

# **2011 Manitoba Corn Hybrid Performance Trials**



**Conducted by the Manitoba Corn Committee**

## Welcome to the 2011 MCC Brochure

Welcome to the 2011 edition of the Manitoba Corn Hybrid Performance Trials results, compliments of the Manitoba Corn Committee (MCC). The MCC brochure remains the source for unbiased and local corn hybrid information from various locations across Manitoba.

The 2011 growing season was another challenging one for Manitoba farmers. The year started much like it left off last fall...wet, wet and wet. Precipitation continued throughout May and June, impacting both seeding and stand establishment for many crops. Corn acres were still respectable in Manitoba at approximately 178,000 acres and most were seeded mid to late May and established sufficiently. But then the summer months came and the taps turned off and the heat was on. Drought-like conditions impacted numerous crops in Manitoba but corn seemed to weather the dry, hot conditions not too badly. Killing frost events occurred mid-September; fortunately Manitoba's corn crop was close enough to physiological maturity that the impact of frost on yield and quality was minimal. The dry conditions lasted through the rest of September and well into October, aiding in quick dry down. For the first time in a number of years, some producers took their corn off dry enough that only aeration was required to bring it to safe storage moisture contents. And a welcome change was majority of corn harvest in Manitoba was complete by the third week of October! Reported yields were extremely variable, resulting from the excessive early moisture followed by drought-like conditions. Similar results were seen in our MCC trials.

The 2011 season saw a big change for the MCC trials. Our long standing contractor Keith Murphy of Murphy et al. Inc. no longer does corn trials so the MCC started the search for new contractors. It was decided that for 2011, we would not conduct corn silage trials and would revisit them in the future. For 2011, there were grain hybrid evaluation trials located at Carman, Reinland, MacGregor, St.Pierre, and Melita. Unfortunately, we lost the Melita location to flooding and the MacGregor site, although harvested, showed extreme variability and data was not approved for publication. All sites were managed to optimize corn production (i.e. adequate fertility, weed control). Hybrids were evaluated at a plant population of 26,000 plants per acre. All plots were planted at a higher rate and thinned to achieve the target population and entries were replicated three times at each location. I would like to thank our contractors for 2011 – AgQuest Inc., Pioneer Hi-Bred, ICMS, Inc., and Scott Day and Scott Chalmers of WADO – for all their hard work. I would also like to thank Hyland Seeds and Lorne Loepky for providing land for the Carman and St.Pierre locations.

A friendly reminder as you read through the MCC brochure is to always use caution when looking at single site year data. A good example is to look at the effect of this summer's weather on the moisture contents at harvest. The hot, dry weather resulted in grain corn drying down quite quickly to moisture contents we normally don't see. Therefore you don't want to put too much emphasis on moisture contents at harvest for 2011 and coming to the conclusion you can get by with a longer season variety with higher yield potential. To help evaluate relative maturity, also look at the bushel weight and days to 50% silk. Remember, one year's data isn't enough to accurately predict a hybrid's performance. The more site years of data (especially if it is over more than one season), the more dependable the data is. So be sure to check out the long term data that is presented for the locations. And 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. For 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/>.

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*  
204.745.5676

### **Note: 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 "2011 Manitoba Corn Hybrid Performance Trials" brochure and indicate the complete brochure can be obtained from either Pam de Rocquigny or from the Manitoba Corn Growers Association (204.745.6661). The MCC wishes to thank you in advance for your cooperation.**

### **IMPORTANT NOTES FOR THE GRAIN 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.
- **Please note that there are no bushel weights or silking data for Reinland.**
- 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 2010 & 2011, the 3-year average is 2008 & 2010-2011, and the 4-year average is 2007-2008 & 2010-2011.**
- 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.

