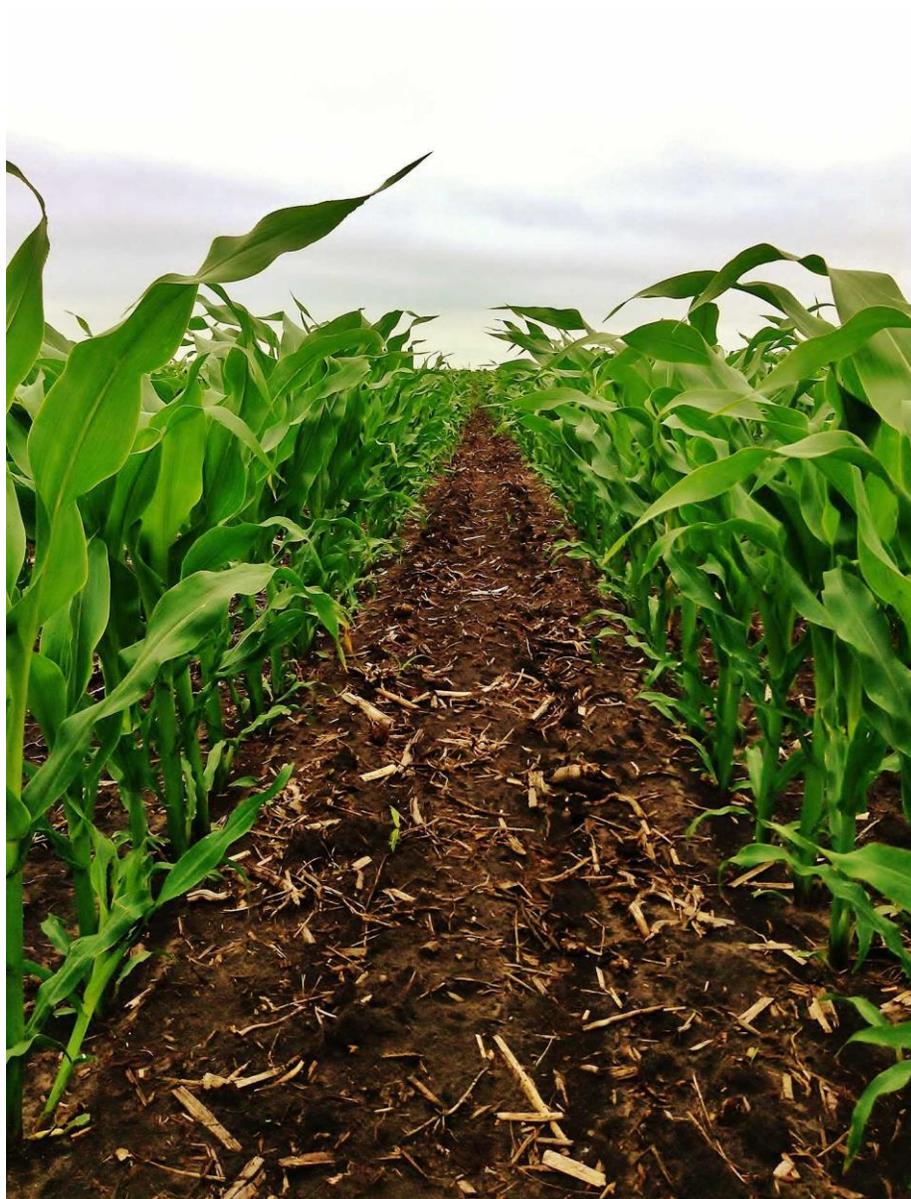


2014 Manitoba Corn Hybrid Performance Trials



Conducted by the Manitoba Corn Committee

Welcome to the 2014 MCC Brochure

Welcome to the 2014 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 2014 season got off to another slow start in Manitoba. There was some corn planting being done around May 2nd and 3rd, but that was very minimal and most of the corn acres did not get planted until two to three weeks afterwards

The provincial weather wasn't only diverse in May, though. June and July brought some incredible rain and wind events, which really affected the outcome of the crops in those areas, while other areas missed much of the precipitation that was well-needed. Despite the patchy weather and the struggles of the 2014 growing season, there was some grain corn harvest in late September, but most began in the first week or two of October. At the time of our first major snowfall in Carman, we can venture a guess that there is very little, if any corn left in the field in Southern Manitoba. The further north of the Trans-Canada, the more standing corn there will be at this point.

Grain corn acres dropped back down to approximately 275,000 this year, which is a reflection of both spring conditions and corn prices being unfavourable. Silage corn acres also declined this year, as recorded by MASC, which may be a reflection of planting conditions or other environmental factors. Despite the drop in acres, bushel weights were good and overall yield averages were higher than expected.

In 2013, the MCC had added new sites to the grain acre trials, and also got back into silage after a 3 year hiatus. This year we made some more changes, omitting the Wawanesa and Oakville sites for the time being, and also adding a grain corn site in Arborg. Unfortunately, due to weather, pest and planting issues, we ended up with four grain corn sites (Morden, Carman, MacGregor and Warren/Stonewall) and one silage corn site (Elm Creek). When viewing the current data, it is important to note there is only one year of data for each site, so use with caution.

