |
| Dutton; Agri Co-op                                         | 519-762-2836 |
| Elmvale; FS Partners                                       | 705-322-5900 |
| Emo; Purity Seeds Limited                                  | 807-482-2420 |
| Exeter; Ondrejicka Elevators Limited                       | 519-235-2218 |
| Florence; Elliott Shetland Farms Ltd                       | 519-358-3605 |
| Forest; Lakeside Grain & Feed Limited                      | 519-786-2106 |
| Goodwood; Richters Herbs                                   | 905-640-6677 |
| Guelph; Syngenta Canada, Inc.                              | 519-837-5885 |
| Guelph; Woodrill Ltd.                                      | 519-821-1018 |
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| Harriston; Speare Seeds                                    | 519-338-3840 |
| Hensall; Hensall District Co-operative Inc.                | 519-262-3002 |
| Hensall; The Andersons Canada Limited                      | 519-262-2527 |
| Hickson; Oxford AgroPro Ltd.                               | 519-462-2721 |
| Inkerman; Savita International                             | 613-989-9953 |
| Innisfil; Clifton Seed Company                             | 416-888-6169 |
| Jarvis; Landray Farm Inc.                                  | 289-975-9074 |
| Kitchener; Ontario Seed Company Ltd.                       | 519-886-0557 |

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| Kleinburg; Ball Superior                                               | 905-893-7101       |
| Lancaster; Munro Agromart Ltd.                                         | 613-347-3063       |
| Leamington; Enza Zaden Canada Inc.                                     | 519-613-8022       |
| Leamington; Plant Products Inc.                                        | 519-326-9037       |
| Lindsay; Bonis & Company Ltd.                                          | 705-324-0544       |
| Lindsay; DLF Canada Inc.                                               | 705-878-9240       |
| Lindsay; Midnight Acres Inc.                                           | 705-878-8200       |
| Lindsay; Thursthill Farms Inc.                                         | 705-341-7140       |
| London; E&E McLaughlin RDC WCH8                                        | 519-668-6715       |
| Lucknow; Snobelen Farms Ltd.                                           | 519-528-2092       |
| Maidstone; Santo Farms Seed Company                                    | 519-791-4564       |
| Mitchell; FS Partners                                                  | 519-348-9043       |
| Mitchell; The Andersons Canada Limited                                 | 519-262-2527       |
| Mt. Elgin; ProRich Seeds (2016) Inc.                                   | 519-485-3447       |
| New Hamburg; Silver Creek Ag Ltd.                                      | 519-272-5332       |
| New Liskeard; Country Aida Farms Inc.                                  | 705-622-1870       |
| New Liskeard; Labonte Seed Division of Grant Reliable Fertilizers Corp | 705-647-3129       |
| New Liskeard; Phillips Seeds Ltd.                                      | 705-563-8375       |
| North York; Berton Seeds Co. Limited                                   | 416-745-5655       |
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| Oakwood; Graham Turf Seeds Ltd.                                        | 705-743-5501       |
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| Oxford Station; Summit Seeds Inc.                                      | 613-258-1653       |
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| Palmerston; Connell Farms Inc.                                         | 519-343-2626       |
| Palmerston; Snobelen Farms Ltd.                                        | 519-343-3630       |
| Paris; Grand River Bean Inc.                                           | 519-442-2760       |
| Parkhill; McGee Farm Services Limited                                  | 519-294-6750       |
| Plympton Wyoming; Bgrow Inc.                                           | 519-381-5316       |
| Ridgetown; Pioneer Hi-Bred Production Company                          | 519-674-5476       |
| Ridgetown; Von Martels Seed Farms Inc.                                 | 519-674-0054       |
| Ripley; Bluewater Agromart                                             | 519-395-2605       |
| Ripley; Courtney Grain and Seed (2015) Ltd.                            | 519-395-2972       |
| Sarnia; Parkland Farms                                                 | 519-383-7007       |
| Scotland; Scotland Agromart Ltd.                                       | 519-446-2218       |
| South Mountain; Kevin Leeder                                           | 613-229-5660       |
| Springfield; Sylvite Agri-Services Ltd.                                | 519-727-2640       |
| St-Isidore; Centre De Criblage Marc Bercier                            | 613-524-2981       |
| St. Albert; R.D. Legault Seeds (2016) Ltd.                             | 613-987-5494       |
| St. Catharines; Jack Van Klaveren Ltd.                                 | 905-641-5599       |
| St. Thomas; Curtis Seeds Inc.                                          | 519-631-6241       |
| St. Thomas; Ferguson Bros. of St. Thomas Ltd.                          | 519-631-3463       |
| Staffa; Rosebank Seed Farms Ltd.                                       | 519-345-2697       |
| Stirling; CBD Baker Inc.                                               | 613-403-0742       |
| Strathroy; Nortera Foods Inc.                                          | 519-245-4600       |
| Thornton; Alliance Agri Turf Inc.                                      | 705-424-1410       |
| Thorold; Stokes Seeds Ltd.                                             | 905-688-3634       |
| Tilbury; Hensall Co-op                                                 | 519-682-1481       |
| Tilbury; Maizex Seeds Inc.                                             | 519-682-1720       |
| Tillsonburg; Bayer CropScience Inc.                                    | 519-355-6131       |
| Tillsonburg; Future Transfer Company Inc.                              | 519-842-7600       |
| Tilsonburg; GROWMARK Inc.                                              | 519-821-0795       |
| Vienna; Max Underhill Farm Supply                                      | 519-866-3632       |
| Wellandport; Clark Agri Service Inc.                                   | 905-386-6293       |
| West Montrose; Cribit Seeds Division, Wintermar Farms (1989) Ltd.      | 519-664-3701       |
| Wheatley; Recker Seeds 2523586 Ont. Limited                            | 519-818-0735       |
| Windham Centre; L & D Enterprises                                      | 519-426-9308       |
| Wingham; Pioneer Hi-Bred Production Company                            | 519-357-3113 x6202 |
| Woodbridge; Quality Seeds Ltd.                                         | 905-856-7333       |
| Woodstock; Savita International                                        | 519-537-5157       |

