

2010 Manitoba Corn Hybrid Performance Trials



Conducted by the Manitoba Corn Committee

MANITOBA CORN COMMITTEE

The Manitoba Corn Committee (MCC) is a group of individuals from the Manitoba Corn Growers Association (MCGA), Canadian Seed Trade Association (CSTA), and Manitoba Agriculture, Food & Rural Initiatives (MAFRI) who are interested with the production of grain corn in Manitoba. The committee has the authority within the Province of Manitoba to conduct trials of corn hybrids with the goal to provide information to Manitoba producers about the performance of corn hybrids across corn growing regions of Manitoba. The MCC publishes the data annually in the “Manitoba Corn Hybrid Performance Trials” brochure.

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Using Manitoba Corn Committee Results:

The MCC realizes companies/retailers often use the results from the MCC hybrid performance trials for their marketing and promotional programs. When using MCC’s data, please reference the “2010 Manitoba Corn Hybrid Performance Trials” brochure and indicate the complete brochure can be obtained from either Pam de Rocquigny or other members of the MCC. The MCC wishes to thank you in advance for your cooperation.

Welcome to the 2010 MCC Brochure

Welcome to the 2010 edition of the Manitoba Corn Hybrid Performance Trials results, compliments of the Manitoba Corn Committee. The MCC brochure remains the source for unbiased and local corn hybrid information from various locations across Manitoba.

The 2010 growing season was another challenging one for Manitoba farmers. The year started with great promise with earlier than normal seeding. However, precipitation started in May and continued through the season, resulting in excessive moisture delaying and/or preventing seeding, as well as impacting plant stands and crop development. However, many corn acres appeared to handle the excessive moisture conditions and many farmers reported above average yields. And as you read through the brochure, you will see there were good yields reported in our trials as well.

For 2010, there were grain hybrid evaluation trials located at Carman, Reinland, MacGregor, St.Pierre, and Melita and silage evaluation trials located at Elm Creek and St.Pierre. All sites were managed to optimize corn production (i.e. adequate fertility, weed control). At the grain sites, hybrids were evaluated at a plant population of 26,000 plants per acre. At the silage sites, hybrids were evaluated at a plant population of 28,000 plants per acre. All plots were planted at a higher rate and thinned to achieve the target population. Entries were replicated three times at each location. I would like to thank our contractors for 2010 — Keith Murphy of Murphy et al. Inc. and Scott Day and Scott Chalmers of WADO.

I would also like to thank Andy Nadler of MAFRI for providing the weather maps found within the brochure. For more detailed weather information for the MCC sites or your own local area, please visit MAFRI's Manitoba Ag-Weather Program website at <http://tgs.gov.mb.ca/climate/>.

Please take the time to read the "Important Notes" section on the following page. It provides valuable information that will assist you in reviewing the results.

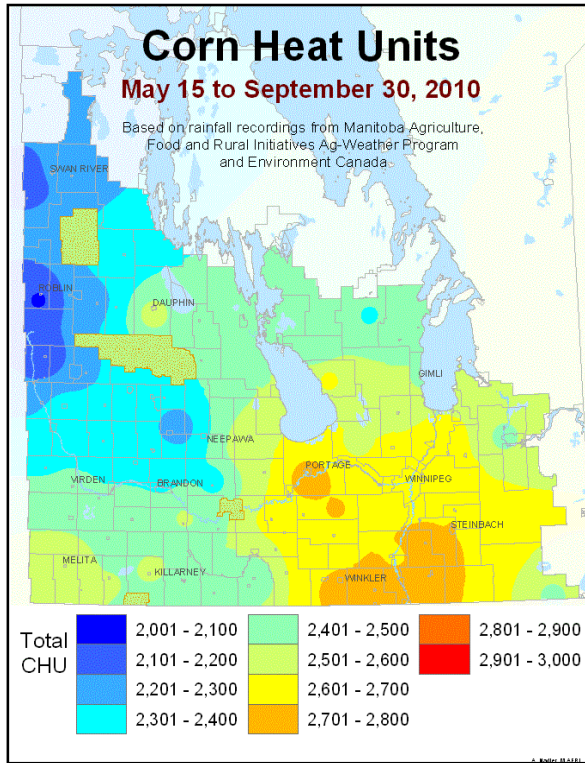
If you require any further information on the Manitoba Corn Committee's Corn Hybrid Performance Trials, please do not hesitate to contact me.

Pam de Rocquigny
Chair – Manitoba Corn Committee

IMPORTANT NOTES FOR THE GRAIN & SILAGE CORN TABLES:

- Each company assigns a corn heat unit (CHU) rating to their hybrids. The CHU rating is a measure of relative maturity and is only one criteria to evaluate when choosing a hybrid that 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.
- Traits – BT, HX1, CB, YGCB – resistant to European Corn Borer; RR, RR2 – Roundup herbicide tolerant; GT – glyphosate herbicide tolerant; LL – Liberty herbicide tolerant; YGRW, RW, HXX – resistant to rootworm, VT3 - resistant to European corn borer, Roundup herbicide tolerant and resistant to rootworm.
- Grain yields are corrected to 15.5% moisture content. Silage yields are corrected to 65% moisture content.
- Moisture content is measured at harvest.
- ***Please note that the bushel weights at Carman, Reinland, MacGregor and St.Pierre were determined on one replicate only. Use data with caution.***
- Where possible, two-, three- and four-year averages for yield, moisture, and quality data are presented. Blanks (-) indicate no data is available for the particular hybrid and/or year. ***Please note for the Reinland and St.Pierre grain sites, since there was no 2009 data for those locations, the 2-year average is 2008 & 2010, the 3-year average is 2007-08 & 2010, and the 4-year average is 2006-2008 & 2010.***
- CP, TDN, ADF, NDF, NE/Gain & NE/Lact were measured on a composite sample for each hybrid.
- Beef per acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.
- Milk per acre was calculated using Milk 2006, a model developed by the University of Wisconsin Extension Services. A combination of actual feed test values (DM, CP, NDF, starch) and book values (NDFd, ash, fat) was used.
- CV = Coefficient of variation. A measure of random variation in a trial. A small CV is desirable.
- LSD = Least significant difference. Hybrids must differ by the LSD to be considered significantly different from one another.
- Sign Diff = Significant difference. Indicates if a real difference exists between hybrids at an individual site.

