

Table 1: Dundalk, Orangeville

2014 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

| CHU | Brand and/or Hybrid | | Notes | 2013-2014 averages ¹ | | | | 2014 averages ² | | | | Results of 2014 Performance Trials | | | | | |
|------|---------------------|-------------|-------------|---------------------------------|---------|-------|---------------|----------------------------|---------|-------|---------------|------------------------------------|---------|-------|--------------------------|---------|-------|
| | | | | average of 4 trials | | | | average of 2 trials | | | | DUNDALK | | | ORANGEVILLE ³ | | |
| | | | | Yield Index | Moist % | Ldg % | Test Wt Index | Yield Index | Moist % | Ldg % | Test Wt Index | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % |
| 2275 | NK Brand | N07H-3110 | W B R L | | | | | 75 | 25.8 | 18 | 102 | 71 | 27.7 | 0 | 78 | 23.8 | 35 |
| 2300 | Maizex | MZ 1624DBR | B R O | | | | | 99 | 30.4 | 1 | 102 | 100 | 33.9 | 0 | 97 | 26.8 | 2 |
| 2300 | Maizex | MZ 1633DBR | B R O | | | | | 110 | 29.1 | 3 | 102 | 106 | 31.6 | 0 | 113 | 26.5 | 5 |
| 2300 | Pioneer | P7958AM | W B R L O | | | | | 107 | 28.1 | 11 | 105 | 106 | 31.1 | 1 | 108 | 25.0 | 22 |
| 2325 | DEKALB | DKC30-07RIB | B R O | 105 | 27.6 | 1 | 102 | 104 | 29.1 | 1 | 103 | 105 | 31.7 | 0 | 102 | 26.4 | 2 |
| 2350 | Maizex | MZ 1710DBR | B R O | | | | | 98 | 33.3 | 5 | 101 | 93 | 36.9 | 0 | 103 | 29.6 | 9 |
| 2375 | Hyland, Mycogen | 4093 | W B D R L | 88 | 28.9 | 6 | 106 | 88 | 31.5 | 12 | 108 | 89 | 36.3 | 0 | 87 | 26.7 | 23 |
| 2375 | NK Brand | SG0822-3110 | W B R L | | | | | | | | | 90 | 30.5 | 0 | | | |
| 2400 | DEKALB | DKC31-10RIB | B R O | | | | | 109 | 32.1 | 2 | 100 | 106 | 35.1 | 0 | 111 | 29.1 | 3 |
| 2400 | Hyland, Mycogen | 8105RA | W B D R L O | 91 | 30.2 | 3 | 101 | 90 | 31.9 | 4 | 102 | 87 | 36.7 | 0 | 93 | 27.0 | 8 |
| 2450 | DEKALB | DKC32-92RIB | B R O | 102 | 28.4 | 1 | 100 | 102 | 30.8 | 2 | 99 | 94 | 33.5 | 0 | 108 | 28.1 | 5 |
| 2450 | Maizex | MZ 2311DBR | B R O | | | | | 97 | 31.7 | 1 | 103 | 96 | 34.4 | 0 | 97 | 28.9 | 2 |
| 2450 | PRIDE Seeds | A4939G2 RIB | B R O | | | | | 108 | 29.3 | 2 | 101 | 105 | 30.9 | 0 | 110 | 27.6 | 3 |
| 2475 | Pioneer | P8210HR | W B R L | 92 | 29.5 | 0 | 100 | 92 | 32.7 | 0 | 101 | 91 | 35.6 | 0 | 93 | 29.8 | 1 |
| 2500 | DEKALB | DKC33-78RIB | B R O | 104 | 28.6 | 0 | 104 | 106 | 30.3 | 1 | 103 | 99 | 32.8 | 0 | 111 | 27.7 | 2 |
