

2022

Ontario Soybean Variety Trials

Data Collected 2020-2022

Conducted by the
Ontario Soybean And Canola Committee
www.GoSoy.ca

Research conducted and reported by:



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

Ontario



UNIVERSITY
of GUELPH



Grain Farmers of Ontario
www.gfo.ca

November 25, 2022

© 1987 Ontario Soybean And Canola Committee

ONTARIO SOYBEAN AND CANOLA COMMITTEE (OSACC)

This organization is made up of representatives of Agriculture & Agri-Food Canada, the University of Guelph, the Ontario Seed Growers Association, the Canadian Seed Trade Association, 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. Information in this brochure as well as additional variety information can be found on the web at **www.GoSoy.ca**

© (1987) OSACC. Any reproduction of this report must include at least an entire table. Requests for reproduction must be made to:

**Tom Welacky
Soybean Data Coordinator
OSACC
Box 947
Harrow ON NOR 1G0
Email: gosoytom@cogeco.ca**

Copyright/Permission to Reproduce

Materials in this Publication were produced and/or compiled by the Ontario Soybean And Canola Committee for the purpose of providing growers with direct access to information about the soybean varieties. The material in this publication is covered by the provisions of the Copyright Act and by Canadian laws and regulations. Such provisions serve to identify the information source and, in specific instances, to prohibit reproduction of materials in part or whole without written permission from the Ontario Soybean And Canola Committee.

2022

Ontario Soybean Variety Trials

Conducted by the Ontario Soybean and Canola Committee • www.GoSoy.ca

Tables

| | |
|---|----|
| Table 1. Soybean Variety Performance List and Descriptions | 2 |
| Table 2a. Agronomic Data at Early Maturity Group 00 (2100-2300 HU) Areas | 9 |
| Table 2b. Agronomic Data at Maturity Group 00 (2300-2500 HU) Areas | 10 |
| Table 3. Agronomic Data at Maturity Group 0 (2500-2800 HU) Areas | 11 |
| Table 4. Agronomic Data at Maturity Group 1 (2700-2900 HU) Areas | 13 |
| Table 5. Agronomic Data at Early Maturity Group 2 (2900-3300 HU) Areas | 15 |
| Table 6. Agronomic Data at Late Maturity Group 2 (3300-3500 HU) Areas | 17 |

Reference

| | |
|---|----|
| Interpretation of Tables and Results | 18 |
| Test Locations and Soil Types | 19 |
| Soybean Variety Distributors | 20 |
| Ontario Soybean Relative Maturity Map | 21 |

Head to Head comparisons can be made from the [Agronomic Performance](#) page at GoSoy.ca

Ontario Soybean And Canola Committee

Table 1. Soybean Variety Performance List and Descriptions



| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | |
|--------------|---|--------|-----------------------|-----------------------|-----------------|-----------------|----------------------------|-----------------------|
| | | | | | | | Root Rot % Plant Loss** | Distributor |
| ABACA |  | | | 000.7 | IY | 5100 | 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 |  | | | 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 | | | | 00.7 | IY | 5700 | na | Prograin |
| Maya | | | | 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 | 5200 | 16 | Prograin |
| Jari | | | | 00.9 | IY | 4500 | 14 | Elite |
| Kazart | | | | 00.9 | Y | 4400 | na | Semican Inc. |
| Koa | | | | 00.9 | IY | 5900 | na | Prograin |
| PS 0098 XR | | 1k | RR2X | 00.9 | BL | 5700 | 32 | PRIDE Seeds |

Table 1. Soybean Variety Performance List and Descriptions








| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | |
|--------------|---|------------|--------------------|--------------------|--------------|--------------|-------------------|--------------------------------|
| | | | | | | | Root Plant Loss** | Root Rot % Distributor |
| 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 | | | | 0.1 | IY | 4600 | 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 |
| S02-M4XF | | SCN 1c | XF | 0.2 | BL | 6000 | na | Syngenta Canada, Inc. |
| AAC Shinju |  | 1c | | 0.3 | Y | 8400 | 39 | Huron Commodities Inc. |
| B036CE | | SCN 1k | E3 | 0.3 | BR | 4900 | 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 | 5400 | na | PRIDE Seeds |
| S03-P4 |  | SCN 1c, 3a | | 0.3 | IY | 4700 | 50* | Syngenta Canada, Inc. |
| S03-V5E3 | | SCN 1c | E3 | 0.3 | IBL | 5500 | na | Syngenta Canada, Inc. |
| AAC Larkin | | | | 0.4 | Y | 9700 | 44 | Sevita International |
| OAC Champion |  | | | 0.4 | IY | 4600 | 55 | Agrocentre Belcan |
| OAC Strive |  | | | 0.4 | IY | 4300 | 35 | SeCan |
| P04A98E | | SCN 1c | E3 | 0.4 | BR | 4200 | 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 |  | 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 |  | | | 0.5 | Y | 4200 | na | Prograin |
| Graves E3 | | SCN 3a | E3 | 0.5 | LBR | 4500 | na | SeCan |
| Hola | | | | 0.5 | IY | 4300 | na | Prograin |
| OAC Acclaim | | | | 0.5 | IY | 4500 | 44 | Huron Commodities Inc. |
| OAC Hastings |  | | | 0.5 | IY | 4600 | 50 | SeCan |
| OAC Lakeview | | | | 0.5 | Y | 4700 | 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 |

