

# 2011

## Ontario Hybrid Corn Performance Trials

Data collected 2010-2011

Conducted by the Ontario Corn Committee • [www.gocorn.net](http://www.gocorn.net)

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## **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; the Seed Corn Growers of Ontario and the Canadian Seed Trade Association.

Tests are conducted each year by the following cooperating agencies: University of Guelph, Ridgetown Campus; University of Guelph, Plant Agriculture Department; University of Guelph, Kemptville Campus, and Agriculture and Agri-Food Canada at Ottawa.

## **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. 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 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 plants, 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.

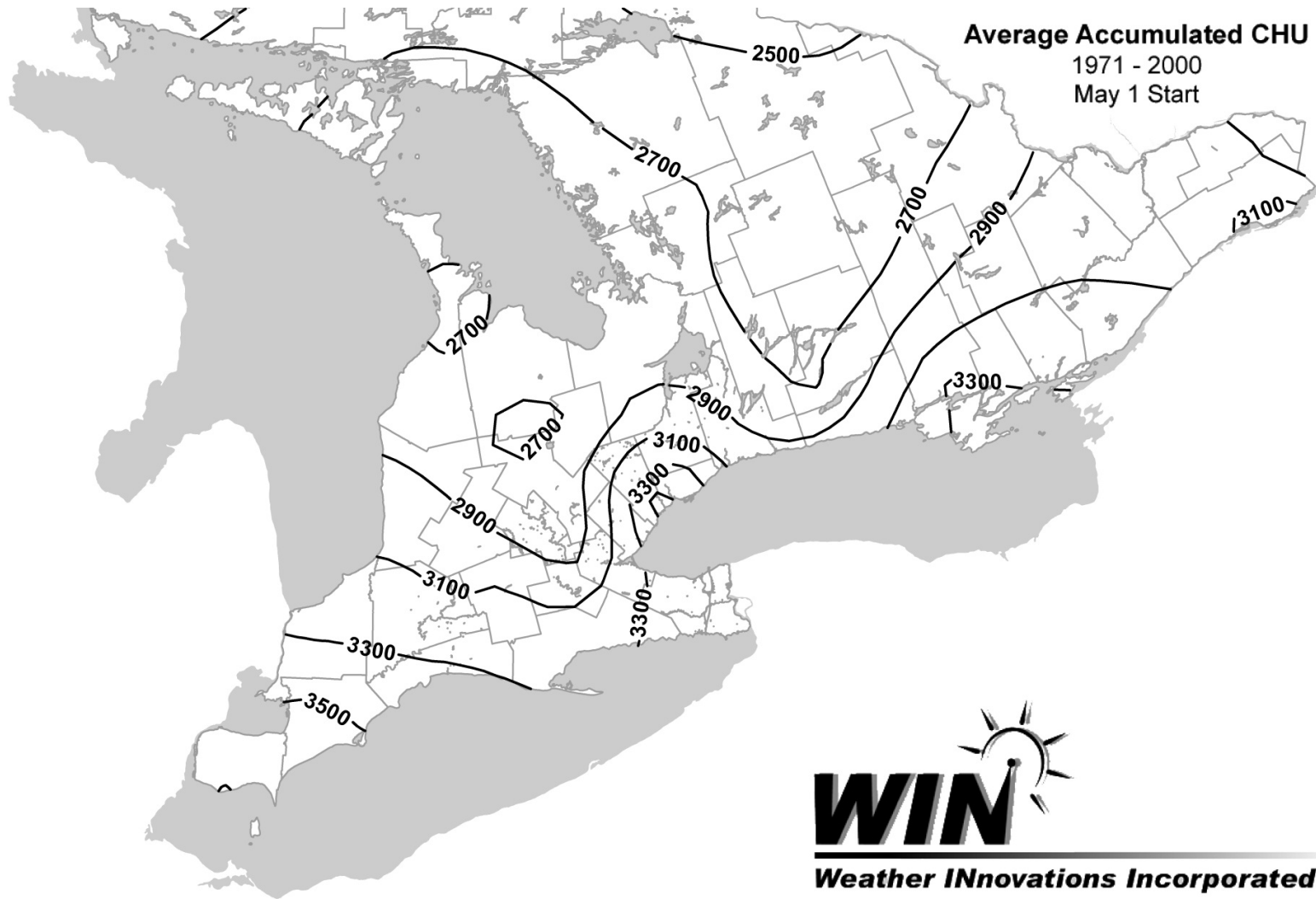
The moisture percentage of the grain is determined at harvest time. The weight of grain harvested from each plot is determined and the yield of shelled corn is calculated at 15% moisture. Test weights are recorded either during harvest using combine-mounted monitoring equipment or, in the laboratory,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

## **DUPLICATION OF THIS REPORT**

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For further information, contact:  
The Secretary,  
Ontario Corn Committee,  
109 Maple Ridge Road, R.R. # 2,  
Owen Sound, Ontario  
N4K 5N4.

## Heat Units Available for Corn Production in Ontario



**Notes:** Corn Heat Unit 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.

## INTERPRETATION OF RESULTS

**Index** - 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, whereas index figures below 100 show the percent below average. Small differences in index are not significant. When a hybrid consistently has a higher index over two years, this difference is probably real and should be considered when choosing a hybrid. 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 kilograms per hectoliter (kg/hL). 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. 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.

**Corn Heat Units** - Ratings for all areas of the province are now 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 come first.

**Plant Height** - was recorded as the distance from the ground to the point where the last leaf attached to the stalk.

**% 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.

**European Corn Borer Pressure** - Corn borer ratings were based on a visual assessment of infestation and damage during the week of September 26th.

**Managing Bt Corn** - When using Bt corn, it is imperative that a refuge area of non-Bt corn be planted near the Bt corn to reduce the risk of developing insect resistance to Bt. A list of potential refuge hybrids and information related to the practices that must be followed to comply with current regulations can be obtained from the Canadian Corn Refuge Hybrid Selector at [www.refugeselector.ca](http://www.refugeselector.ca).

## Explanation of Codes for Special Genetic Traits

| Code | Trait                             |
|------|-----------------------------------|
| B    | Resistant to Corn Borer           |
| D    | Resistant to Corn Rootworm        |
| L    | Tolerant to Liberty Herbicide     |
| R    | Tolerant to glyphosate herbicide  |
| W    | Resistant to Western Bean Cutworm |

### 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 24, 2011. Although the Ontario Corn Committee believes the information contained in this report to be accurate, growers are strongly urged 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 Canadian Seed Trade Association's "List of Corn Hybrids Commercially Available in Canada" at <http://cdnseed.org/list-of-corn-hybrids/>.

## Seed Corn Dealers

| Brand or Identification | Company                                            | Address of Canadian Sponsor                                                                           | Telephone                        |
|-------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|
| Country Farm<br>DEKALB  | Country Farm Seeds Ltd.<br>Monsanto Canada Inc.    | Box 790, Blenheim, ON N0P 1A0<br>120 Research Lane, Suite 101, Guelph, ON N1G 0B4                     | 1-800-449-3990<br>1-800-667-4944 |
| Elite                   | La Coop fédérée                                    | 9001, Blvd. de L'Acadie, Montréal, QC H4N 3H7                                                         | 1-514-384-6450                   |
| Horizon                 | Horizon Seeds Canada Inc.                          | 531 Bostwick Rd., Courtland, ON N0J 1E0                                                               | 1-519-842-5538                   |
| Hyland                  | Hyland Seeds                                       | Box 250, 2 Hyland Dr., Blenheim, ON N0P 1A0                                                           | 1-800-265-7403                   |
| Maizex                  | Maizex Seeds Inc.                                  | 4488 Mint Line, R.R.#2, Tilbury, ON N0P 2L0                                                           | 1-877-682-1720                   |
| Masters Choice          | Choice Seeds                                       | 813275 Baseline Road, Norwich, ON N0J 1P0                                                             | 1-519-863-5279                   |
| Mycogen Seeds           | Dow AgroSciences Canada Inc.                       | 7061 Cobble Hills Rd., St.Marys, ON N4X 1B7                                                           | 1-519-349-2600                   |
| NK Brand<br>PICKSEED    | Syngenta Seeds Inc.<br>PICKSEED                    | 15910 Medway Rd., R.R.#1, Arva, ON N0M 1C0<br>1 Greenfield Road, Lindsay, ON K9V 4S3                  | 1-800-756-SEED<br>1-800-661-GROW |
| Pioneer<br>PRIDE Seeds  | Pioneer Hi-Bred Limited<br>AgReliant Genetics Inc. | Box 730, 7398 Queens Line, Chatham, ON N7M 5L1<br>Box 1088, 6836 Pain Court Line, Chatham, ON N7M 5L6 | 1-800-265-9435<br>1-519-354-3210 |

## 2011 Trial Locations and General Information - Ontario Hybrid Corn Performance Trials

| Location    | See Table Number | Heat Unit Rating | 5 Year Heat Unit Average <sup>1</sup> | 2011 CHU Total Plntg <sup>2</sup> | 2011 CHU Total May 1 <sup>3</sup> | ECB Rating <sup>4</sup> | Soil Type         | Co-operator                      | Final plants per acre <sup>5</sup> | Date Planted <sup>6</sup> | Date Harvested |
|-------------|------------------|------------------|---------------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------|----------------------------------|------------------------------------|---------------------------|----------------|
| Alma        | 1                | 2700             | 2775                                  | 2884                              | 2979                              | L                       | Loam              | Eastep Farms Ltd                 | 32000                              | May 12                    | Oct 25         |
| Orangeville | 1                | 2700             | 2730                                  | 2820                              | 2870                              | L                       | Sandy Loam        | Woodrill Farms Ltd               | 32000                              | May 09                    | Oct 22         |
| Elora       | 2                | 2800             | 2820                                  | 2956                              | 3044                              | L                       | Silt Loam         | University of Guelph             | 32000                              | May 11                    | Oct 18         |
| Pakenham    | 2                | 2900             | 2903                                  | 2698                              | 3208                              | L                       | Loam              | W. Gillan & Sons                 | 32000                              | Jun 02                    | Nov 14         |
| Wingham     | 2                | 2800             | 2832                                  | 2901                              | 2976                              | L                       | Harriston Loam    | Rob Warwick                      | 32000                              | May 10                    | Nov 06         |
| Lancaster   | 3E               | 3000             | 2996                                  | 2965                              | 3307                              | L                       | silt loam         | U of Guelph - Kemptville Campus  | 32000                              | May 25                    | Nov 07         |
| Ottawa      | 3E               | 3000             | 3070                                  | 3335                              | 3397                              | L                       | Granby Sandy Loam | Agriculture and Agri-Food Canada | 32000                              | May 09                    | Oct 22         |
| Winchester  | 3E               | 3000             | 3013                                  | 2790                              | 3281                              | L                       | Clay loam         | U of Guelph - Kemptville Campus  | 32000                              | Jun 01                    | Nov 02         |
| Blyth       | 3W               | 3000             | 2937                                  | 2990                              | 3094                              | L                       | Clay Loam         | Heinrich Farms                   | 32000                              | May 11                    | Nov 05         |
| Dublin      | 3W               | 3000             | 2975                                  | 3045                              | 3213                              | L                       | Silt Loam         | Al Murray                        | 32000                              | May 13                    | Nov 05         |
| Waterloo    | 3W               | 2900             | 2873                                  | 2692                              | 3171                              | L                       | Sandy Loam        | Rosendale Farms Ltd              | 32000                              | Jun 02                    | Oct 29         |
| Exeter      | 4                | 3050             | 3052                                  | 2739                              | 3334                              | L                       | Clay Loam         | Cliff Hicks                      | 32000                              | Jun 06                    | Nov 03         |
| Ilderton    | 4                | 3100             | 3070                                  | 3246                              | 3384                              | L                       | Silt Loam         | John Walls                       | 32000                              | May 12                    | Nov 02         |
| Thorndale   | 4                | 3150             | 3044                                  | 3126                              | 3260                              | L                       | Silt Loam         | Pat Elliot                       | 32000                              | May 12                    | Nov 02         |
| Woodstock   | 4                | 3150             | 3070                                  | 2901                              | 3142                              | L                       | Loam              | University of Guelph             | 32000                              | May 21                    | Nov 01         |
| Belmont     | 5                | 3250             | 3039                                  | 2830                              | 3362                              | L                       | Loam              | Claire Hooker Farms Ltd.         | 32000                              | Jun 03                    | Nov 12         |
| Kerwood     | 5                | 3200             | 3043                                  | 3167                              | 3326                              | L                       | Clay Loam         | Dave Bolton                      | 32000                              | May 13                    | Nov 08         |
| West Lorne  | 5                | 3335             | 3176                                  | 2790                              | 3554                              | L                       | Clay              | Sanden Acres Ltd.                | 32000                              | Jun 13                    | Nov 12         |
| Ridgetown   | 6                | 3450             | 3451                                  | 3531                              | 3630                              | L                       | Loam              | Ridgetown Campus                 | 32000                              | May 10                    | Nov 08         |
| Tilbury     | 6                | 3650             | 3458                                  | 3573                              | 3711                              | L                       | Sandy Loam        | Dan and Cam Sullivan             | 32000                              | May 11                    | Nov 10         |
| Wabash      | 6                | 3600             | n/a                                   | 3352                              | 3525                              | L                       | Loam              | Allan and Steve Ross             | 32000                              | May 13                    | Nov 08         |

### Notes:

- 1 Average total heat unit accumulation 2006 - 2010, 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 Total heat unit accumulation at location from May 1 to either occurrence of killing frost ( -2 C) or 30-year average end-of-season date.
- 4 European Corn Borer rating: N = None L = Low M = Moderate H = High.
- 5 These populations may not be suitable for your farm.
- 6 All trials planted in 30 inch row widths.

## 2011 Ontario Hybrid Corn Performance Trial Management Information

| Location    | Table | Previous Crop | Tillage          |                         | Soil Test Ratings |    |     | Fertilizer Applications |                               |                  | Herbicide Applications |             |        |        | Rainfall (mm) |     |     |     |     |       |
|-------------|-------|---------------|------------------|-------------------------|-------------------|----|-----|-------------------------|-------------------------------|------------------|------------------------|-------------|--------|--------|---------------|-----|-----|-----|-----|-------|
|             |       |               | Fall             | Spring                  | P                 | K  | pH  | N                       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | Product                | Rate        | Date   | Method | May           | Jun | Jul | Aug | Sep | Total |
| Alma        | 1     | Soybeans      | None             | Cultivator              | RR                | MR | 7.7 | 160                     | 90                            | 76               | Primextra              | 3.5 L/ha    | Jun 04 | post   | 98            | 78  | 29  | 145 | 82  | 432   |
| Orangeville | 1     | Pasture       | Plough           | Disc                    | HR                | HR | 7   | 142                     | 130                           | 145              | Callisto               | 0.3 L/ha    | Jun 04 | post   | 112           | 62  | 40  | 92  | 81  | 387   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Primextra II Magnum    | 4.0 L/ha    | May 23 | post   |               |     |     |     |     |       |
| Elora       | 2     | Wheat         | Chisel Plow      | Cultivator x 2          | MR                | MR | 7.6 | 153                     | 51                            | 86               | Callisto               | 0.3 L/ha    | May 12 | pre    | 136           | 98  | 38  | 155 | 95  | 522   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Primextra II Magnum    | 4.0 L/ha    | May 12 | pre    |               |     |     |     |     |       |
| Pakenham    | 2     | Soybeans      | Mulcher          | Disc (x2)               |                   |    |     | 110                     | 15                            |                  | Integrity              | 1.1 L/ha    | May 25 | ppi    |               | 89  | 32  | 44  | 21  | N/A   |
| Wingham     | 2     | Wheat         | None             | Cultivate               | MR                | RR | 7.6 | 171                     | 48                            | 24               | Roundup                | 3.0 L/ha    | May 07 | pre    | 128           | 69  | 32  | 124 | 130 | 483   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Atrazine 500           | 2.5L/ha     | May 07 | pre    |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Option 2.25 OD         | 1.56L/ha    | Jun 02 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.21L/ha    | Jun 02 | post   |               |     |     |     |     |       |
| Lancaster   | 3E    | Soybeans      | Deep Tillage     | Cultivator (x2)         |                   |    |     | 140                     |                               |                  | Primextra II Magnum    | 4 L/ha      | Jun 07 | post   | 122           | 43  | 23  | 58  | 117 | 363   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | .3 L/ha     | Jun 07 | post   |               |     |     |     |     |       |
| Ottawa      | 3E    | Wheat         | Soil Saver       | Disc and Mulch Finisher | MR                | MR | 7.2 | 190                     | 0                             | 80               | Primextra II Magnum    | 3.5L/ha     | May 21 | post   | 67            | 60  | 31  | 61  | 33  | 252   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Ultim 75DF             | 33.7g/ha    | Jun 06 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Distinct               | 285g/ha     | Jun 06 | post   |               |     |     |     |     |       |
| Winchester  | 3E    | Soybeans      | Plow             | Cultivator (x3)         |                   |    |     | 180                     | 30                            | 16               | Primextra II Magnum    | 4 L/ha      | Jun 07 | post   | 76            | 32  | 64  | 140 | 56  | 368   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | .3 L/ha     | Jun 07 | post   |               |     |     |     |     |       |
| Blyth       | 3W    | Wheat         | Disk             | Cultivate               | MR                | RR | 7.7 | 171                     | 48                            | 24               | Option 2.25 OD         | 1.56L/ha    | Jun 06 | post   | 45            | 50  | 6   | 69  | 81  | 251   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.21L/ha    | Jun 06 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | UAN                    | 2.5L/ha     | Jun 06 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Aatrex Liquid          | 0.58L/ha    | Jun 06 | post   |               |     |     |     |     |       |
| Dublin      | 3W    | Soybeans      | None             | Cultivate               | MR                | MR | 7.6 | 171                     | 48                            | 24               | Option 2.25 OD         | 1.56 L/ha   | Jun 06 | post   | 96            | 78  | 5   | 50  | 75  | 304   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.21L/ha    | Jun 06 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Aatrex Liquid          | 0.58L/ha    | Jun 06 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | UAN                    | 2.5L/ha     | Jun 06 | post   |               |     |     |     |     |       |
| Waterloo    | 3W    | Wheat         | Soil Saver       | Cultivator              | NR                | MR | 7.2 | 154                     | 39                            | 130              | Primextra II Magnum    | 4.0 L/ha    | Jun 09 | pre    | 160           | 66  | 20  | 72  | 103 | 421   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.3 L/ha    | Jun 09 | pre    |               |     |     |     |     |       |
| Exeter      | 4     | Wheat         | Plow             | Cultivate               | LR                | RR | 7.8 | 171                     | 48                            | 24               | Primextra              | 4L/ha       | Jun 04 | ppi    | 136           | 95  | 75  | 58  | 75  | 439   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.21L/ha    | Jul 01 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Agral 90               | 0.2% v.v    | Jul 01 | post   |               |     |     |     |     |       |
| Ilderton    | 4     | Wheat         | Disk             | Cultivate               | RR                | RR | 7.2 | 171                     | 48                            | 24               | Primextra              | 4.0L/ha     | May 09 | ppi    | 125           | 55  | 18  | 35  | 45  | 278   |
| Thorndale   | 4     | Wheat         | Plow             | Cultivate               | MR                | MR | 7.4 | 177                     | 48                            | 24               | Primextra              | 4L/ha       | May 10 | ppi    | 154           | 65  | 18  | 38  | 38  | 313   |
| Woodstock   | 4     | Soybeans      | Chisel Plow      | Cultivator              | MR                | MR | 7   | 171                     | 85                            | 62               | Primextra II Magnum    | 3.5 L/ha    | May 31 | pre    | 126           | 105 | 80  | 102 | 113 | 526   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.3 L/ha    | May 31 | pre    |               |     |     |     |     |       |
| Belmont     | 5     | Soybeans      | Cultivate        | Cultivate               | MR                | MR | 7.1 | 181                     | 54                            | 27               | Primextra II Magnum    | 3.0 L/ha    | Jun 01 | ppi    | 166           | 66  | 77  | 131 | 152 | 592   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Distinct               | 0.285 kg/ha | Jun 24 | post   |               |     |     |     |     |       |
| Kerwood     | 5     | Soybeans      | None             | Cultivate               | MR                | LR | 7   | 181                     | 54                            | 27               | Option                 | 1.56 L/ha   | Jun 02 | post   | 66            | 59  | 11  | 89  | 90  | 315   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.21 L/ha   | Jun 02 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Aatrex                 | 0.58 L/ha   | Jun 02 | post   |               |     |     |     |     |       |
| West Lorne  | 5     | Soybeans      | Soil Saver       | Cultivate               | LR                | RR | 5.8 | 181                     | 54                            | 27               | Primextra II Magnum    | 3 L/ha      | Jun 15 | post   | 196           | 79  | 83  | 108 | 104 | 570   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.3 L/ha    | Jun 15 | post   |               |     |     |     |     |       |
| Ridgetown   | 6     | Winter wheat  | Plow             | Cultivator              | RR                | MR | 5.5 | 198                     | 54                            | 27               | Primextra II Magnum    | 3 L/ha      | May 25 | post   | 154           | 75  | 70  | 71  | 119 | 489   |
| Tilbury     | 6     | Soybeans      | Vertical Tillage | Cultivate               | MR                | MR | 7.6 | 181                     | 54                            | 27               | Callisto               | 0.3 L/ha    | May 25 | post   | 120           | 45  | 10  | 66  | 95  | 336   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Primextra II Magnum    | 3 L/ha      | May 25 | post   |               |     |     |     |     |       |
| Wabash      | 6     | Soybeans      | Soil Saver       | Cultivate               | LR                | LR | 6.8 | 181                     | 54                            | 27               | Option                 | 1.56 L/ha   | Jun 02 | post   | 110           | 64  | 10  | 59  | 90  | 333   |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Callisto               | 0.21 L/ha   | Jun 02 | post   |               |     |     |     |     |       |
|             |       |               |                  |                         |                   |    |     |                         |                               |                  | Aatrex                 | 0.58 L/ha   | Jun 02 | post   |               |     |     |     |     |       |