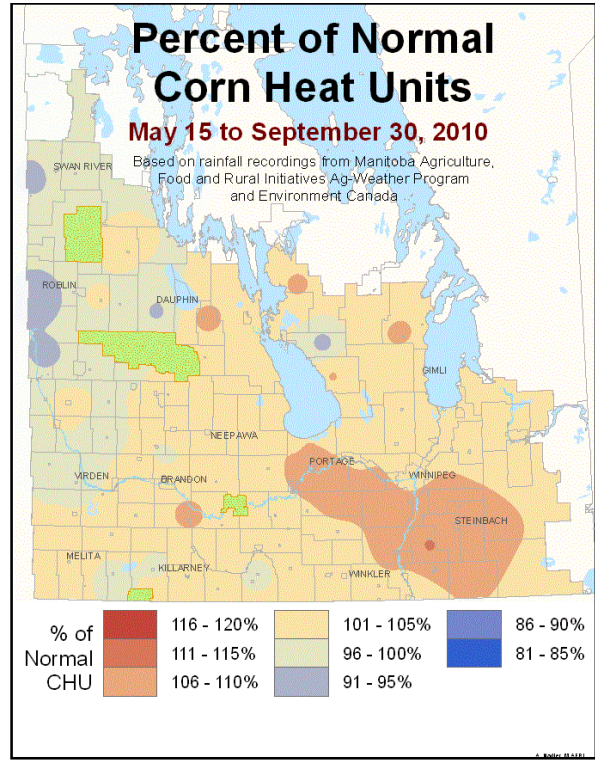
WEATHER DATA FOR 2010



Canada

Growing Forward

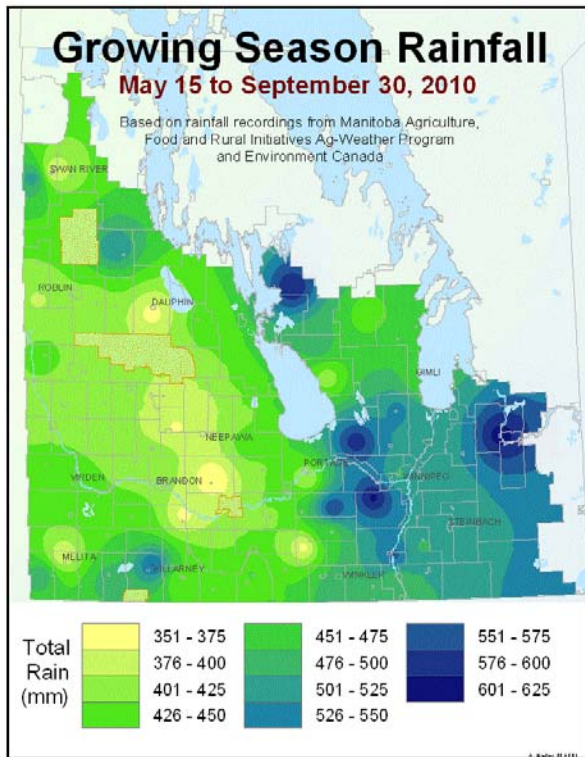
Manitoba



Canada

Growing Forward

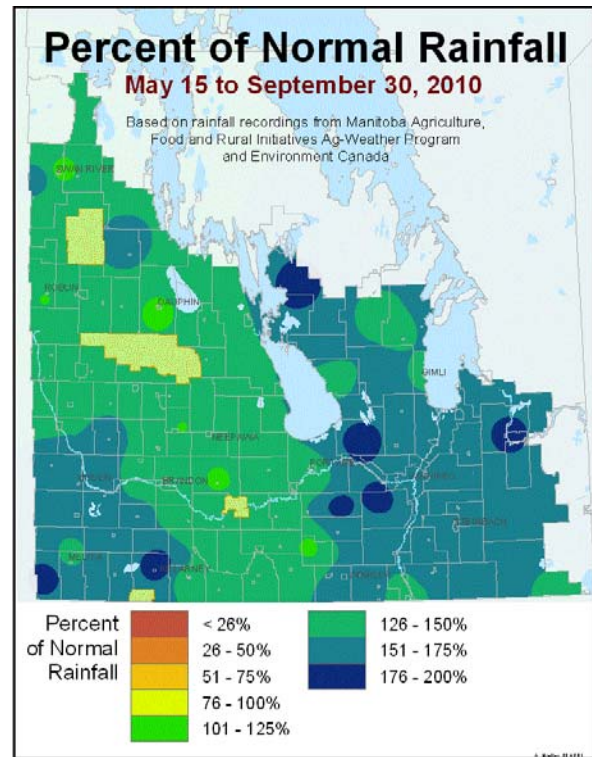
Manitoba



Canada

Growing Forward

Manitoba



Canada

Growing Forward

Manitoba

CARMAN - GRAIN CORN - 2010 RESULTS

Planted: May 17, 2010

Harvested: October 20, 2010

CHU	Hybrid	Traits	Distributor	2010 Results			
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Silk 50%
2050	P7213R	RR2	Pioneer Hi-Bred	159	18.2	58.2	68
2100	P7535R	RR2	Pioneer Hi-Bred	150	22.3	54.1	69
2100	39B61	RR2	Pioneer Hi-Bred	154	20.1	58.0	68
2100	P7443R	RR2	Pioneer Hi-Bred	153	18.5	56.7	69
2100	A4170RR	RR2	PRIDE Seeds	192	23.8	55.4	69
2125	22062RR	RR2	PICKSEED	185	23.9	54.6	71
2125	A4176BTRR	BT, RR2	PRIDE Seeds	177	22.9	54.7	69
2150	LR 9975RR	RR2	Delmar Commodities	190	22.3	55.0	71
2150	LR 9074RB	YGCB, RR2	Delmar Commodities	187	21.7	55.5	69
2150	DKC26-79	YGCB, RR	Monsanto Canada	163	20.6	53.4	70
2150	39B64	HX1, LL, RR2	Pioneer Hi-Bred	163	20.7	57.5	69
2150	P7535HR	HX1, LL, RR2	Pioneer Hi-Bred	168	21.2	56.6	69
2150	N04A-3000GT	CB, LL, RW, GT	Syngenta Seeds	146	21.1	56.4	71
2175	LR 9875RR	RR2	Delmar Commodities	173	25.6	55.7	70
2175	MZ 1261BR	YGCB, RR2	Maizex Seeds	161	20.7	55.7	69
2175	39D95	RR2	Pioneer Hi-Bred	175	20.7	56.0	69
2200	DKC27-33	YGCB, RR	Monsanto Canada	144	22.4	57.7	68
2200	2219RR	RR2	PICKSEED	177	23.3	52.5	72
2200	SilEx BTRR	YGCB, RR2	PICKSEED	173	25.1	54.9	71
2200	A4240RR	RR2	PRIDE Seeds	177	21.9	56.4	72
2200	N05-GT	GT	Syngenta Seeds	145	22.0	56.4	69
2225	HL R208	RR	Hyland Seeds	163	23.6	53.6	70
2225	HL 2093	-	Hyland Seeds	160	22.9	54.4	70
2250	LR 9780RR	RR2	Delmar Commodities	186	25.5	52.6	73
2250	HL B18R	BT, RR	Hyland Seeds	168	25.2	55.8	69
2250	BAXXOS RR	RR	Hyland Seeds	178	26.7	55.5	71
2250	MZ 1266BT	YGCB	Maizex Seeds	172	21.1	56.2	68
2250	MZ 130	-	Maizex Seeds	158	19.4	57.1	70
2250	39Z69	HX1, LL, RR2	Pioneer Hi-Bred	162	21.9	57.0	71
2250	39B94	HX1, LL, RR2	Pioneer Hi-Bred	182	20.4	56.9	71
2250	39D97	HX1, LL, RR2	Pioneer Hi-Bred	173	21.9	54.0	71
2250	TS 7950	-	Quarry Grain	173	25.9	55.4	70
2250	TS 7952	-	Quarry Grain	170	22.3	54.8	72
2275	X3199	-	BrettYoung	157	25.2	55.7	70
2275	HL B14R	BT, RR	Hyland Seeds	164	25.3	54.6	70
2275	23004VT3	YGV3	PICKSEED	207	23.0	54.7	71
2300	HL B16R	BT, RR	Hyland Seeds	173	26.9	54.4	70
2300	MZ 1677R	RR2	Maizex Seeds	175	24.2	55.4	72
2300	MZ 1754BT	YGCB	Maizex Seeds	183	24.5	55.2	70
2300	A4632G3	VT3	PRIDE Seeds	169	22.9	54.3	71
2350	20T47RR	-	BrettYoung	171	21.4	55.6	72
2350	39V05	RR2	Pioneer Hi-Bred	196	20.6	55.7	71
2350	N09T-3000GT	CB, LL, RW, GT	Syngenta Seeds	158	24.5	54.1	72
2375	HL 2222	-	Hyland Seeds	174	22.9	53.7	74
2375	DKC30-20	YGCB, RR, YGRW	Monsanto Canada	184	23.6	52.6	71
2400	20T18RR	RR	BrettYoung	187	24.2	55.3	70
2400	H9301R	RR	Hyland Seeds	168	23.5	56.9	72
2400	EX0160	-	Maizex Seeds	152	20.9	54.6	70
2400	DKC34-29	YGCB, RR	Monsanto Canada	197	25.2	53.6	72