**CARMAN - GRAIN CORN - 2011 RESULTS**

Planted: May 20, 2011

Harvested: October 13, 2011

CHU	Hybrid	Traits	Distributor	2011 Results			
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Silk 50%
2000	39F44	RR2	Pioneer Hi-Bred	115	17.5	59.2	64
2050	P7213R	RR2	Pioneer Hi-Bred	101	15.2	60.1	73
2075	A4022RR	RR2	PRIDE Seeds	98	16.4	53.1	74
2100	A4023BTRR	BT/RR2	PRIDE Seeds	139	16.1	54.3	76
2100	A4170RR	RR	PRIDE Seeds	132	15.8	57.0	73
2100	P7535R	RR2	Pioneer Hi-Bred	135	16.6	56.1	72
2100	P7443R	RR2	Pioneer Hi-Bred	151	15.4	57.8	72
2100	X0425	-	BrettYoung	99	15.9	57.2	73
2100	LR9074 RR	YGCB/RR	Delmar Commodities	100	16.9	56.2	74
2125	A4176BTRR	BT/RR2	PRIDE Seeds	132	17.1	55.6	74
2125	DKC26-25	-	Monsanto Canada	123	16.0	56.8	73
2125	LR9975 RR	RR2	Delmar Commodities	120	17.0	56.6	74
2125	LR9780 RR	RR2	Delmar Commodities	143	17.2	51.9	77
2150	30A27 RR	RR	BrettYoung	131	17.7	57.0	71
2150	2304RR	RR2	PICKSEED	125	16.5	54.0	73
2150	P7535HR	HX1/LL/RR2	Pioneer Hi-Bred	141	16.9	55.8	72
2175	DKC27-54	RR	Monsanto Canada	118	17.9	57.8	73
2175	39D95	RR2	Pioneer Hi-Bred	155	15.9	56.3	75
2200	A4240RR	RR	PRIDE Seeds	142	17.2	55.6	75
2200	MZ 1261RR	YGCB/RR2	Maizex Seeds Inc.	107	17.7	57.2	68
2200	2219RR	RR2	PICKSEED	109	17.2	55.7	75
2200	SilEx BTRR	YGCB/RR2	PICKSEED	141	18.7	55.7	75
2200	HL R208	RR	Hyland Seeds	100	15.4	58.4	73
2200	N04F-3000GT	GT/CB/LL/RW	Syngenta Seeds	116	16.8	58.1	76
2200	39B90	RR2	Pioneer Hi-Bred	133	16.5	57.8	75
2200	DKC28-76	-	Monsanto Canada	111	16.5	57.6	73
2200	PP EXP178	RR	Prairie Pacific Seeds	129	17.7	52.2	76
2250	LF 690R	RR2	Maizex Seeds Inc.	136	16.9	55.3	73
2250	HL B18R	YGBT/RR	Hyland Seeds	92	16.3	59.2	73
2250	BAXXOS RR	RR	Hyland Seeds	78	17.1	57.3	73
2250	HL B16R	YGCB/RR	Hyland Seeds	105	16.8	58.6	73
2250	39Z69	HX1/LL/RR2	Pioneer Hi-Bred	116	16.7	57.3	75
2250	39B94	HX1/LL/RR2	Pioneer Hi-Bred	113	15.8	57.7	75
2250	39D97	HX1/LL/RR2	Pioneer Hi-Bred	117	16.0	56.0	74
2250	EX1111	GT	Maizex Seeds Inc.	132	15.2	54.2	80
2300	A4632G3	VT3	PRIDE Seeds	112	19.2	56.4	75
