

## GRAIN CORN - SHORT SEASON WEST

### Comments:

The grain corn hybrid trial was tested and the data donated by the Manitoba Corn Committee (MCC). The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre.

Yields are corrected to 15.5% moisture content.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure. The brochure is available by calling the Manitoba Crop Alliance office at 204-745-6661 or visiting their website at [mbcropalliance.ca](http://mbcropalliance.ca)

| CHU <sup>1</sup> | Hybrid            | Trait(s) <sup>2</sup> | Melita          |              |                    |              |
|------------------|-------------------|-----------------------|-----------------|--------------|--------------------|--------------|
|                  |                   |                       | Yield (bu/acre) | Moisture (%) | Bushel Wt (lbs/bu) | 50% Silk (d) |
| 1925             | TH6370 VT2P       | 6                     | 157             | 23.8         | 60.8               | 73           |
| 1950             | P69155PCE         | 6                     | 177             | 19.9         | 59.0               | 74           |
| 2000             | NS EXP69          | 6                     | 177             | 18.9         | 58.5               | 73           |
| 2000             | PV 60570RIB       | 6                     | 165             | 22.3         | 59.3               | 75           |
| 2000             | P71231PCE         | 6                     | 179             | 22.7         | 59.1               | 75           |
| 2025             | PV 60371RIB       | 6                     | 192             | 23.4         | 60.6               | 77           |
| 2025             | A3979G2 RIB       | 6                     | 182             | 25.0         | 60.6               | 76           |
| 2025             | TH6072 VT2P       | 6                     | 183             | 21.8         | 59.2               | 74           |
| 2050             | MZ 1231DBR        | 6                     | 179             | 23.8         | 59.9               | 74           |
| 2050             | MZ 1255DBR        | 6                     | 192             | 24.2         | 61.3               | 76           |
| 2050             | CX25071A/VT2P     | 6                     | 186             | 24.3         | 61.5               | 75           |
| 2050             | P72068AM          | 19                    | 172             | 27.3         | 64.4               | 78           |
| 2075             | DKC21-36RIB       | 6                     | 195             | 23.6         | 59.5               | 76           |
| 2075             | DKC072-12RIB      | 6                     | 183             | 22.8         | 60.6               | 73           |
| 2075             | NS 271            | 6                     | 173             | 20.7         | 59.6               | 72           |
| 2075             | TH6474 VT2P       | 6                     | 181             | 28.5         | 63.4               | 77           |
| 2075             | P7389AM           | 19                    | 183             | 26.4         | 60.4               | 76           |
| 2100             | PV 60474RIB       | 6                     | 190             | 27.6         | 62.2               | 77           |
| 2125             | DKC074-82RIB      | 6                     | 197             | 27.9         | 61.8               | 77           |
| 2125             | P74691PCE         | 6                     | 183             | 23.3         | 58.8               | 77           |
| 2150             | EXP075-25         | 6                     | 194             | 28.9         | 62.7               | 80           |
| 2150             | MZ 1397DBR        | 6                     | 188             | 23.3         | 60.5               | 75           |
| 2150             | CX25175VC         | 6                     | 175             | 32.1         | 66.6               | 76           |
| 2150             | CP1440VT2P        | 6                     | 179             | 30.6         | 65.1               | 79           |
| 2150             | P75303PCE         | 6                     | 196             | 28.8         | 62.8               | 76           |
| 2175             | DLF 2158VT2P RIB  | 6                     | 186             | 34.3         | 68.4               | 78           |
| 2190             | IFS1022 X IFS1023 | 6                     | 176             | 28.1         | 63.6               | 76           |
| 2200             | NS 275            | 6                     | 176             | 30.5         | 64.8               | 78           |
| 2200             | A4494G2 RIB       | 6                     | 178             | 26.2         | 61.4               | 75           |
| 2225             | HZ 1435           | 30                    | 174             | 32.9         | 64.3               | 78           |
| 2225             | TH6278 VT2P       | 6                     | 189             | 29.0         | 62.7               | 78           |
| 2225             | TH6578 VT2P       | 6                     | 185             | 29.5         | 63.1               | 76           |
| 2250             | BY Brava RR2      | 4                     | 175             | 37.8         | 73.7               | 76           |
| 2250             | BYM2527002TR      | 4                     | 163             | 33.6         | 71.0               | 80           |
| 2250             | DKC28-25RIB       | 6                     | 200             | 25.5         | 59.8               | 78           |
| 2250             | BY Guernsey V2TP  | 6                     | 184             | 37.5         | 73.9               | 76           |
| 2250             | MZ 1544DBR        | 6                     | 203             | 25.9         | 60.7               | 76           |
| 2250             | P78150PCE         | 6                     | 209             | 31.1         | 63.7               | 76           |
| 2250             | P7822AM           | 19                    | 190             | 31.9         | 66.7               | 81           |

| CHU <sup>1</sup> | Hybrid      | Trait(s) <sup>2</sup> | Melita          |              |                    |              |
|------------------|-------------|-----------------------|-----------------|--------------|--------------------|--------------|
|                  |             |                       | Yield (bu/acre) | Moisture (%) | Bushel Wt (lbs/bu) | 50% Silk (d) |
| 2300             | A4646G2 RIB | 6                     | 184             | 35.6         | 68.8               | 78           |
| 2300             | P80463PCE   | 6                     | 193             | 33.1         | 66.5               | 81           |
| 2325             | A4848G2 RIB | 6                     | 184             | 33.6         | 66.5               | 82           |
| 2325             | TH6380 VT2P | 6                     | 161             | 33.0         | 65.3               | 78           |
| 2375             | CP2130VT2P  | 6                     | 194             | 33.3         | 66.3               | 78           |
| 2400             | P82288PCE   | 6                     | 202             | 37.8         | 70.3               | 83           |
| Mean             |             |                       | 184             | 28.0         | 63.3               | 77           |
| CV (%)           |             |                       | 7.5             | 13.1         | 4.6                | 2.8          |
| LSD (0.05)       |             |                       | 22              | 5.9          | 4.6                | 4            |
| Sign Diff        |             |                       | Yes             | Yes          | Yes                | Yes          |
| Planting Date    |             |                       | 13-May          |              |                    |              |
| Harvest Date     |             |                       | 9-Oct           |              |                    |              |

<sup>1</sup> Each company assigns a corn heat unit (CHU) rating to each of their hybrids. The CHU rating is a measure of relative maturity and is one criteria for choosing a hybrid suitable to your growing region.

<sup>2</sup> See table below for explanation of codes for special genetic traits. Although the Manitoba Corn Committee believes that information contained in this report is accurate, growers are advised to consult dealers of the respective hybrids before making purchasing or management decisions. Seeds Canada provides a database for corn hybrids available in Canada at [seeds-canada.ca/corn-hybrid-database](http://seeds-canada.ca/corn-hybrid-database). Information provided includes technology, brand name and refuge requirements.

#### Explanation of Codes for Special Genetic Traits

| Code | GM Traits                          |
|------|------------------------------------|
| 4    | Roundup Ready Corn 2               |
| 6    | VT Double PRO                      |
| 19   | Agrisure GT/CB/LL or Agrisure 3010 |
| 30   | PowerCore Enlist (PCE)             |

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