2400	P8107HR	HX1, LL, RR2	Pioneer Hi-Bred	194	22.8	53.1	71
2400	39V07	HX1, LL, RR2	Pioneer Hi-Bred	177	22.0	51.4	72
2425	2792RR	RR	Seeds 2000	168	26.1	53.0	70
2450	39V08	HX1, LL, RR2, HXX	Pioneer Hi-Bred	190	23.2	53.9	73
2450	N14D-CB/LL	CB, LL	Syngenta Seeds	169	22.7	57.3	70
2475	X0756RR	RR	BrettYoung	173	22.0	53.9	72
2500	HLX2098	-	Hyland Seeds	156	23.0	52.1	73
2500	EX 0161	RR	Maizex Seeds	156	27.1	52.1	76
2525	H9303BR	BT, RR	Hyland Seeds	188	25.0	52.1	75
2525	H0915R	RR	Hyland Seeds	194	27.9	48.6	75
2525	DKC35-43	YGCB, RR, YGRW	Monsanto Canada	175	26.4	50.9	75
2550	33K97RR	RR	BrettYoung	200	25.1	54.5	73
2675	DKC38-26	YGCB, RR, YGRW	Monsanto Canada	198	27.3	51.9	75
2775	DKC42-72	YGCB, RR, YGRW	Monsanto Canada	198	27.3	50.0	73
Site Average				173	23.1	-	71
CV				7	6.2	-	1.8
Sign Diff				Yes	Yes	-	Yes
LSD				20	2.3	-	2

CARMAN - GRAIN CORN - LONG TERM DATA

CHU	Hybrid	2-Year Average (2009 - 2010)		3-Year Average (2008 - 2010)		4-Year Average (2007 - 2010)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2050	P7213R	158	23.2	-	-	-	-
2100	A4170RR	173	28.7	171	28.5	-	-
2100	P7535R	147	27.9	-	-	-	-
2100	39B61	140	26.6	-	-	-	-
2100	P7443R	-	-	-	-	-	-
2125	A4176BTRR	172	28.8	177	28.9	178	27.0
2125	22062RR	-	-	-	-	-	-
2150	DKC26-79	156	27.2	156	27.6	159	25.3
2150	LR 9975RR	169	28.9	-	-	-	-
2150	39B64	154	26.3	-	-	-	-
2150	P7535HR	165	28.6	168	29.1	-	-
2150	N04A-3000GT	-	-	-	-	-	-
2150	LR 9074RB	163	28.7	-	-	-	-
2175	MZ 1261BR	157	27.5	158	27.9	160	26.1
2175	LR 9875RR	160	30.3	164	31.4	-	-
2175	39D95	164	26.8	165	27.4	169	25.4
2200	A4240RR	-	-	-	-	-	-
2200	2219RR	152	31.0	-	-	-	-
2200	SilEx BTRR	166	30.3	-	-	-	-
2200	DKC27-33	142	28.3	-	-	-	-
2200	N05-GT	-	-	-	-	-	-
2225	HL R208	154	27.7	154	27.7	153	25.6
2225	HL 2093	157	27.9	156	27.4	158	25.4
2250	MZ 1266BT	166	26.9	169	27.9	168	26.3
2250	MZ 130	151	25.2	153	25.7	154	24.4
2250	LR 9780RR	-	-	-	-	-	-
2250	TS 7950	159	30.8	165	30.4	161	28.7
2250	39Z69	156	28.1	-	-	-	-
2250	39B94	170	27.4	169	28.9	172	26.8
2250	39D97	164	27.7	164	29.1	-	-
2250	HL B18R	158	29.6	162	28.8	-	-
2250	BAXXOS RR	163	31.4	167	31.2	169	29.2
2250	TS 7952	159	29.1	-	-	-	-
2275	23004VT3	-	-	-	-	-	-
2275	X3199	-	-	-	-	-	-
2275	HL B14R	157	30.5	161	30.4	161	28.0
2300	A4632G3	-	-	-	-	-	-
2300	HL B16R	162	32.2	168	32.2	168	30.6
2300	MZ 1677R	162	30.1	-	-	-	-
2300	MZ 1754BT	165	30.7	173	30.3	175	28.1
2350	20T47RR	161	28.8	-	-	-	-
2350	39V05	165	27.7	-	-	-	-
2350	N09T-3000GT	-	-	-	-	-	-
2375	DKC30-20	171	28.2	-	-	-	-
2375	HL 2222	159	28.4	158	28.4	-	-
2400	20T18RR	167	29.8	173	30.0	174	28.0
2400	EX0160	-	-	-	-	-	-
2400	DKC34-29	175	31.0	-	-	-	-
2400	P8107HR	-	-	-	-	-	-
2400	39V07	161	29.2	-	-	-	-
2400	H9301R	-	-	-	-	-	-
2425	2792RR	-	-	-	-	-	-
2450	N14D-CB/LL	169	29.1	175	29.5	-	-
2450	39V08	-	-	-	-	-	-
2475	X0756RR	-	-	-	-	-	-
2500	HLX2098	-	-	-	-	-	-
2500	EX 0161	-	-	-	-	-	-
2525	DKC35-43	-	-	-	-	-	-
2525	H9303BR	-	-	-	-	-	-
2525	H0915R	-	-	-	-	-	-
2550	33K97RR	-	-	-	-	-	-
2675	DKC38-26	-	-	-	-	-	-
2775	DKC42-72	-	-	-	-	-	-