Table 1. Soybean Variety Performance List and Descriptions








| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | | Distributor |
|---------------|---|------------|--------------------|--------------------|--------------|--------------|-------------------|-------|-----------------------|
| | | | | | | | Root Plant Loss** | Rot % | |
| Samson E3 | | 1k | E3 | 0.5 | LBR | 6400 | na | | SeCan |
| Savage R2X | | SCN 1c | RR2X | 0.5 | BL | 5400 | na | | SeCan |
| Altitude R2 | | 3a | RR2Y | 0.6 | BR | 4900 | 42 | | SeCan |
| Amino R2X | | 1c | RR2X | 0.6 | BL | 5400 | na | | Prograin |
| Asana |  | 1c | | 0.6 | Y | 4300 | na | | Prograin |
| Cypress | | 1c | | 0.6 | Y | 4900 | 27 | | Sevita International |
| DKB06-76 | | SCN 1k | RR2X | 0.6 | IBL | 5100 | na | | DEKALB |
| Expand R2X | | SCN 1c | RR2X | 0.6 | BL | 5600 | 34 | | SeCan |
| Harvey E3 | | | E3 | 0.6 | BF | 6100 | na | | SeCan |
| Kristian | | | | 0.6 | IY | 4400 | 33* | | SG Ceresco, Inc. |
| Lindber | | | | 0.6 | Y | 10300 | na | | Sevita International |
| Lion R2X |  | 1c | RR2X | 0.6 | IY | 4700 | na | | Elite |
| Nano R2X | | SCN 3a | RR2X | 0.6 | BR | 5500 | na | | Prograin |
| OAC Carson |  | | | 0.6 | IY | 4400 | 49 | | SeCan |
| OAC Evolution |  | | | 0.6 | IY | 4800 | 37 | | Agrocentre Belcan |
| OAC Kamran |  | | | 0.6 | IY | 4600 | 43 | | SeCan |
| P06A38E | | 1c | E3 | 0.6 | BR | 4300 | na | | Pioneer |
| P06A48X | | 1c | RR2X | 0.6 | LBR | 5800 | na | | Pioneer |
| Perry E3 | | SCN 3a | E3 | 0.6 | LBR | 5200 | na | | SeCan |
| S06-A3XF | | SCN 1c, 3a | XF | 0.6 | GR | 4500 | na | | Syngenta Canada, Inc. |
| Seabrook R2X | | 1k | RR2X | 0.6 | BL | 6200 | na | | SeCan |
| SI 0620XTN | | SCN 1c | RR2X | 0.6 | BL | 5600 | na | | Sevita International |
| Abiola | | | | 0.7 | IY | 4600 | na | | Saatbau Linz |
| Angelica |  | | | 0.7 | IY | 4700 | 55 | | C&M Seeds |
| Atacama | | | | 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 | 4300 | na | | Brevant Seeds |
| Caliper E3 | | | E3 | 0.7 | IBL | 4700 | na | | Horizon Seeds Canada |
| Dunham | | SCN 1c | | 0.7 | IY | 4200 | 39 | | Sevita International |
| Dyno R2X | | | RR2X | 0.7 | BR | 4600 | na | | Prograin |
| Elico E3 | | SCN | E3 | 0.7 | Y | 5800 | na | | Prograin |
| EW2021083 | | SCN 3a | E3 | 0.7 | IBL | 4800 | na | | Syngenta Canada, Inc. |
| Kagawa | | | | 0.7 | IY | 4100 | na | | Synagri |
| Marula | | 1c | | 0.7 | Y | 4300 | 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 |  | 1c | | 0.8 | IY | 4500 | na | | Elite |
| Albenga | | | | 0.8 | IY | 4200 | 3* | | SG Ceresco, Inc. |
| Enyo E3 | | SCN | E3 | 0.8 | BF | 5500 | na | | Prograin |
| Ezra | | 3a | | 0.8 | Y | 4700 | na | | Prograin |
| Miko R2 | | 1c | RR2Y | 0.8 | BR | 5200 | na | | Prograin |
| Neptune | | 1c, 3a | | 0.8 | IY | 4100 | 34 | | Sevita International |