**Table 1: Alma, Orangeville**

**2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU  | Brand and/or Hybrid |              | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |
|------|---------------------|--------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|
|      |                     |              |           |                   | average of 4 trials             |         |       |               | average of 2 trials        |         |       |               | ALMA                               |         |       | ORANGEVILLE |         |       |
|      |                     |              |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2100 | Pioneer             | P7443R       | R         | 204               | 89                              | 21.1    | 7     | 107           | 92                         | 23.5    | 9     | 106           | 92                                 | 22.1    | 14    | 93          | 24.9    | 4     |
| 2250 | Horizon             | HZ 702       | R         | 193               |                                 |         |       |               | 90                         | 24.0    | 7     | 102           | 88                                 | 22.9    | 13    | 92          | 25.1    | 0     |
| 2300 | Pioneer             | 39B94        | W B R L   | 212               | 92                              | 22.7    | 3     | 106           | 94                         | 25.1    | 3     | 106           | 95                                 | 23.7    | 5     | 93          | 26.4    | 1     |
| 2350 | Mycogen Seeds       | 2D093        | R         | 208               |                                 |         |       |               | 91                         | 24.7    | 8     | 104           | 90                                 | 23.6    | 10    | 91          | 25.7    | 5     |
| 2350 | Pioneer             | 39D97        | W B R L   | 203               | 92                              | 22.5    | 5     | 103           | 96                         | 24.6    | 8     | 102           | 100                                | 23.2    | 15    | 92          | 25.9    | 0     |
| 2400 | Hyland              | 8098         | W B D R L | 194               | 96                              | 24.3    | 0     | 100           | 95                         | 26.9    | 0     | 99            | 100                                | 25.0    | 0     | 91          | 28.9    | 0     |
| 2400 | Pioneer             | P8107HR      | W B R L   | 195               | 97                              | 23.1    | 3     | 100           | 94                         | 25.3    | 5     | 100           | 91                                 | 23.8    | 8     | 97          | 26.9    | 2     |
| 2425 | PICKSEED            | 2411GT/CB/LL | B R L     | 194               |                                 |         |       |               | 94                         | 27.1    | 9     | 99            | 92                                 | 25.5    | 16    | 97          | 28.7    | 2     |
| 2450 | Mycogen Seeds       | 2R081        | R         | 202               | 97                              | 23.7    | 3     | 97            | 98                         | 26.2    | 3     | 97            | 97                                 | 25.1    | 5     | 100         | 27.2    | 2     |
| 2450 | PRIDE Seeds         | A4880G3      | B D R     | 190               | 94                              | 22.6    | 2     | 101           | 91                         | 24.2    | 4     | 101           | 91                                 | 23.0    | 4     | 90          | 25.4    | 4     |
| 2475 | NK Brand            | N12R-3000GT  | B D R L   | 187               |                                 |         |       |               | 90                         | 24.4    | 9     | 102           | 93                                 | 22.9    | 17    | 88          | 25.9    | 1     |
| 2500 | Horizon             | HZ 750       |           | 197               | 97                              | 25.2    | 4     | 96            | 103                        | 28.4    | 7     | 97            | 107                                | 27.0    | 4     | 100         | 29.7    | 10    |
| 2500 | Mycogen Seeds       | 2D140        | B D R     | 219               | 95                              | 24.7    | 2     | 102           | 91                         | 26.3    | 2     | 102           | 90                                 | 24.8    | 1     | 92          | 27.9    | 2     |
| 2525 | PRIDE Seeds         | A5030G2      | B R       | 192               |                                 |         |       |               | 89                         | 25.1    | 1     | 101           | 88                                 | 24.0    | 1     | 90          | 26.3    | 2     |
| 2550 | DEKALB              | DKC34-27     | B D R     | 205               |                                 |         |       |               | 97                         | 25.1    | 2     | 102           | 91                                 | 23.3    | 4     | 103         | 27.0    | 0     |
| 2550 | Elite               | 33K97 RR     | R         | 201               | 98                              | 23.7    | 1     | 101           | 96                         | 24.9    | 2     | 102           | 97                                 | 23.4    | 2     | 94          | 26.5    | 2     |
| 2550 | Maizex              | MZ 211X      | B R L     | 203               | 108                             | 24.9    | 7     | 98            | 112                        | 26.2    | 11    | 99            | 112                                | 24.1    | 16    | 112         | 28.3    | 6     |
| 2550 | PRIDE Seeds         | A5074G3      | B D R     | 218               |                                 |         |       |               | 96                         | 28.6    | 1     | 100           | 94                                 | 26.9    | 1     | 97          | 30.3    | 0     |
| 2575 | DEKALB              | DKC33-97     | W B D R L | 201               |                                 |         |       |               | 91                         | 26.4    | 2     | 100           | 91                                 | 24.1    | 3     | 90          | 28.7    | 1     |
| 2575 | DEKALB              | DKC35-43     | B D R     | 204               | 101                             | 25.4    | 1     | 101           | 102                        | 27.1    | 1     | 101           | 100                                | 25.2    | 1     | 105         | 28.9    | 2     |
| 2575 | NK Brand            | N16Z-3000GT  | B D R L   | 198               |                                 |         |       |               | 102                        | 25.4    | 8     | 102           | 107                                | 23.9    | 16    | 97          | 27.0    | 0     |
| 2575 | Pioneer             | P8581R       | R         | 209               | 102                             | 24.3    | 2     | 98            | 102                        | 26.4    | 2     | 99            | 100                                | 24.2    | 4     | 105         | 28.5    | 0     |
| 2575 | PRIDE Seeds         | A5110G3      | B D R     | 192               | 100                             | 23.9    | 1     | 100           | 104                        | 24.9    | 1     | 101           | 101                                | 23.5    | 1     | 106         | 26.2    | 1     |
| 2575 | PRIDE Seeds         | A5120G2      | B R       | 195               |                                 |         |       |               | 103                        | 24.9    | 2     | 98            | 105                                | 23.3    | 2     | 101         | 26.6    | 2     |
| 2600 | Country Farm        | CF208R       | R         | 193               | 96                              | 25.1    | 5     | 102           | 91                         | 27.0    | 8     | 101           | 91                                 | 25.2    | 8     | 90          | 28.7    | 8     |
| 2600 | Elite               | 39C52 RR     | B R       | 212               |                                 |         |       |               | 92                         | 25.8    | 2     | 99            | 92                                 | 24.8    | 3     | 91          | 26.8    | 2     |
| 2600 | Mycogen Seeds       | 2P176        | B D R     | 193               | 98                              | 26.3    | 1     | 100           | 95                         | 27.5    | 1     | 101           | 93                                 | 26.4    | 2     | 97          | 28.6    | 1     |
| 2600 | PICKSEED            | 2642CB/LL/RW | B D L     | 201               | 105                             | 24.3    | 10    | 97            | 106                        | 25.8    | 17    | 98            | 102                                | 24.1    | 28    | 109         | 27.4    | 7     |



**Table 1 Cont'd: Alma, Orangeville**

**2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU                                | Brand and/or Hybrid |              | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |
|------------------------------------|---------------------|--------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|
|                                    |                     |              |           |                   | average of 4 trials             |         |       |               | average of 2 trials        |         |       |               | ALMA                               |         |       | ORANGEVILLE |         |       |
|                                    |                     |              |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2600                               | Pioneer             | P8622HR      | W B R L   | 211               |                                 |         |       |               | 107                        | 27.6    | 5     | 97            | 107                                | 25.9    | 7     | 106         | 29.2    | 4     |
| 2600                               | Pioneer             | P8906R       | R         | 198               |                                 |         |       |               | 101                        | 28.4    | 2     | 98            | 97                                 | 27.0    | 3     | 105         | 29.8    | 1     |
| 2625                               | Country Farm        | CF214        | B R L     | 206               | 98                              | 26.4    | 5     | 97            | 99                         | 28.2    | 7     | 97            | 96                                 | 25.6    | 11    | 102         | 30.7    | 4     |
| 2625                               | DEKALB              | DKC36-34     | B D R     | 206               | 98                              | 24.1    | 1     | 99            | 101                        | 25.7    | 2     | 100           | 104                                | 25.1    | 2     | 98          | 26.2    | 2     |
| 2625                               | NK Brand            | N17H-3000GT  | B D R L   | 196               | 106                             | 25.8    | 1     | 103           | 108                        | 28.3    | 1     | 102           | 110                                | 26.0    | 2     | 105         | 30.6    | 1     |
| 2625                               | Pioneer             | 39D85        | W B R L   | 208               | 99                              | 24.5    | 3     | 101           | 101                        | 26.9    | 4     | 101           | 103                                | 25.5    | 5     | 99          | 28.2    | 4     |
| 2650                               | Country Farm        | CF288VT3     | B D R     | 201               | 94                              | 22.7    | 4     | 102           | 94                         | 24.3    | 7     | 103           | 94                                 | 22.7    | 9     | 94          | 25.8    | 5     |
| 2650                               | DEKALB              | DKC37-41     | W B D R L | 213               |                                 |         |       |               | 109                        | 27.6    | 1     | 100           | 110                                | 26.1    | 1     | 108         | 29.1    | 0     |
| 2650                               | Hyland              | HL 4227      | W B D R L | 201               | 101                             | 24.8    | 1     | 102           | 101                        | 26.3    | 1     | 100           | 97                                 | 24.7    | 1     | 105         | 27.8    | 0     |
| 2650                               | Maizex              | MZ 269X      |           | 208               | 107                             | 27.4    | 1     | 99            | 105                        | 29.9    | 1     | 99            | 112                                | 27.8    | 2     | 98          | 32.0    | 0     |
| 2650                               | Maizex              | MZ 2988DBR   | B R       | 201               |                                 |         |       |               | 109                        | 28.8    | 1     | 96            | 111                                | 27.1    | 1     | 106         | 30.4    | 0     |
| 2650                               | PICKSEED            | 2629GT/CB/LL | B R L     | 211               |                                 |         |       |               | 101                        | 25.9    | 10    | 101           | 101                                | 24.4    | 14    | 102         | 27.5    | 6     |
| 2650                               | Pioneer             | P8906HR      | W B R L   | 207               | 110                             | 26.4    | 2     | 98            | 105                        | 28.4    | 4     | 98            | 108                                | 27.1    | 3     | 102         | 29.8    | 5     |
| 2675                               | Country Farm        | CF266        | R         | 206               |                                 |         |       |               | 109                        | 26.8    | 1     | 98            | 106                                | 24.8    | 1     | 113         | 28.7    | 1     |
| 2675                               | DEKALB              | DKC38-26     | B D R     | 212               | 100                             | 25.3    | 1     | 99            | 101                        | 27.2    | 1     | 100           | 107                                | 25.8    | 1     | 95          | 28.6    | 1     |
| 2675                               | Hyland, Mycogen     | 8234         | W B D R L | 208               | 104                             | 25.6    | 1     | 97            | 101                        | 26.9    | 2     | 100           | 95                                 | 23.7    | 4     | 106         | 30.1    | 0     |
| 2675                               | PICKSEED            | 2750RR       | R         | 210               |                                 |         |       |               | 117                        | 28.7    | 2     | 97            | 116                                | 26.5    | 2     | 118         | 30.9    | 1     |
| 2675                               | PRIDE Seeds         | A5624G3      | B D R     | 218               |                                 |         |       |               | 107                        | 27.7    | 3     | 99            | 109                                | 26.3    | 5     | 106         | 29.1    | 1     |
| 2700                               | Maizex              | MZ 3020CBR   | B D R     | 204               | 106                             | 28.3    | 1     | 99            | 108                        | 30.6    | 1     | 100           | 108                                | 28.9    | 2     | 109         | 32.2    | 1     |
| 2725                               | DEKALB              | DKC40-22     | W B D R L | 193               | 111                             | 28.1    | 1     | 97            | 109                        | 30.1    | 3     | 99            | 110                                | 28.7    | 3     | 109         | 31.4    | 2     |
| 2750                               | Country Farm        | CF330        |           | 197               |                                 |         |       |               | 98                         | 27.7    | 11    | 98            | 94                                 | 25.4    | 20    | 103         | 30.0    | 1     |
| 2775                               | DEKALB              | DKC42-72     | B D R     | 197               | 110                             | 28.0    | 1     | 96            | 110                        | 30.4    | 1     | 96            | 115                                | 29.0    | 1     | 106         | 31.7    | 1     |
| LSD (0.10) for Yield Index Points* |                     |              |           |                   | 4                               |         |       |               | 6                          |         |       |               | 9                                  |         |       | 9           |         |       |
| Average all hybrids **             |                     |              |           | 203               | 191                             | 24.8    | 3     | 68            | 185                        | 26.7    | 4     | 67            | 185                                | 25.1    | 6     | 185         | 28.3    | 2     |
| European Corn Borer Pressure       |                     |              |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         |       | Low         |         |       |

<sup>1</sup> Alma 2010-2011, Orangeville 2010-2011

<sup>2</sup> Alma, Orangeville

\* 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. Results for hybrids with very high moisture contents should be interpreted with caution.