REINLAND - GRAIN CORN - 2010 RESULTS

Planted: May 15, 2010

Harvested: October 13, 2010

CHU	Hybrid	Traits	Distributor	2010 Results			
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Silk 50%
2050	P7213R	RR2	Pioneer Hi-Bred	132	16.6	61.6	69
2100	P7535R	RR2	Pioneer Hi-Bred	139	17.6	59.7	69
2100	39B61	RR2	Pioneer Hi-Bred	129	17.2	60.8	68
2100	P7443R	RR2	Pioneer Hi-Bred	136	16.5	58.2	70
2100	A4170RR	RR2	PRIDE Seeds	159	19.8	58.5	69
2125	22062RR	RR2	PICKSEED	140	18.2	59.7	70
2125	A4176BTRR	BT, RR2	PRIDE Seeds	160	19.5	58.1	69
2150	LR 9975RR	RR2	Delmar Commodities	171	18.5	57.7	71
2150	LR 9074RB	YGCB, RR2	Delmar Commodities	142	16.7	60.6	70
2150	DKC26-79	YGCB, RR	Monsanto Canada	134	18.4	59.5	68
2150	39B64	HX1, LL, RR2	Pioneer Hi-Bred	150	17.3	61.3	69
2150	P7535HR	HX1, LL, RR2	Pioneer Hi-Bred	139	17.7	59.3	70
2150	N04A-3000GT	CB, LL, RW, GT	Syngenta Seeds	146	17.1	61.1	70
2175	LR 9875RR	RR2	Delmar Commodities	147	20.7	58.4	68
2175	MZ 1261BR	YGCB, RR2	Maizex Seeds	131	18.7	59.3	69
2175	39D95	RR2	Pioneer Hi-Bred	157	17.5	60.1	70
2200	DKC27-33	YGCB, RR	Monsanto Canada	136	19.5	61.3	67
2200	2219RR	RR2	PICKSEED	179	19.0	58.5	72
2200	SilEx BTRR	YGCB, RR2	PICKSEED	174	20.8	58.1	70
2200	A4240RR	RR2	PRIDE Seeds	166	18.6	56.1	71
2200	N05-GT	GT	Syngenta Seeds	128	18.2	60.9	70
2225	HL R208	RR	Hyland Seeds	141	20.1	59.5	68
2225	HL 2093	-	Hyland Seeds	127	16.9	59.8	68
2250	LR 9780RR	RR2	Delmar Commodities	164	19.8	56.1	73
2250	HL B18R	BT, RR	Hyland Seeds	151	20.5	61.1	69
2250	BAXXOS RR	RR	Hyland Seeds	169	22.2	58.7	68
2250	MZ 1266BT	YGCB	Maizex Seeds	161	19.8	57.1	69
2250	MZ 130	-	Maizex Seeds	136	17.5	59.3	70
2250	39Z69	HX1, LL, RR2	Pioneer Hi-Bred	147	17.9	59.2	71
2250	39B94	HX1, LL, RR2	Pioneer Hi-Bred	147	18.1	60.1	72
2250	39D97	HX1, LL, RR2	Pioneer Hi-Bred	158	17.8	59.5	70
2250	TS 7950	-	Quarry Grain	155	21.2	59.5	69
2250	TS 7952	-	Quarry Grain	157	18.8	56.6	73
2275	X3199	-	BrettYoung	138	22.1	59.2	70
2275	HL B14R	BT, RR	Hyland Seeds	148	21.2	57.9	70
2275	23004VT3	YGV3	PICKSEED	158	19.0	57.3	71
2300	HL B16R	BT, RR	Hyland Seeds	180	23.3	58.1	69
2300	MZ 1677R	RR2	Maizex Seeds	171	20.1	57.9	71
2300	MZ 1754BT	YGCB	Maizex Seeds	166	19.8	58.9	69
2300	A4632G3	VT3	PRIDE Seeds	154	19.7	57.4	72
2350	20T47RR	-	BrettYoung	170	18.0	58.1	71
2350	39V05	RR2	Pioneer Hi-Bred	171	15.5	58.7	70
2350	N09T-3000GT	CB, LL, RW, GT	Syngenta Seeds	152	19.0	58.5	72
2375	HL 2222	-	Hyland Seeds	149	18.2	57.1	71
2375	DKC30-20	YGCB, RR, YGRW	Monsanto Canada	157	18.6	59.2	71
2400	20T18RR	RR	BrettYoung	184	21.6	58.1	70
2400	H9301R	RR	Hyland Seeds	162	18.9	57.7	71
2400	EX0160	-	Maizex Seeds	150	17.5	59.5	69
2400	DKC34-29	YGCB, RR	Monsanto Canada	177	19.9	59.2	72
2400	P8107HR	HX1, LL, RR2	Pioneer Hi-Bred	147	18.6	57.6	72
2400	39V07	HX1, LL, RR2	Pioneer Hi-Bred	179	17.3	56.5	72
2425	2792RR	RR	Seeds 2000	170	22.9	58.2	70
2450	39V08	HX1, LL, RR2, HXX	Pioneer Hi-Bred	161	19.3	55.3	73
2450	N14D-CB/LL	CB, LL	Syngenta Seeds	158	21.0	59.8	71
2475	X0756RR	RR	BrettYoung	157	17.5	59.5	71
2500	HLX2098	-	Hyland Seeds	166	19.7	56.8	74
2500	EX 0161	RR	Maizex Seeds	150	20.9	57.3	74
2525	H9303BR	BT, RR	Hyland Seeds	148	20.1	53.9	78
2525	H0915R	RR	Hyland Seeds	170	20.3	52.4	75
2525	DKC35-43	YGCB, RR, YGRW	Monsanto Canada	178	20.5	56.1	73
2550	33K97RR	RR	BrettYoung	181	19.5	58.1	73
2675	DKC38-26	YGCB, RR, YGRW	Monsanto Canada	179	20.9	57.6	73
2775	DKC42-72	YGCB, RR, YGRW	Monsanto Canada	181	23.7	52.9	74
Site Average				155	19.2	-	71
CV				6	4.9	-	1.4
Sign Diff				Yes	Yes	-	Yes
LSD				14	1.5	-	2