| 2500 | Hyland | 4164 | W B D R O | | | | | 105 | 33.4 | 4 | 97 | 112 | 36.0 | 0 | 100 | 30.7 | 8 |
| 2500 | NK Brand | N15T-3110 | W B R L | 102 | 29.3 | 3 | 108 | 105 | 32.2 | 5 | 108 | 100 | 37.6 | 0 | 109 | 26.8 | 10 |
| 2500 | PICKSEED | PS 2520VT2P | B R | | | | | 102 | 30.1 | 0 | 101 | 105 | 33.9 | 0 | 100 | 26.3 | 1 |
| 2500 | PRIDE Seeds | A5095G2 RIB | B R O | | | | | 107 | 33.2 | 0 | 101 | 105 | 36.6 | 0 | 110 | 29.9 | 1 |
| 2500 | PRIDE Seeds | A5151G2 RIB | B R O | 109 | 28.8 | 4 | 101 | 111 | 32.7 | 8 | 99 | 110 | 36.7 | 0 | 111 | 28.6 | 15 |
| 2525 | Hyland, Mycogen | 8166RA | W B D R L O | 96 | 29.6 | 3 | 100 | 100 | 32.2 | 3 | 100 | 97 | 35.0 | 0 | 102 | 29.4 | 6 |
| 2550 | Horizon | HZ 760GT | R | | | | | 95 | 36.0 | 6 | 96 | 95 | 38.7 | 0 | 95 | 33.3 | 12 |
| 2550 | Maizex | MZ 211X | | 101 | 31.6 | 3 | 99 | 95 | 35.6 | 4 | 96 | 95 | 39.2 | 0 | 96 | 31.9 | 8 |
| 2550 | Maizex | MZ 2333DBR | B R O | 101 | 31.7 | 2 | 99 | 100 | 34.5 | 4 | 98 | 103 | 37.0 | 0 | 98 | 32.0 | 7 |
| 2550 | Pioneer | P8673AM | W B R L O | | | | | | | | | 97 | 34.4 | 0 | | | |
| 2550 | Pioneer | P8673XR | W B D R L | 97 | 31.0 | 2 | 96 | 89 | 33.1 | 3 | 95 | 84 | 35.6 | 0 | 92 | 30.6 | 6 |
| 2575 | DEKALB | DKC34-47RIB | B R O | 101 | 33.1 | 0 | 100 | 102 | 34.9 | 1 | 99 | 98 | 37.4 | 0 | 104 | 32.3 | 1 |
| 2575 | DEKALB | DKC35-54RIB | B R O | 98 | 31.9 | 0 | 101 | 97 | 34.2 | 0 | 101 | 99 | 37.8 | 0 | 95 | 30.6 | 1 |
| 2575 | Hyland, Mycogen | 3175 | R | | | | | 92 | 35.2 | 10 | 100 | 93 | 37.2 | 0 | 91 | 33.2 | 21 |
| 2575 | PICKSEED | PS 2552RR | R | 107 | 31.9 | 1 | 100 | 106 | 34.8 | 2 | 99 | 108 | 37.8 | 0 | 104 | 31.9 | 3 |
| 2600 | Hyland, Mycogen | 8180RA | W B D R L O | 97 | 33.0 | 1 | 94 | 96 | 36.6 | 1 | 97 | 92 | 41.4 | 0 | 99 | 31.7 | 3 |
| 2600 | PICKSEED | PS 26498GSX | W B D R L | | | | | 100 | 36.0 | 1 | 102 | 105 | 39.0 | 0 | 95 | 33.1 | 3 |
| 2600 | Pioneer | P8622AM | W B R L O | 97 | 30.5 | 5 | 99 | 95 | 33.7 | 10 | 100 | 100 | 35.5 | 0 | 90 | 31.9 | 19 |
| 2625 | Country Farm | CF230 | | 98 | 32.5 | 3 | 96 | 103 | 34.7 | 5 | 95 | 101 | 37.7 | 0 | 105 | 31.6 | 9 |
| 2625 | Hyland | 8201RA | W B D R L O | 92 | 33.9 | 5 | 97 | 94 | 38.5 | 8 | 96 | 89 | 42.4 | 1 | 98 | 34.5 | 15 |
| 2625 | NK Brand | N17P-3110 | W B R L | 99 | 30.7 | 12 | 101 | 100 | 35.6 | 23 | 99 | 102 | 40.7 | 0 | 98 | 30.5 | 46 |