## Accredited Private Seed Labs

| Lab Name and Address                                                              | Contact                                                                          | Purity & Germination                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ontario</b>                                                                    |                                                                                  |                                                                                                                                                                                                                                 |
| <b>Canadian Seed Laboratories</b><br>Box 217, 208 David St.<br>Lindsay ON K9V 5Z4 | <b>Barbara Gracie, Bonnie Benoit</b><br>Phone: 705 328-1648<br>Fax: 705 324-2550 | Purity and Germination of all crop kinds.                                                                                                                                                                                       |
| <b>Kent Agri Laboratory</b><br>8672 John Line, R.R.#2<br>Tupperville ON N0P 2M0   | <b>Betty deNys</b><br>Phone: 519 627-3737<br>Fax: 519 627-7726                   | Purity and Germination of all crop kinds.                                                                                                                                                                                       |
| <b>Lang Germination Lab</b><br>6 Clarinda St, Box 419<br>Teeswater ON N0G 2S0     | <b>Shelley Lang</b><br>Phone: 519 392-8203<br>Fax: 519 392-8203                  | Germination of crop kinds in grade tables 1 to 3, 5 and 6, and 18.                                                                                                                                                              |
| <b>Perth Seed Laboratory</b><br>R.R. 5<br>Mitchell ON N0K 1N0                     | <b>Bernadine Wolfe</b><br>Phone: 519 348-9057<br>Fax: 519 348-8165               | Germination of crop kinds in grade tables 1 to 6 and 18.                                                                                                                                                                        |
| <b>Pioneer Hi-Bred Prodon Company</b><br>7398 Queen's Line<br>Chatham ON N7M 5L1  | <b>Monica Garcia</b><br>Phone: 519 352-6350 x76755<br>Fax: 519 380-2011          | Purity and Germination in crop kinds in grade tables 1 and 7-10, Sorghum and Sorghum Sudan grass hybrids in table 4, Soybean and Sunflower in table 5, Hybrid Corn and Sunflower in Table 6 and Pop and Sweet corn in table 18. |



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