REINLAND - GRAIN CORN - LONG TERM DATA

CHU	Hybrid	2-Year Average (2008 & 2010)		3-Year Average (2007 - 08 & 2010)		4-Year Average (2006 - 08 & 2010)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2050	P7213R	-	-	-	-	-	-
2100	A4170RR	162	23.0	-	-	-	-
2100	P7535R	-	-	-	-	-	-
2100	39B61	-	-	-	-	-	-
2100	P7443R	-	-	-	-	-	-
2125	A4176BTRR	166	22.2	-	-	-	-
2125	22062RR	-	-	-	-	-	-
2150	DKC26-79	143	20.4	148	20.7	152	19.3
2150	LR 9975RR	-	-	-	-	-	-
2150	39B64	144	19.2	-	-	-	-
2150	P7535HR	-	-	-	-	-	-
2150	N04A-3000GT	-	-	-	-	-	-
2150	LR 9074RB	-	-	-	-	-	-
2175	MZ 1261BR	138	22.1	-	-	-	-
2175	LR 9875RR	152	23.9	-	-	-	-
2175	39D95	157	20.1	166	20.7	-	-
2200	A4240RR	-	-	-	-	-	-
2200	2219RR	-	-	-	-	-	-
2200	SilEx BTRR	-	-	-	-	-	-
2200	DKC27-33	-	-	-	-	-	-
2200	N05-GT	-	-	-	-	-	-
2225	HL R208	143	21.5	146	21.6	152	20.3
2225	HL 2093	133	18.9	138	20.3	145	19.4
2250	MZ 1266BT	155	22.5	161	23.0	161	21.2
2250	MZ 130	141	18.6	149	19.9	151	18.3
2250	LR 9780RR	168	23.4	-	-	-	-
2250	TS 7950	158	23.7	168	24.4	-	-
2250	39Z69	156	20.1	-	-	-	-
2250	39B94	150	20.8	163	21.5	-	-
2250	39D97	-	-	-	-	-	-
2250	HL B18R	154	22.2	-	-	-	-
2250	BAXXOS RR	166	24.1	172	24.3	172	22.4
2250	TS 7952	-	-	-	-	-	-
2275	23004VT3	-	-	-	-	-	-
2275	X3199	-	-	-	-	-	-
2275	HL B14R	148	23.8	156	23.7	-	-
2300	A4632G3	-	-	-	-	-	-
2300	HL B16R	170	25.1	175	25.4	174	23.1
2300	MZ 1677R	-	-	-	-	-	-
2300	MZ 1754BT	171	22.1	172	22.9	176	21.1
2350	20T47RR	-	-	-	-	-	-
2350	39V05	-	-	-	-	-	-
2350	N09T-3000GT	-	-	-	-	-	-
2375	DKC30-20	-	-	-	-	-	-
2375	HL 2222	153	20.8	-	-	-	-
2400	20T18RR	173	24.0	-	-	-	-
2400	EX0160	-	-	-	-	-	-
2400	DKC34-29	-	-	-	-	-	-
2400	P8107HR	-	-	-	-	-	-
2400	39V07	-	-	-	-	-	-
2400	H9301R	-	-	-	-	-	-
2425	2792RR	-	-	-	-	-	-
2450	N14D-CB/LL	166	23.2	-	-	-	-
2450	39V08	-	-	-	-	-	-
2475	X0756RR	-	-	-	-	-	-
2500	HLX2098	-	-	-	-	-	-
2500	EX 0161	-	-	-	-	-	-
2525	DKC35-43	-	-	-	-	-	-
2525	H9303BR	-	-	-	-	-	-
2525	H0915R	-	-	-	-	-	-
2550	33K97RR	-	-	-	-	-	-
2675	DKC38-26	-	-	-	-	-	-
2775	DKC42-72	-	-	-	-	-	-