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|------------------------------------|---------------------|-----------------|-------------|---------------------------------|-------------|----------|---------------|----------------------------|-------------|-----------|---------------|------------------------------------|---------|-------|--------------------------|-----------|-------|---|--|--|-----|--|--|------|--|--|----|--|--|
| | | | | average of 4 trials | | | | average of 2 trials | | | | DUNDALK | | | ORANGEVILLE ³ | | | | | | | | | | | | | | |
| | | | | Yield Index | Moist % | Ldg % | Test Wt Index | Yield Index | Moist % | Ldg % | Test Wt Index | Yield Index | Moist % | Ldg % | Yield Index | Moist % | Ldg % | | | | | | | | | | | | |
| 2625 | NK Brand | SG1922-3011A | B D R L | | | | | | | | | 98 | 36.8 | 2 | | | | | | | | | | | | | | | |
| 2625 | PICKSEED | PS 2676VT2P RIB | B R O | | | | | | | | | 121 | 35.1 | 1 | | | | | | | | | | | | | | | |
| 2650 | Mycogen Seeds | 8211RA | W B D R L O | | | | | 96 | 34.6 | 2 | 96 | 102 | 37.9 | 0 | 91 | 31.3 | 5 | | | | | | | | | | | | |
| 2650 | NK Brand | N19L-3110A | W B D R O | 93 | 31.1 | 1 | 101 | 97 | 33.1 | 1 | 101 | 99 | 36.2 | 0 | 95 | 30.0 | 3 | | | | | | | | | | | | |
| 2650 | NK Brand | N20Y-3220 | W B D R O | 96 | 31.2 | 7 | 99 | 87 | 35.8 | 14 | 96 | 90 | 39.8 | 0 | 85 | 31.7 | 27 | | | | | | | | | | | | |
| 2650 | Pioneer | P8906AM | W B R L O | 103 | 31.9 | 2 | 100 | 102 | 34.7 | 4 | 101 | 101 | 38.4 | 0 | 102 | 31.0 | 8 | | | | | | | | | | | | |
| 2650 | Pioneer | P8906XR | W B D R L | 106 | 31.1 | 2 | 102 | 105 | 33.0 | 3 | 102 | 106 | 36.6 | 0 | 105 | 29.4 | 6 | | | | | | | | | | | | |
| 2650 | Pioneer | P9188AM | W B R L O | | | | | 104 | 37.3 | 2 | 98 | 111 | 39.7 | 0 | 98 | 34.8 | 4 | | | | | | | | | | | | |
| 2650 | PRIDE Seeds | A5433G3 RIB | B D R O | 113 | 32.8 | 1 | 101 | 113 | 36.6 | 2 | 102 | 118 | 39.6 | 0 | 109 | 33.6 | 4 | | | | | | | | | | | | |
| 2675 | Country Farm | CF266 | R | 103 | 30.8 | 7 | 99 | 106 | 33.2 | 15 | 99 | 106 | 36.1 | 0 | 105 | 30.3 | 29 | | | | | | | | | | | | |
| 2675 | NK Brand | N21J-3220 | W B D R O | 94 | 33.1 | 3 | 99 | 93 | 38.8 | 4 | 99 | 104 | 40.6 | 1 | 83 | 37.0 | 7 | | | | | | | | | | | | |
| 2675 | PICKSEED | PS 2750RR | R | 110 | 32.5 | 2 | 98 | 108 | 36.9 | 3 | 98 | 108 | 40.5 | 0 | 108 | 33.2 | 6 | | | | | | | | | | | | |
| 2700 | Horizon | HZ 797GT | R | | | | | 104 | 40.8 | 17 | 95 | 106 | 44.2 | 6 | 103 | 37.3 | 28 | | | | | | | | | | | | |
| 2700 | Pioneer | P9188AMX | W B D R L O | | | | | 102 | 38.1 | 4 | 100 | 101 | 42.7 | 1 | 104 | 33.5 | 7 | | | | | | | | | | | | |
| 2700 | PRIDE Seeds | A5909G2 RIB | B R O | 104 | 32.5 | 1 | 99 | 106 | 35.4 | 2 | 100 | 102 | 37.7 | 1 | 109 | 33.0 | 3 | | | | | | | | | | | | |
| LSD (0.10) for Yield Index Points* | | | | 5 | | | | 8 | | | | 11 | | | 11 | | | | | | | | | | | | | | |
| Average all hybrids ** | | | | 157 | | | | 31.0 | | | | 3 | | | | 58 | | | | | | | | | | | | | |
| | | | | 138 | | | | 33.6 | | | | 5 | | | | 56 | | | | | | | | | | | | | |
| | | | | | | | | | | | | 124 | | | 36.6 | | | 0 | | | 152 | | | 30.4 | | | 10 | | |

¹ Alma 2013, Orangeville 2013-2014, Dundalk 2014

², Orangeville, Dundalk

³ The severe lodging at Orangeville was the result of strong winds in late November

* 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.