Table 1. Soybean Variety Performance List and Descriptions





| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | |
|--------------|---|------------|--------------------|--------------------|--------------|--------------|-------------------|------------------------|
| | | | | | | | Root Plant Loss** | Root Rot % Distributor |
| Orr R2X | | SCN 3a | RR2X | 0.8 | BR | 5400 | na | SeCan |
| Park E3 | | | E3 | 0.8 | BF | 6100 | na | SeCan |
| S07-M8 |  | 1c | | 0.8 | IY | 4400 | 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 | 4400 | na | SG Ceresco, Inc. |
| B091FE | | 1c | E3 | 0.9 | IBL | 5600 | na | Brevant Seeds |
| Beliveau R2X | | SCN 1k, 3a | RR2X | 0.9 | BR | 5300 | 28 | SeCan |
| EXP0922XRN | | SCN 1c | RR2X | 0.9 | IBL | 4500 | na | PRIDE Seeds |
| Finch | | 1c | | 0.9 | Y | 4900 | 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 | 5200 | na | Horizon Seeds Canada |
| Matilda | | 1k | | 0.9 | IY | 4700 | 44 | Sevita International |
| P09A53X | | 1k | RR2X | 0.9 | BR | 4800 | na | Pioneer |
| P09A62X | | 1c | RR2X | 0.9 | BF | 5300 | na | Pioneer |
| Pico R2X | | 1c | RR2X | 0.9 | BL | 5700 | na | Prograin |
| Reece R2X | | SCN 1c | RR2X | 0.9 | BL | 5000 | na | SeCan |
| S09-B5XF | | SCN 1c, 3a | XF | 0.9 | GR | 4400 | na | Syngenta Canada, Inc. |
| S09-H7E3 | | SCN 1k | E3 | 0.9 | BF | 5000 | na | Syngenta Canada, Inc. |
| SI 0921XTN | | SCN | RR2X | 0.9 | BL | 5800 | 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 |  | SCN | | 1.0 | Y | 5100 | 30 | SeCan |
| PS 1022 EN | | SCN 1c, 3a | E3 | 1.0 | BF | 4800 | na | PRIDE Seeds |
| S10-R2 |  | SCN | | 1.0 | Y | 4900 | 42 | Syngenta Canada, Inc. |
| S10-W8XF | | SCN 1c | XF | 1.0 | IY | 5600 | na | Syngenta Canada, Inc. |
| B119KE | | SCN | E3 | 1.1 | IBL | 5000 | na | Brevant Seeds |
| DKB11-51 | | SCN | RR2X | 1.1 | BL | 5800 | 35* | DEKALB |
| DKB11-84 | | SCN 3a | RR2X | 1.1 | BR | 6000 | 30* | DEKALB |
| Eider | | | | 1.1 | Y | 4700 | 27 | SG Ceresco, Inc. |
| Neo R2X | | SCN 3a | RR2X | 1.1 | BR | 5300 | na | Prograin |
| Odessa | | | | 1.1 | IY | 4100 | 32 | Sevita International |
| P11A10 | | | | 1.1 | Y | 4700 | na | Pioneer |
| SI 1120E3N | | SCN | E3 | 1.1 | IBL | 4900 | 31* | Sevita International |
| Skyline | | SCN 1c, 3a | | 1.1 | Y | 5000 | 32 | Sevita International |
| Summit E3 | | | E3 | 1.1 | IBL | 5600 | na | Horizon Seeds Canada |
| Taku | | | | 1.1 | Y | 5100 | na | SG Ceresco, Inc. |
| Atena |  | 1c, 3a | | 1.2 | Y | 4100 | na | Prograin |
| Baltazar | | | | 1.2 | IY | 4600 | na | Semican Inc. |
| DH530 | | | | 1.2 | IY | 5200 | 46 | Sevita International |
| Maris R2X | | SCN 3a | RR2X | 1.2 | BR | 5800 | na | Elite |

Table 1. Soybean Variety Performance List and Descriptions






| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | | Distributor |
|---------------|---|------------|--------------------|--------------------|--------------|--------------|-------------------|-------|----------------------------|
| | | | | | | | Root Plant Loss** | Rot % | |
| P12T94E | | SCN | E3 | 1.2 | IBL | 4700 | na | | Pioneer |
| S12-J7 |  | SCN 1c, 3a | | 1.2 | Y | 4200 | 35 | | Syngenta Canada, Inc. |
| S12-M5X | | SCN 1k, 3a | RR2X | 1.2 | BL | 4900 | 36* | | Syngenta Canada, Inc. |
| SI 1222E3N | | SCN 1k | E3 | 1.2 | IBL | 4500 | na | | Sevita International |
| Harrier E3 | | SCN | E3 | 1.3 | IBL | 5400 | na | | Elite |
| OAC Elevation |  | | | 1.3 | IY | 4200 | 51 | | Agrocentre Belcan |
| P13A89X | | SCN 1k | RR2X | 1.3 | BL | 5600 | na | | Pioneer |
| PS 1338 XRN | | SCN 1c | RR2X | 1.3 | BL | 5500 | 38 | | PRIDE Seeds |
| Rask E3 | | SCN 1c | E3 | 1.3 | IBL | 4400 | na | | SeCan |
| S13-Y4XF | | SCN 1c, 3a | XF | 1.3 | BR | 5000 | na | | Syngenta Canada, Inc. |
| Avalanche XF | | SCN 1c, 3a | XF | 1.4 | BL | 4600 | na | | Elite |
| Barton | | SCN | | 1.4 | Y | 5000 | 28 | | Sevita International |
| DKB14-65 | | SCN 1c, 3a | RR2X | 1.4 | BL | 5600 | 35* | | DEKALB |
| Inwood |  | SCN | | 1.4 | IY | 4700 | na | | SeCan |
| OAC Union |  | SCN | | 1.4 | Y | 4500 | 35 | | SeCan |
| PR229004Z | | | RR2X | 1.4 | BR | 5100 | na | | Prograin |
| PS 1421 EN | | SCN | E3 | 1.4 | BL | 5600 | na | | PRIDE Seeds |
| S14-C7XF | | SCN 1c | XF | 1.4 | BR | 5500 | na | | Syngenta Canada, Inc. |
| S14-W6E3 | | SCN 1c, 3a | E3 | 1.4 | BF | 5500 | na | | Syngenta Canada, Inc. |
| Zana | | 3a | | 1.4 | Y | 4800 | na | | Prograin |
| Alameda | | | | 1.5 | IY | 5100 | na | | SG Ceresco, Inc. |
| Alinova | | | | 1.5 | IY | 4600 | na | | Sevita International |
| B158DE | | SCN 1k | E3 | 1.5 | BR | 5400 | na | | Brevant Seeds |
| Cyclone R2X | | SCN 1k, 3a | RR2X | 1.5 | BL | 5200 | na | | Elite |
| PR229005Z | | | RR2X | 1.5 | BL | 5100 | na | | Prograin |
| PS 1520 XRN | | SCN 1c | RR2X | 1.5 | BF | 5700 | 32* | | PRIDE Seeds |
| Rondo R2X | | SCN 1c, 3a | RR2X | 1.5 | BR | 5200 | na | | Prograin |
| SI 1520E3N | | SCN 1k | E3 | 1.5 | IBL | 5700 | 23* | | Sevita International |
| CP1622X | | | RR2X | 1.6 | BL | 5100 | na | | CROPLAN by WinField United |
| Laurentian | | SCN | | 1.6 | Y | 9400 | 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 |  | SCN | | 1.6 | IY | 4300 | 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 | 5200 | na | | SeCan |
| P17A87E | | SCN 1k | E3 | 1.7 | BL | 4800 | 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 | 5100 | 29* | | SeCan |
| SI 1820XTN | | SCN 3a | RR2X | 1.7 | BR | 5400 | na | | Sevita International |
| B182ME | | SCN 1k | E3 | 1.8 | BL | 5400 | na | | Brevant Seeds |
| P18A73E | | SCN 1k | E3 | 1.8 | BL | 5500 | na | | Pioneer |