MACGREGOR - GRAIN CORN - 2010 RESULTS

Planted: May 11, 2010

Harvested: October 22, 2010

CHU	Hybrid	Traits	Distributor	2010 Results			
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Silk 50%
2050	P7213R	RR2	Pioneer Hi-Bred	139	16.0	59.4	73
2100	P7535R	RR2	Pioneer Hi-Bred	145	14.6	58.4	74
2100	39B61	RR2	Pioneer Hi-Bred	133	14.7	60.8	73
2100	P7443R	RR2	Pioneer Hi-Bred	133	13.7	57.9	75
2100	A4170RR	RR2	PRIDE Seeds	164	17.8	57.5	73
2125	22062RR	RR2	PICKSEED	126	14.8	59.1	75
2125	A4176BTRR	BT, RR2	PRIDE Seeds	161	18.3	57.9	74
2150	LR 9975RR	RR2	Delmar Commodities	163	15.3	58.7	75
2150	LR 9074RB	YGCB, RR2	Delmar Commodities	134	14.3	59.2	75
2150	DKC26-79	YGCB, RR	Monsanto Canada	152	17.4	59.2	73
2150	39B64	HX1, LL, RR2	Pioneer Hi-Bred	136	16.2	59.5	73
2150	P7535HR	HX1, LL, RR2	Pioneer Hi-Bred	147	15.8	57.7	75
2150	N04A-3000GT	CB, LL, RW, GT	Syngenta Seeds	137	15.5	59.5	76
2175	LR 9875RR	RR2	Delmar Commodities	146	17.5	59.1	75
2175	MZ 1261BR	YGCB, RR2	Maizex Seeds	157	18.2	58.8	72
2175	39D95	RR2	Pioneer Hi-Bred	152	15.3	58.3	73
2200	DKC27-33	YGCB, RR	Monsanto Canada	141	16.8	59.8	72
2200	2219RR	RR2	PICKSEED	169	15.3	57.7	75
2200	SIEx BTRR	YGCB, RR2	PICKSEED	180	17.6	57.8	74
2200	A4240RR	RR2	PRIDE Seeds	167	15.8	58.2	77
2200	N05-GT	GT	Syngenta Seeds	106	17.1	60.7	73
2225	HL R208	RR	Hyland Seeds	155	16.6	58.3	73
2225	HL 2093	-	Hyland Seeds	144	15.8	58.0	73
2250	LR 9780RR	RR2	Delmar Commodities	164	14.5	53.9	78
2250	HL B18R	BT, RR	Hyland Seeds	157	18.5	60.0	73
2250	BAXXOS RR	RR	Hyland Seeds	129	17.9	58.4	73
2250	MZ 1266BT	YGCB	Maizex Seeds	124	16.4	58.0	74
2250	MZ 130	-	Maizex Seeds	119	14.3	59.7	75
2250	39Z69	HX1, LL, RR2	Pioneer Hi-Bred	164	14.6	58.7	76
2250	39B94	HX1, LL, RR2	Pioneer Hi-Bred	161	15.6	58.4	77
2250	39D97	HX1, LL, RR2	Pioneer Hi-Bred	162	14.9	57.7	76
2250	TS 7950	-	Quarry Grain	145	16.8	58.2	75
2250	TS 7952	-	Quarry Grain	154	14.6	58.5	76
2275	X3199	-	BrettYoung	149	17.8	59.6	74
2275	HL B14R	BT, RR	Hyland Seeds	147	16.9	58.5	74
2275	23004VT3	YGV3	PICKSEED	176	15.3	57.4	75
2300	HL B16R	BT, RR	Hyland Seeds	150	18.8	58.4	74
2300	A4632G3	VT3	PRIDE Seeds	142	15.2	58.7	76
2350	20T47RR	-	BrettYoung	175	15.1	58.3	76
2350	39V05	RR2	Pioneer Hi-Bred	142	14.5	56.7	76
2350	N09T-3000GT	CB, LL, RW, GT	Syngenta Seeds	150	16.4	58.8	77
2375	DKC30-20	YGCB, RR, YGRW	Monsanto Canada	146	13.7	58.0	75
2400	20T18RR	RR	BrettYoung	164	18.5	56.9	75
2400	H9301R	RR	Hyland Seeds	155	15.7	58.7	77
2400	EX0160	-	Maizex Seeds	152	16.1	57.7	74
2400	DKC34-29	YGCB, RR	Monsanto Canada	174	17.3	56.2	78
2400	P8107HR	HX1, LL, RR2	Pioneer Hi-Bred	165	16.3	55.6	76
2400	39V07	HX1, LL, RR2	Pioneer Hi-Bred	170	15.7	55.6	78
2450	N14D-CB/LL	CB, LL	Syngenta Seeds	141	18.5	59.0	77
2475	X0756RR	RR	BrettYoung	161	14.6	58.0	77
2500	HLX2098	-	Hyland Seeds	146	14.9	56.7	79
2525	H9303BR	BT, RR	Hyland Seeds	158	16.5	54.9	80
2525	H0915R	RR	Hyland Seeds	158	14.8	54.1	79
2525	DKC35-43	YGCB, RR, YGRW	Monsanto Canada	167	16.4	-	79
2550	33K97RR	RR	BrettYoung	155	14.8	-	78
2675	DKC38-26	YGCB, RR, YGRW	Monsanto Canada	169	17.6	57.0	76
2775	DKC42-72	YGCB, RR, YGRW	Monsanto Canada	187	17.6	54.1	76
Site Average				152	16.1	-	75
CV				6.3	4.0	-	1.5
Sign Diff				Yes	Yes	-	Yes
LSD				16	1.0	-	2

MACGREGOR - GRAIN CORN - LONG TERM DATA

CHU	Hybrid	2-Year Average (2009 - 2010)		3-Year Average (2008 - 2010)		4-Year Average (2007 - 2010)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2050	P7213R	141	19.9	-	-	-	-
2100	A4170RR	158	24.0	163	28.0	-	-
2100	P7535R	145	21.7	-	-	-	-
2100	39B61	138	20.0	-	-	-	-
2100	P7443R	-	-	-	-	-	-
2125	A4176BTRR	160	24.3	168	27.5	-	-
2125	22062RR	-	-	-	-	-	-
2150	DKC26-79	151	23.0	158	26.6	162	25.4
2150	LR 9975RR	160	23.7	-	-	-	-
2150	39B64	144	21.9	141	25.8	-	-
2150	P7535HR	150	24.8	159	27.3	-	-
2150	N04A-3000GT	-	-	-	-	-	-
2150	LR 9074RB	142	22.4	-	-	-	-
2175	MZ 1261BR	156	23.8	156	27.2	-	-
2175	LR 9875RR	145	24.5	155	27.7	-	-
2175	39D95	159	20.8	161	25.6	168	25.5
2200	A4240RR	-	-	-	-	-	-
2200	2219RR	152	23.0	-	-	-	-
2200	SilEx BTRR	172	23.8	-	-	-	-
2200	DKC27-33	146	24.7	-	-	-	-
2200	N05-GT	-	-	-	-	-	-
2225	HL R208	147	23.1	151	26.4	155	25.9
2225	HL 2093	140	22.9	143	25.5	147	25.3
2250	MZ 1266BT	143	22.1	148	25.5	154	25.6
2250	MZ 130	137	19.4	145	23.6	152	23.5
2250	LR 9780RR	-	-	-	-	-	-
2250	TS 7950	154	23.9	154	28.2	-	-
2250	39Z69	159	20.2	159	25.1	-	-
2250	39B94	160	22.0	167	25.1	171	25.7
2250	39D97	158	22.2	160	26.4	164	26.8
2250	HL B18R	151	24.8	158	28.5	-	-
2250	BAXXOS RR	142	25.1	145	28.6	157	27.7
2250	TS 7952	150	23.3	-	-	-	-
2275	23004VT3	-	-	-	-	-	-
2275	X3199	-	-	-	-	-	-
2275	HL B14R	147	24.0	149	28.8	156	28.2
2300	A4632G3	-	-	-	-	-	-
2300	HL B16R	150	25.4	159	27.9	161	27.8
2350	20T47RR	168	22.9	-	-	-	-
2350	39V05	140	22.4	-	-	-	-
2350	N09T-3000GT	-	-	-	-	-	-
2375	DKC30-20	156	20.5	-	-	-	-
2400	20T18RR	-	-	-	-	-	-
2400	EX0160	-	-	-	-	-	-
2400	DKC34-29	-	-	-	-	-	-
2400	P8107HR	-	-	-	-	-	-
2400	39V07	160	23.1	-	-	-	-
2400	H9301R	-	-	-	-	-	-
2450	N14D-CB/LL	154	24.2	159	27.5	-	-
2475	X0756RR	-	-	-	-	-	-
2500	HLX2098	-	-	-	-	-	-
2525	DKC35-43	-	-	-	-	-	-
2525	H9303BR	-	-	-	-	-	-
2525	H0915R	-	-	-	-	-	-
2550	33K97RR	-	-	-	-	-	-
2675	DKC38-26	-	-	-	-	-	-
2775	DKC42-72	-	-	-	-	-	-