2300	MZ 1440R	RR2	Maizex Seeds Inc.	122	17.8	58.0	71
2300	EX1104	GT	Maizex Seeds Inc.	110	19.0	55.4	78
2300	PP2146	RR	Prairie Pacific Seeds	138	18.4	55.4	73
2325	2411GT/CB/LL	GT/CB/LL	PICKSEED	123	18.3	54.5	76
2325	DKC30-20	RR/YGCB/YGRW	Monsanto Canada	134	17.6	55.0	75
2350	20T47 RR	RR	BrettYoung	119	17.7	55.3	75
2350	E50G27R	RR	BrettYoung	115	16.9	54.7	76
2350	A4880G3	VT3	PRIDE Seeds	123	17.8	54.2	78
2350	MZ 1445CBR	VT3/RR2	Maizex Seeds Inc.	121	17.9	56.3	72
2350	MZ 1677R	RR2	Maizex Seeds Inc.	141	17.0	55.7	75
2350	HL 3085	RR	Hyland Seeds	129	16.7	55.8	75
2350	HL B22R	YGCB/RR	Hyland Seeds	120	17.7	55.4	76
2350	N08-GT/CB/LL	GT/CB/LL	Syngenta Seeds	149	15.7	54.8	76
2350	N09T-3111	BL/GT/CG/LL/RW	Syngenta Seeds	99	19.9	55.7	76
2350	39V05	RR2	Pioneer Hi-Bred	149	17.2	55.7	75
2350	EX0152	-	Maizex Seeds Inc.	116	17.3	56.3	73
2350	EX1101	-	Maizex Seeds Inc.	134	16.0	56.4	73
2375	X8756	RR	BrettYoung	121	18.6	55.1	74
2380	2771 GT	GT	SEEDS 2000	124	17.2	53.0	76
2400	20T18 RR	RR	BrettYoung	119	19.0	53.7	75
2400	X2319	RR	BrettYoung	123	17.8	54.9	78
2400	N12R-3000GT	GT/CB/LL/RW	Syngenta Seeds	123	17.6	54.3	77
2400	P8107HR	HX1/LL/RR2	Pioneer Hi-Bred	141	17.5	53.4	74
2420	2781 RR	RR	SEEDS 2000	139	17.0	55.5	75
2450	MZ 1820R	GT	Maizex Seeds Inc.	122	17.4	54.4	77
2450	8105	SSTX	Hyland Seeds	125	15.6	54.2	78
2450	8098	SSTS	Hyland Seeds	106	18.7	52.8	80
2525	N16Z-3000GT	GT/CB/LL/RW	Syngenta Seeds	125	17.4	53.0	76
2575	DKC33-97	RR/YGCB/YGRW/SSTX	Monsanto Canada	113	18.6	55.6	79
2575	DKC35-43	RR/YGCB/YGRW	Monsanto Canada	120	17.2	55.4	79
2575	P8581R	RR2	Pioneer Hi-Bred	138	20.3	52.2	78
2600	N20Y-3000GT	GT/CB/LL/RW	Syngenta Seeds	141	17.7	52.8	74
2600	N19G-3000GT	GT/CB/LL/RW	Syngenta Seeds	134	19.1	53.3	78
2650	DKC37-41	RR/YGCB/YGRW/SSTX	Monsanto Canada	108	19.9	52.8	79
2650	DKC42-72	RR/YGCB/YGRW	Monsanto Canada	153	20.6	51.6	79
<b>Site Average</b>				123	17.3	55.6	75
<b>CV</b>				9.7	4.9	1.8	2.3
<b>Sign Diff</b>				Yes	Yes	Yes	Yes
<b>LSD</b>				19	1.4	1.6	3

