

## CARMAN - 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: May 11, 2009

Harvested: November 9, 2009

CHU 1	Hybrid	Traits 2	Distributor	2009 Results			
				Yield (bu/ac)	Moisture 3 (%)	Density 4 (lbs/bu)	Silk 50%
2050	P7213R	RR2	Pioneer Hi-Bred	158	28.1	49.3	86
2100	A4170 RR	RR	PRIDE Seeds	154	33.6	47.8	87
2100	39B61	RR2	Pioneer Hi-Bred	127	33.1	47.8	86
2100	P7535R	RR2	Pioneer Hi-Bred	144	33.5	46.2	87
2125	A4176 BT RR	BT, RR	PRIDE Seeds	166	34.7	47.9	86
2125	LR 9074 RB	YG, RR	Quarry Grain	139	35.6	46.4	88
2150	2240RR	RR	Pickseed Canada Inc.	154	37.6	48.9	87
2150	DKC 26-79	BT, RR	Monsanto Canada	148	33.8	48.0	86
2150	N04A-CB/LL/RW	CB, LL, RW	Syngenta Seeds	147	35.5	49.2	87
2150	P7535HR	HX1, RR2	Pioneer Hi-Bred	162	36.0	46.1	88
2150	39B64	HX1, RR2	Pioneer Hi-Bred	145	31.9	47.7	86
2150	LR 9875 RR	RR	Quarry Grain	146	35.0	48.3	86
2150	LR 9975 RR	RR	Quarry Grain	147	35.4	47.3	90
2175	39D95	RR2	Pioneer Hi-Bred	153	32.9	46.9	87
2175	MZ 1261BR	YGCB, RR2	Maizez Seeds	152	34.3	48.0	86
2200	SIEX BTRR	YGCB, RR	Pickseed Canada Inc.	159	35.4	48.6	87
2200	2781 RR	RR	Seeds 2000	156	35.5	48.2	90
2200	N05-C7	CB, LL	Syngenta Seeds	144	34.9	50.0	87
2200	2219RR	RR	Pickseed Canada Inc.	126	38.6	46.9	89
2200	N05C-GT	GT	Syngenta Seeds	150	33.2	49.8	86
2200	DKC 27-33	BT, RR	Monsanto Canada	139	34.2	49.4	85
2200	EX 0902	RR2	Maizez Seeds	154	37.5	42.9	92
2250	BAXXOS RR	RR2	Hyland Seeds	148	36.1	48.9	87
2250	HL B18R	BT, RR2	Hyland Seeds	148	33.9	50.8	86
2250	N06-C1	CB, LL	Syngenta Seeds	160	32.3	46.8	85
2250	39Z69	HX1, RR2	Pioneer Hi-Bred	150	34.3	46.8	88
2250	39B94	HX1, RR2	Pioneer Hi-Bred	158	34.4	48.5	90
2250	39D97	HX1, RR2	Pioneer Hi-Bred	155	33.4	46.8	88
2250	MZ 1266Bt	YGCB	Maizez Seeds	160	32.6	47.9	86
2250	MZ 130	-	Maizez Seeds	144	31.0	47.8	88
2250	TS 7950	-	Quarry Grain	145	35.7	47.8	86
2250	TS 7952	-	Quarry Grain	149	35.9	47.4	90
2250	20T18RR	BT, RR2	BrettYoung	148	35.4	48.6	87
2275	HL R208	RR2	Hyland Seeds	146	31.7	48.7	86
2275	PP8781	RR	Prairie Pacific Seeds	150	36.2	47.6	90
2300	HL B14R	BT, RR2	Hyland Seeds	151	35.6	47.5	88
2300	DKC 29-97	RR	Monsanto Canada	156	34.1	48.5	85
2300	MT Lena	-	Dow AgroSciences	121	38.8	49.0	87
2300	HL 2093	-	Hyland Seeds	155	32.8	48.1	86
2300	MZ 1754Bt	YGCB	Maizez Seeds	147	36.9	47.6	87
2300	PP8811	GTP, BT	Prairie Pacific Seeds	142	36.8	45.6	92
2300	MZ 1677R	RR2	Maizez Seeds	148	36.0	47.5	90
2350	HL B22R	BT, RR2	Hyland Seeds	154	37.4	46.7	89
2350	HL B16R	BT, RR2	Hyland Seeds	151	37.5	49.2	87
2350	N09T-C/LL/RW	CB, LL, RW	Syngenta Seeds	151	37.0	48.2	87
2350	39V05	RR2	Pioneer Hi-Bred	135	34.7	46.0	89
2350	20T47RR	RR2	BrettYoung	150	36.1	47.4	89
2350	25T87RR	RR2	BrettYoung	132	37.4	46.4	88
2350	DKC 30-23	RR	Monsanto Canada	156	32.3	48.5	88
2350	EX 0844	RR	Maizez Seeds	135	35.8	48.1	87
2375	DKC 30-20	VT3	Monsanto Canada	157	32.8	47.7	88
2400	MT Maksym	-	Dow AgroSciences	140	37.6	49.7	88
2400	39V07	HX1, RR2	Pioneer Hi-Bred	144	36.3	44.6	90
2400	DKC 34-29	BT, RR	Monsanto Canada	153	36.8	47.1	91
2450	N14D-CB/LL	CB, LL	Syngenta Seeds	170	35.5	49.3	88
2450	HL 2222	-	Hyland Seeds	144	33.8	46.4	88
2450	19H27 RR	RR2	BrettYoung	151	34.2	47.4	86
2450	39V08	HX1, RR2	Pioneer Hi-Bred	142	36.0	44.4	90
2500	25T99RR	VT3	BrettYoung	152	37.1	45.6	92
2550	33K97 RR	RR2	BrettYoung	161	36.1	45.2	91
2550	H9202BRC	BT, RR2	Hyland Seeds	157	33.4	47.3	89
2575	P8581R	RR2	Pioneer Hi-Bred	149	40.9	44.0	92
2600	HL B24R	BT, RR2	Hyland Seeds	141	41.9	46.4	93
<b>Site Average</b>				148	35.3	47.4	88
<b>CV</b>				6	3.3	1.4	1.0
<b>Sign Diff</b>				Yes	Yes	Yes	Yes
<b>LSD</b>				15	1.9	1.0	1

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  
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)

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