ST.PIERRE - GRAIN CORN - 2010 RESULTS

Planted: May 18, 2010

Harvested: October 22, 2010

CHU	Hybrid	Traits	Distributor	2010 Results			
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Silk 50%
2050	P7213R	RR2	Pioneer Hi-Bred	121	15.6	57.4	68
2100	P7535R	RR2	Pioneer Hi-Bred	140	14.8	56.5	69
2100	39B61	RR2	Pioneer Hi-Bred	109	14.7	56.9	68
2100	P7443R	RR2	Pioneer Hi-Bred	113	12.8	56.9	70
2100	A4170RR	RR2	PRIDE Seeds	140	17.7	56.8	68
2125	22062RR	RR2	PICKSEED	138	14.4	58.2	70
2125	A4176BTRR	BT, RR2	PRIDE Seeds	141	18.2	57.6	70
2150	LR 9975RR	RR2	Delmar Commodities	158	16.4	57.7	73
2150	LR 9074RB	YGCB, RR2	Delmar Commodities	128	14.8	55.2	70
2150	DKC26-79	YGCB, RR	Monsanto Canada	149	16.8	56.8	68
2150	39B64	HX1, LL, RR2	Pioneer Hi-Bred	121	14.8	58.1	68
2150	P7535HR	HX1, LL, RR2	Pioneer Hi-Bred	145	15.4	56.0	70
2150	N04A-3000GT	CB, LL, RW, GT	Syngenta Seeds	113	15.5	58.2	71
2175	LR 9875RR	RR2	Delmar Commodities	128	17.3	59.3	69
2175	MZ 1261BR	YGCB, RR2	Maizex Seeds	151	17.5	57.7	68
2175	39D95	RR2	Pioneer Hi-Bred	140	13.8	55.3	70
2200	DKC27-33	YGCB, RR	Monsanto Canada	126	15.1	57.3	69
2200	2219RR	RR2	PICKSEED	145	15.8	55.8	71
2200	SiiEx BTRR	YGCB, RR2	PICKSEED	133	17.2	57.1	70
2200	A4240RR	RR2	PRIDE Seeds	161	16.4	56.6	73
2200	N05-GT	GT	Syngenta Seeds	131	16.5	59.3	68
2225	HL R208	RR	Hyland Seeds	121	16.5	56.5	68
2225	HL 2093	-	Hyland Seeds	137	14.3	58.7	69
2250	LR 9780RR	RR2	Delmar Commodities	151	15.3	54.0	74
2250	HL B18R	BT, RR	Hyland Seeds	142	18.6	58.4	69
2250	BAXXOS RR	RR	Hyland Seeds	137	17.9	57.1	70
2250	MZ 1266BT	YGCB	Maizex Seeds	131	17.2	56.1	68
2250	MZ 130	-	Maizex Seeds	113	15.0	56.6	71
2250	39Z69	HX1, LL, RR2	Pioneer Hi-Bred	135	14.6	55.8	72
2250	39B94	HX1, LL, RR2	Pioneer Hi-Bred	132	14.3	56.6	72
2250	39D97	HX1, LL, RR2	Pioneer Hi-Bred	135	14.0	54.0	71
2250	TS 7950	-	Quarry Grain	140	17.8	57.4	71
2250	TS 7952	-	Quarry Grain	154	16.3	57.9	74
2275	X3199	-	BrettYoung	141	18.2	58.1	69
2275	HL B14R	BT, RR	Hyland Seeds	138	17.1	57.3	70
2275	23004VT3	YGVT3	PICKSEED	155	15.7	55.5	71
2300	HL B16R	BT, RR	Hyland Seeds	138	18.8	56.5	69
2300	A4632G3	VT3	PRIDE Seeds	144	14.9	55.3	73
2350	20T47RR	-	BrettYoung	160	16.0	56.5	72
2350	39V05	RR2	Pioneer Hi-Bred	118	13.5	54.7	70
2350	N09T-3000GT	CB, LL, RW, GT	Syngenta Seeds	130	16.7	56.5	72
2375	DKC30-20	YGCB, RR, YGRW	Monsanto Canada	140	14.9	56.1	72
2400	20T18RR	RR	BrettYoung	149	18.5	56.8	70
2400	H9301R	RR	Hyland Seeds	158	15.7	56.5	72
2400	EX0160	-	Maizex Seeds	136	15.0	55.5	70
2400	DKC34-29	YGCB, RR	Monsanto Canada	165	15.6	56.3	74
2400	P8107HR	HX1, LL, RR2	Pioneer Hi-Bred	156	16.1	54.7	73
2400	39V07	HX1, LL, RR2	Pioneer Hi-Bred	142	14.3	56.3	73
2450	N14D-CB/LL	CB, LL	Syngenta Seeds	140	18.7	58.4	72
2475	X0756RR	RR	BrettYoung	139	15.2	-	73
2500	HLX2098	-	Hyland Seeds	136	15.1	56.1	75
2525	H9303BR	BT, RR	Hyland Seeds	147	17.6	53.7	77
2525	H0915R	RR	Hyland Seeds	152	16.3	52.3	76
2525	DKC35-43	YGCB, RR, YGRW	Monsanto Canada	161	15.4	56.5	75
2550	33K97RR	RR	BrettYoung	154	16.2	56.3	75
2675	DKC38-26	YGCB, RR, YGRW	Monsanto Canada	172	18.1	54.9	75
2775	DKC42-72	YGCB, RR, YGRW	Monsanto Canada	154	21.2	51.5	77
Site Average				140	16.1	-	71
CV				7	4.4	-	1.3
Sign Diff				Yes	Yes	-	Yes
LSD				15	1.2	-	2