**CARMAN - GRAIN CORN - LONG TERM DATA**

CHU	Hybrid	2-Year Average (2010 - 2011)		3-Year Average (2009 - 2011)		4-Year Average (2008 - 2011)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2000	39F44	-	-	-	-	-	-
2050	P7213R	130	16.7	139	20.5	-	-
2075	A4022RR	-	-	-	-	-	-
2100	A4023B1RR	-	-	-	-	-	-
2100	A4170RR	162	19.8	159	24.4	161	25.4
2100	P7535R	142	19.5	143	24.1	-	-
2100	P7443R	152	17.0	-	-	-	-
2100	X0425	-	-	-	-	-	-
2100	LR9074 RR	143	19.3	142	24.7	-	-
2125	A4176BTRR	155	20.0	158	24.9	166	26.0
2125	DKC26-25	-	-	-	-	-	-
2125	LR9975 RR	155	19.7	152	24.9	-	-
2125	LR9780 RR	165	21.4	-	-	-	-
2150	30A27 RR	-	-	-	-	-	-
2150	2304RR	-	-	-	-	-	-
2150	P7535HR	154	19.1	157	24.7	161	26.1
2175	DKC27-54	-	-	-	-	-	-
2175	39D95	165	18.3	161	23.2	162	24.5
2200	A4240RR	160	19.6	-	-	-	-
2200	MZ 1261RR	134	19.2	140	24.2	146	25.4
2200	2219RR	143	20.3	137	26.4	-	-
2200	SilEx BTRR	157	21.9	158	26.4	-	-
2200	HL R208	131	19.5	136	23.6	140	24.6
2200	N04F-3000GT	-	-	-	-	-	-
2200	39B90	-	-	-	-	-	-
2200	DKC28-76	-	-	-	-	-	-
2200	PP EXP178	-	-	-	-	-	-
2250	LF 690R	-	-	-	-	-	-
2250	HL B18R	130	20.8	136	25.1	145	25.7
2250	BAXXOS RR	128	21.9	135	26.6	144	27.7
2250	HL B16R	139	21.9	143	27.1	152	28.4
2250	39Z69	139	19.3	143	24.3	-	-
2250	39B94	148	18.1	151	23.5	-	-
2250	39D97	145	19.0	148	23.8	152	25.8
2250	EX1111	-	-	-	-	-	-
2300	A4632G3	140	21.1	-	-	-	-
2300	MZ 1440R	-	-	-	-	-	-
2300	EX1104	-	-	-	-	-	-
2300	PP2146	-	-	-	-	-	-
2325	2411GT/CB/LL	-	-	-	-	-	-
2325	DKC30-20	159	20.6	158	24.7	-	-
2350	20T47 RR	145	19.6	147	25.1	-	-
2350	E50G27R	-	-	-	-	-	-
2350	A4880G3	-	-	-	-	-	-
2350	MZ 1445CBR	-	-	-	-	-	-
2350	MZ 1677R	158	20.6	155	25.7	-	-
2350	HL 3085	-	-	-	-	-	-
2350	HL B22R	-	-	-	-	-	-
2350	N08-GT/CB/LL	-	-	-	-	-	-
2350	N09T-3111	-	-	-	-	-	-
2350	39V05	173	18.9	160	24.2	-	-
2350	EX0152	-	-	-	-	-	-
2350	EX1101	-	-	-	-	-	-
2375	X8756	-	-	-	-	-	-
2380	2771 GT	-	-	-	-	-	-
2400	20T18 RR	153	21.6	151	26.2	159	27.3
2400	X2319	-	-	-	-	-	-
2400	N12R-3000GT	-	-	-	-	-	-
2400	P8107HR	168	20.2	-	-	-	-
2420	2781 RR	-	-	-	-	-	-
2450	MZ 1820R	-	-	-	-	-	-
2450	8105	-	-	-	-	-	-
2450	8098	-	-	-	-	-	-
2525	N16Z-3000GT	-	-	-	-	-	-
2575	DKC33-97	-	-	-	-	-	-
2575	DKC35-43	148	21.8	-	-	-	-
2575	P8581R	-	-	-	-	-	-
2600	N20Y-3000GT	-	-	-	-	-	-
2600	N19G-3000GT	-	-	-	-	-	-
2650	DKC37-41	-	-	-	-	-	-
2650	DKC42-72	176	24.0	-	-	-	-

