

MACGREGOR - 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 offices.

Planted: May 12, 2009

Harvested: November 11, 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	144	23.7	53.2	83
2100	A4170 RR	RR	PRIDE Seeds	152	30.1	50.0	84
2100	39B61	RR2	Pioneer Hi-Bred	143	25.3	51.5	81
2100	P7535R	RR2	Pioneer Hi-Bred	146	28.7	49.9	83
2125	A4176 BT RR	BT, RR	PRIDE Seeds	160	30.3	50.7	83
2125	LR 9074 RB	YG, RR	Quarry Grain	150	30.4	50.1	82
2150	2240RR	RR	Pickseed Canada Inc.	161	31.4	51.7	84
2150	DKC 26-79	BT, RR	Monsanto Canada	150	28.6	51.2	82
2150	N04A-CB/LL/RW	CB, LL, RW	Syngenta Seeds	145	28.6	51.7	86
2150	P7535HR	HX1, RR2	Pioneer Hi-Bred	152	33.8	47.1	86
2150	39B64	HX1, RR2	Pioneer Hi-Bred	153	27.5	51.2	82
2150	LR 9875 RR	RR	Quarry Grain	144	31.5	51.1	85
2150	LR 9975 RR	RR	Quarry Grain	157	32.0	49.9	88
2175	39D95	RR2	Pioneer Hi-Bred	166	26.3	51.6	83
2175	MZ 1261BR	YGCB, RR2	Maizex Seeds	156	29.3	51.2	82
2200	SilEx BTRR	YGCB, RR	Pickseed Canada Inc.	164	30.0	52.1	82
2200	2781 RR	RR	Seeds 2000	139	31.7	50.6	88
2200	N05-C7	CB, LL	Syngenta Seeds	133	29.7	52.6	84
2200	2219RR	RR	Pickseed Canada Inc.	134	30.7	49.9	88
2200	N05C-GT	GT	Syngenta Seeds	128	25.0	53.9	84
2200	DKC 27-33	BT, RR	Monsanto Canada	151	32.6	51.8	82
2250	BAXXOS RR	RR2	Hyland Seeds	156	32.2	46.0	85
2250	HL B18R	BT, RR2	Hyland Seeds	144	31.0	51.5	84
2250	N06-C1	CB, LL	Syngenta Seeds	147	30.1	50.8	82
2250	39Z69	HX1, RR2	Pioneer Hi-Bred	153	25.8	50.7	84
2250	39B94	HX1, RR2	Pioneer Hi-Bred	158	28.4	51.6	89
2250	39D97	HX1, RR2	Pioneer Hi-Bred	154	29.4	50.4	84
2250	MZ 1266Bt	YGCB	Maizex Seeds	162	27.8	52.2	82
2250	MZ 130	-	Maizex Seeds	156	24.5	52.4	84
2250	TS 7950	-	Quarry Grain	163	31.0	51.0	82
2250	TS 7952	-	Quarry Grain	145	32.0	49.6	90
2275	HL R208	RR2	Hyland Seeds	138	29.5	51.7	84
2300	HL B14R	BT, RR2	Hyland Seeds	148	31.1	50.8	85
2300	DKC 29-97	RR	Monsanto Canada	155	28.5	51.8	81
2300	MT Lena	-	Dow AgroSciences	141	33.7	52.5	85
2300	HL 2093	-	Hyland Seeds	136	29.9	49.5	83
2350	HL B22R	BT, RR2	Hyland Seeds	140	34.2	49.3	88
2350	HL B16R	BT, RR2	Hyland Seeds	149	31.9	52.6	84
2350	N09T-C/LL/RW	CB, LL, RW	Syngenta Seeds	145	33.9	50.8	87
2350	39V05	RR2	Pioneer Hi-Bred	138	30.3	47.7	89
2350	20T47RR	RR2	BrettYoung	160	30.7	49.5	88
2350	25T87RR	RR2	BrettYoung	123	34.2	47.9	88
2350	DKC 30-23	RR	Monsanto Canada	156	27.9	52.5	85
2375	DKC 30-20	VT3	Monsanto Canada	166	27.2	51.0	85
2400	MT Maksym	-	Dow AgroSciences	146	34.1	52.5	87
2400	39V07	HX1, RR2	Pioneer Hi-Bred	149	30.4	46.8	89
2450	N14D-CB/LL	CB, LL	Syngenta Seeds	167	29.9	52.5	83
2450	HL 2222	-	Hyland Seeds	136	29.8	49.1	87
2450	19H27 RR	RR2	BrettYoung	151	30.2	50.8	82
2500	25T99RR	VT3	BrettYoung	149	32.5	47.7	87
2550	33K97 RR	RR2	BrettYoung	174	29.7	48.3	89
2550	H9202BRC	BT, RR2	Hyland Seeds	134	30.5	50.5	83
2600	HL B24R	BT, RR2	Hyland Seeds	154	38.6	48.5	91
Site Average				148	30.4	50.4	85
CV				6.8	4.0	3.4	2.0
Sign Diff				Yes	Yes	Yes	Yes
LSD				16	2.0	2.8	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)

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