Table 2: Elora, Pakenham Wingham

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU  | Brand and/or Hybrid    | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|------------------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                        |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | ELORA                              |         |       | PAKENHAM    |         |       | WINGHAM     |         |       |
|      |                        |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2500 | Mycogen Seeds 2D140    | B D R     | 253               |                                 |         |       |               | 93                         | 21.9    | 2     | 104           | 88                                 | 24.0    | 2     | 98          | 20.5    | 3     | 92          | 21.2    | 0     |
| 2550 | Maizex MZ 1865CBR      | B D R     | 260               | 95                              | 21.2    | 1     | 101           | 92                         | 21.9    | 3     | 102           | 93                                 | 25.1    | 5     | 102         | 19.9    | 4     | 80          | 20.7    | 0     |
| 2550 | Maizex MZ 211X         | B R L     | 246               | 99                              | 21.4    | 3     | 100           | 96                         | 22.1    | 5     | 102           | 94                                 | 24.7    | 13    | 95          | 19.9    | 2     | 100         | 21.8    | 0     |
| 2575 | DEKALB DKC35-43        | B D R     | 239               | 92                              | 21.4    | 1     | 103           | 91                         | 21.9    | 1     | 104           | 93                                 | 25.2    | 3     | 94          | 19.5    | 1     | 86          | 20.9    | 0     |
| 2575 | NK Brand N16Z-3000GT   | B D R L   | 246               |                                 |         |       |               | 91                         | 21.9    | 14    | 103           | 90                                 | 24.4    | 37    | 87          | 19.0    | 4     | 96          | 22.3    | 0     |
| 2575 | Pioneer P8581R         | R         | 242               | 95                              | 21.2    | 2     | 100           | 97                         | 22.2    | 4     | 101           | 94                                 | 24.1    | 5     | 94          | 20.5    | 8     | 103         | 22.1    | 0     |
| 2600 | Elite 39C52 RR         | B R       | 246               |                                 |         |       |               | 91                         | 21.8    | 1     | 103           | 85                                 | 24.2    | 2     | 100         | 19.3    | 0     | 88          | 21.8    | 0     |
| 2600 | Mycogen Seeds 2P176    | B D R     | 227               | 91                              | 23.3    | 1     | 101           | 86                         | 23.4    | 2     | 102           | 90                                 | 26.4    | 5     | 91          | 20.7    | 1     | 78          | 23.2    | 1     |
| 2600 | PICKSEED 2642CB/LL/RW  | B D L     | 243               | 99                              | 21.3    | 3     | 100           | 97                         | 21.7    | 5     | 102           | 99                                 | 24.3    | 10    | 89          | 19.3    | 6     | 102         | 21.4    | 0     |
| 2600 | Pioneer P8622HR        | W B R L   | 252               |                                 |         |       |               | 100                        | 23.1    | 5     | 101           | 104                                | 26.5    | 8     | 97          | 20.1    | 3     | 101         | 22.8    | 5     |
| 2600 | Pioneer P8906R         | R         | 247               |                                 |         |       |               | 98                         | 24.0    | 5     | 101           | 94                                 | 27.3    | 4     | 98          | 20.8    | 11    | 102         | 23.8    | 0     |
| 2625 | DEKALB DKC36-34        | B D R     | 243               | 92                              | 21.2    | 1     | 101           | 93                         | 21.7    | 1     | 103           | 98                                 | 23.9    | 4     | 94          | 20.7    | 0     | 89          | 20.6    | 0     |
| 2625 | NK Brand N17H-3000GT   | B D R L   | 248               | 97                              | 21.9    | 2     | 105           | 97                         | 22.8    | 3     | 106           | 97                                 | 25.5    | 10    | 95          | 19.2    | 0     | 98          | 23.6    | 0     |
| 2625 | PICKSEED 2688VT3       | B D R     | 254               | 96                              | 21.6    | 1     | 102           | 95                         | 22.3    | 1     | 104           | 89                                 | 24.8    | 3     | 105         | 20.1    | 0     | 90          | 22.0    | 1     |
| 2625 | Pioneer 39D85          | W B R L   | 242               | 94                              | 22.0    | 2     | 103           | 93                         | 22.6    | 3     | 104           | 95                                 | 25.1    | 3     | 92          | 20.5    | 5     | 92          | 22.2    | 0     |
| 2650 | DEKALB DKC37-41        | W B D R L | 255               |                                 |         |       |               | 103                        | 23.8    | 1     | 100           | 101                                | 26.7    | 1     | 107         | 21.2    | 1     | 100         | 23.5    | 0     |
| 2650 | Maizex MZ 269X         |           | 253               | 99                              | 22.7    | 1     | 101           | 100                        | 23.7    | 1     | 102           | 96                                 | 26.4    | 3     | 106         | 22.2    | 1     | 99          | 22.4    | 0     |
| 2650 | Maizex MZ 2722BR       | B R       | 255               | 101                             | 21.5    | 5     | 101           | 97                         | 22.4    | 10    | 102           | 92                                 | 24.9    | 18    | 94          | 19.4    | 11    | 106         | 23.0    | 0     |
| 2650 | Maizex MZ 2988DBR      | B R       | 244               | 102                             | 22.4    | 1     | 98            | 109                        | 23.4    | 0     | 99            | 111                                | 26.1    | 1     | 116         | 21.8    | 0     | 100         | 22.3    | 0     |
| 2650 | NK Brand N19G-3111     | W B D R L | 238               |                                 |         |       |               | 96                         | 22.6    | 5     | 101           | 94                                 | 25.7    | 11    | 96          | 19.4    | 3     | 96          | 22.8    | 0     |
| 2650 | NK Brand N20Y-3000GT   | B D R L   | 244               |                                 |         |       |               | 99                         | 21.4    | 7     | 102           | 100                                | 23.6    | 17    | 94          | 18.6    | 3     | 104         | 21.9    | 1     |
| 2650 | PICKSEED 2629GT/CB/LL  | B R L     | 252               | 98                              | 21.3    | 1     | 103           | 98                         | 22.1    | 3     | 105           | 95                                 | 24.9    | 7     | 102         | 19.5    | 2     | 98          | 22.0    | 0     |
| 2650 | Pioneer P8906HR        | W B R L   | 241               | 103                             | 22.9    | 2     | 100           | 103                        | 24.3    | 3     | 101           | 104                                | 27.8    | 2     | 103         | 20.8    | 7     | 101         | 24.2    | 0     |
| 2675 | DEKALB DKC38-26        | B D R     | 254               | 101                             | 22.6    | 1     | 101           | 98                         | 23.2    | 2     | 102           | 99                                 | 25.9    | 3     | 105         | 21.6    | 0     | 89          | 22.0    | 2     |
| 2675 | Elite 25T29 RR         | B D R     | 244               | 97                              | 22.2    | 5     | 100           | 93                         | 22.9    | 8     | 101           | 93                                 | 27.1    | 9     | 94          | 19.6    | 15    | 92          | 22.0    | 1     |
| 2675 | Elite 45P33 FLR        | B R L     | 258               | 109                             | 22.2    | 7     | 99            | 107                        | 22.8    | 14    | 99            | 111                                | 26.2    | 34    | 100         | 20.1    | 6     | 111         | 22.2    | 2     |
| 2675 | Elite E58L17 R         | R         | 254               |                                 |         |       |               | 101                        | 24.4    | 1     | 98            | 97                                 | 27.2    | 1     | 103         | 21.4    | 0     | 103         | 24.5    | 1     |
| 2675 | Horizon HZ 792BtGT     | B R L     | 251               |                                 |         |       |               | 99                         | 22.1    | 6     | 104           | 94                                 | 24.3    | 7     | 104         | 19.8    | 9     | 98          | 22.2    | 1     |
| 2675 | Hyland, Mycogen 8234   | W B D R L | 248               | 97                              | 23.0    | 1     | 97            | 96                         | 24.4    | 2     | 97            | 96                                 | 27.1    | 2     | 98          | 23.2    | 0     | 94          | 22.9    | 3     |
| 2675 | NK Brand N21J-3000GT   | B D R L   | 247               |                                 |         |       |               | 98                         | 22.3    | 3     | 103           | 98                                 | 25.0    | 5     | 99          | 19.4    | 3     | 98          | 22.5    | 0     |
| 2675 | PICKSEED 2750RR        | R         | 245               |                                 |         |       |               | 101                        | 24.0    | 1     | 100           | 105                                | 27.5    | 2     | 99          | 21.2    | 1     | 99          | 23.2    | 2     |
| 2675 | PRIDE Seeds A5624G3    | B D R     | 262               |                                 |         |       |               | 99                         | 23.0    | 2     | 101           | 102                                | 26.2    | 2     | 100         | 20.0    | 3     | 95          | 22.9    | 0     |
| 2700 | Maizex MZ 3020CBR      | B D R     | 252               | 101                             | 23.5    | 0     | 101           | 99                         | 24.6    | 0     | 101           | 100                                | 27.8    | 1     | 104         | 21.9    | 0     | 94          | 24.1    | 0     |
| 2700 | NK Brand N23K-3000GT   | B D R L   | 235               | 96                              | 21.7    | 6     | 99            | 97                         | 22.3    | 12    | 99            | 95                                 | 24.5    | 24    | 96          | 19.6    | 10    | 100         | 22.8    | 1     |
| 2700 | PICKSEED 2751GSX       | W B D R L | 260               | 106                             | 23.4    | 1     | 97            | 105                        | 25.5    | 0     | 97            | 103                                | 29.3    | 1     | 104         | 22.5    | 0     | 106         | 24.7    | 0     |
| 2700 | Pioneer 38B14          | W B D R L | 248               | 99                              | 23.2    | 0     | 98            | 98                         | 24.0    | 1     | 98            | 100                                | 26.5    | 2     | 96          | 22.9    | 0     | 97          | 22.7    | 0     |
| 2700 | Pioneer 38N85          | R         | 238               | 98                              | 23.8    | 0     | 100           | 98                         | 24.7    | 0     | 100           | 100                                | 26.5    | 1     | 96          | 21.0    | 0     | 98          | 26.5    | 0     |
| 2725 | DEKALB DKC40-22        | W B D R L | 242               | 101                             | 23.8    | 1     | 99            | 98                         | 25.2    | 1     | 100           | 98                                 | 28.1    | 1     | 98          | 22.7    | 0     | 99          | 24.8    | 1     |
| 2725 | Elite 28S60 FLR        | W B D R L | 250               |                                 |         |       |               | 98                         | 25.1    | 0     | 99            | 99                                 | 27.8    | 0     | 99          | 22.8    | 0     | 96          | 24.7    | 0     |
| 2725 | Horizon HZ 850         | R         | 237               | 102                             | 24.4    | 4     | 99            | 98                         | 24.7    | 6     | 100           | 92                                 | 28.0    | 14    | 94          | 21.9    | 5     | 108         | 24.3    | 1     |
| 2725 | Hyland HL CVR48        | B D R     | 258               | 102                             | 23.7    | 1     | 102           | 100                        | 23.9    | 2     | 102           | 100                                | 27.3    | 5     | 108         | 20.2    | 1     | 93          | 24.1    | 0     |
| 2725 | NK Brand N24A-CB/LL/RW | B D L     | 248               |                                 |         |       |               | 104                        | 23.5    | 3     | 97            | 102                                | 26.2    | 9     | 104         | 20.6    | 1     | 105         | 23.7    | 0     |

Table 2 Cont'd: Elora, Pakenham Wingham

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU                                | Brand and/or Hybrid |             | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------------------------------------|---------------------|-------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |             |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | ELORA                              |         |       | PAKENHAM    |         |       | WINGHAM     |         |       |
|                                    |                     |             |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2725                               | PRIDE Seeds         | A5845G3     | B D R     | 260               | 103                             | 23.6    | 1     | 98            | 100                        | 24.9    | 2     | 99            | 101                                | 27.8    | 3     | 105         | 20.8    | 1     | 95          | 26.1    | 2     |
| 2750                               | Country Farm        | CF330       |           | 253               |                                 |         |       |               | 93                         | 22.5    | 11    | 102           | 91                                 | 25.2    | 25    | 92          | 19.2    | 8     | 96          | 23.0    | 1     |
| 2750                               | Horizon             | HZ 872      | B R L     | 255               |                                 |         |       |               | 103                        | 22.9    | 8     | 99            | 105                                | 26.2    | 18    | 101         | 19.8    | 5     | 102         | 22.8    | 3     |
| 2750                               | NK Brand            | N27B-3111   | W B D R L | 240               |                                 |         |       |               | 105                        | 26.0    | 5     | 97            | 100                                | 29.7    | 14    | 103         | 22.0    | 0     | 111         | 26.2    | 0     |
| 2750                               | PICKSEED            | 2759        |           | 249               |                                 |         |       |               | 111                        | 26.2    | 9     | 94            | 106                                | 29.2    | 26    | 112         | 23.1    | 1     | 115         | 26.3    | 1     |
| 2750                               | Pioneer             | 38N82       | W B R L   | 248               |                                 |         |       |               | 98                         | 25.1    | 2     | 99            | 93                                 | 27.5    | 7     | 99          | 21.8    | 0     | 100         | 25.9    | 0     |
| 2750                               | PRIDE Seeds         | A5848G8     | W B D R L | 246               |                                 |         |       |               | 101                        | 24.0    | 0     | 102           | 99                                 | 26.2    | 1     | 101         | 21.0    | 0     | 102         | 24.7    | 0     |
| 2775                               | Country Farm        | CF370R      | R         | 237               | 96                              | 22.1    | 1     | 100           | 96                         | 23.1    | 1     | 101           | 99                                 | 25.2    | 0     | 96          | 21.2    | 2     | 92          | 22.8    | 0     |
| 2775                               | Country Farm        | CF372       | B R       | 242               |                                 |         |       |               |                            |         |       |               | 97                                 | 25.8    | 5     | 99          | 21.7    | 1     |             |         |       |
| 2775                               | Country Farm        | CF393       | B D R L   | 241               | 104                             | 24.8    | 6     | 99            | 106                        | 25.6    | 9     | 99            | 106                                | 29.3    | 23    | 103         | 22.6    | 1     | 108         | 24.8    | 4     |
| 2775                               | DEKALB              | DKC42-72    | B D R     | 242               | 104                             | 23.8    | 1     | 99            | 102                        | 24.6    | 1     | 99            | 109                                | 27.5    | 1     | 93          | 21.3    | 1     | 105         | 24.9    | 0     |
| 2775                               | Maizex              | MZ 3066DBR  | B R       | 250               |                                 |         |       |               | 103                        | 26.3    | 0     | 96            | 101                                | 30.8    | 1     | 101         | 22.9    | 0     | 106         | 25.3    | 0     |
| 2775                               | PRIDE Seeds         | A6011RR     | R         | 260               | 106                             | 23.3    | 1     | 98            | 105                        | 24.2    | 2     | 99            | 101                                | 27.5    | 5     | 104         | 20.6    | 1     | 109         | 24.6    | 1     |
| 2800                               | DEKALB              | DKC43-10    | B R       | 251               |                                 |         |       |               |                            |         |       |               | 107                                | 29.5    | 2     | 100         | 22.5    | 0     |             |         |       |
| 2800                               | DEKALB              | DKC43-27    | B D R     | 241               | 95                              | 23.1    | 2     | 98            | 93                         | 24.1    | 3     | 99            | 99                                 | 27.5    | 3     | 88          | 20.8    | 6     | 93          | 24.0    | 2     |
| 2800                               | Mycogen Seeds       | 2J337       | B D R     | 259               | 104                             | 24.9    | 1     | 98            | 103                        | 26.0    | 1     | 98            | 100                                | 29.4    | 2     | 107         | 21.9    | 2     | 101         | 26.6    | 0     |
| 2800                               | NK Brand            | N29T-3000GT | B D R L   | 248               |                                 |         |       |               | 111                        | 23.1    | 1     | 97            | 111                                | 25.7    | 4     | 110         | 19.9    | 0     | 112         | 23.6    | 1     |
| 2800                               | PICKSEED            | 2825GSX     | W B D R L | 249               |                                 |         |       |               | 96                         | 25.9    | 6     | 98            | 103                                | 29.2    | 8     | 87          | 23.5    | 10    | 97          | 25.0    | 2     |
| 2800                               | PICKSEED            | 2843RR      | R         | 244               |                                 |         |       |               | 112                        | 27.2    | 1     | 94            | 113                                | 29.8    | 3     | 113         | 24.1    | 1     | 110         | 27.6    | 0     |
| 2800                               | Pioneer             | 38M58       | W B R L   | 246               | 100                             | 25.1    | 1     | 100           | 97                         | 25.8    | 1     | 101           | 98                                 | 30.4    | 1     | 103         | 21.7    | 0     | 90          | 25.3    | 2     |
| 2800                               | Pioneer             | 38M59       | B         | 236               | 99                              | 24.4    | 1     | 101           | 96                         | 25.2    | 1     | 101           | 98                                 | 28.1    | 3     | 98          | 22.2    | 1     | 93          | 25.3    | 0     |
| 2800                               | Pioneer             | P9519HR     | W B R L   | 247               |                                 |         |       |               | 110                        | 25.5    | 0     | 98            | 112                                | 28.6    | 1     | 104         | 22.6    | 0     | 114         | 25.2    | 0     |
| 2800                               | PRIDE Seeds         | A6010G2     | B R       | 262               |                                 |         |       |               | 102                        | 24.5    | 1     | 98            | 105                                | 27.2    | 4     | 96          | 21.5    | 0     | 105         | 24.8    | 0     |
| 2800                               | PRIDE Seeds         | A6012G3     | B D R     | 246               | 106                             | 24.3    | 0     | 99            | 105                        | 25.0    | 0     | 100           | 96                                 | 27.9    | 1     | 110         | 22.1    | 0     | 107         | 24.9    | 0     |
| 2825                               | Hyland              | HL CVR54    | B D R     | 253               |                                 |         |       |               | 109                        | 26.7    | 3     | 97            | 113                                | 30.8    | 7     | 106         | 23.4    | 2     | 106         | 25.9    | 1     |
| 2825                               | Hyland              | HL R238     | R         | 251               | 111                             | 25.1    | 3     | 97            | 110                        | 26.9    | 4     | 97            | 105                                | 30.7    | 10    | 110         | 23.4    | 2     | 115         | 26.7    | 1     |
| 2825                               | Maizex              | MZ 3490SMX  | W B D R L | 243               | 96                              | 24.0    | 0     | 103           | 96                         | 25.5    | 0     | 102           | 100                                | 29.8    | 1     | 88          | 22.3    | 0     | 100         | 24.3    | 0     |
| 2825                               | PICKSEED            | 2844VT2P    | B R       | 242               |                                 |         |       |               | 113                        | 25.6    | 0     | 95            | 111                                | 28.4    | 1     | 118         | 22.0    | 0     | 112         | 26.4    | 0     |
| 2850                               | Elite               | E65D10 LR   | W B D R L | 245               |                                 |         |       |               | 105                        | 25.3    | 1     | 97            | 108                                | 30.1    | 4     | 98          | 21.5    | 0     | 110         | 24.2    | 0     |
| 2850                               | Pioneer             | 38A55       | R         | 255               | 103                             | 24.7    | 0     | 100           | 103                        | 25.9    | 1     | 100           | 105                                | 28.8    | 1     | 107         | 23.2    | 0     | 97          | 25.8    | 1     |
| 2850                               | Pioneer             | 38A57       | W B R L   | 257               | 105                             | 25.1    | 1     | 100           | 105                        | 26.3    | 1     | 100           | 105                                | 29.3    | 2     | 108         | 23.7    | 1     | 102         | 25.9    | 0     |
| 2850                               | Pioneer             | P9623HR     | W B R L   | 240               | 105                             | 25.1    | 1     | 99            | 106                        | 26.3    | 1     | 99            | 109                                | 29.6    | 2     | 104         | 23.5    | 1     | 105         | 25.7    | 0     |
| 2850                               | Pioneer             | P9675XR     | W B D R L | 241               |                                 |         |       |               | 109                        | 25.0    | 7     | 100           | 108                                | 27.8    | 22    | 107         | 22.6    | 0     | 111         | 24.5    | 1     |
| 2875                               | DEKALB              | DKC45-51    | W B D R L | 258               |                                 |         |       |               | 102                        | 29.5    | 1     | 96            | 103                                | 33.8    | 2     | 103         | 25.2    | 0     | 102         | 29.4    | 0     |
| 2875                               | DEKALB              | DKC46-07    | W B D R L | 249               | 105                             | 27.0    | 1     | 100           | 104                        | 27.2    | 1     | 101           | 107                                | 31.0    | 3     | 96          | 23.9    | 0     | 109         | 26.6    | 0     |
| LSD (0.10) for Yield Index Points* |                     |             |           |                   | 2                               |         |       |               | 3                          |         |       |               | 7                                  |         |       | 5           |         |       | 6           |         |       |
| Average all hybrids **             |                     |             |           | 248               | 214                             | 23.1    | 2     | 70            | 211                        | 24.1    | 3     | 68            | 207                                | 27.2    | 7     | 220         | 21.3    | 2     | 207         | 23.9    | 0     |
| European Corn Borer Pressure       |                     |             |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         | Low   |             |         | Low   |             |         |       |

<sup>1</sup> Elora 2010-2011, Pakenham 2010-2011, Wingham 2010-2011<sup>2</sup> Elora, Pakenham, 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.