**REINLAND - GRAIN CORN - 2011 RESULTS**

Planted: May 25, 2011

Harvested: October 6, 2011

CHU	Hybrid	Traits	Distributor	2011 Results	
				Yield (bu/ac)	Moisture (%)
2000	39F44	RR2	Pioneer Hi-Bred	111	21.1
2050	P7213R	RR2	Pioneer Hi-Bred	123	15.3
2075	A4022RR	RR2	PRIDE Seeds	123	20.0
2100	A4023BiRR	BT/RR2	PRIDE Seeds	122	18.8
2100	A4170RR	RR	PRIDE Seeds	133	20.2
2100	P7535R	RR2	Pioneer Hi-Bred	129	16.7
2100	P7443R	RR2	Pioneer Hi-Bred	146	14.6
2100	X0425	-	BrettYoung	134	16.1
2100	LR9074 RR	YGCB/RR	Delmar Commodities	124	19.4
2125	A4176BTRR	BT/RR2	PRIDE Seeds	111	21.7
2125	DKC26-25	-	Monsanto Canada	127	17.9
2125	LR9975 RR	RR2	Delmar Commodities	133	20.1
2150	30A27 RR	RR	BrettYoung	110	19.7
2150	2304RR	RR2	PICKSEED	152	19.0
2150	P7535HR	HX1/LL/RR2	Pioneer Hi-Bred	109	20.1
2175	DKC27-54	RR	Monsanto Canada	158	18.6
2175	39D95	RR2	Pioneer Hi-Bred	144	17.5
2200	A4240RR	RR	PRIDE Seeds	142	18.9
2200	MZ 1261RR	YGCB/RR2	Maizex Seeds Inc.	121	21.3
2200	2219RR	RR2	PICKSEED	131	20.1
2200	SiiEx BTRR	YGCB/RR2	PICKSEED	132	26.4
2200	HL R208	RR	Hyland Seeds	134	18.2
2200	N04F-3000GT	GT/CB/LL/RW	Syngenta Seeds	136	17.4
2200	39B90	RR2	Pioneer Hi-Bred	139	17.0
2200	DKC28-76	-	Monsanto Canada	102	19.9
2200	PP EXP178	RR	Prairie Pacific Seeds	129	22.0
2250	LF 690R	RR2	Maizex Seeds Inc.	118	21.4
2250	HL B18R	YGBT/RR	Hyland Seeds	130	22.8
2250	BAXXOS RR	RR	Hyland Seeds	145	24.6
2250	HL B16R	YGCB/RR	Hyland Seeds	146	23.5
2250	39Z69	HX1/LL/RR2	Pioneer Hi-Bred	132	15.9
2250	39B94	HX1/LL/RR2	Pioneer Hi-Bred	127	18.2
2250	39D97	HX1/LL/RR2	Pioneer Hi-Bred	144	17.1
2250	EX1111	GT	Maizex Seeds Inc.	145	14.0
2300	A4632G3	VT3	PRIDE Seeds	125	21.2
2300	MZ 1440R	RR2	Maizex Seeds Inc.	141	18.0
2300	EX1104	GT	Maizex Seeds Inc.	139	21.3
2300	PP2146	RR	Prairie Pacific Seeds	138	24.5
2325	2411GT/CB/LL	GT/CB/LL	PICKSEED	118	20.9
2325	DKC30-20	RR/YGCB/YGRW	Monsanto Canada	151	16.8
2350	20T47 RR	RR	BrettYoung	136	20.2
2350	E50G27R	RR	BrettYoung	144	22.2
2350	A4880G3	VT3	PRIDE Seeds	138	21.4
2350	MZ 1445CBR	VT3/RR2	Maizex Seeds Inc.	133	18.0
2350	MZ 1677R	RR2	Maizex Seeds Inc.	124	21.0
2350	HL 3085	RR	Hyland Seeds	131	20.3
2350	HL B22R	YGCB/RR	Hyland Seeds	124	22.3
2350	N08-GT/CB/LL	GT/CB/LL	Syngenta Seeds	118	15.1
2350	N09T-3111	BL/GT/CG/LL/RW	Syngenta Seeds	111	23.4
2350	39V05	RR2	Pioneer Hi-Bred	136	14.6
2350	EX0152	-	Maizex Seeds Inc.	132	16.9
2350	EX1101	-	Maizex Seeds Inc.	127	16.0
2375	X8756	RR	BrettYoung	138	22.9
2380	2771 GT	GT	SEEDS 2000	140	21.4
2400	20T18 RR	RR	BrettYoung	131	25.7
2400	X2319	RR	BrettYoung	126	19.1
2400	N12R-3000GT	GT/CB/LL/RW	Syngenta Seeds	119	20.6
2400	P8107HR	HX1/LL/RR2	Pioneer Hi-Bred	132	19.7
2420	2781 RR	RR	SEEDS 2000	132	20.0
2450	MZ 1820R	GT	Maizex Seeds Inc.	110	18.6
2450	8105	SSTX	Hyland Seeds	140	17.8
2450	8098	SSTS	Hyland Seeds	117	26.1
2525	N16Z-3000GT	GT/CB/LL/RW	Syngenta Seeds	121	23.9
2575	DKC33-97	RR/YGCB/YGRW/SSTX	Monsanto Canada	117	20.7
2575	DKC35-43	RR/YGCB/YGRW	Monsanto Canada	125	22.1
2575	P8581R	RR2	Pioneer Hi-Bred	145	25.0
2600	N20Y-3000GT	GT/CB/LL/RW	Syngenta Seeds	126	21.5
2600	N19G-3000GT	GT/CB/LL/RW	Syngenta Seeds	112	22.8
2650	DKC37-41	RR/YGCB/YGRW/SSTX	Monsanto Canada	150	25.1
2650	DKC42-72	RR/YGCB/YGRW	Monsanto Canada	142	23.3
<b>Site Average</b>				130	20.1
<b>CV</b>				7.2	6.2
<b>Sign Diff</b>				Yes	Yes
<b>LSD</b>				15	2.0