ST.PIERRE - GRAIN CORN - LONG TERM DATA

CHU	Hybrid	2-Year Average (2008 & 2010)		3-Year Average (2007 - 08 & 2010)		4-Year Average (2006 - 08 & 2010)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2050	P7213R	-	-	-	-	-	-
2100	A4170RR	150	26.5	-	-	-	-
2100	P7535R	-	-	-	-	-	-
2100	39B61	-	-	-	-	-	-
2100	P7443R	-	-	-	-	-	-
2125	A4176BTRR	153	26.2	-	-	-	-
2125	22062RR	-	-	-	-	-	-
2150	DKC26-79	147	24.8	150	24.2	145	22.3
2150	LR 9975RR	-	-	-	-	-	-
2150	39B64	130	23.0	-	-	-	-
2150	P7535HR	-	-	-	-	-	-
2150	N04A-3000GT	-	-	-	-	-	-
2150	LR 9074RB	-	-	-	-	-	-
2175	MZ 1261BR	-	-	-	-	-	-
2175	LR 9875RR	146	26.2	-	-	-	-
2175	39D95	148	23.0	156	23.1	-	-
2200	A4240RR	-	-	-	-	-	-
2200	2219RR	-	-	-	-	-	-
2200	SilEx BTRR	-	-	-	-	-	-
2200	DKC27-33	-	-	-	-	-	-
2200	N05-GT	-	-	-	-	-	-
2225	HL R208	139	24.5	146	24.2	148	22.0
2225	HL 2093	137	22.1	140	22.5	141	20.8
2250	MZ 1266BT	-	-	-	-	-	-
2250	MZ 130	-	-	-	-	-	-
2250	LR 9780RR	151	27.2	-	-	-	-
2250	TS 7950	144	27.2	156	27.1	-	-
2250	39Z69	141	24.4	-	-	-	-
2250	39B94	148	23.0	-	-	-	-
2250	39D97	142	24.0	146	24.3	-	-
2250	HL B18R	140	26.2	-	-	-	-
2250	BAXXOS RR	145	27.3	138	27.0	140	24.7
2250	TS 7952	-	-	-	-	-	-
2275	23004VT3	-	-	-	-	-	-
2275	X3199	-	-	-	-	-	-
2275	HL B14R	-	-	-	-	-	-
2300	A4632G3	-	-	-	-	-	-
2300	HL B16R	147	26.8	136	27.0	138	24.4
2350	20T47RR	-	-	-	-	-	-
2350	39V05	-	-	-	-	-	-
2350	N09T-3000GT	-	-	-	-	-	-
2375	DKC30-20	-	-	-	-	-	-
2400	20T18RR	151	26.7	157	26.9	-	-
2400	EX0160	-	-	-	-	-	-
2400	DKC34-29	-	-	-	-	-	-
2400	P8107HR	-	-	-	-	-	-
2400	39V07	-	-	-	-	-	-
2400	H9301R	-	-	-	-	-	-
2450	N14D-CB/LL	155	26.8	-	-	-	-
2475	X0756RR	-	-	-	-	-	-
2500	HLX2098	-	-	-	-	-	-
2525	DKC35-43	-	-	-	-	-	-
2525	H9303BR	-	-	-	-	-	-
2525	H0915R	-	-	-	-	-	-
2550	33K97RR	-	-	-	-	-	-
2675	DKC38-26	-	-	-	-	-	-
2775	DKC42-72	-	-	-	-	-	-

MELITA - GRAIN CORN - 2010 RESULTS

Planted: May 26, 2010

Harvested: October 21, 2010

CHU	Hybrid	Traits	Distributor	2010 Results			2-Year Average (2009 - 2010)	
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Yield (bu/ac)	Moisture (%)
2050	P7213R	RR2	Pioneer Hi-Bred	73	23.8	47.9	87	26.7
2100	P7535R	RR2	Pioneer Hi-Bred	80	24.4	44.6	87	29.8
2100	39B61	RR2	Pioneer Hi-Bred	83	28.0	44.5	82	31.7
2100	P7443R	RR2	Pioneer Hi-Bred	90	21.1	47.1	-	-
2150	LR 9975RR	RR2	Delmar Commodities	69	25.9	41.9	76	33.7
2150	LR 9074RB	YGCB, RR2	Delmar Commodities	77	25.2	45.0	79	32.3
2150	DKC26-79	YGCB, RR	Monsanto Canada	76	25.8	45.2	85	32.9
2150	P7535HR	HX1, LL, RR2	Pioneer Hi-Bred	89	22.9	45.0	-	-
2150	N04A-3000GT	CB, LL, RW, GT	Syngenta Seeds	79	28.7	45.7	-	-
2175	39D95	RR2	Pioneer Hi-Bred	91	23.6	45.0	94	27.1
2200	DKC27-33	YGCB, RR	Monsanto Canada	93	22.2	49.1	95	29.6
2200	A4240RR	RR2	PRIDE Seeds	87	23.5	45.4	-	-
2200	N05-GT	GT	Syngenta Seeds	86	21.7	51.8	-	-
2225	HL R208	RR	Hyland Seeds	79	27.4	45.1	87	30.2
2250	HL B18R	BT, RR	Hyland Seeds	88	25.5	48.0	-	-
2250	39B94	HX1, LL, RR2	Pioneer Hi-Bred	84	26.1	45.2	93	29.5
Site Average				83	24.7	46.0		
CV				11.0	12.7	4.6		
Sign Diff				No	No	Yes		
LSD				-	-	4		

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