**Table 3 East: Lancaster, Ottawa, Winchester**

**2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU  | Brand and/or Hybrid    | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|------------------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                        |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | LANCASTER                          |         |       | OTTAWA      |         |       | WINCHESTER  |         |       |
|      |                        |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2600 | Mycogen Seeds 2P176    | B D R     | 233               | 91                              | 21.0    | 0     | 103           | 86                         | 22.1    | 0     | 103           | 87                                 | 19.7    | 0     | 87          | 23.3    | 1     | 84          | 23.3    | 0     |
| 2600 | Pioneer P8906R         | R         | 251               |                                 |         |       |               | 96                         | 21.3    | 0     | 103           | 96                                 | 20.5    | 0     | 88          | 20.3    | 0     | 104         | 23.1    | 0     |
| 2650 | NK Brand N20Y-3000GT   | B D R L   | 256               |                                 |         |       |               | 97                         | 20.0    | 0     | 102           | 96                                 | 18.8    | 0     | 102         | 20.8    | 0     | 93          | 20.4    | 0     |
| 2650 | Pioneer P8906HR        | W B R L   | 248               | 102                             | 21.2    | 0     | 100           | 102                        | 22.1    | 0     | 101           | 101                                | 20.9    | 0     | 105         | 22.1    | 0     | 99          | 23.3    | 0     |
| 2675 | Elite E58L17 R         | R         | 258               |                                 |         |       |               | 99                         | 22.8    | 2     | 100           | 100                                | 20.3    | 4     | 99          | 23.8    | 0     | 99          | 24.3    | 2     |
| 2675 | Horizon HZ 792BtGT     | B R L     | 245               |                                 |         |       |               | 97                         | 20.8    | 3     | 105           | 96                                 | 19.5    | 7     | 97          | 20.9    | 0     | 96          | 21.9    | 3     |
| 2675 | Hyland, Mycogen 8234   | W B D R L | 258               |                                 |         |       |               | 92                         | 21.9    | 0     | 98            | 90                                 | 20.1    | 0     | 92          | 21.8    | 0     | 93          | 23.7    | 0     |
| 2675 | NK Brand N21J-3000GT   | B D R L   | 248               |                                 |         |       |               | 99                         | 21.1    | 1     | 103           | 97                                 | 19.5    | 2     | 99          | 21.4    | 0     | 102         | 22.5    | 0     |
| 2700 | Elite 19A30 RR         | W B D R L | 240               | 90                              | 23.0    | 0     | 98            | 82                         | 24.6    | 0     | 98            | 79                                 | 22.7    | 0     | 93          | 25.8    | 0     | 72          | 25.2    | 0     |
| 2700 | Maizex MZ 3020CBR      | B D R     | 255               | 100                             | 20.8    | 0     | 104           | 96                         | 21.3    | 0     | 104           | 95                                 | 19.0    | 0     | 94          | 22.3    | 0     | 100         | 22.8    | 1     |
| 2700 | NK Brand N23K-3000GT   | B D R L   | 248               | 95                              | 20.0    | 0     | 100           | 93                         | 20.6    | 0     | 100           | 93                                 | 20.4    | 0     | 95          | 20.0    | 0     | 92          | 21.4    | 0     |
| 2700 | PICKSEED 2751GSX       | W B D R L | 254               | 100                             | 21.6    | 3     | 99            | 101                        | 23.6    | 0     | 98            | 103                                | 21.6    | 0     | 99          | 24.2    | 0     | 100         | 25.1    | 0     |
| 2700 | Pioneer 38B14          | W B D R L | 242               | 90                              | 22.3    | 0     | 99            | 89                         | 24.2    | 0     | 100           | 89                                 | 23.1    | 0     | 86          | 24.8    | 1     | 92          | 24.6    | 0     |
| 2700 | Pioneer 38N85          | R         | 245               | 95                              | 21.7    | 2     | 100           | 97                         | 22.6    | 2     | 100           | 98                                 | 21.1    | 2     | 94          | 22.9    | 2     | 99          | 23.7    | 3     |
| 2725 | DEKALB DKC40-22        | W B D R L | 250               | 97                              | 23.0    | 0     | 101           | 93                         | 25.1    | 0     | 102           | 97                                 | 22.4    | 0     | 89          | 27.3    | 0     | 94          | 25.6    | 0     |
| 2725 | Horizon HZ 850         | R         | 245               | 94                              | 22.9    | 4     | 101           | 93                         | 23.6    | 4     | 101           | 93                                 | 21.8    | 7     | 95          | 23.0    | 1     | 92          | 26.0    | 4     |
| 2725 | NK Brand N24A-CB/LL/RW | B D L     | 251               |                                 |         |       |               | 93                         | 21.3    | 0     | 101           | 94                                 | 20.1    | 0     | 89          | 20.4    | 0     | 98          | 23.4    | 0     |
| 2750 | Horizon HZ 872         | B R L     | 250               |                                 |         |       |               | 93                         | 21.3    | 1     | 99            | 91                                 | 19.5    | 0     | 89          | 22.6    | 0     | 98          | 21.9    | 3     |
| 2750 | NK Brand N27B-3111     | W B D R L | 245               |                                 |         |       |               | 100                        | 22.9    | 2     | 98            | 101                                | 21.3    | 6     | 99          | 23.0    | 0     | 100         | 24.4    | 0     |
| 2750 | PICKSEED 2759          |           | 244               |                                 |         |       |               | 104                        | 23.3    | 0     | 97            | 107                                | 21.7    | 0     | 98          | 22.8    | 0     | 108         | 25.4    | 0     |
| 2750 | Pioneer 38N82          | W B R L   | 244               |                                 |         |       |               | 98                         | 22.3    | 0     | 101           | 99                                 | 21.8    | 0     | 96          | 21.0    | 0     | 99          | 24.0    | 0     |
| 2775 | Country Farm CF393     | B D R L   | 245               |                                 |         |       |               | 91                         | 24.4    | 1     | 101           | 77                                 | 23.4    | 4     | 101         | 22.9    | 0     | 93          | 27.0    | 0     |
| 2775 | DEKALB DKC42-72        | B D R     | 243               | 100                             | 21.5    | 0     | 100           | 98                         | 22.5    | 0     | 100           | 100                                | 21.4    | 0     | 100         | 22.3    | 0     | 94          | 23.8    | 0     |
| 2775 | Maizex MZ 3066DBR      | B R       | 252               |                                 |         |       |               | 100                        | 24.4    | 0     | 100           | 100                                | 21.4    | 0     | 103         | 26.0    | 0     | 97          | 25.8    | 0     |
| 2800 | DEKALB DKC43-10        | B R       | 231               |                                 |         |       |               | 105                        | 21.9    | 0     |               | 105                                | 21.9    | 0     |             |         |       | 95          | 26.7    | 0     |
| 2800 | DEKALB DKC43-27        | B D R     | 239               | 95                              | 21.3    | 0     | 100           | 91                         | 22.5    | 0     | 100           | 92                                 | 20.4    | 0     | 92          | 23.3    | 0     | 88          | 24.0    | 0     |
| 2800 | Horizon HZ 942BtGT     | B R L     | 261               | 106                             | 24.0    | 1     | 97            | 104                        | 25.6    | 1     | 98            | 104                                | 24.7    | 1     | 107         | 22.2    | 1     | 101         | 29.9    | 0     |
| 2800 | Maizex MZ 3124BR       | B R L     | 246               | 111                             | 21.1    | 2     | 98            | 111                        | 21.6    | 2     | 100           | 108                                | 19.8    | 3     | 114         | 21.6    | 0     | 113         | 23.4    | 3     |
| 2800 | Maizex MZ 312X         |           | 255               |                                 |         |       |               | 105                        | 22.3    | 5     | 100           | 101                                | 20.3    | 11    | 100         | 23.6    | 2     | 114         | 22.9    | 3     |
| 2800 | Mycogen Seeds 2J337    | B D R     | 257               | 102                             | 21.1    | 0     | 101           | 100                        | 21.9    | 0     | 101           | 99                                 | 20.6    | 1     | 102         | 22.1    | 0     | 99          | 23.0    | 0     |
| 2800 | NK Brand N29T-3000GT   | B D R L   | 249               |                                 |         |       |               | 106                        | 21.1    | 2     | 99            | 104                                | 18.9    | 3     | 105         | 20.9    | 1     | 109         | 23.4    | 2     |
| 2800 | PICKSEED 2825GSX       | W B D R L | 253               | 98                              | 22.2    | 0     | 101           | 97                         | 24.5    | 0     | 101           | 93                                 | 22.9    | 0     | 100         | 24.7    | 0     | 97          | 25.9    | 0     |
| 2800 | PICKSEED 2843RR        | R         | 240               |                                 |         |       |               | 102                        | 24.2    | 1     | 96            | 99                                 | 23.8    | 2     | 105         | 22.8    | 0     | 103         | 25.9    | 1     |
| 2800 | Pioneer 38M58          | W B R L   | 246               | 102                             | 22.4    | 0     | 102           | 104                        | 23.3    | 0     | 104           | 104                                | 22.1    | 0     | 101         | 24.0    | 0     | 108         | 23.7    | 0     |
| 2800 | Pioneer 38M59          | B         | 245               | 100                             | 22.4    | 0     | 103           | 100                        | 23.3    | 0     | 104           | 99                                 | 22.2    | 1     | 99          | 23.0    | 0     | 103         | 24.8    | 0     |
| 2800 | Pioneer P9519HR        | W B R L   | 244               |                                 |         |       |               | 106                        | 22.6    | 0     | 101           | 107                                | 21.1    | 0     | 101         | 22.5    | 0     | 110         | 24.2    | 0     |
| 2800 | PRIDE Seeds A6010G2    | B R       | 255               |                                 |         |       |               | 97                         | 21.2    | 0     | 103           | 94                                 | 19.2    | 1     | 98          | 21.7    | 0     | 100         | 22.8    | 0     |
| 2800 | PRIDE Seeds A6012G3    | B D R     | 253               | 103                             | 20.6    | 0     | 102           | 103                        | 20.9    | 0     | 103           | 101                                | 20.2    | 0     | 107         | 20.0    | 0     | 101         | 22.6    | 0     |
| 2800 | PRIDE Seeds A6030      |           | 254               |                                 |         |       |               | 103                        | 23.5    | 3     | 98            | 103                                | 21.2    | 6     | 101         | 23.6    | 2     | 105         | 25.8    | 1     |
| 2825 | Country Farm CF434     | B R       | 246               | 98                              | 22.3    | 1     | 101           | 98                         | 23.2    | 0     | 100           | 96                                 | 21.0    | 0     | 103         | 24.5    | 0     | 96          | 24.1    | 0     |
| 2825 | Hyland HL CVR54        | B D R     | 245               | 106                             | 22.6    | 0     | 96            | 104                        | 24.0    | 0     | 96            | 105                                | 23.0    | 0     | 103         | 22.7    | 0     | 103         | 26.2    | 0     |
| 2825 | Hyland HL R238         | R         | 240               | 104                             | 22.2    | 3     | 99            | 100                        | 23.3    | 2     | 100           | 104                                | 22.7    | 3     | 95          | 21.4    | 0     | 101         | 25.8    | 4     |
| 2825 | Maizex MZ 3490SMX      | W B D R L | 246               | 95                              | 22.7    | 0     | 102           | 93                         | 24.8    | 0     | 103           | 95                                 | 22.2    | 0     | 94          | 26.3    | 0     | 90          | 25.9    | 0     |
| 2825 | PICKSEED 2844VT2P      | B R       | 240               |                                 |         |       |               | 106                        | 23.3    | 0     | 98            | 113                                | 21.9    | 0     | 99          | 23.5    | 0     | 107         | 24.5    | 0     |
| 2850 | Elite 15W19 RR         | B D R     | 251               | 99                              | 23.5    | 0     | 99            | 98                         | 24.0    | 1     | 100           | 95                                 | 23.2    | 1     | 102         | 23.1    | 1     | 96          | 25.7    | 0     |
| 2850 | Elite E65D10 LR        | W B D R L | 244               |                                 |         |       |               | 98                         | 24.4    | 1     | 100           | 92                                 | 22.9    | 2     | 104         | 24.4    | 0     | 99          | 25.8    | 0     |

Table 3 East Cont'd: Lancaster, Ottawa, Winchester

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU                                | Brand and/or Hybrid   | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------------------------------------|-----------------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                       |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | LANCASTER                          |         |       | OTTAWA      |         |       | WINCHESTER  |         |       |
|                                    |                       |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2850                               | Elite E65F12 R        | B R       | 248               |                                 |         |       |               | 99                         | 24.2    | 0     | 100           | 95                                 | 22.2    | 0     | 107         | 24.6    | 0     | 96          | 25.7    | 0     |
| 2850                               | NK Brand N33R-3000GT  | B D R L   | 260               |                                 |         |       |               | 99                         | 22.7    | 0     | 102           | 100                                | 21.8    | 0     | 100         | 21.9    | 0     | 96          | 24.3    | 0     |
| 2850                               | Pioneer 38A55         | R         | 248               | 97                              | 23.1    | 1     | 103           | 96                         | 24.4    | 1     | 103           | 95                                 | 22.0    | 2     | 94          | 25.1    | 0     | 98          | 26.1    | 0     |
| 2850                               | Pioneer 38A57         | W B R L   | 253               | 102                             | 23.2    | 0     | 103           | 102                        | 24.1    | 0     | 103           | 101                                | 22.5    | 0     | 102         | 24.7    | 0     | 103         | 25.2    | 0     |
| 2850                               | Pioneer P9623HR       | W B R L   | 233               | 102                             | 23.0    | 1     | 102           | 100                        | 24.1    | 2     | 102           | 97                                 | 22.6    | 5     | 100         | 24.0    | 0     | 104         | 25.6    | 0     |
| 2850                               | Pioneer P9675XR       | W B D R L | 242               |                                 |         |       |               | 99                         | 23.7    | 2     | 101           | 100                                | 22.3    | 5     | 94          | 23.1    | 0     | 103         | 25.7    | 0     |
| 2850                               | PRIDE Seeds A6272G8   | W B D R L | 261               |                                 |         |       |               | 106                        | 26.0    | 0     | 98            | 109                                | 24.2    | 1     | 108         | 26.8    | 0     | 99          | 27.1    | 0     |
| 2875                               | Country Farm CF440    |           | 253               | 100                             | 23.7    | 4     | 96            | 96                         | 25.0    | 8     | 98            | 95                                 | 23.6    | 13    | 101         | 24.2    | 1     | 91          | 27.2    | 9     |
| 2875                               | Country Farm CF447VT3 | B D R     | 249               | 101                             | 23.7    | 1     | 100           | 99                         | 24.9    | 0     | 100           | 97                                 | 22.8    | 1     | 98          | 27.1    | 0     | 101         | 24.9    | 0     |
| 2875                               | Country Farm CF455GSX | W B D R L | 243               | 99                              | 24.2    | 0     | 100           | 98                         | 25.9    | 0     | 101           | 98                                 | 24.0    | 1     | 102         | 26.0    | 0     | 94          | 27.6    | 0     |
| 2875                               | DEKALB DKC45-51       | W B D R L | 267               |                                 |         |       |               | 104                        | 27.3    | 0     | 98            | 106                                | 25.6    | 1     | 102         | 26.7    | 0     | 105         | 29.5    | 0     |
| 2875                               | DEKALB DKC46-07       | W B D R L | 249               | 102                             | 23.9    | 0     | 101           | 100                        | 25.2    | 0     | 100           | 100                                | 23.5    | 0     | 100         | 25.0    | 0     | 100         | 27.1    | 0     |
| 2875                               | Hyland, Mycogen 8395  | W B D R L | 260               | 102                             | 23.7    | 0     | 98            | 95                         | 25.8    | 0     | 99            | 102                                | 23.7    | 1     | 93          | 24.5    | 0     | 91          | 29.3    | 0     |
| 2875                               | PRIDE Seeds A6419G2   | B R       | 262               |                                 |         |       |               | 110                        | 23.8    | 0     | 101           | 113                                | 22.1    | 0     | 114         | 23.3    | 0     | 103         | 26.0    | 0     |
| 2900                               | DEKALB DKC44-92       | R         | 242               | 98                              | 24.3    | 2     | 97            | 95                         | 25.7    | 1     | 97            | 94                                 | 23.2    | 2     | 98          | 27.2    | 0     | 92          | 26.7    | 1     |
| 2900                               | DEKALB DKC46-19       | W B D R L | 245               |                                 |         |       |               | 100                        | 26.0    | 1     | 99            | 104                                | 24.0    | 1     | 97          | 25.1    | 0     | 98          | 28.7    | 1     |
| 2900                               | Elite 44S29 RR        | B D R     | 250               | 103                             | 22.2    | 0     | 104           | 102                        | 22.8    | 0     | 105           | 109                                | 21.8    | 1     | 95          | 23.1    | 0     | 103         | 23.5    | 0     |
| 2900                               | Maizex MZ 3872B       | B R L     | 270               | 101                             | 23.0    | 0     | 101           | 101                        | 25.0    | 0     | 102           | 100                                | 22.8    | 0     | 101         | 26.0    | 1     | 102         | 26.1    | 0     |
| 2900                               | Maizex MZ 3977CBR     | B D R     | 258               | 102                             | 23.9    | 1     | 100           | 101                        | 25.6    | 0     | 102           | 100                                | 22.7    | 1     | 106         | 26.7    | 0     | 96          | 27.5    | 0     |
| 2900                               | Mycogen Seeds 2P484   | B D R     | 244               | 105                             | 22.7    | 0     | 99            | 103                        | 24.0    | 0     | 99            | 107                                | 23.9    | 0     | 100         | 22.2    | 1     | 101         | 25.9    | 0     |
| 2900                               | NK Brand N34N-3111    | W B D R L | 252               |                                 |         |       |               | 99                         | 26.4    | 1     | 97            | 95                                 | 25.7    | 3     | 100         | 23.3    | 0     | 102         | 30.3    | 1     |
| 2900                               | PICKSEED 2968GSX      | W B D R L | 249               | 99                              | 22.7    | 0     | 101           | 96                         | 24.6    | 0     | 100           | 94                                 | 23.2    | 0     | 94          | 23.8    | 0     | 100         | 26.9    | 0     |
| 2900                               | Pioneer P9855HR       | W B R L   | 261               | 110                             | 24.7    | 0     | 97            | 109                        | 26.2    | 1     | 98            | 112                                | 24.4    | 0     | 108         | 27.1    | 0     | 106         | 27.1    | 2     |
| 2900                               | PRIDE Seeds A6535G8   | W B D R L | 257               | 106                             | 25.5    | 0     | 100           | 107                        | 26.7    | 0     | 99            | 109                                | 23.6    | 0     | 107         | 26.9    | 0     | 104         | 29.7    | 0     |
| 2925                               | DEKALB DKC48-37       | B D R     | 251               | 101                             | 23.3    | 0     | 101           | 100                        | 24.9    | 0     | 101           | 101                                | 22.9    | 1     | 101         | 26.0    | 0     | 98          | 25.7    | 0     |
| 2925                               | Hyland HL 4420        | W B D R L | 271               |                                 |         |       |               | 100                        | 29.6    | 0     | 100           | 103                                | 28.1    | 0     | 99          | 28.2    | 0     | 98          | 32.4    | 0     |
| 2950                               | DEKALB DKC48-12       | W B D R L | 243               |                                 |         |       |               | 105                        | 25.1    | 0     | 97            | 109                                | 24.1    | 0     | 99          | 23.4    | 0     | 106         | 27.9    | 0     |
| 2950                               | NK Brand N38U-3000GT  | B D R L   | 236               |                                 |         |       |               | 94                         | 25.1    | 3     | 98            | 91                                 | 23.5    | 5     | 98          | 24.8    | 1     | 91          | 27.0    | 2     |
| 2950                               | PICKSEED 2971         |           | 252               |                                 |         |       |               | 109                        | 27.2    | 2     | 101           | 111                                | 25.6    | 6     | 111         | 26.9    | 0     | 106         | 29.0    | 0     |
| 2950                               | Pioneer 37V63         | W B D R L | 249               |                                 |         |       |               | 103                        | 25.8    | 0     | 97            | 106                                | 23.9    | 0     | 97          | 24.1    | 0     | 107         | 29.5    | 0     |
| 2950                               | Pioneer P9807HR       | W B R L   | 257               |                                 |         |       |               | 111                        | 28.3    | 1     | 95            | 114                                | 26.4    | 3     | 107         | 28.0    | 0     | 111         | 30.5    | 0     |
| 2950                               | Pioneer P9910XR       | W B D R L | 257               |                                 |         |       |               | 109                        | 25.0    | 0     | 95            | 110                                | 24.8    | 0     | 108         | 23.5    | 0     | 108         | 26.8    | 0     |
| 2950                               | Pioneer P9917XR       | W B D R L | 241               |                                 |         |       |               | 108                        | 25.7    | 0     | 98            | 107                                | 24.0    | 0     | 109         | 25.3    | 0     | 108         | 27.7    | 0     |
| 2950                               | PRIDE Seeds A6840G2   | B R       | 249               |                                 |         |       |               | 105                        | 23.8    | 0     | 100           | 104                                | 22.0    | 0     | 101         | 23.3    | 0     | 110         | 26.1    | 0     |
| 2975                               | Maizex MZ 3969CBR     | B D R     | 240               | 105                             | 23.9    | 1     | 98            | 102                        | 24.4    | 1     | 99            | 104                                | 24.7    | 1     | 102         | 24.0    | 1     | 100         | 24.5    | 0     |
| 2975                               | Maizex MZ 3980R       | R         | 257               |                                 |         |       |               | 106                        | 27.6    | 1     | 102           | 105                                | 26.7    | 3     | 102         | 27.0    | 0     | 110         | 29.1    | 0     |
| 2975                               | NK Brand N39M-3111    | W B D R L | 241               |                                 |         |       |               | 99                         | 27.3    | 1     | 98            | 95                                 | 25.9    | 3     | 106         | 27.3    | 1     | 95          | 28.7    | 0     |
| 3000                               | DEKALB DKC49-94       | W B D R L | 240               | 100                             | 26.2    | 0     | 97            | 99                         | 27.8    | 0     | 97            | 101                                | 27.1    | 0     | 102         | 27.7    | 0     | 93          | 28.6    | 0     |
| 3000                               | Pioneer P0125R        | R         | 262               |                                 |         |       |               | 111                        | 25.4    | 2     | 103           | 111                                | 24.8    | 4     | 106         | 22.8    | 2     | 117         | 28.7    | 0     |
| 3050                               | Pioneer P0118HR       | W B R L   | 250               |                                 |         |       |               | 114                        | 26.4    | 0     | 96            | 117                                | 25.9    | 0     | 109         | 24.9    | 0     | 117         | 28.4    | 0     |
| 3050                               | Pioneer P0125HR       | W B R L   | 262               |                                 |         |       |               | 117                        | 28.6    | 0     | 99            | 121                                | 26.7    | 1     | 113         | 26.7    | 0     | 117         | 32.4    | 0     |
| LSD (0.10) for Yield Index Points* |                       |           |                   |                                 |         |       |               | 2                          |         |       |               | 3                                  |         |       | 4           |         |       | 5           |         |       |
| Average all hybrids **             |                       |           | 249               | 234                             | 22.7    | 1     | 69            | 230                        | 24.1    | 1     | 68            | 232                                | 22.5    | 2     | 239         | 23.9    | 0     | 217         | 25.8    | 1     |
| European Corn Borer Pressure       |                       |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         | Low   |             |         | Low   |             |         |       |