**REINLAND - GRAIN CORN - LONG TERM DATA**

CHU	Hybrid	2-Year Average (2010 - 2011)		3-Year Average (2008, 2010-2011)		4-Year Average (2007-2008, 2010-2011)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2000	39F44	-	-	-	-	-	-
2050	P7213R	127	16.0	-	-	-	-
2075	A4022RR	-	-	-	-	-	-
2100	A4023B1RR	-	-	-	-	-	-
2100	A4170RR	146	20.0	152	22.1	-	-
2100	P7535R	134	17.2	-	-	-	-
2100	P7443R	141	15.6	-	-	-	-
2100	X0425	-	-	-	-	-	-
2100	LR9074 RR	133	18.1	-	-	-	-
2125	A4176BTRR	136	20.6	148	22.0	-	-
2125	DKC26-25	-	-	-	-	-	-
2125	LR9975 RR	152	19.3	-	-	-	-
2150	30A27 RR	-	-	-	-	-	-
2150	2304RR	-	-	-	-	-	-
2150	P7535HR	124	18.9	-	-	-	-
2175	DKC27-54	-	-	-	-	-	-
2175	39D95	151	17.5	153	19.2	161	19.9
2200	A4240RR	154	18.8	-	-	-	-
2200	MZ 1261RR	126	20.0	132	21.8	-	-
2200	2219RR	155	19.6	-	-	-	-
2200	SiEx BTRR	153	23.6	-	-	-	-
2200	HL R208	138	19.2	140	20.4	143	20.8
2200	N04F-3000GT	-	-	-	-	-	-
2200	39B90	-	-	-	-	-	-
2200	DKC28-76	-	-	-	-	-	-
2200	PP EXP 178	-	-	-	-	-	-
2250	LF 690R	-	-	-	-	-	-
2250	HL B18R	140	21.7	146	22.4	-	-
2250	BAXXOS RR	157	23.4	159	24.2	165	24.4
2250	HL B16R	163	23.4	162	24.6	168	25.0
2250	39Z69	140	16.9	148	18.7	-	-
2250	39B94	137	18.2	142	19.9	-	-
2250	39D97	151	17.5	152	19.2	-	-
2250	EX1111	-	-	-	-	-	-
2300	A4632G3	140	20.5	-	-	-	-
2300	MZ 1440R	-	-	-	-	-	-
2300	EX1104	-	-	-	-	-	-
2300	PP2146	-	-	-	-	-	-
2325	2411GT/CB/LL	-	-	-	-	-	-
2325	DKC30-20	154	17.7	-	-	-	-
2350	20T47 RR	153	19.1	-	-	-	-
2350	E50G27R	-	-	-	-	-	-
2350	A4880G3	-	-	-	-	-	-
2350	MZ 1445CBR	-	-	-	-	-	-
2350	MZ 1677R	148	20.6	-	-	-	-
2350	HL 3085	-	-	-	-	-	-
2350	HL B22R	-	-	-	-	-	-
2350	N08-GT/CB/LL	-	-	-	-	-	-
2350	N09T-3111	-	-	-	-	-	-
2350	39V05	153	15.1	-	-	-	-
2350	EX0152	-	-	-	-	-	-
2350	EX1101	-	-	-	-	-	-
2375	X8756	-	-	-	-	-	-
2380	2771 GT	-	-	-	-	-	-
2400	20T18 RR	158	23.7	159	24.6	-	-
2400	X2319	-	-	-	-	-	-
2400	N12R-3000GT	-	-	-	-	-	-
2400	P8107HR	140	19.2	-	-	-	-
2420	2781 RR	-	-	-	-	-	-
2450	MZ 1820R	-	-	-	-	-	-
2450	8105	-	-	-	-	-	-
2450	8098	-	-	-	-	-	-
2525	N16Z-3000GT	-	-	-	-	-	-
2575	DKC33-97	-	-	-	-	-	-
2575	DKC35-43	151	21.3	-	-	-	-
2575	P8581R	-	-	-	-	-	-
2600	N20Y-3000GT	-	-	-	-	-	-
2600	N19G-3000GT	-	-	-	-	-	-
2650	DKC37-41	-	-	-	-	-	-
2650	DKC42-72	162	23.5	-	-	-	-