Table 1. Soybean Variety Performance List and Descriptions




| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | | Distributor |
|-------------|---|------------|--------------------|--------------------|--------------|--------------|-------------------|-------|-------------------------|
| | | | | | | | Root Plant Loss** | Rot % | |
| P18A98X | | SCN 1c | RR2X | 1.8 | IBL | 5100 | 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 | 5700 | 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 |  | 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 |
| 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 |



Table 1. Soybean Variety Performance List and Descriptions

| Variety | PBR | Notes | Herbicide Reaction | Relative Maturity† | Hilum Colour | Seeds per Kg | Phytophthora | | Distributor |
|--------------|-----|------------|--------------------|--------------------|--------------|--------------|--------------|--------------|----------------------------|
| | | | | | | | Root Rot % | Plant Loss** | |
| 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 |

NOTES:

1a, 1c, etc. - Phytoph. resist. genes
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Plant Breeders' Rights

 PBR 78
 PBR 91 or
 PBR 91 pending
[See pbrfacts.ca](http://See.pbrfacts.ca)

Herbicide Reaction

RR2Y - Roundup Ready 2 Yield
 RR2X - Roundup Ready 2 Xtend
 XF - XtendFlex
 E3 - Enlist E3
 LL - Liberty Link
 MS - Metribuzin Sensitive

†**Relative Maturity** - ranking of maturity provided by seed sponsors.

****Phytophthora % Plant Loss** - 2 year averages shown where available. New calculation method used, see note.

Ontario Soybean And Canola Committee

TABLE 2a.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , RR TEST 2022

| Variety | Days to Mature | | NEW LISKEARD Yield Index | | Plant Height (cm) | Lodging 1=standing 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 |
| Varieties with one year of data | | | | | | |
| 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 | -- | -- | -- |
| LSD (0.10) | | | 9 | 6 | | |
| Average yield (T/ha) | | | 4.15 | 3.66 | | |
| (bu/ac) | | | 61.5 | 54.4 | | |

| Testing Locations: Table 2a.1 | | | |
|-------------------------------|------|----|------|
| New Liskeard | 2020 | -- | 2022 |

TABLE 2a.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , CONVENTIONAL TEST 2022

| Variety | Days to Mature | | NEW LISKEARD Yield Index | Plant Height (cm) | Lodging 1=standing 5=flat |
|---------------------------------|----------------|--------|--------------------------|-------------------|---------------------------------|
| | 1 year | 2 year | 1 year | | |
| Varieties with one year of data | | | | | |
| Siberia | 107 | -- | 103 | -- | -- |
| ABACA | 111 | -- | 102 | -- | -- |
| Liska | 111 | -- | 98 | -- | -- |
| JAGO | 113 | -- | 111 | -- | -- |
| BAFFIN | 113 | -- | 93 | -- | -- |
| Maya | 113 | -- | 105 | -- | -- |
| Hana | 115 | -- | 111 | -- | -- |
| Koa | 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 | -- | -- | 2022 |

Ontario Soybean And Canola Committee

TABLE 2.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , RR TEST 2022

| Variety | Days to Mature | | AVERAGE Yield Index | | | BELWOOD Yield Index | | DUNDALK Yield Index | | ELORA Yield Index | | Plant Height (cm) | Lodging 1=standing 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 |
| Varieties with one year of data | | | | | | | | | | | | | |
| B0061E | 109 | -- | 73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hart R2X | 110 | -- | 80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EXP00722XR | 113 | -- | 96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Amino R2X | 120 | -- | 103 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| S03-V5E3 | 121 | -- | 120 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| LSD (0.10) | | | 9 | 7 | 5 | 8 | 7 | 12 | 9 | 15 | 11 | | |
| Average yield (T/ha) | | | 2.89 | 3.07 | 3.21 | 3.07 | 3.31 | 3.04 | 3.40 | 3.10 | 2.91 | | |
| (bu/ac) | | | 42.8 | 45.6 | 47.6 | 45.6 | 49.1 | 45.2 | 50.4 | 45.9 | 43.2 | | |