<sup>1</sup> Lancaster 2010-2011, Ottawa 2010-2011, Winchester 2010-2011

<sup>2</sup> Lancaster, Ottawa, 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.

Table 3 West: Blyth, Dublin, Waterloo

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU  | Brand and/or Hybrid    | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|------------------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                        |           |                   | average of 4 trials             |         |       |               | average of 3 trials        |         |       |               | BLYTH                              |         |       | DUBLIN      |         |       | WATERLOO    |         |       |
|      |                        |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2600 | Pioneer P8906R         | R         | 198               |                                 |         |       |               | 94                         | 25.4    | 2     | 104           | 91                                 | 23.2    | 2     | 93          | 21.5    | 3     | 100         | 31.5    | 0     |
| 2650 | Pioneer P8906HR        | W B R L   | 193               | 98                              | 24.5    | 0     | 103           | 96                         | 25.1    | 0     | 104           | 99                                 | 22.6    | 0     | 97          | 22.0    | 1     | 94          | 30.8    | 0     |
| 2675 | Elite E58L17 R         | R         | 217               |                                 |         |       |               | 99                         | 26.9    | 2     | 100           | 99                                 | 25.9    | 4     | 97          | 22.6    | 1     | 102         | 32.0    | 0     |
| 2675 | Hyland, Mycogen 8234   | W B D R L | 202               |                                 |         |       |               | 88                         | 25.2    | 1     | 100           | 92                                 | 22.5    | 2     | 86          | 22.2    | 0     | 88          | 31.0    | 0     |
| 2675 | NK Brand N21J-3000GT   | B D R L   | 192               |                                 |         |       |               | 97                         | 23.6    | 1     | 104           | 94                                 | 21.5    | 2     | 100         | 19.9    | 0     | 98          | 29.2    | 0     |
| 2700 | Elite 19A30 RR         | W B D R L | 197               | 94                              | 26.1    | 0     | 98            | 91                         | 26.3    | 0     | 99            | 92                                 | 25.0    | 0     | 94          | 22.9    | 0     | 86          | 31.1    | 0     |
| 2700 | Maizex MZ 3020CBR      | B D R     | 216               | 97                              | 25.3    | 2     | 102           | 95                         | 25.7    | 2     | 102           | 99                                 | 24.8    | 6     | 96          | 22.0    | 0     | 90          | 30.2    | 0     |
| 2700 | NK Brand N23K-3000GT   | B D R L   | 212               | 98                              | 23.3    | 5     | 102           | 97                         | 23.5    | 6     | 101           | 96                                 | 21.6    | 14    | 93          | 20.9    | 3     | 100         | 27.9    | 1     |
| 2700 | PICKSEED 2751GSX       | W B D R L | 209               | 103                             | 25.9    | 0     | 100           | 100                        | 26.8    | 0     | 101           | 106                                | 24.8    | 0     | 97          | 23.4    | 0     | 98          | 32.4    | 0     |
| 2700 | Pioneer 38B14          | W B D R L | 193               |                                 |         |       |               |                            |         |       |               | 87                                 | 22.8    | 0     |             |         |       | 98          | 29.5    | 0     |
| 2700 | Pioneer 38N85          | R         | 210               | 94                              | 26.1    | 1     | 101           | 93                         | 26.1    | 2     | 103           | 90                                 | 24.0    | 2     | 92          | 22.0    | 3     | 98          | 32.2    | 0     |
| 2725 | DEKALB DKC40-22        | W B D R L | 206               | 97                              | 26.5    | 0     | 101           | 93                         | 27.0    | 0     | 103           | 93                                 | 25.4    | 1     | 91          | 22.6    | 0     | 96          | 32.8    | 0     |
| 2725 | Horizon HZ 844GT       | R         | 226               |                                 |         |       |               | 92                         | 26.4    | 9     | 101           | 96                                 | 25.1    | 14    | 80          | 22.6    | 13    | 100         | 31.4    | 0     |
| 2725 | NK Brand N24A-CB/LL/RW | B D L     | 206               |                                 |         |       |               | 95                         | 23.7    | 3     | 100           | 99                                 | 21.5    | 3     | 97          | 21.4    | 7     | 91          | 28.3    | 0     |
| 2750 | Horizon HZ 872         | B R L     | 222               |                                 |         |       |               | 96                         | 24.7    | 1     | 102           | 101                                | 22.9    | 3     | 97          | 21.2    | 2     | 92          | 30.0    | 0     |
| 2750 | NK Brand N27B-3111     | W B D R L | 207               |                                 |         |       |               | 99                         | 26.3    | 4     | 98            | 106                                | 24.8    | 5     | 89          | 22.8    | 5     | 102         | 31.2    | 2     |
| 2750 | PICKSEED 2759          |           | 206               |                                 |         |       |               | 104                        | 28.4    | 2     | 97            | 105                                | 27.0    | 4     | 103         | 23.8    | 3     | 106         | 34.4    | 0     |
| 2750 | Pioneer 38N82          | W B R L   | 210               |                                 |         |       |               | 97                         | 26.8    | 4     | 102           | 94                                 | 24.3    | 8     | 99          | 22.8    | 3     | 99          | 33.2    | 0     |
| 2775 | Country Farm CF393     | B D R L   | 195               |                                 |         |       |               | 99                         | 27.0    | 7     | 99            | 95                                 | 24.6    | 13    | 102         | 23.4    | 8     | 100         | 33.1    | 0     |
| 2775 | DEKALB DKC42-72        | B D R     | 199               | 99                              | 26.6    | 0     | 99            | 97                         | 27.1    | 0     | 101           | 93                                 | 25.6    | 0     | 97          | 22.9    | 0     | 102         | 32.9    | 0     |
| 2775 | Maizex MZ 3066DBR      | B R       | 208               |                                 |         |       |               | 103                        | 28.6    | 0     | 98            | 99                                 | 27.6    | 0     | 102         | 24.0    | 0     | 108         | 34.3    | 0     |
| 2800 | DEKALB DKC43-10        | B R       | 209               |                                 |         |       |               |                            |         |       |               | 103                                | 24.9    | 1     |             |         |       | 96          | 33.4    | 0     |
| 2800 | DEKALB DKC43-27        | B D R     | 199               | 93                              | 25.9    | 0     | 100           | 92                         | 26.7    | 0     | 100           | 96                                 | 24.9    | 0     | 88          | 22.8    | 1     | 92          | 32.4    | 0     |
| 2800 | Maizex MZ 3124BR       | B R L     | 218               | 109                             | 24.7    | 3     | 99            | 107                        | 25.0    | 3     | 100           | 106                                | 23.5    | 5     | 105         | 21.4    | 3     | 111         | 29.9    | 0     |
| 2800 | Maizex MZ 312X         |           | 216               |                                 |         |       |               | 107                        | 25.4    | 2     | 99            | 107                                | 23.2    | 6     | 105         | 21.9    | 2     | 110         | 31.0    | 0     |
| 2800 | Mycogen Seeds 2J337    | B D R     | 208               | 98                              | 27.7    | 0     | 98            | 94                         | 28.5    | 0     | 98            | 94                                 | 27.8    | 0     | 95          | 24.9    | 0     | 94          | 32.8    | 0     |
| 2800 | NK Brand N29T-3000GT   | B D R L   | 213               |                                 |         |       |               | 103                        | 24.2    | 2     | 99            | 99                                 | 23.3    | 3     | 103         | 20.3    | 2     | 107         | 28.8    | 0     |
| 2800 | PICKSEED 2825GSX       | W B D R L | 201               | 98                              | 27.2    | 3     | 99            | 95                         | 28.2    | 4     | 100           | 98                                 | 26.4    | 5     | 93          | 23.7    | 7     | 95          | 34.5    | 1     |
| 2800 | PICKSEED 2843RR        | R         | 201               |                                 |         |       |               | 104                        | 29.4    | 0     | 97            | 102                                | 27.5    | 1     | 111         | 25.4    | 0     | 101         | 35.2    | 0     |
| 2800 | Pioneer 38M58          | W B R L   | 202               | 99                              | 27.2    | 1     | 101           | 95                         | 27.7    | 1     | 101           | 96                                 | 25.8    | 4     | 95          | 23.6    | 0     | 95          | 33.6    | 0     |
| 2800 | Pioneer 38M59          | B         | 203               | 96                              | 26.6    | 1     | 102           | 93                         | 27.0    | 1     | 103           | 97                                 | 26.0    | 3     | 88          | 22.6    | 0     | 94          | 32.5    | 0     |
| 2800 | Pioneer P9519HR        | W B R L   | 212               |                                 |         |       |               | 107                        | 27.6    | 0     | 100           | 108                                | 26.0    | 0     | 108         | 23.7    | 0     | 107         | 33.1    | 0     |
| 2800 | PRIDE Seeds A6010G2    | B R       | 221               |                                 |         |       |               | 98                         | 27.1    | 2     | 100           | 98                                 | 26.8    | 1     | 95          | 23.3    | 5     | 102         | 31.3    | 0     |
| 2800 | PRIDE Seeds A6012G3    | B D R     | 226               | 99                              | 27.1    | 0     | 99            | 94                         | 27.8    | 0     | 99            | 87                                 | 27.2    | 0     | 95          | 24.3    | 0     | 100         | 32.0    | 0     |
| 2800 | PRIDE Seeds A6030      |           | 207               |                                 |         |       |               | 106                        | 27.1    | 1     | 99            | 105                                | 25.0    | 0     | 106         | 23.0    | 2     | 108         | 33.3    | 0     |
| 2825 | Country Farm CF434     | B R       | 210               | 101                             | 26.4    | 0     | 101           | 100                        | 26.4    | 0     | 102           | 105                                | 25.1    | 0     | 97          | 22.7    | 0     | 99          | 31.5    | 0     |
| 2825 | Hyland HL CVR54        | B D R     | 209               | 102                             | 27.5    | 3     | 98            | 101                        | 27.9    | 4     | 98            | 106                                | 26.0    | 5     | 97          | 23.5    | 7     | 100         | 34.3    | 0     |
| 2825 | Hyland HL R238         | R         | 202               | 106                             | 27.4    | 8     | 98            | 104                        | 28.0    | 11    | 98            | 107                                | 25.7    | 8     | 102         | 23.9    | 23    | 103         | 34.4    | 1     |
| 2825 | Maizex MZ 3490SMX      | W B D R L | 201               | 97                              | 26.7    | 1     | 103           | 94                         | 27.5    | 1     | 104           | 92                                 | 25.3    | 0     | 97          | 23.9    | 3     | 93          | 33.3    | 0     |
| 2825 | PICKSEED 2844VT2P      | B R       | 208               |                                 |         |       |               | 107                        | 28.9    | 0     | 97            | 105                                | 28.9    | 0     | 112         | 23.0    | 0     | 104         | 34.7    | 0     |
| 2850 | Elite 15W19 RR         | B D R     | 212               | 96                              | 27.7    | 3     | 99            | 92                         | 28.7    | 4     | 100           | 94                                 | 27.8    | 2     | 90          | 25.7    | 9     | 92          | 32.7    | 2     |
| 2850 | Elite E65D10 LR        | W B D R L | 198               |                                 |         |       |               | 100                        | 27.9    | 1     | 100           | 97                                 | 25.7    | 1     | 97          | 24.0    | 3     | 106         | 33.9    | 0     |
| 2850 | Elite E65F12 R         | B R       | 203               |                                 |         |       |               | 97                         | 27.8    | 0     | 101           | 98                                 | 26.3    | 0     | 94          | 24.9    | 0     | 100         | 32.1    | 0     |
| 2850 | Masters Choice MC-493  |           | 198               |                                 |         |       |               |                            |         |       |               |                                    |         |       | 65          | 24.5    | 10    | 96          | 30.9    | 0     |
| 2850 | NK Brand N33R-3000GT   | B D R L   | 210               |                                 |         |       |               | 105                        | 25.9    | 2     | 101           | 106                                | 23.7    | 0     | 115         | 22.5    | 6     | 95          | 31.4    | 0     |