# ST.PIERRE - GRAIN CORN - 2011 RESULTS

Planted: May 20, 2011

Harvested: October 15, 2011

CHU	Hybrid	Traits	Distributor	2011 Results			
				Yield (bu/ac)	Moisture (%)	Density (lbs/bu)	Silk 50%
2000	39F44	RR2	Pioneer Hi-Bred	80	16.2	59.8	63
2050	P7213R	RR2	Pioneer Hi-Bred	118	15.7	59.4	67
2075	A4022RR	RR2	PRIDE Seeds	122	17.1	55.8	73
2100	A4023BtRR	BT/RR2	PRIDE Seeds	126	16.1	56.0	74
2100	A4170RR	RR	PRIDE Seeds	139	16.7	56.5	71
2100	P7535R	RR2	Pioneer Hi-Bred	120	17.1	57.2	72
2100	P7443R	RR2	Pioneer Hi-Bred	132	15.5	58.1	72
2100	LR9074 RR	YGCB/RR	Delmar Commodities	121	16.7	57.0	74
2125	A4176BTRR	BT/RR2	PRIDE Seeds	134	17.2	55.7	72
2125	LR9975 RR	RR2	Delmar Commodities	121	17.0	54.8	75
2125	LR9780 RR	RR2	Delmar Commodities	127	16.9	52.7	76
2150	30A27 RR	RR	BrettYoung	128	16.7	59.1	69
2150	2304RR	RR2	PICKSEED	119	17.2	55.9	72
2150	P7535HR	HX1/LL/RR2	Pioneer Hi-Bred	132	17.1	57.5	69
2175	DKC27-54	RR	Monsanto Canada	132	17.7	58.2	73
2175	39D95	RR2	Pioneer Hi-Bred	133	15.5	57.9	74
2200	A4240RR	RR	PRIDE Seeds	133	16.8	57.4	72
2200	MZ 1261RR	YGCB/RR2	Maizex Seeds Inc.	148	16.4	58.3	67
2200	2219RR	RR2	PICKSEED	117	16.8	54.6	75
2200	SiEx BTRR	YGCB/RR2	PICKSEED	151	18.0	55.9	72
2200	HL R208	RR	Hyland Seeds	102	15.6	58.3	71
2200	N04F-3000GT	GT/CB/LL/RW	Syngenta Seeds	116	15.8	57.9	73
2200	39B90	RR2	Pioneer Hi-Bred	116	15.6	58.2	70
2200	PP EXP178	RR	Prairie Pacific Seeds	132	16.6	54.2	76
2250	LF 690R	RR2	Maizex Seeds Inc.	129	16.5	56.3	72
2250	HL B18R	YGBT/RR	Hyland Seeds	112	16.7	58.3	71
2250	BAXXOS RR	RR	Hyland Seeds	125	18.1	57.3	71
2250	HL B16R	YGCB/RR	Hyland Seeds	117	17.7	58.4	71
2250	39Z69	HX1/LL/RR2	Pioneer Hi-Bred	128	17.0	58.3	73
2250	39B94	HX1/LL/RR2	Pioneer Hi-Bred	123	15.2	59.5	73
2250	39D97	HX1/LL/RR2	Pioneer Hi-Bred	122	16.2	57.1	74
2300	A4632G3	VT3	PRIDE Seeds	121	17.8	56.5	75
2300	MZ 1440R	RR2	Maizex Seeds Inc.	122	16.9	58.8	72
2300	PP2146	RR	Prairie Pacific Seeds	142	17.3	56.0	69
2325	2411GT/CB/LL	GT/CB/LL	PICKSEED	107	17.0	55.5	76
2325	DKC30-20	RR/YGCB/YGRW	Monsanto Canada	136	16.3	56.8	74
2350	20T47 RR	RR	BrettYoung	113	17.8	55.3	74
2350	E50G27R	RR	BrettYoung	147	17.2	54.2	75
2350	A4880G3	VT3	PRIDE Seeds	140	16.3	53.6	76
2350	MZ 1445CBB	VT3/RR2	Maizex Seeds Inc.	119	17.3	57.5	73
2350	MZ 1677R	RR2	Maizex Seeds Inc.	116	16.6	56.9	72
2350	HL 3085	RR	Hyland Seeds	130	16.8	57.2	74
2350	HL B22R	YGCB/RR	Hyland Seeds	116	16.9	55.4	75
2350	N08-GT/CB/LL	GT/CB/LL	Syngenta Seeds	124	15.6	54.7	76
2350	N09T-3111	BL/GT/CG/LL/RW	Syngenta Seeds	120	17.8	55.6	76
2350	39V05	RR2	Pioneer Hi-Bred	132	15.8	57.5	73
2375	X8756	RR	BrettYoung	134	18.0	54.9	73
2380	2771 GT	GT	SEEDS 2000	126	16.5	54.4	73
2400	20T18 RR	RR	BrettYoung	136	17.6	55.7	71
2400	X2319	RR	BrettYoung	139	16.8	54.8	76
2400	N12R-3000GT	GT/CB/LL/RW	Syngenta Seeds	120	17.6	54.2	76
2400	P8107HR	HX1/LL/RR2	Pioneer Hi-Bred	143	16.9	55.1	71
2420	2781 RR	RR	SEEDS 2000	117	17.1	56.5	73
2450	MZ 1820R	GT	Maizex Seeds Inc.	119	16.7	55.5	76
2450	8105	SSTX	Hyland Seeds	131	15.5	57.0	76
2450	8098	SSTS	Hyland Seeds	124	17.6	54.1	79
2525	N16Z-3000GT	GT/CB/LL/RW	Syngenta Seeds	144	17.4	54.0	75
2575	DKC33-97	RR/YGCB/YGRW/SSTX	Monsanto Canada	114	15.9	56.0	77
2575	DKC35-43	RR/YGCB/YGRW	Monsanto Canada	135	16.9	55.8	78
2600	N20Y-3000GT	GT/CB/LL/RW	Syngenta Seeds	133	17.3	53.0	76
2600	N19G-3000GT	GT/CB/LL/RW	Syngenta Seeds	148	18.8	53.2	78
2650	DKC37-41	RR/YGCB/YGRW/SSTX	Monsanto Canada	130	18.5	53.4	77
2650	DKC42-72	RR/YGCB/YGRW	Monsanto Canada	130	19.2	52.7	77
<b>Site Average</b>				126	16.9	56.3	73
<b>CV</b>				8.3	4.2	2.2	3.2
<b>Sign Diff</b>				Yes	Yes	Yes	Yes
<b>LSD</b>				17	1.1	2.0	4