TABLE 2.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , CONVENTIONAL TEST 2022

| Variety | Days to Mature | | AVERAGE Yield Index | | | BELWOOD Yield | DUNDALK Yield | ELORA Yield Index | Plant Height (cm) | Lodging 1=standing 5=flat |
|---------------------------------|----------------|--------|---------------------|--------|--------|---------------|---------------|-------------------|-------------------|---------------------------------|
| | 1 year | 2 year | 1 year | 2 year | 3 year | 1 year | 1 year | 1 year | (cm) | 5=flat |
| Varieties with one year of data | | | | | | | | | | |
| ABACA | 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 | 17 | 11 | | |
| Average yield (T/ha) | | | 2.74 | | | 2.85 | 2.70 | 2.68 | | |
| (bu/ac) | | | 40.7 | | | 42.2 | 40.0 | 39.8 | | |

| Testing Locations: Table 2.1 | | | |
|------------------------------|------|------|------|
| Belwood | 2020 | 2021 | 2022 |
| Dundalk | 2020 | 2021 | 2022 |
| Elora | 2020 | 2021 | 2022 |

| Testing Locations: Table 2.2 | | | |
|------------------------------|----|----|------|
| Belwood | -- | -- | 2022 |
| Dundalk | -- | -- | 2022 |
| Elora | -- | -- | 2022 |

Ontario Soybean And Canola Committee

TABLE 3.1 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , RR TEST 2022

| Variety | Days to Mature | | AVERAGE Yield Index | | | ELORA Yield Index | | OTTAWA Yield Index | PORT HOPE Yield Index | WALTON Yield Index | | Plant Height (cm) | Lodging 1=standing 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 | 91 | 88 | 89 | 91 | 93 | 92 | 91 | 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 | 91 | 95 | 92 | 98 | 89 | 98 | 89 | 81 | 1.7 |
| S04-J6X | 116 | 112 | 100 | 99 | 98 | 91 | 95 | 98 | 97 | 105 | 102 | 81 | 1.7 |
| PS 0420 XRN | 117 | 113 | 94 | 98 | 96 | 95 | 93 | 99 | 93 | 99 | 99 | 74 | 1.2 |
| PS 0521 XRN | 117 | 113 | 104 | 102 | -- | 106 | -- | 103 | -- | 97 | -- | 79 | 1.5 |
| S07-K5X | 117 | 113 | 97 | 97 | 96 | 97 | 101 | 94 | 96 | 99 | 95 | 81 | 1.4 |
| Amino R2X | 118 | 114 | 96 | 99 | -- | 91 | -- | 101 | -- | 102 | -- | 70 | 1.1 |
| P05A35X | 120 | 114 | 100 | 101 | 97 | 103 | 100 | 106 | 88 | 98 | 97 | 70 | 1.3 |
| SI 0620XTN | 117 | 114 | 97 | 102 | 101 | 106 | 106 | 102 | 102 | 99 | 97 | 81 | 1.9 |
| Ramage XF | 118 | 114 | 96 | 97 | -- | 103 | -- | 90 | -- | 97 | -- | 81 | 2.0 |
| Miko R2 | 119 | 115 | 106 | 106 | 105 | 105 | 108 | 104 | 111 | 103 | 99 | 85 | 2.3 |
| Expand R2X | 120 | 115 | 97 | 95 | 95 | 90 | 94 | 94 | 95 | 101 | 98 | 78 | 1.5 |
| Harvey E3 | 119 | 115 | 96 | 95 | -- | 96 | -- | 95 | -- | 98 | -- | 76 | 1.4 |
| Nano R2X | 120 | 115 | 103 | 102 | 101 | 106 | 104 | 101 | 105 | 99 | 97 | 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 | 99 | 95 | 95 | 101 | 101 | 104 | 101 | 80 | 1.5 |
| PS 0779 XRN | 120 | 116 | 105 | 100 | 101 | 98 | 100 | 102 | 104 | 99 | 100 | 81 | 1.7 |
| P06A48X | 121 | 116 | 106 | 103 | -- | 101 | -- | 106 | -- | 103 | -- | 75 | 1.3 |
| Altitude R2 | 121 | 116 | 94 | 98 | 99 | 99 | 101 | 100 | 105 | 91 | 94 | 71 | 1.5 |
| SI 0921XTN | 121 | 117 | 100 | 101 | -- | 105 | -- | 95 | -- | 102 | -- | 79 | 1.5 |
| P09A53X | 123 | 117 | 103 | 104 | 104 | 106 | 103 | 104 | 103 | 105 | 106 | 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 | 108 | 107 | 109 | 111 | 111 | 103 | 105 | 70 | 1.4 |
| SI 0720E3N | 122 | 117 | 93 | 95 | 96 | 92 | 93 | 97 | 102 | 92 | 96 | 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 | 104 | 107 | 106 | 107 | 106 | 106 | 100 | 75 | 1.9 |
| Beliveau R2X | 124 | 118 | 111 | 106 | 103 | 107 | 108 | 107 | 94 | 108 | 105 | 78 | 1.3 |
| Elico E3 | 121 | 118 | 100 | 95 | -- | 94 | -- | 93 | -- | 101 | -- | 77 | 1.2 |
| B091FE | 124 | 118 | 101 | 98 | 96 | 91 | 92 | 102 | 92 | 101 | 99 | 75 | 1.5 |
| Axis E3 | 123 | 118 | 96 | 96 | -- | 98 | -- | 95 | -- | 96 | -- | 79 | 1.7 |
| DKB11-84 | 123 | 118 | 111 | 107 | 108 | 106 | 107 | 109 | 104 | 109 | 110 | 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 | 101 | 96 | 96 | 96 | 102 | 111 | 107 | 79 | 1.8 |
| SI 1120E3N | 126 | 120 | 105 | 107 | 108 | 105 | 108 | 104 | 107 | 111 | 112 | 71 | 1.2 |
| Varieties with one year of data | | | | | | | | | | | | | |
| S03-V5E3 | 114 | -- | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B036CE | 115 | -- | 94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PS 0322 EN | 116 | -- | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Savage R2X | 118 | -- | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P04A98E | 119 | -- | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EW2021083 | 120 | -- | 96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Lion R2X | 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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| LSD (0.10) | | | 5 | 5 | 4 | 9 | 7 | 6 | 7 | 12 | 8 | | |
| Average yield (T/ha) | | | 3.99 | 4.07 | 4.12 | 3.53 | 3.33 | 4.02 | 4.22 | 4.88 | 4.86 | | |
| (bu/ac) | | | 59.2 | 60.4 | 61.0 | 52.4 | 49.3 | 59.7 | 62.6 | 72.4 | 72.1 | | |