Table 3 West Cont'd: Blyth, Dublin, Waterloo

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU  | Brand and/or Hybrid                |             | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|------------------------------------|-------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                                    |             |           |                   | average of 4 trials             |         |       |               | average of 3 trials        |         |       |               | BLYTH                              |         |       | DUBLIN      |         |       | WATERLOO    |         |       |
|      |                                    |             |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2850 | Pioneer                            | 38A55       | R         | 209               | 96                              | 27.4    | 1     | 102           | 93                         | 27.7    | 1     | 103           | 92                                 | 26.5    | 0     | 89          | 24.5    | 1     | 99          | 32.3    | 1     |
| 2850 | Pioneer                            | 38A57       | W B R L   | 222               | 102                             | 27.3    | 0     | 103           | 99                         | 27.8    | 0     | 104           | 99                                 | 26.4    | 0     | 102         | 24.6    | 0     | 98          | 32.3    | 0     |
| 2850 | Pioneer                            | P9623HR     | W B R L   | 196               | 102                             | 28.2    | 0     | 99            | 102                        | 28.4    | 0     | 100           | 102                                | 26.4    | 1     | 102         | 26.5    | 0     | 102         | 32.2    | 0     |
| 2850 | Pioneer                            | P9675XR     | W B D R L | 200               |                                 |         |       |               | 103                        | 26.7    | 1     | 101           | 103                                | 24.4    | 2     | 108         | 23.5    | 2     | 99          | 32.1    | 0     |
| 2850 | PRIDE Seeds                        | A6272G8     | W B D R L | 217               |                                 |         |       |               | 106                        | 29.3    | 0     | 98            | 107                                | 28.6    | 0     | 104         | 25.0    | 0     | 109         | 34.4    | 0     |
| 2875 | Country Farm                       | CF440       |           | 214               | 105                             | 25.8    | 4     | 96            | 105                        | 25.8    | 4     | 97            | 103                                | 24.2    | 6     | 111         | 22.1    | 5     | 104         | 31.0    | 1     |
| 2875 | Country Farm                       | CF447VT3    | B D R     | 201               | 95                              | 27.6    | 1     | 101           | 93                         | 28.3    | 1     | 101           | 91                                 | 27.1    | 2     | 98          | 24.0    | 1     | 92          | 33.7    | 0     |
| 2875 | Country Farm                       | CF454R      | R         | 211               | 97                              | 26.2    | 2     | 102           | 98                         | 26.6    | 2     | 103           | 101                                | 24.1    | 4     | 95          | 23.9    | 1     | 99          | 31.9    | 0     |
| 2875 | Country Farm                       | CF455GSX    | W B D R L | 201               |                                 |         |       |               | 95                         | 28.6    | 1     | 101           | 94                                 | 27.0    | 3     | 95          | 24.8    | 0     | 98          | 33.9    | 0     |
| 2875 | DEKALB                             | DKC45-51    | W B D R L | 219               |                                 |         |       |               | 100                        | 30.8    | 0     | 98            | 100                                | 30.1    | 0     | 100         | 27.2    | 0     | 102         | 35.2    | 0     |
| 2875 | DEKALB                             | DKC46-07    | W B D R L | 201               | 100                             | 28.5    | 0     | 102           | 97                         | 28.6    | 0     | 103           | 103                                | 26.0    | 1     | 96          | 25.6    | 0     | 93          | 34.2    | 0     |
| 2875 | Hyland, Mycogen                    | 8395        | W B D R L | 228               | 102                             | 27.5    | 1     | 97            | 99                         | 27.3    | 2     | 98            | 98                                 | 26.2    | 4     | 105         | 24.0    | 1     | 96          | 31.7    | 0     |
| 2875 | PRIDE Seeds                        | A6419G2     | B R       | 221               |                                 |         |       |               | 104                        | 27.7    | 3     | 104           | 107                                | 25.8    | 5     | 99          | 23.8    | 3     | 107         | 33.6    | 0     |
| 2900 | DEKALB                             | DKC44-92    | R         | 211               | 104                             | 27.9    | 1     | 99            | 103                        | 28.7    | 2     | 100           | 102                                | 27.6    | 3     | 102         | 24.7    | 2     | 104         | 33.9    | 0     |
| 2900 | DEKALB                             | DKC46-19    | W B D R L | 203               |                                 |         |       |               | 102                        | 29.9    | 0     | 101           | 102                                | 28.9    | 0     | 104         | 25.4    | 0     | 100         | 35.5    | 0     |
| 2900 | Elite                              | 44S29 RR    | B D R     | 212               | 103                             | 28.2    | 1     | 103           | 99                         | 28.4    | 2     | 103           | 95                                 | 26.2    | 3     | 109         | 25.5    | 2     | 95          | 33.6    | 0     |
| 2900 | Maizex                             | MZ 3872B    | B R L     | 207               | 97                              | 26.6    | 2     | 100           | 96                         | 26.8    | 3     | 101           | 96                                 | 25.7    | 3     | 100         | 21.9    | 7     | 92          | 32.7    | 0     |
| 2900 | Maizex                             | MZ 3977CBR  | B D R     | 222               | 104                             | 28.5    | 2     | 100           | 103                        | 28.5    | 3     | 101           | 100                                | 26.3    | 2     | 105         | 25.1    | 7     | 104         | 34.2    | 0     |
| 2900 | Mycogen Seeds                      | 2P484       | B D R     | 208               | 103                             | 28.2    | 4     | 97            | 100                        | 29.0    | 5     | 98            | 101                                | 28.0    | 2     | 101         | 24.5    | 15    | 98          | 34.6    | 0     |
| 2900 | NK Brand                           | N34N-3111   | W B D R L | 208               |                                 |         |       |               | 97                         | 28.6    | 4     | 96            | 94                                 | 26.9    | 8     | 100         | 25.2    | 3     | 98          | 33.6    | 0     |
| 2900 | PICKSEED                           | 2968GSX     | W B D R L | 220               | 98                              | 28.6    | 0     | 98            | 96                         | 29.3    | 0     | 99            | 92                                 | 28.3    | 0     | 101         | 25.6    | 0     | 94          | 34.1    | 0     |
| 2900 | Pioneer                            | P9855HR     | W B R L   | 217               | 108                             | 28.6    | 1     | 99            | 106                        | 28.5    | 1     | 100           | 104                                | 26.7    | 3     | 109         | 25.0    | 1     | 106         | 33.7    | 0     |
| 2900 | PRIDE Seeds                        | A6535G8     | W B D R L | 225               | 109                             | 29.6    | 1     | 101           | 109                        | 29.6    | 1     | 102           | 105                                | 27.3    | 3     | 109         | 25.8    | 0     | 114         | 35.7    | 0     |
| 2925 | DEKALB                             | DKC48-37    | B D R     | 200               | 101                             | 27.9    | 0     | 101           | 98                         | 28.4    | 0     | 101           | 94                                 | 27.1    | 0     | 101         | 24.3    | 1     | 99          | 33.7    | 0     |
| 2925 | Hyland                             | HL 4420     | W B D R L | 229               |                                 |         |       |               | 102                        | 31.6    | 0     | 99            | 97                                 | 30.1    | 0     | 106         | 28.0    | 0     | 104         | 36.8    | 0     |
| 2950 | DEKALB                             | DKC48-12    | W B D R L | 213               |                                 |         |       |               | 105                        | 30.1    | 0     | 97            | 104                                | 29.0    | 0     | 103         | 25.8    | 1     | 108         | 35.4    | 0     |
| 2950 | NK Brand                           | N38U-3000GT | B D R L   | 204               |                                 |         |       |               | 94                         | 30.1    | 5     | 98            | 90                                 | 29.1    | 14    | 95          | 26.6    | 0     | 97          | 34.5    | 1     |
| 2950 | PICKSEED                           | 2971        |           | 228               |                                 |         |       |               | 107                        | 30.6    | 16    | 97            | 110                                | 29.5    | 30    | 109         | 27.1    | 19    | 104         | 35.1    | 0     |
| 2950 | Pioneer                            | 37V63       | W B D R L | 216               |                                 |         |       |               | 102                        | 27.3    | 0     | 102           | 104                                | 25.3    | 0     | 102         | 22.9    | 0     | 101         | 33.6    | 0     |
| 2950 | Pioneer                            | P9807HR     | W B R L   | 208               |                                 |         |       |               | 109                        | 28.6    | 0     | 98            | 110                                | 26.6    | 1     | 112         | 24.9    | 0     | 105         | 34.4    | 0     |
| 2950 | Pioneer                            | P9910XR     | W B D R L | 222               |                                 |         |       |               | 118                        | 28.8    | 0     | 95            | 117                                | 27.8    | 0     | 122         | 24.8    | 0     | 115         | 33.8    | 0     |
| 2950 | Pioneer                            | P9917XR     | W B D R L | 206               |                                 |         |       |               | 109                        | 28.7    | 0     | 99            | 108                                | 27.7    | 0     | 112         | 25.7    | 1     | 107         | 32.6    | 0     |
| 2950 | PRIDE Seeds                        | A6840G2     | B R       | 210               |                                 |         |       |               | 98                         | 28.7    | 0     | 99            | 98                                 | 26.8    | 0     | 97          | 25.3    | 0     | 98          | 34.0    | 0     |
| 2975 | Maizex                             | MZ 3969CBR  | B D R     | 202               | 102                             | 29.3    | 2     | 98            | 97                         | 29.3    | 2     | 99            | 100                                | 28.7    | 4     | 96          | 25.2    | 3     | 97          | 34.0    | 0     |
| 2975 | Maizex                             | MZ 3980R    | R         | 216               |                                 |         |       |               | 104                        | 29.5    | 1     | 102           | 102                                | 28.0    | 1     | 113         | 25.9    | 1     | 97          | 34.6    | 0     |
| 2975 | NK Brand                           | N39M-3111   | W B D R L | 198               |                                 |         |       |               | 103                        | 30.3    | 5     | 98            | 97                                 | 29.2    | 7     | 108         | 26.8    | 8     | 105         | 34.8    | 0     |
| 3000 | DEKALB                             | DKC49-94    | W B D R L | 212               |                                 |         |       |               | 102                        | 30.4    | 0     | 98            | 96                                 | 28.3    | 0     | 102         | 26.1    | 0     | 108         | 36.9    | 0     |
| 3000 | Pioneer                            | P0125R      | R         | 217               |                                 |         |       |               | 112                        | 29.0    | 1     | 100           | 119                                | 27.8    | 1     | 118         | 25.1    | 3     | 100         | 34.2    | 0     |
| 3050 | Pioneer                            | P0118HR     | W B R L   | 225               |                                 |         |       |               | 116                        | 29.2    | 1     | 96            | 121                                | 27.3    | 0     | 119         | 24.9    | 2     | 108         | 35.4    | 1     |
| 3050 | Pioneer                            | P0125HR     | W B R L   | 235               |                                 |         |       |               | 115                        | 30.3    | 2     | 98            | 122                                | 28.4    | 4     | 112         | 26.7    | 1     | 111         | 35.9    | 0     |
|      | LSD (0.10) for Yield Index Points* |             |           |                   | 4                               |         |       |               | 4                          |         |       |               | 4                                  |         |       | 8           |         |       | 8           |         |       |
|      | Average all hybrids **             |             |           | 209               | 203                             | 27.1    | 1     | 67            | 204                        | 27.7    | 2     | 66            | 210                                | 26.1    | 3     | 197         | 24.0    | 3     | 203         | 33.0    | 0     |
|      | European Corn Borer Pressure       |             |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         |       | Low         |         |       | Low         |         |       |

<sup>1</sup> Blyth 2011, Dublin 2011, Waterloo 2010-2011<sup>2</sup> Blyth, Dublin, 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.





**Table 4 Continued: Exeter, Ilderton, Thorndale, Woodstock**

**2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU                                | Brand and/or Hybrid    | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |             |         |       |
|------------------------------------|------------------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                        |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | EXETER                             |         |       | ILDERTON    |         |       | THORNDALE   |         |       | WOODSTOCK   |         |       |
|                                    |                        |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 3000                               | Maizex MZ 4030SMX      | W B D R L | 235               |                                 |         |       |               | 102                        | 27.5    | 4     | 99            | 102                                | 30.6    | 9     | 104         | 23.8    | 1     | 101         | 30.6    | 9     | 101         | 28.2    | 2     |
| 3000                               | Maizex MZ 4092DBR      | B R       | 245               |                                 |         |       |               | 102                        | 28.8    | 2     | 101           | 102                                | 32.2    | 1     | 109         | 25.8    | 0     | 101         | 32.2    | 1     | 96          | 28.5    | 6     |
| 3000                               | Maizex MZ 409X         |           | 234               | 102                             | 26.7    | 2     | 101           | 103                        | 29.0    | 3     | 102           | 102                                | 32.3    | 6     | 105         | 25.4    | 2     | 102         | 32.3    | 6     | 101         | 29.1    | 2     |
| 3000                               | Pioneer P0125R         | R         | 239               | 107                             | 25.1    | 2     | 100           | 105                        | 27.8    | 5     | 100           | 101                                | 31.0    | 3     | 103         | 23.7    | 8     | 101         | 31.0    | 3     | 111         | 28.7    | 3     |
| 3000                               | PRIDE Seeds A7057G3    | B D R     | 233               | 104                             | 27.1    | 6     | 102           | 102                        | 29.4    | 11    | 101           | 94                                 | 32.2    | 28    | 106         | 26.8    | 3     | 93          | 32.2    | 28    | 104         | 29.3    | 2     |
| 3050                               | Country Farm CF614     | B R       | 216               |                                 |         |       |               | 97                         | 28.7    | 1     | 101           | 99                                 | 32.4    | 1     | 94          | 24.5    | 0     | 99          | 32.4    | 1     | 98          | 29.1    | 1     |
| 3050                               | Hyland 8524            | W B D R L | 232               | 101                             | 28.3    | 4     | 98            | 99                         | 30.6    | 7     | 99            | 103                                | 32.4    | 14    | 103         | 28.1    | 0     | 102         | 32.4    | 14    | 93          | 31.3    | 8     |
| 3050                               | Hyland 8526            | W B D R L | 235               |                                 |         |       |               |                            |         |       |               | 105                                | 30.1    | 3     |             |         |       |             |         |       | 96          | 32.3    | 2     |
| 3050                               | Hyland HL 3505         | R         | 235               |                                 |         |       |               |                            |         |       |               |                                    |         |       |             |         |       |             |         |       | 105         | 29.1    | 1     |
| 3050                               | NK Brand N45P-CB/LL/RW | B D L     | 240               |                                 |         |       |               | 105                        | 27.9    | 5     | 100           | 100                                | 30.7    | 11    | 109         | 25.5    | 1     | 100         | 30.7    | 11    | 105         | 27.4    | 4     |
| 3050                               | NK Brand N46U-3000GT   | B D R L   | 237               |                                 |         |       |               | 107                        | 28.4    | 17    | 99            | 108                                | 31.5    | 45    | 112         | 25.2    | 3     | 107         | 31.5    | 45    | 103         | 28.6    | 4     |
| 3050                               | Pioneer P0118HR        | W B R L   | 237               | 111                             | 25.6    | 2     | 97            | 113                        | 28.1    | 3     | 98            | 114                                | 29.9    | 6     | 111         | 25.2    | 3     | 113         | 29.9    | 6     | 114         | 29.1    | 1     |
| 3050                               | Pioneer P0125HR        | W B R L   | 245               | 110                             | 26.1    | 1     | 98            | 110                        | 28.5    | 2     | 99            | 113                                | 31.4    | 0     | 103         | 24.9    | 2     | 113         | 31.4    | 0     | 115         | 29.2    | 3     |
| 3050                               | PRIDE Seeds A7004G8    | W B D R L | 241               |                                 |         |       |               | 101                        | 29.5    | 2     | 98            | 101                                | 31.5    | 6     | 99          | 26.2    | 0     | 101         | 31.5    | 6     | 102         | 31.0    | 0     |
| 3050                               | PRIDE Seeds A7161G3    | B D R     | 220               | 106                             | 26.9    | 3     | 98            | 105                        | 30.0    | 5     | 98            | 104                                | 32.3    | 6     | 112         | 28.0    | 9     | 104         | 32.3    | 6     | 99          | 29.6    | 1     |
| 3075                               | DEKALB DKC50-45        | W B D R L | 224               | 109                             | 28.3    | 2     | 97            | 107                        | 30.6    | 3     | 98            | 101                                | 34.2    | 7     | 112         | 27.3    | 0     | 101         | 34.2    | 7     | 106         | 30.4    | 2     |
| 3100                               | DEKALB DKC52-03        | W B D R L | 221               |                                 |         |       |               | 107                        | 30.2    | 2     | 99            | 109                                | 33.4    | 5     | 110         | 27.1    | 1     | 108         | 33.4    | 5     | 102         | 30.2    | 1     |
| 3100                               | DEKALB DKC52-59        | B D R     | 216               | 107                             | 26.7    | 2     | 99            | 108                        | 29.4    | 3     | 99            | 93                                 | 33.1    | 0     | 121         | 26.2    | 6     |             |         |       | 109         | 29.0    | 2     |
| 3100                               | DEKALB DKC52-62        | R         | 226               | 106                             | 26.5    | 2     | 100           | 105                        | 29.2    | 4     | 100           | 104                                | 32.3    | 5     | 106         | 26.6    | 5     | 104         | 32.3    | 5     | 105         | 28.8    | 1     |
| 3100                               | Horizon HZ 1055BtGt    | B R L     | 233               |                                 |         |       |               | 104                        | 31.3    | 2     | 98            | 104                                | 35.0    | 2     | 107         | 27.5    | 2     | 104         | 35.0    | 2     | 101         | 31.3    | 2     |
| 3100                               | Hyland, Mycogen 8552   | W B D R L | 237               |                                 |         |       |               | 108                        | 31.1    | 3     | 97            | 114                                | 33.7    | 3     | 104         | 27.4    | 4     | 114         | 33.7    | 3     | 105         | 32.2    | 1     |
| 3100                               | Masters Choice MC-5250 |           | 245               |                                 |         |       |               | 104                        | 30.1    | 4     | 98            | 111                                | 33.6    | 1     | 95          | 27.3    | 8     | 111         | 33.6    | 1     | 106         | 29.3    | 3     |
| 3100                               | NK Brand N48T-3000GT   | B D R L   | 224               |                                 |         |       |               | 100                        | 30.9    | 5     | 105           | 104                                | 35.4    | 13    | 101         | 26.8    | 0     | 104         | 35.4    | 13    | 95          | 30.5    | 2     |
| 3100                               | PICKSEED 5685HxRR      | W B R L   | 228               | 97                              | 27.9    | 1     | 99            | 94                         | 30.1    | 2     | 99            | 96                                 | 32.1    | 3     | 92          | 26.8    | 0     |             |         |       | 95          | 31.5    | 4     |
| 3100                               | Pioneer P0216HR        | W B R L   | 237               |                                 |         |       |               | 115                        | 29.9    | 2     | 96            | 121                                | 34.2    | 0     | 114         | 26.3    | 5     | 121         | 34.2    | 0     | 111         | 29.1    | 1     |
| 3100                               | Pioneer P0474HR        | W B R L   | 235               |                                 |         |       |               | 112                        | 29.5    | 0     | 100           | 108                                | 31.6    | 0     | 110         | 26.6    | 0     | 108         | 31.6    | 0     | 116         | 30.3    | 1     |
| 3125                               | NK Brand N49J-3000GT   | B D R L   | 249               | 103                             | 27.3    | 6     | 97            | 98                         | 30.1    | 9     | 97            | 101                                | 31.9    | 19    | 92          | 27.8    | 1     | 101         | 31.9    | 19    | 103         | 30.7    | 7     |
| 3125                               | PRIDE Seeds A7292G8    | W B D R L | 243               |                                 |         |       |               | 107                        | 31.8    | 6     | 98            | 105                                | 36.3    | 16    | 108         | 26.7    | 3     | 105         | 36.3    | 16    | 106         | 32.3    | 0     |
| 3150                               | Hyland, Mycogen 8595   | W B D R L | 234               | 104                             | 29.0    | 3     | 97            | 104                        | 30.6    | 5     | 97            | 104                                | 32.1    | 12    | 111         | 27.5    | 0     | 104         | 32.1    | 12    | 98          | 32.2    | 3     |
| 3150                               | Maizex MZ 4490DBR      | B R       | 234               |                                 |         |       |               | 101                        | 32.8    | 9     | 97            | 100                                | 37.4    | 26    | 97          | 29.6    | 0     |             |         |       | 106         | 31.3    | 1     |
| 3150                               | Pioneer 35F33          | W B R L   | 234               |                                 |         |       |               | 103                        | 31.3    | 3     | 100           | 103                                | 33.3    | 6     | 96          | 27.5    | 2     | 103         | 33.3    | 6     | 110         | 33.1    | 2     |
| 3150                               | Pioneer 35F37          | R         | 236               |                                 |         |       |               | 102                        | 31.0    | 8     | 101           | 101                                | 34.1    | 24    | 96          | 28.1    | 0     | 101         | 34.1    | 24    | 108         | 30.6    | 1     |
| 3150                               | Pioneer 35F43          | W B L     | 235               |                                 |         |       |               | 106                        | 31.2    | 3     | 100           | 101                                | 33.8    | 5     | 107         | 27.6    | 1     | 100         | 33.8    | 5     | 110         | 32.2    | 3     |
| 3150                               | Pioneer P0448XR        | W B D R L | 232               |                                 |         |       |               | 107                        | 30.7    | 2     | 102           | 114                                | 33.7    | 2     | 105         | 27.5    | 0     |             |         |       | 104         | 31.0    | 5     |
| 3150                               | Pioneer P0453HR        | W B R L   | 231               |                                 |         |       |               | 108                        | 30.2    | 5     | 98            | 113                                | 33.4    | 11    | 97          | 27.5    | 1     | 112         | 33.4    | 11    | 115         | 29.8    | 3     |
| 3200                               | Country Farm CF650     |           | 243               |                                 |         |       |               | 97                         | 34.0    | 3     | 94            | 98                                 | 38.7    | 5     | 104         | 32.0    | 0     | 97          | 38.7    | 5     | 89          | 31.2    | 5     |
| 3225                               | DEKALB DKC56-33        | W B D R L | 238               |                                 |         |       |               | 107                        | 31.9    | 2     | 101           | 105                                | 33.0    | 3     | 106         | 29.0    | 2     | 105         | 33.0    | 3     | 110         | 33.7    | 1     |
| LSD (0.10) for Yield Index Points* |                        |           |                   | 3                               |         |       |               | 5                          |         |       |               | 8                                  |         |       | 9           |         |       | 11          |         |       | 8           |         |       |
| Average all hybrids **             |                        |           | 231               | 207                             | 25.6    | 2     | 67            | 209                        | 28.3    | 4     | 65            | 188                                | 31.1    | 7     | 210         | 25.4    | 3     | 189         | 31.1    | 7     | 229         | 28.5    | 3     |
| European Corn Borer Pressure       |                        |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         |       | Low         |         |       | Low         |         |       | Low         |         |       |

<sup>1</sup> Exeter 2010-2011, Ilderton 2011, Thorndale 2010, Woodstock 2010-2011

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

\* 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. Results for hybrids with very high moisture contents should be interpreted with caution.

