

## Melita - Grain Corn Results 2016

### Comments:

The 2016 grain corn hybrid trials were tested and the data donated by the Manitoba Corn Committee. The data presented is for one year only. Use with caution.

All hybrids are evaluated at a plant population of 30,000 plants per acre.

Yields are corrected to 15.5% moisture content.

CHU <sup>1</sup>	Hybrid	Technology / Genetic Traits <sup>2</sup>	Distributor	Melita			
				Yield (bu/ac)	Moisture (%)	Days to Silking	Bushel Wt (lbs/bu)
2000	P7005AM	YGCB/HX1/LL/RR2	DuPont Pioneer	100.2	24.4	64	49.2
2050	LR 9473RR	RR	Delmar Commodities	107.1	24.1	67	45.4
2050	TH 7673VT2P RIB	VT2P	Thunder Seed Inc.	116.6	27.1	63	46.6
2050	P7202AM	YGCB/HX1/LL/RR2	DuPont Pioneer	112.6	26.1	64	45.8
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	119.5	23.4	63	47.6
2050	P7332R	RR2	DuPont Pioneer	125.2	24.8	68	44.9
2050	PS 21615VT2P	GENVT2P	DLF Pickseed Canada Inc.	126.6	26.4	65	45.0
2075	DKC 23-17RIB	GENVT2P	DEKALB	132.0	27.2	64	45.1
2100	LR9573VT2PRIB	VT2PRIB	Delmar Commodities	118.7	27.8	67	45.1
2100	TH 7574VT2P RIB	VT2P	Thunder Seed Inc.	136.1	28.3	66	44.2
2100	P7410HR	HX1/LL/RR2	DuPont Pioneer	127.7	24.2	67	45.0
2150	E46J77 R	GT	Elite	106.8	26.0	64	47.7
2150	MZ 1340DBR	GENVT2P	Maizex Seeds Inc.	139.8	26.5	64	44.8
2150	PV 60075RIB	VT Double Pro RIB	Crop Production Services Canada	133.3	25.0	67	47.5
2175	A4199G2 RIB	VT2P	PRIDE Seeds	118.9	27.4	63	44.6
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	135.6	26.9	69	43.3
2200	HZ 1550	Agrisure 3010	Horizon Seeds	109.1	24.9	66	48.8
2200	A4415G2 RIB	VT2P	PRIDE Seeds	111.5	29.0	66	44.1
2225	TH 7578VT2P RIB	VT2P	Thunder Seed Inc.	140.0	27.3	70	43.0
2225	E47A12 R	VT2P	Elite	135.9	27.7	72	42.9
2250	X14123VH	Bt/RR	DOW Seeds	118.1	22.8	64	48.0
2300	4093	HXT/LL/RR	DOW Seeds	128.6	28.9	70	42.9
<b>Site Average</b>				<b>122.8</b>	<b>26.0</b>	<b>65.7</b>	<b>45.7</b>
<b>CV%</b>				<b>9.2</b>	<b>3.8</b>	<b>1.9</b>	<b>2.4</b>
<b>Sign Diff</b>				<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>LSD (0.05)</b>				<b>18.8</b>	<b>1.6</b>	<b>2.0</b>	<b>1.8</b>
<b>Planting Date</b>				<b>May 19, 2016</b>			
<b>Harvest Date</b>				<b>November 3, 2016</b>			

<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 which will mature in your area. Moisture content at harvest, density, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

<sup>2</sup> The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, available at <http://cdnseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements. Bt, HX1, CB, YGCB, VT2PRIB - resistance to European corn borer; RR, RR2, GT - glyphosate herbicide tolerant; LL - Liberty herbicide tolerant.