| Testing Locations: Table 3.1 | | | | |
|------------------------------|------|------|------|--|
| Elora | 2020 | 2021 | 2022 | |
| Ottawa | -- | 2021 | 2022 | |
| Port Hope | 2020 | 2021 | -- | |
| Walton | 2020 | 2021 | 2022 | |

Ontario Soybean And Canola Committee

TABLE 3.2 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , CONVENTIONAL TEST 2022

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

| Testing Locations: Table 3.2 | | | |
|------------------------------|------|------|------|
| Elora | 2020 | 2021 | 2022 |
| Ottawa | -- | 2021 | 2022 |
| Port Hope | 2020 | 2021 | -- |
| Walton | 2020 | 2021 | 2022 |

Ontario Soybean And Canola Committee

TABLE 4.1 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , RR TEST 2022

| Variety | Days to Mature | | AVERAGE Yield Index | | | EXETER Yield Index | | ST. MARYS Yield Index | WINCHESTER Yield Index | | WOODSTOCK Yield Index | | Plant Height (cm) | Lodging 1=standing 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 |
| Varieties with one year of data | | | | | | | | | | | | | | |
| 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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| LSD (0.10) | | | 6 | 4 | 3 | 11 | 8 | 6 | 6 | 5 | 7 | 6 | | |
| Average yield (T/ha) | | | 4.15 | 4.21 | 4.22 | 4.64 | 4.74 | 4.10 | 4.74 | 4.55 | 3.38 | 3.44 | | |
| (bu/ac) | | | 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 |

Ontario Soybean And Canola Committee

TABLE 4.2 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , CONVENTIONAL TEST 2022