Table 5: Belmont, Kerwood, West Lorne

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU  | Brand and/or Hybrid |               | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|---------------------|---------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                     |               |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | BELMONT                            |         |       | KERWOOD     |         |       | WEST LORNE  |         |       |
|      |                     |               |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2800 | Horizon             | HZ 942BtGT    | B R L     | 238               |                                 |         |       |               | 102                        | 23.9    | 10    | 99            | 100                                | 23.2    | 18    | 97          | 20.2    | 7     | 110         | 28.3    | 5     |
| 2825 | Horizon             | HZ 950        | R         | 236               |                                 |         |       |               | 92                         | 24.5    | 4     | 105           | 98                                 | 23.9    | 8     | 88          | 20.6    | 2     | 91          | 29.1    | 2     |
| 2850 | Horizon             | HZ 972        | B D R L   | 235               |                                 |         |       |               | 98                         | 24.2    | 7     | 101           | 102                                | 23.9    | 11    | 88          | 20.1    | 7     | 106         | 28.6    | 4     |
| 2850 | Pioneer             | 38A55         | R         | 238               | 85                              | 20.5    | 3     | 108           | 87                         | 22.3    | 1     | 108           | 94                                 | 22.0    | 2     | 84          | 20.6    | 0     | 85          | 24.5    | 1     |
| 2850 | Pioneer             | 38A57         | W B R L   | 237               | 89                              | 21.3    | 3     | 107           | 91                         | 23.7    | 2     | 107           | 95                                 | 23.1    | 4     | 85          | 20.7    | 2     | 93          | 27.4    | 0     |
| 2850 | Pioneer             | P9623HR       | W B R L   | 225               | 92                              | 21.5    | 2     | 103           | 97                         | 23.9    | 0     | 103           | 98                                 | 22.6    | 0     | 88          | 21.7    | 0     | 105         | 27.4    | 1     |
| 2850 | Pioneer             | P9675XR       | W B D R L | 224               |                                 |         |       |               | 91                         | 23.5    | 2     | 105           | 91                                 | 24.3    | 5     | 92          | 20.5    | 0     | 90          | 25.7    | 2     |
| 2900 | Horizon             | HZ 991GT      | R         | 238               |                                 |         |       |               | 99                         | 26.6    | 7     | 99            | 101                                | 26.9    | 5     | 96          | 22.1    | 5     | 100         | 30.8    | 10    |
| 2900 | Pioneer             | P9855HR       | W B R L   | 238               | 94                              | 22.2    | 3     | 102           | 97                         | 24.8    | 4     | 101           | 99                                 | 24.7    | 9     | 91          | 21.3    | 5     | 103         | 28.5    | 0     |
| 2950 | DEKALB              | DKC48-12      | W B D R L | 230               |                                 |         |       |               | 92                         | 25.1    | 0     | 99            | 93                                 | 24.9    | 1     | 93          | 20.6    | 1     | 90          | 29.7    | 0     |
| 2950 | Hyland              | HL 4424       | B D R L   | 247               |                                 |         |       |               | 103                        | 25.6    | 9     | 101           | 96                                 | 25.2    | 16    | 103         | 21.0    | 11    | 111         | 30.7    | 1     |
| 2950 | Hyland              | HL CVR68      | B D R     | 237               | 94                              | 22.7    | 7     | 103           | 93                         | 24.8    | 4     | 102           | 97                                 | 25.4    | 5     | 94          | 20.9    | 7     | 89          | 28.1    | 1     |
| 2950 | Pioneer             | 37V63         | W B D R L | 238               | 94                              | 21.8    | 6     | 102           | 96                         | 24.1    | 1     | 102           | 97                                 | 24.2    | 2     | 86          | 20.2    | 2     | 104         | 27.8    | 1     |
| 2950 | Pioneer             | P9807HR       | W B R L   | 240               | 98                              | 23.3    | 2     | 100           | 98                         | 26.0    | 1     | 98            | 104                                | 26.6    | 1     | 98          | 21.8    | 1     | 90          | 29.7    | 1     |
| 2950 | Pioneer             | P9910XR       | W B D R L | 242               |                                 |         |       |               | 104                        | 24.1    | 0     | 98            | 106                                | 22.6    | 0     | 105         | 21.4    | 0     | 102         | 28.3    | 0     |
| 2950 | Pioneer             | P9917XR       | W B D R L | 219               |                                 |         |       |               | 97                         | 24.0    | 2     | 101           | 102                                | 23.9    | 1     | 94          | 20.8    | 5     | 96          | 27.3    | 0     |
| 2975 | Maizex              | MZ 3969CBR    | B D R     | 227               | 91                              | 21.7    | 7     | 102           | 92                         | 24.4    | 4     | 101           | 94                                 | 24.2    | 8     | 92          | 20.6    | 4     | 91          | 28.5    | 0     |
| 3000 | DEKALB              | DKC49-94      | W B D R L | 226               | 90                              | 23.2    | 2     | 100           | 90                         | 26.2    | 0     | 99            | 86                                 | 26.9    | 1     | 92          | 21.4    | 1     | 91          | 30.4    | 0     |
| 3000 | Elite               | X8670         | B D R     | 235               |                                 |         |       |               | 98                         | 25.2    | 1     | 101           | 105                                | 25.0    | 1     | 101         | 21.7    | 1     | 89          | 28.9    | 1     |
| 3000 | Horizon             | HZ 1021HxT    | W B D L   | 238               |                                 |         |       |               | 97                         | 26.2    | 3     | 99            | 91                                 | 26.5    | 5     | 104         | 21.0    | 4     | 96          | 31.0    | 1     |
| 3000 | Hyland              | HL 4490       | B D R L   | 246               |                                 |         |       |               | 94                         | 24.6    | 1     | 103           | 100                                | 24.3    | 3     | 89          | 20.9    | 1     | 94          | 28.6    | 0     |
| 3000 | Hyland              | HL B45R       | B R       | 227               | 98                              | 23.9    | 1     | 99            | 97                         | 26.9    | 1     | 100           | 96                                 | 26.4    | 1     | 98          | 21.3    | 2     | 98          | 33.0    | 1     |
| 3000 | Hyland, Mycogen     | 8491          | W B D R L | 230               |                                 |         |       |               | 92                         | 26.7    | 0     | 102           | 88                                 | 27.0    | 0     | 94          | 22.3    | 0     | 94          | 30.8    | 0     |
| 3000 | Maizex              | MZ 4030SMX    | W B D R L | 245               |                                 |         |       |               | 100                        | 24.7    | 4     | 101           | 96                                 | 25.0    | 1     | 100         | 20.5    | 11    | 104         | 28.6    | 1     |
| 3000 | Maizex              | MZ 409X       |           | 234               | 96                              | 24.2    | 9     | 102           | 98                         | 26.9    | 2     | 102           | 101                                | 27.1    | 2     | 94          | 21.9    | 3     | 98          | 31.8    | 3     |
| 3000 | Pioneer             | P0125R        | R         | 241               | 99                              | 22.6    | 11    | 102           | 105                        | 25.4    | 2     | 102           | 109                                | 24.7    | 1     | 103         | 21.1    | 4     | 102         | 30.4    | 3     |
| 3050 | Country Farm        | CF614         | B R       | 226               |                                 |         |       |               | 86                         | 24.7    | 4     | 102           | 89                                 | 24.2    | 6     | 87          | 20.7    | 1     | 83          | 29.3    | 6     |
| 3050 | Hyland              | 8524          | W B D R L | 238               | 99                              | 25.4    | 7     | 100           | 99                         | 27.2    | 1     | 100           | 92                                 | 28.4    | 1     | 98          | 23.0    | 0     | 107         | 30.1    | 1     |
| 3050 | NK Brand            | N45P-CB/LL/RW | B D L     | 234               |                                 |         |       |               | 98                         | 24.2    | 2     | 101           | 102                                | 24.8    | 2     | 99          | 21.0    | 4     | 93          | 26.8    | 0     |
| 3050 | NK Brand            | N46U-3000GT   | B D R L   | 235               |                                 |         |       |               | 106                        | 25.6    | 3     | 100           | 113                                | 26.0    | 2     | 102         | 21.1    | 8     | 103         | 29.6    | 0     |
| 3050 | Pioneer             | P0118HR       | W B R L   | 232               | 107                             | 23.7    | 1     | 99            | 106                        | 26.9    | 1     | 97            | 111                                | 26.9    | 2     | 101         | 22.2    | 1     | 107         | 31.5    | 1     |
| 3050 | Pioneer             | P0125HR       | W B R L   | 242               | 102                             | 23.4    | 6     | 100           | 104                        | 26.5    | 2     | 99            | 106                                | 27.0    | 0     | 101         | 22.0    | 7     | 105         | 30.6    | 0     |
| 3050 | PRIDE Seeds         | A7004G8       | W B D R L | 240               |                                 |         |       |               | 98                         | 25.7    | 1     | 100           | 99                                 | 25.4    | 1     | 96          | 21.8    | 1     | 98          | 29.9    | 0     |
| 3075 | DEKALB              | DKC50-45      | W B D R L | 232               | 99                              | 25.0    | 5     | 99            | 97                         | 27.2    | 4     | 99            | 102                                | 28.6    | 5     | 95          | 22.4    | 3     | 95          | 30.7    | 3     |
| 3100 | DEKALB              | DKC52-03      | W B D R L | 237               |                                 |         |       |               | 94                         | 25.6    | 0     | 100           | 102                                | 26.2    | 1     | 91          | 21.6    | 0     | 89          | 28.8    | 1     |
| 3100 | DEKALB              | DKC52-59      | B D R     | 230               | 99                              | 23.8    | 5     | 99            | 100                        | 26.6    | 3     | 98            | 103                                | 26.8    | 2     | 101         | 22.0    | 4     | 96          | 31.0    | 2     |
| 3100 | Horizon             | HZ 1055BtGt   | B R L     | 239               | 102                             | 24.7    | 2     | 99            | 106                        | 27.8    | 1     | 99            | 110                                | 28.9    | 1     | 106         | 21.8    | 1     | 103         | 32.5    | 1     |
| 3100 | Hyland, Mycogen     | 8552          | W B D R L | 236               |                                 |         |       |               | 103                        | 28.4    | 2     | 99            | 104                                | 28.8    | 7     | 105         | 23.7    | 1     | 100         | 32.7    | 0     |
| 3100 | NK Brand            | N48T-3000GT   | B D R L   | 235               |                                 |         |       |               | 97                         | 27.3    | 2     | 105           | 98                                 | 29.0    | 1     | 97          | 22.7    | 3     | 95          | 30.2    | 1     |
| 3100 | Pioneer             | P0216HR       | W B R L   | 246               |                                 |         |       |               | 109                        | 26.1    | 0     | 96            | 104                                | 27.8    | 0     | 114         | 21.3    | 1     | 110         | 29.3    | 0     |
| 3100 | Pioneer             | P0474HR       | W B R L   | 240               |                                 |         |       |               | 112                        | 27.0    | 1     | 102           | 112                                | 27.9    | 0     | 117         | 22.1    | 4     | 107         | 31.1    | 0     |
| 3125 | NK Brand            | N49J-3000GT   | B D R L   | 248               | 108                             | 24.7    | 12    | 98            | 107                        | 26.8    | 7     | 98            | 109                                | 27.2    | 2     | 103         | 22.3    | 17    | 109         | 30.8    | 1     |
| 3125 | PRIDE Seeds         | A7210G3       | B D R     | 236               |                                 |         |       |               | 104                        | 26.8    | 1     | 100           | 105                                | 27.4    | 1     | 105         | 21.3    | 1     | 100         | 31.8    | 0     |
| 3125 | PRIDE Seeds         | A7292G8       | W B D R L | 245               |                                 |         |       |               | 103                        | 28.7    | 2     | 100           | 98                                 | 29.8    | 1     | 109         | 23.1    | 4     | 103         | 33.1    | 0     |
| 3150 | Hyland, Mycogen     | 8595          | W B D R L | 240               | 101                             | 26.5    | 3     | 99            | 100                        | 28.8    | 2     | 99            | 96                                 | 30.2    | 1     | 100         | 22.6    | 5     | 103         | 33.5    | 1     |

**Table 5 Cont'd: Belmont, Kerwood, West Lorne 2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU  | Brand and/or Hybrid                |             | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|------------------------------------|-------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                                    |             |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | BELMONT                            |         |       | KERWOOD     |         |       | WEST LORNE  |         |       |
|      |                                    |             |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 3150 | Maizex                             | MZ 4365CBB  | W B D R L | 240               |                                 |         |       |               | 105                        | 26.0    | 2     | 98            | 99                                 | 26.7    | 0     | 100         | 21.9    | 1     | 116         | 29.5    | 6     |
| 3150 | Maizex                             | MZ 4490DBR  | B R       | 242               |                                 |         |       |               | 103                        | 28.8    | 3     | 99            | 105                                | 29.4    | 2     | 102         | 23.7    | 7     | 100         | 33.3    | 1     |
| 3150 | Maizex                             | MZ 4586CBB  | W B D R L | 233               | 97                              | 26.6    | 3     | 98            | 92                         | 29.6    | 1     | 99            | 89                                 | 30.0    | 1     | 97          | 24.0    | 2     | 87          | 34.8    | 1     |
| 3150 | NK Brand                           | N53W-3000GT | B D R L   | 242               | 108                             | 25.2    | 5     | 99            | 108                        | 27.3    | 4     | 99            | 107                                | 29.1    | 1     | 109         | 22.2    | 11    | 108         | 30.5    | 1     |
| 3150 | PICKSEED                           | 3120VT2P    | B R       | 228               |                                 |         |       |               | 100                        | 26.1    | 1     | 100           | 100                                | 26.9    | 1     | 100         | 21.0    | 1     | 100         | 30.3    | 0     |
| 3150 | Pioneer                            | 35F33       | W B R L   | 240               |                                 |         |       |               | 101                        | 27.7    | 1     | 103           | 102                                | 28.7    | 2     | 100         | 23.4    | 1     | 102         | 31.1    | 0     |
| 3150 | Pioneer                            | 35F37       | R         | 240               | 101                             | 24.8    | 5     | 102           | 102                        | 27.1    | 5     | 103           | 106                                | 27.5    | 9     | 101         | 22.9    | 5     | 98          | 31.0    | 3     |
| 3150 | Pioneer                            | 35F43       | W B L     | 241               | 103                             | 25.4    | 4     | 102           | 104                        | 27.4    | 1     | 101           | 103                                | 28.2    | 1     | 103         | 23.7    | 2     | 106         | 30.4    | 1     |
| 3150 | Pioneer                            | P0448XR     | W B D R L | 234               | 103                             | 25.6    | 2     | 103           | 104                        | 28.5    | 1     | 103           | 103                                | 30.0    | 2     | 104         | 23.4    | 1     | 105         | 32.1    | 1     |
| 3150 | Pioneer                            | P0453HR     | W B R L   | 234               | 102                             | 24.9    | 2     | 99            | 101                        | 27.3    | 2     | 99            | 100                                | 27.8    | 6     | 99          | 22.0    | 0     | 105         | 32.2    | 0     |
| 3150 | PRIDE Seeds                        | A7341RR     | R         | 235               | 97                              | 26.9    | 4     | 100           | 96                         | 29.9    | 1     | 99            | 92                                 | 30.4    | 1     | 103         | 23.5    | 2     | 92          | 35.7    | 1     |
| 3175 | PRIDE Seeds                        | A7331G3     | B D R     | 233               | 93                              | 25.7    | 6     | 100           | 95                         | 28.8    | 3     | 99            | 90                                 | 29.0    | 2     | 98          | 23.5    | 5     | 97          | 34.0    | 2     |
| 3175 | PRIDE Seeds                        | A7421RR     | R         | 246               |                                 |         |       |               | 101                        | 27.7    | 2     | 101           | 99                                 | 29.2    | 1     | 109         | 23.5    | 2     | 95          | 30.4    | 3     |
| 3200 | Country Farm                       | CF650       |           | 247               | 104                             | 26.4    | 6     | 94            | 105                        | 29.0    | 0     | 95            | 90                                 | 30.1    | 0     | 112         | 22.2    | 1     | 112         | 34.7    | 0     |
| 3200 | Country Farm                       | CF658VT3    | B D R     | 246               | 96                              | 23.9    | 14    | 102           | 94                         | 25.5    | 6     | 103           | 93                                 | 26.1    | 3     | 91          | 20.7    | 16    | 99          | 29.6    | 0     |
| 3200 | Maizex                             | MZ 4640SMX  | W B D R L | 237               |                                 |         |       |               | 100                        | 28.4    | 1     | 99            | 105                                | 28.2    | 4     | 97          | 23.3    | 0     | 98          | 33.6    | 0     |
| 3200 | Pioneer                            | P0621HR     | W B R L   | 242               |                                 |         |       |               | 102                        | 26.7    | 1     | 98            | 98                                 | 26.9    | 1     | 98          | 22.2    | 3     | 110         | 31.0    | 0     |
| 3225 | DEKALB                             | DKC56-33    | W B D R L | 242               | 106                             | 26.5    | 2     | 102           | 104                        | 29.3    | 1     | 101           | 108                                | 29.8    | 1     | 103         | 24.7    | 2     | 102         | 33.3    | 0     |
| 3225 | PICKSEED                           | 3255VT2P    | B R       | 249               |                                 |         |       |               | 108                        | 28.9    | 1     | 98            | 112                                | 29.9    | 1     | 114         | 24.3    | 1     | 97          | 32.6    | 2     |
| 3250 | Country Farm                       | CF676       | R         | 237               | 100                             | 25.7    | 4     | 99            | 98                         | 28.0    | 1     | 99            | 95                                 | 28.1    | 0     | 101         | 23.3    | 4     | 98          | 32.4    | 0     |
| 3250 | Country Farm                       | CF690       |           | 236               | 104                             | 25.8    | 10    | 97            | 101                        | 28.8    | 2     | 97            | 98                                 | 29.6    | 2     | 100         | 23.2    | 4     | 104         | 33.7    | 1     |
| 3250 | Country Farm                       | CF692R      | R         | 236               | 106                             | 24.9    | 6     | 97            | 107                        | 27.6    | 4     | 97            | 107                                | 28.6    | 2     | 106         | 23.1    | 4     | 109         | 31.0    | 7     |
| 3250 | DEKALB                             | DKC57-50    | B D R     | 242               | 104                             | 28.8    | 2     | 96            | 99                         | 30.7    | 1     | 96            | 93                                 | 31.8    | 1     | 110         | 25.9    | 3     | 94          | 34.3    | 0     |
| 3250 | Hyland                             | 8677        | W B D R L | 251               | 101                             | 26.9    | 8     | 97            | 98                         | 28.9    | 3     | 96            | 92                                 | 30.8    | 1     | 105         | 23.0    | 3     | 98          | 33.0    | 5     |
| 3250 | Hyland                             | HL R277     | R         | 248               | 109                             | 26.9    | 6     | 95            | 107                        | 29.3    | 1     | 94            | 108                                | 29.8    | 0     | 106         | 23.7    | 3     | 107         | 34.6    | 0     |
| 3250 | Pioneer                            | 35H42       | W B R L   | 254               | 108                             | 26.1    | 2     | 102           | 108                        | 28.8    | 1     | 102           | 96                                 | 30.5    | 0     | 106         | 23.1    | 3     | 122         | 32.8    | 1     |
| 3250 | Pioneer                            | P0891XR     | W B D R L | 264               |                                 |         |       |               | 111                        | 28.2    | 6     | 102           | 115                                | 29.9    | 8     | 110         | 24.5    | 10    | 106         | 30.3    | 0     |
| 3275 | Hyland, Mycogen                    | 8672        | W B D R L | 239               |                                 |         |       |               | 99                         | 28.9    | 2     | 97            | 101                                | 29.6    | 1     | 99          | 22.6    | 2     | 97          | 34.5    | 3     |
| 3300 | DEKALB                             | DKC59-64    | B D R     | 244               | 114                             | 28.4    | 5     | 98            | 110                        | 30.8    | 2     | 98            | 108                                | 31.6    | 1     | 112         | 26.3    | 4     | 111         | 34.6    | 0     |
| 3300 | Hyland                             | 8693        | W B D R L | 252               |                                 |         |       |               |                            |         |       |               |                                    |         |       |             |         |       | 104         | 30.3    | 2     |
| 3300 | Hyland                             | HL B77R     | B R       | 242               | 110                             | 27.6    | 4     | 95            | 106                        | 30.0    | 1     | 95            | 98                                 | 31.1    | 1     | 113         | 23.6    | 2     | 108         | 35.3    | 0     |
| 3300 | Maizex                             | MZ 5562CBB  | B D R     | 227               | 100                             | 26.5    | 8     | 99            | 99                         | 29.1    | 1     | 100           | 98                                 | 30.1    | 1     | 102         | 24.0    | 1     | 97          | 33.0    | 1     |
| 3325 | DEKALB                             | DKC61-21    | W B D R L | 248               |                                 |         |       |               | 98                         | 31.7    | 1     | 98            | 96                                 | 32.7    | 0     | 102         | 26.6    | 3     | 94          | 35.8    | 2     |
| 3350 | Country Farm                       | CF762       | R         | 232               |                                 |         |       |               | 103                        | 30.2    | 0     | 101           | 100                                | 30.8    | 0     | 110         | 24.8    | 0     | 98          | 35.0    | 1     |
|      | LSD (0.10) for Yield Index Points* |             |           |                   | 3                               |         |       |               | 3                          |         |       |               | 7                                  |         |       | 5           |         |       | 6           |         |       |
|      | Average all hybrids **             |             |           | 238               | 204                             | 24.8    | 5     | 68            | 215                        | 26.9    | 2     | 66            | 216                                | 27.4    | 2     | 225         | 22.3    | 3     | 203         | 31.0    | 1     |
|      | European Corn Borer Pressure       |             |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         |       | Low         |         |       | Low         |         |       |

