

## MELITA - GRAIN CORN - 2009 RESULTS

### Comments:

All hybrids are evaluated at a plant population of 26,000 plants per acre. Plots are seeded at a higher rate and thinned to achieve the target population. The data presented is for one year only. Use with caution.

The Manitoba Corn Committee publishes the annual results with all locations along with long term data in their brochure, which is available at the Manitoba Corn Grower's Association office (204-745-6661) and at local Manitoba Agriculture, Food & Rural Initiatives

Planted: June 3, 2009

Harvested: November 10, 2009

CHU 1	Hybrid	Traits 2	Distributor	2009 Results		
				Yield (bu/ac)	Moisture 3 (%)	Density 4 (lbs/bu)
2050	P7213R	RR	Pioneer Hi-Bred	101	29.6	47.1
2100	39B61	RR	Pioneer Hi-Bred	81	35.4	44.2
2100	P7535R	RR	Pioneer Hi-Bred	94	35.1	43.9
2125	LR 9074 RB	YG, RR	Quarry Grain	81	39.4	43.7
2150	DKC 26-79	BT, RR	Monsanto Canada	93	39.9	44.8
2150	LR 9875 RR	RR	Quarry Grain	82	36.5	45.0
2150	LR 9975 RR	RR	Quarry Grain	83	41.4	43.2
2175	39D95	RR	Pioneer Hi-Bred	98	30.5	43.3
2200	N05C-GT	GT	Syngenta Seeds	89	33.3	49.3
2200	DKC 27-33	BT, RR	Monsanto Canada	96	36.9	48.3
2225	HL R208	RR	Hyland Seeds	96	33.0	45.6
2250	BAXXOS RR	RR	Hyland Seeds	79	40.6	46.3
2250	39B94	HX1, RR	Pioneer Hi-Bred	103	32.8	45.6
<b>Site Average</b>				90	35.7	45.4
<b>CV</b>				8.6	9.4	3.7
<b>Sign Diff</b>				Yes	Yes	Yes
<b>LSD</b>				13	13.2	3

1 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.

2 Traits: BT, HX1, CB, YGCB - resistance to European corn borer; RR, RR2 - Roundup herbicide tolerant; GT - glyphosate herbicide tolerant; LL - Liberty herbicide tolerant; RW - resistance to rootworm.

3 Moisture content at harvest.

4 Lower bushel weights may be attributed to a late season and earlier harvest dates compared to grain corn farmers in the area.

**Data courtesy of the Manitoba Corn Committee (MCC)**

**Contents of this publication can only be reproduced with the permission of MCC.**