| Variety | Days to Mature | | AVERAGE Yield Index | | | EXETER Yield Index | | ST. MARYS Yield Index | WINCHESTER Yield Index | | WOODSTOCK Yield Index | | Plant Height (cm) | Lodging 1=standing 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 | 93 | 98 | 97 | 94 | 88 | 93 | 84 | 87 | 77 | 1.4 |
| S10-R2 | 116 | 115 | 100 | 98 | 97 | 102 | 101 | 87 | 98 | 97 | 110 | 102 | 82 | 1.7 |
| Aya | 116 | 116 | 92 | 95 | -- | 95 | -- | 94 | 98 | -- | 90 | -- | 77 | 1.2 |
| Asana | 117 | 116 | 87 | 89 | 89 | 98 | 96 | 92 | 86 | 87 | 75 | 80 | 78 | 1.5 |
| Ezra | 118 | 117 | 96 | 103 | 102 | 102 | 101 | 102 | 104 | 100 | 107 | 108 | 84 | 1.3 |
| Marula | 118 | 117 | 91 | 92 | 92 | 94 | 93 | 91 | 90 | 92 | 93 | 91 | 85 | 1.3 |
| Finch | 120 | 117 | 100 | 99 | -- | 96 | -- | 101 | 100 | -- | 100 | -- | 84 | 1.2 |
| Acora | 119 | 118 | 95 | 96 | 99 | 95 | 98 | 100 | 94 | 97 | 94 | 101 | 90 | 1.5 |
| Odessa | 121 | 119 | 103 | 103 | 102 | 106 | 104 | 104 | 102 | 103 | 95 | 97 | 79 | 1.1 |
| Kagawa | 120 | 119 | 94 | 92 | 93 | 87 | 87 | 96 | 99 | 99 | 85 | 90 | 82 | 1.1 |
| P11A10 | 121 | 120 | 103 | 106 | 104 | 108 | 107 | 101 | 108 | 103 | 104 | 102 | 89 | 1.3 |
| Skyline | 120 | 120 | 99 | 98 | 96 | 94 | 92 | 98 | 102 | 98 | 99 | 100 | 82 | 1.4 |
| Eider | 121 | 120 | 94 | 97 | 97 | 91 | 92 | 94 | 102 | 103 | 100 | 100 | 86 | 1.4 |
| S14-H3 | 121 | 120 | 101 | 102 | 100 | 103 | 104 | 98 | 102 | 96 | 104 | 101 | 75 | 1.2 |
| S12-J7 | 122 | 120 | 103 | 105 | 103 | 108 | 106 | 100 | 99 | 97 | 117 | 110 | 77 | 1.3 |
| Atena | 121 | 120 | 100 | 100 | 99 | 103 | 101 | 102 | 103 | 103 | 90 | 91 | 76 | 1.1 |
| DH530 | 122 | 121 | 94 | 93 | 94 | 101 | 100 | 88 | 94 | 92 | 86 | 90 | 83 | 1.5 |
| OAC Malory | 122 | 121 | 104 | 98 | 97 | 97 | 98 | 93 | 100 | 99 | 102 | 99 | 82 | 1.5 |
| OAC Elevation | 123 | 121 | 95 | 91 | -- | 87 | -- | 97 | 91 | -- | 88 | -- | 85 | 1.3 |
| Baltazar | 121 | 122 | 97 | 99 | 97 | 91 | 94 | 101 | 110 | 103 | 91 | 89 | 86 | 1.2 |
| Barton | 124 | 122 | 101 | 101 | 103 | 105 | 106 | 99 | 95 | 97 | 109 | 110 | 81 | 1.9 |
| Taku | 124 | 122 | 117 | 112 | 110 | 107 | 104 | 117 | 110 | 109 | 118 | 114 | 93 | 1.5 |
| OAC Union | 124 | 123 | 110 | 112 | 111 | 111 | 109 | 108 | 114 | 113 | 117 | 114 | 80 | 1.2 |
| Zana | 124 | 123 | 106 | 105 | 106 | 104 | 102 | 104 | 110 | 112 | 101 | 104 | 88 | 1.1 |
| OAC Aberdeen | 126 | 124 | 109 | 110 | 108 | 109 | 108 | 113 | 100 | 102 | 125 | 114 | 76 | 1.1 |
| Forto | 125 | 125 | 101 | 100 | 99 | 97 | 98 | 98 | 101 | 102 | 104 | 99 | 97 | 1.4 |
| Laurentian | 126 | 125 | 94 | 97 | 96 | 103 | 100 | 95 | 89 | 87 | 103 | 103 | 92 | 1.4 |
| Candor | 127 | 126 | 98 | 100 | 99 | 102 | 101 | 108 | 98 | 98 | 88 | 90 | 84 | 1.4 |
| HDC Blake | 129 | 127 | 95 | 98 | 99 | 96 | 96 | 104 | 101 | 103 | 88 | 92 | 92 | 1.5 |
| Rowan | 128 | 127 | 116 | 117 | 115 | 110 | 108 | 119 | 112 | 115 | 134 | 122 | 90 | 1.2 |
| Varieties with one year of data | | | | | | | | | | | | | | |
| Matilda | 119 | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Alinova | 126 | -- | 109 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| LSD (0.10) | | | 7 | 5 | 4 | 15 | 10 | 6 | 6 | 5 | 9 | 9 | | |
| Average yield (T/ha) | | | 3.23 | 3.44 | 3.54 | 3.98 | 4.15 | 3.40 | 4.02 | 4.01 | 2.38 | 2.54 | | |
| (bu/ac) | | | 47.9 | 51.1 | 52.5 | 59.0 | 61.5 | 50.5 | 59.6 | 59.5 | 35.3 | 37.7 | | |

| Testing Locations: Table 4.2 | | | |
|------------------------------|------|------|------|
| Exeter | 2020 | 2021 | 2022 |
| St. Marys | -- | 2021 | 2022 |
| Winchester | 2020 | 2021 | 2022 |
| Woodstock | 2020 | 2021 | 2022 |

Ontario Soybean And Canola Committee

TABLE 5.1 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , RR TEST 2022

| Variety | Days to Mature | | CLAY AVG Yield Index | | INWOOD Yield Index | PALMYRA Yield Index | | | LOAM AVG Yield Index | | FINGAL Yield Index | RIDGETOWN Yield Index | | Plant Height (cm) | Lodging 1=standing 5=flat |
|---------------------------------|----------------|--------|----------------------|--------|--------------------|---------------------|-------------|--------|----------------------|--------|--------------------|-----------------------|----|-------------------|---------------------------------|
| | 1 year | 2 year | 1 year | 2 year | 1 year | 2 year | 3 year | 1 year | 2 year | 2 year | 2 year | 3 year | | | |
| 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 |

Ontario Soybean And Canola Committee

TABLE 5.2 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , CONVENTIONAL TEST 2022

| Variety | Days to Mature | | CLAY AVG Yield Index | | INWOOD Yield Index | PALMYRA Yield Index | | | LOAM AVG Yield Index | | FINGAL Yield Index | RIDGETOWN Yield Index | | Plant Height (cm) | Lodging 1=standing 5=flat |
|---------------------------------|----------------|--------|----------------------|--------|--------------------|---------------------|-------------|--------|----------------------|--------|--------------------|-----------------------|-----|-------------------|---------------------------------|
| | 1 year | 2 year | 1 year | 2 year | 1 year | 2 year | 3 year | 1 year | 2 year | 2 year | 2 year | 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 |

Ontario Soybean And Canola Committee

TABLE 6.1 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , RR TEST 2022

| Variety | Days to Mature | | CLAY AVG Yield Index | | MERLIN Yield Index | | WOODSLEE Yield Index | LOAM AVG Yield Index | | CHATHAM Yield Index | | MALDEN Yield Index | | Plant Height (cm) | Lodging 1=standing 5=flat |
|---------------------------------|----------------|--------|----------------------|--------|--------------------|--------|----------------------|----------------------|--------|---------------------|--------|--------------------|--------|-------------------|---------------------------|
| | 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 | | |
| 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 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , CONVENTIONAL TEST 2022

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

| Testing Locations: Tables 6.1 and 6.2 | | | |
|---------------------------------------|------|------|------|
| Merlin | 2020 | 2021 | 2022 |
| Woodslee | -- | 2021 | 2022 |
| Chatham | 2020 | 2021 | 2022 |
| Malden | 2020 | 2021 | 2022 |

Interpretation of Tables & Results

Interpretation of Table 1

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. See Protein & Oil Index section below.