<sup>1</sup> Belmont 2010-2011, Kerwood 2010-2011, West Lorne 2010-2011

<sup>2</sup> Belmont, Kerwood, West Lorne

\* 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. Results for hybrids with very high moisture contents should be interpreted with caution.

**Table 6: Ridgetown, Tilbury, Wabash**

**2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU  | Brand and/or Hybrid |             | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------|---------------------|-------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|      |                     |             |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | RIDGETOWN                          |         |       | TILBURY     |         |       | WABASH      |         |       |
|      |                     |             |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 3000 | Pioneer             | P0125R      | R         | 247               | 94                              | 18.1    | 2     | 102           | 96                         | 19.4    | 2     | 102           | 98                                 | 19.0    | 6     | 88          | 19.3    | 0     | 100         | 19.9    | 0     |
| 3050 | Pioneer             | P0118HR     | W B R L   | 238               | 93                              | 18.6    | 0     | 96            | 93                         | 19.8    | 0     | 96            | 104                                | 19.7    | 0     | 76          | 19.6    | 1     | 96          | 20.0    | 0     |
| 3050 | Pioneer             | P0125HR     | W B R L   | 249               | 98                              | 18.3    | 2     | 99            | 99                         | 19.5    | 3     | 98            | 102                                | 18.9    | 6     | 90          | 19.5    | 4     | 103         | 20.0    | 0     |
| 3100 | DEKALB              | DKC52-03    | W B D R L | 232               |                                 |         |       |               | 90                         | 19.7    | 1     | 100           | 94                                 | 19.4    | 1     | 81          | 19.6    | 3     | 95          | 20.2    | 0     |
| 3100 | DEKALB              | DKC52-59    | B D R     | 232               | 88                              | 18.3    | 1     | 99            | 91                         | 19.7    | 2     | 98            | 96                                 | 19.3    | 0     | 86          | 19.8    | 5     | 89          | 20.1    | 0     |
| 3100 | Horizon             | HZ 1055BtGt | B R L     | 241               | 94                              | 18.9    | 0     | 99            | 96                         | 20.1    | 1     | 99            | 99                                 | 20.2    | 0     | 89          | 19.1    | 1     | 97          | 20.9    | 1     |
| 3100 | Pioneer             | P0216HR     | W B R L   | 256               |                                 |         |       |               | 105                        | 19.7    | 1     | 98            | 106                                | 19.7    | 1     | 101         | 19.1    | 2     | 108         | 20.2    | 0     |
| 3100 | Pioneer             | P0474HR     | W B R L   | 243               |                                 |         |       |               | 98                         | 20.0    | 0     | 100           | 101                                | 19.9    | 1     | 85          | 19.4    | 0     | 105         | 20.7    | 0     |
| 3150 | Hyland, Mycogen     | 8595        | W B D R L | 240               |                                 |         |       |               | 93                         | 20.1    | 1     | 100           | 93                                 | 20.1    | 1     | 92          | 19.0    | 2     | 93          | 21.1    | 1     |
| 3150 | Maizex              | MZ 4365CBR  | W B D R L | 241               |                                 |         |       |               | 98                         | 20.1    | 1     | 100           | 97                                 | 19.9    | 1     | 96          | 19.6    | 1     | 102         | 20.9    | 0     |
| 3150 | Maizex              | MZ 4490DBR  | B R       | 247               |                                 |         |       |               | 98                         | 20.6    | 1     | 99            | 100                                | 20.0    | 1     | 98          | 20.1    | 1     | 96          | 21.6    | 0     |
| 3150 | Maizex              | MZ 4586CBR  | W B D R L | 240               | 92                              | 19.2    | 1     | 99            | 90                         | 20.1    | 1     | 101           | 95                                 | 19.8    | 0     | 87          | 19.9    | 3     | 88          | 20.6    | 1     |
| 3150 | NK Brand            | N53W-3000GT | B D R L   | 257               |                                 |         |       |               | 104                        | 19.6    | 7     |               | 99                                 | 19.1    | 3     |             |         |       |             |         |       |
| 3150 | Pioneer             | 35F33       | W B R L   | 242               |                                 |         |       |               | 97                         | 20.0    | 0     | 103           | 103                                | 19.8    | 0     | 95          | 20.1    | 1     | 92          | 20.3    | 0     |
| 3150 | Pioneer             | 35F37       | R         | 240               | 94                              | 19.2    | 1     | 102           | 96                         | 20.2    | 1     | 102           | 97                                 | 19.6    | 2     | 95          | 19.6    | 2     | 95          | 21.5    | 0     |
| 3150 | Pioneer             | 35F43       | W B L     | 236               | 92                              | 19.5    | 1     | 101           | 92                         | 20.3    | 1     | 102           | 99                                 | 19.6    | 3     | 86          | 19.6    | 1     | 91          | 21.6    | 1     |
| 3150 | Pioneer             | P0448XR     | W B D R L | 235               | 96                              | 19.0    | 1     | 104           | 96                         | 19.9    | 1     | 104           | 97                                 | 19.7    | 2     | 92          | 19.2    | 1     | 98          | 20.7    | 0     |
| 3150 | Pioneer             | P0453HR     | W B R L   | 242               | 97                              | 18.2    | 1     | 99            | 101                        | 19.2    | 1     | 98            | 100                                | 18.9    | 1     | 100         | 18.8    | 2     | 101         | 20.0    | 0     |
| 3175 | Horizon             | HZ 1091     | B D R L   | 242               |                                 |         |       |               | 93                         | 20.0    | 3     | 101           | 94                                 | 20.4    | 4     | 94          | 19.2    | 3     | 91          | 20.3    | 2     |
| 3175 | PRIDE Seeds         | A7331G3     | B D R     | 238               | 94                              | 19.1    | 1     | 99            | 96                         | 20.1    | 1     | 99            | 95                                 | 19.8    | 1     | 91          | 19.2    | 2     | 102         | 21.2    | 0     |
| 3175 | PRIDE Seeds         | A7421RR     | R         | 246               |                                 |         |       |               | 100                        | 19.7    | 1     | 105           | 98                                 | 19.7    | 2     | 96          | 18.7    | 0     | 105         | 20.8    | 0     |
| 3200 | Maizex              | MZ 4640SMX  | W B D R L | 250               |                                 |         |       |               | 90                         | 19.8    | 0     | 100           | 88                                 | 19.7    | 0     | 90          | 19.4    | 1     | 91          | 20.4    | 0     |
| 3200 | Maizex              | MZ 525X     |           | 249               | 104                             | 19.8    | 2     | 102           | 109                        | 21.0    | 2     | 102           | 108                                | 21.1    | 2     | 110         | 19.4    | 5     | 108         | 22.6    | 1     |
| 3200 | Maizex              | MZ 5288CBR  | B D R     | 259               | 105                             | 19.0    | 1     | 103           | 105                        | 20.2    | 2     | 104           | 100                                | 19.9    | 0     | 109         | 19.4    | 4     | 106         | 21.3    | 1     |
| 3200 | Pioneer             | P0621HR     | W B R L   | 242               |                                 |         |       |               | 101                        | 19.8    | 1     | 100           | 100                                | 19.5    | 2     | 106         | 19.2    | 2     | 97          | 20.7    | 0     |
| 3225 | DEKALB              | DKC56-33    | W B D R L | 249               |                                 |         |       |               | 98                         | 21.1    | 2     | 101           | 96                                 | 20.1    | 6     | 100         | 20.5    | 0     | 98          | 22.8    | 1     |
| 3225 | NK Brand            | N55F-3000GT | B D R L   | 249               |                                 |         |       |               |                            |         |       |               |                                    |         |       |             |         |       | 111         | 23.8    | 0     |
| 3250 | DEKALB              | DKC57-50    | B D R     | 248               | 101                             | 20.3    | 1     | 99            | 100                        | 21.6    | 1     | 98            | 103                                | 20.9    | 2     | 95          | 20.2    | 2     | 100         | 23.7    | 0     |
| 3250 | Hyland              | 8677        | W B D R L | 260               | 104                             | 19.8    | 2     | 97            | 101                        | 20.6    | 5     | 98            | 102                                | 20.8    | 4     | 108         | 19.6    | 8     | 95          | 21.5    | 2     |
| 3250 | Hyland              | HL R277     | R         | 257               |                                 |         |       |               |                            |         |       |               | 99                                 | 21.0    | 6     |             |         |       | 110         | 21.5    | 0     |
| 3250 | Mycogen Seeds       | 2C641       | R         | 235               | 94                              | 20.0    | 0     | 98            | 93                         | 21.3    | 1     | 98            | 99                                 | 21.6    | 1     | 85          | 20.0    | 2     | 94          | 22.5    | 0     |
| 3250 | Pioneer             | 35H42       | W B R L   | 258               | 110                             | 19.3    | 1     | 105           | 111                        | 20.4    | 3     | 105           | 107                                | 20.2    | 7     | 114         | 19.2    | 1     | 112         | 21.9    | 0     |
| 3250 | Pioneer             | P0891XR     | W B D R L | 272               | 107                             | 18.9    | 2     | 105           | 109                        | 20.0    | 3     | 105           | 106                                | 19.5    | 8     | 113         | 19.0    | 0     | 108         | 21.7    | 0     |
| 3275 | Hyland, Mycogen     | 8672        | W B D R L | 252               |                                 |         |       |               | 100                        | 20.6    | 0     | 99            | 104                                | 20.9    | 0     | 99          | 19.8    | 1     | 98          | 21.0    | 1     |
| 3275 | NK Brand            | N61P-3000GT | B D R L   | 255               | 102                             | 19.7    | 1     | 99            | 104                        | 20.8    | 1     | 100           | 106                                | 20.4    | 1     | 107         | 20.7    | 2     | 100         | 21.2    | 2     |

**Table 6 Cont'd: Ridgetown, Tilbury, Wabash**

**2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

| CHU                                | Brand and/or Hybrid |             | Notes     | Plant Height (cm) | 2010-2011 averages <sup>1</sup> |         |       |               | 2011 averages <sup>2</sup> |         |       |               | Results of 2011 Performance Trials |         |       |             |         |       |             |         |       |
|------------------------------------|---------------------|-------------|-----------|-------------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|-------------|---------|-------|-------------|---------|-------|
|                                    |                     |             |           |                   | average of 6 trials             |         |       |               | average of 3 trials        |         |       |               | RIDGETOWN                          |         |       | TILBURY     |         |       | WABASH      |         |       |
|                                    |                     |             |           |                   | Yield Index                     | Moist % | Ldg % | Test Wt Index | Yield Index                | Moist % | Ldg % | Test Wt Index | Yield Index                        | Moist % | Ldg % | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 3300                               | DEKALB              | DKC59-64    | B D R     | 251               | 108                             | 20.0    | 1     | 100           | 105                        | 21.2    | 1     | 100           | 103                                | 21.0    | 3     | 107         | 19.9    | 1     | 105         | 22.8    | 0     |
| 3300                               | Hyland              | 8693        | W B D R L | 245               |                                 |         |       |               | 97                         | 19.4    | 8     | 97            | 100                                | 19.7    | 1     | 98          | 17.8    | 22    | 94          | 20.8    | 1     |
| 3300                               | Hyland              | HL B77R     | B R       | 256               | 106                             | 19.8    | 5     | 96            | 102                        | 20.9    | 5     | 97            | 99                                 | 20.7    | 11    | 99          | 19.6    | 5     | 108         | 22.5    | 0     |
| 3300                               | Maizex              | MZ 484X     |           | 253               |                                 |         |       |               | 105                        | 22.5    | 3     | 100           | 105                                | 21.7    | 8     | 108         | 21.0    | 2     | 102         | 24.7    | 1     |
| 3300                               | Maizex              | MZ 5562CBR  | B D R     | 236               | 98                              | 20.3    | 1     | 100           | 98                         | 21.4    | 1     | 100           | 98                                 | 21.3    | 0     | 107         | 20.4    | 2     | 91          | 22.5    | 1     |
| 3300                               | Masters Choice      | MC-534      |           | 242               | 105                             | 20.2    | 1     | 102           | 108                        | 21.7    | 2     | 101           | 105                                | 20.8    | 2     | 109         | 20.1    | 3     | 108         | 24.2    | 0     |
| 3300                               | Mycogen Seeds       | 2T698       | W B D R L | 251               |                                 |         |       |               | 109                        | 20.9    | 2     | 100           | 104                                | 21.0    | 4     | 119         | 20.0    | 2     | 107         | 21.7    | 2     |
| 3300                               | PRIDE Seeds         | A8008G8     | W B D R L | 231               |                                 |         |       |               | 97                         | 22.8    | 0     | 97            | 96                                 | 21.8    | 0     | 102         | 21.1    | 0     | 94          | 25.7    | 0     |
| 3325                               | DEKALB              | DKC61-21    | W B D R L | 253               |                                 |         |       |               | 99                         | 21.4    | 2     | 100           | 97                                 | 20.8    | 2     | 99          | 20.2    | 5     | 102         | 23.1    | 0     |
| 3325                               | NK Brand            | N63R-3000GT | B D R L   | 258               | 102                             | 20.3    | 1     | 99            | 102                        | 21.8    | 2     | 98            | 97                                 | 20.3    | 2     | 102         | 19.3    | 4     | 106         | 25.6    | 0     |
| 3350                               | Country Farm        | CF762       | R         | 240               |                                 |         |       |               | 108                        | 21.3    | 2     | 103           | 105                                | 21.3    | 2     | 113         | 19.9    | 4     | 105         | 22.5    | 0     |
| 3350                               | Country Farm        | CF870VT3    | B D R     | 247               | 104                             | 20.3    | 2     | 98            | 102                        | 21.3    | 4     | 99            | 103                                | 21.1    | 5     | 106         | 20.0    | 8     | 97          | 22.8    | 0     |
| 3350                               | PRIDE Seeds         | A8168G3     | B D R     | 237               | 97                              | 19.7    | 0     | 96            | 98                         | 21.0    | 1     | 97            | 92                                 | 21.2    | 1     | 105         | 19.9    | 1     | 97          | 22.0    | 0     |
| 3350                               | PRIDE Seeds         | A8220G2     | B R       | 233               | 100                             | 20.7    | 1     | 95            | 100                        | 20.7    | 1     | 95            | 94                                 | 20.6    | 2     | 109         | 19.8    | 0     | 99          | 21.7    | 0     |
| 3375                               | Country Farm        | CF789       | W B D R L | 246               | 107                             | 20.2    | 1     | 97            | 106                        | 20.9    | 1     | 99            | 101                                | 20.9    | 0     | 117         | 20.0    | 2     | 100         | 21.9    | 1     |
| 3375                               | Country Farm        | CF800       |           | 254               | 112                             | 19.8    | 2     | 103           | 112                        | 20.6    | 2     | 104           | 104                                | 20.7    | 3     | 123         | 19.3    | 3     | 110         | 21.8    | 1     |
| 3425                               | NK Brand            | N68B-3111   | W B D R L | 233               |                                 |         |       |               | 111                        | 21.3    | 1     | 99            | 109                                | 22.1    | 1     | 123         | 20.5    | 1     | 101         | 21.2    | 0     |
| LSD (0.10) for Yield Index Points* |                     |             |           |                   | 2                               |         |       |               | 3                          |         |       |               | 5                                  |         |       | 6           |         |       | 5           |         |       |
| Average all hybrids **             |                     |             |           | 246               | 239                             | 19.4    | 1     | 73            | 239                        | 20.5    | 2     | 72            | 253                                | 20.3    | 2     | 220         | 19.7    | 3     | 245         | 21.7    | 0     |
| European Corn Borer Pressure       |                     |             |           |                   |                                 |         |       |               |                            |         |       |               | Low                                |         |       | Low         |         |       | Low         |         |       |

<sup>1</sup> Ridgetown 2010-2011, Tilbury 2010-2011, Wallaceburg 2010, Wabash 2011

<sup>2</sup> Ridgetown, Tilbury, Wabash

\* 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. Results for hybrids with very high moisture contents should be interpreted with caution.