**ST.PIERRE - GRAIN CORN - LONG TERM DATA**

CHU	Hybrid	2-Year Average (2010 - 2011)		3-Year Average (2008, 2010-2011)		4-Year Average (2007-2008, 2010-2011)	
		Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2000	39F44	-	-	-	-	-	-
2050	P7213R	119	15.7	-	-	-	-
2075	A4022RR	-	-	-	-	-	-
2100	A4023BiRR	-	-	-	-	-	-
2100	A4170RR	140	17.2	146	23.2	-	-
2100	P7535R	132	16.3	-	-	-	-
2100	P7443R	123	14.2	-	-	-	-
2100	LR9074 RR	124	15.8	-	-	-	-
2125	A4176BTRR	138	17.7	147	23.2	-	-
2125	LR9975 RR	140	16.7	-	-	-	-
2125	LR9780 RR	-	-	-	-	-	-
2150	30A27 RR	-	-	-	-	-	-
2150	2304RR	-	-	-	-	-	-
2150	P7535HR	138	16.3	-	-	-	-
2175	DKC27-54	-	-	-	-	-	-
2175	39D95	136	14.7	143	20.5	150	21.2
2200	A4240RR	147	16.6	-	-	-	-
2200	MZ 1261RR	149	17.0	-	-	-	-
2200	2219RR	131	16.3	-	-	-	-
2200	SiIEx BTRR	142	17.6	-	-	-	-
2200	HL R208	112	16.1	127	21.5	135	22.1
2200	N04F-3000GT	-	-	-	-	-	-
2200	39B90	-	-	-	-	-	-
2200	PP EXP178	-	-	-	-	-	-
2250	LF 690R	-	-	-	-	-	-
2250	HL B18R	127	17.7	131	23.0	-	-
2250	BAXXOS RR	131	18.0	139	24.2	134	24.8
2250	HL B16R	128	18.3	137	23.7	132	24.7
2250	39Z69	131	15.8	137	21.9	-	-
2250	39B94	127	14.8	140	20.4	-	-
2250	39D97	129	15.1	135	21.4	140	22.3
2300	A4632G3	133	16.4	-	-	-	-
2300	MZ 1440R	-	-	-	-	-	-
2300	PP2146	-	-	-	-	-	-
2325	2411GT/CB/LL	-	-	-	-	-	-
2325	DKC30-20	138	15.6	-	-	-	-
2350	20T47 RR	136	16.9	-	-	-	-
2350	E50G27R	-	-	-	-	-	-
2350	A4880G3	-	-	-	-	-	-
2350	MZ 1445CBR	-	-	-	-	-	-
2350	MZ 1677R	-	-	-	-	-	-
2350	HL 3085	-	-	-	-	-	-
2350	HL B22R	-	-	-	-	-	-
2350	N08-GT/CB/LL	-	-	-	-	-	-
2350	N09T-3111	-	-	-	-	-	-
2350	39V05	125	14.7	-	-	-	-
2375	X8756	-	-	-	-	-	-
2380	2771 GT	-	-	-	-	-	-
2400	20T18 RR	142	18.1	146	23.6	152	24.6
2400	X2319	-	-	-	-	-	-
2400	N12R-3000GT	-	-	-	-	-	-
2400	P8107HR	150	16.5	-	-	-	-
2420	2781 RR	-	-	-	-	-	-
2450	MZ 1820R	-	-	-	-	-	-
2450	8105	-	-	-	-	-	-
2450	8098	-	-	-	-	-	-
2525	N16Z-3000GT	-	-	-	-	-	-
2575	DKC33-97	-	-	-	-	-	-
2575	DKC35-43	148	16.2	-	-	-	-
2600	N20Y-3000GT	-	-	-	-	-	-
2600	N19G-3000GT	-	-	-	-	-	-
2650	DKC37-41	-	-	-	-	-	-
2650	DKC42-72	142	20.2	-	-	-	-

## COMPANY CONTACTS & BRANDS - 2011

### **BrettYoung**

#### **Brand: Elite**

Rene Mabon  
Email: rene.mabon@brettyoung.ca  
Ph: 1-204-261-7932  
Website: www.brettyoung.ca

### **Delmar Commodities Ltd.**

#### **Brand: Legend Seeds**

Steve Friesen  
Email: steve@delmarcommodities.com  
Ph: 1-204-331-3696  
Website: www.delmarcommodities.com

### **Hyland Seeds**

#### **Brand: Hyland**

Les Carriere  
Email: lcarriere@hylandseeds.com  
Ph: 1-204-745-7656  
Website: www.hylandseeds.com

### **Maizex Seeds Inc.**

#### **Brand: Maizex**

Shawn Winter  
Email: shawn@maizex.com  
Ph: 1-877-682-1720  
Website: www.maizex.com

### **Monsanto Canada Inc.**

#### **Brand: DEKALB**

Bruce Murray  
Email: bruce.g.murray@monsanto.com  
Ph: 1-800-667-4944  
Website: www.monsanto.ca

### **Pickseed Canada Inc.**

#### **Brand: Pickseed**

Matt Anderson  
Email: manderson@pickseed.com  
Ph: 1-800-661-4769  
Website: www.pickseed.com

### **Pioneer Hi-Bred Ltd.**

#### **Brand: Pioneer**

Bob McFadden  
Email: bob.mcfadden@pioneer.com  
Ph: 1-204-745-6024  
Website: www.pioneer.com/canada

### **Prairie Pacific Seeds Ltd.**

#### **Brand: Prairie Pacific Seeds**

Alexis Arthur  
Email: alexis@prairiepacificseeds.com  
Ph: 1-604-319-0376  
Website: <http://prairiepacificseeds.com/home>

### **PRIDE Seeds**

Jon Klapwyk  
Email: jklapwyk@prideseed.com  
Ph: 1-519-829-8486  
Website: www.prideseed.com

### **SEEDS 2000**

Fred Parnow  
Email: fparnow@seeds2000.net  
Ph: 1-218-281-5322  
Website: www.seeds2000.net

### **Syngenta Seeds Canada Inc.**

#### **Brand: NK Brand**

Nick Cowan  
Email: nick.cowan@syngenta.com  
Ph: 1-519-461-2054  
Website: www.nkcanada.com