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 the GoSoy.ca web site and last page.

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.

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.

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 Results (Tables 2 to 6)

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.

Ontario Soybean And Canola Committee
Test Locations and Soil Types - 2022 Trials

| Location | Table | Relative | | Row Width (cm) | Seeding Rate (plant/ac) | Co-operator | Trial Co-ordinator |
|--------------|--------|----------|-----------|-------------------|----------------------------|-------------------------------|-------------------------------|
| | | Maturity | Soil Type | | | | |
| 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.

Ontario Soybean And Canola Committee
Soybean Variety Distributors

| Distributor | Address | Telephone | Fax | Internet |
|---|---|------------------|----------------|---|
| AGRIS Co-operative Ltd. | 835 Park Ave. W., Chatham, ON, N7M 0N1 | 519-380-2384 | 519-354-7058 | www.agris.coop |
| Agrocentre Belcan | 180 Montée Ste-Marie, Ste. Marthe, QC, J0P 1W0 | 1-800-363-5146 | 450-459-4216 | www.agrocentrebclan.com |
| C&M Seeds | 6180 5th Line, Palmerston, ON, N0G 2P0 | 1-888-733-9432 | 519-343-3792 | info@redwheat.com www.redwheat.com |
| Centre de Criblage Marc Bercier Seed Cleaning Inc. | 251 rue Caledonia, St-Isidore, ON, K0C 2B0 | 613-524-2981 | | kbercier@marcbercier.com |
| Corteva Agrscience (Brevant) | 7398 Queen's Line, P.O. Box 730, Chatham, ON, N7M 5L1 | 1-800-265-9435 | 519-436-6753 | david.harwood@pioneer.com https://engage.brevant.com/en-ca |
| Corteva Agrscience (Pioneer) | PO Box 730, 7398 Queen's Line, Chatham, ON, N7M 5L1 | 1-800-265-9435 | 519-380-2014 | david.harwood@corteva.com www.pioneer.com/Canada |
| DEKALB | 2-679 Southgate Drive, Guelph, ON, N1G 4S2 | 519-767-3366 | | www.dekalb.ca |
| Hensall Co-op | Box 219, 1 Davidson Drive, Hensall, ON, N0M 1X0 | 519-262-3002 | 519-262-3412 | pcornwell@hdc.on.ca www.hdc.on.ca |
| Horizon Seeds Canada Inc. | 729 Mid N. Walsingham Townline Rd., Courtland, ON, N0J 1E0 | 519-842-5538 | | curtis@horizonseeds.ca www.horizonseeds.ca |
| Huron Commodities Inc. | 75 Wellington St., P.O Box 1353, Clinton, ON, N0M 1L0 | 519-482-8400 | 519-482-8383 | w.wheeler@huron.com www.huron.com |
| Maizex Seeds Inc. (Elite brand) | 4488 Mint Line, Tilbury, ON, N0P 2L0 | 519-682-1720 | 519-682-2144 | www.maizex.com |
| PRIDE Seeds | PO Box 1088, Chatham, ON, N7M 5L6 | 1-800-265-5280 | 519-354-8155 | www.prideseed.com |
| Prograin | 145 Rang du Bas-de-la-Rivière N, Saint-Césaire, QC, J0L 1T0 | 450-469-5744 | 450-469-4547 | sylvain.legay@prograin.qc.ca www.semencesprograin.com |
| Saatbau Linz | 201, rue St Louis, 412, St Jean sur Richeleu, QC, J3B 1X9 | 514-609-0881 | | Pierre.Boireau@saatbau.com www.saatbau.com |
| SeCan | 400-300 Terry Fox Drive, Kanata, ON, K2K 0E3 | 1-866-797-7874 | 613-592-9497 | seed@secan.com www.secan.com |
| Semican Inc | 50 Boul Industriel, Princeville, QC, G6L 4P2 | 819-362-8823 | 819-362-3385 | jgoulet@semican.ca www.semican.ca |
| Sevita International | 11451 Cameron Rd, Inkerman, ON, K0E 1J0 | 613-989-3000 | 613-989-3838 | info@sevita.com www.sevita.com |
| SG Ceresco Inc | 164 chemin Grande-Ligne, St-Urbain-Premier, QC, J0S 1Y0 | 450-427-3831 | 450-427-2067 | cpacurariu@sgceresco.com www.sgceresco.com |
| Snobelen Farms Ltd. | 5220 Hwy 23, RR #2, Palmerston, ON, N0G 2P0 | 519-343-3630 | 519-343-2037 | tteune@snobelenfarms.com www.snobelengrain.com |
| Southwest Seeds Inc. | R.R. # 1, 19686 Scane Rd., Ridgetown, ON, N0P 2C0 | 519-674-0054 | | revonmartels@gmail.com |
| Syngenta Canada, Inc. | 140 Research Lane, Guelph, ON, N1G 4Z3 | 1-888-366-4211 | 1-888-717-7122 | www.syngenta.ca/nk |
| WinField United Canada | 302 Wellman Lane #101, Saskatoon, SK, S7T 0J1 | 306-249-5112 | | damccolm@landolakes.com www.winfieldunited.ca |