We would like to thank our contractors for 2014 – AgQuest Inc., DuPont Pioneer, PESAI, and WADO – for all of their hard work. I would also like to thank the land owners for providing the locations of each MCC site.

I would also like to thank Mike Wroblewski of MAFRD for providing the Corn Heat Unit and Precipitation maps found on the following pages. For more detailed weather information for the MCC sites or your own local area, please visit MAFRD's Manitoba Ag-Weather Program website at <http://tgs.gov.mb.ca/climate/>.

Please read the "Important Notes" section on the following page. It provides table 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.

Morgan Cott
Chair - Manitoba Corn Committee
204.750.2489

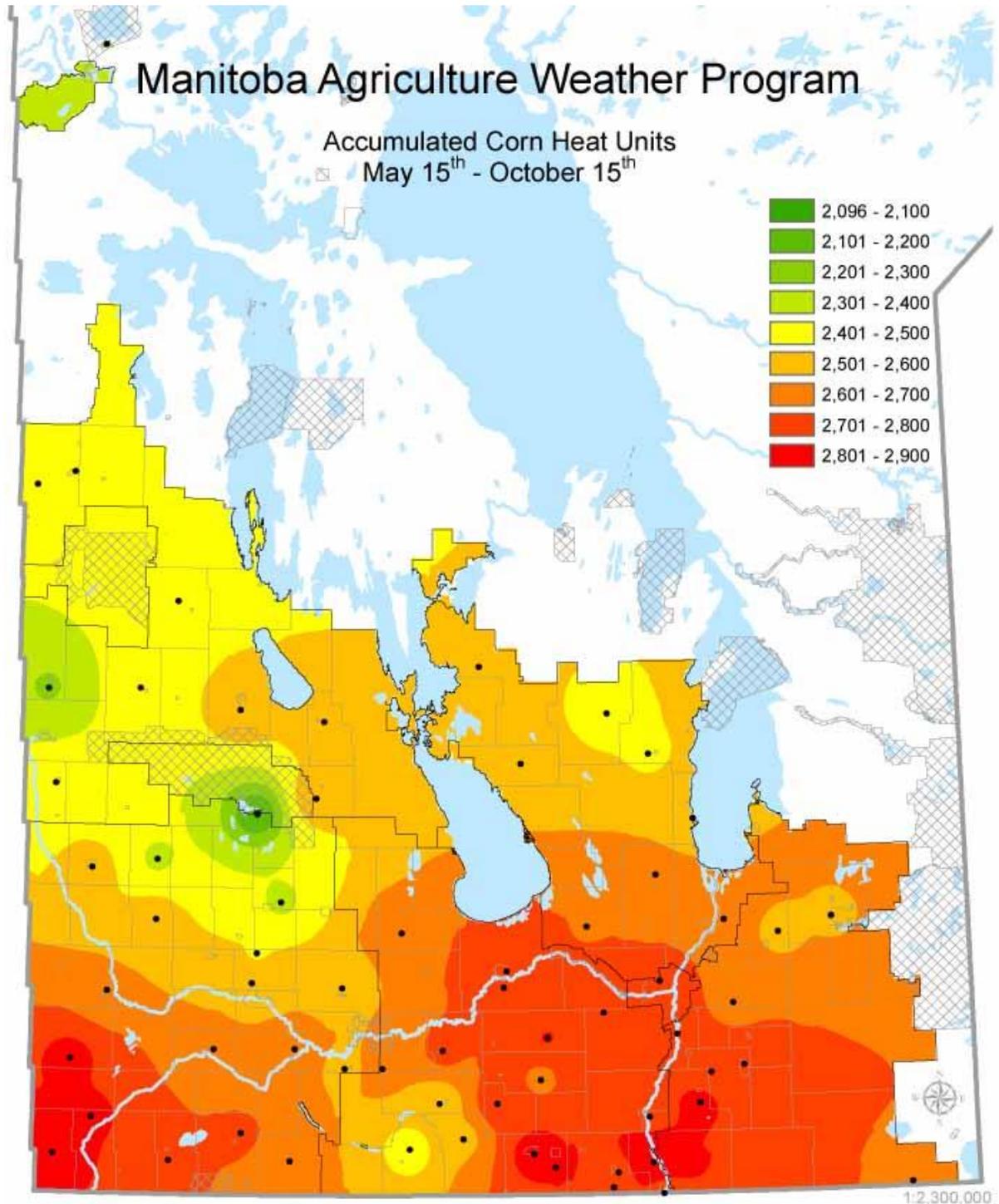
Note: Using Manitoba Corn Committee Results

The MCC realizes companies/retailers often use the results from the MCC hybrid performance trials for their marketing and promotional programs. The tables within the brochure are to be used in their entirety to ensure fairness when comparing varieties. When using MCC's data, please reference the "2014 Manitoba Corn Hybrid Performance Trials" brochure and indicate the complete brochure can be obtained from either Morgan Cott 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 & 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; RIB – refuge in a bag.
- Grain yields are corrected to 15.5% moisture contents.
- Moisture content is measured at harvest.
- Blanks (-) indicate no data is available for the particular hybrid and/or year.
- CP, TDN, ADF, and NDF 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.
- 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.

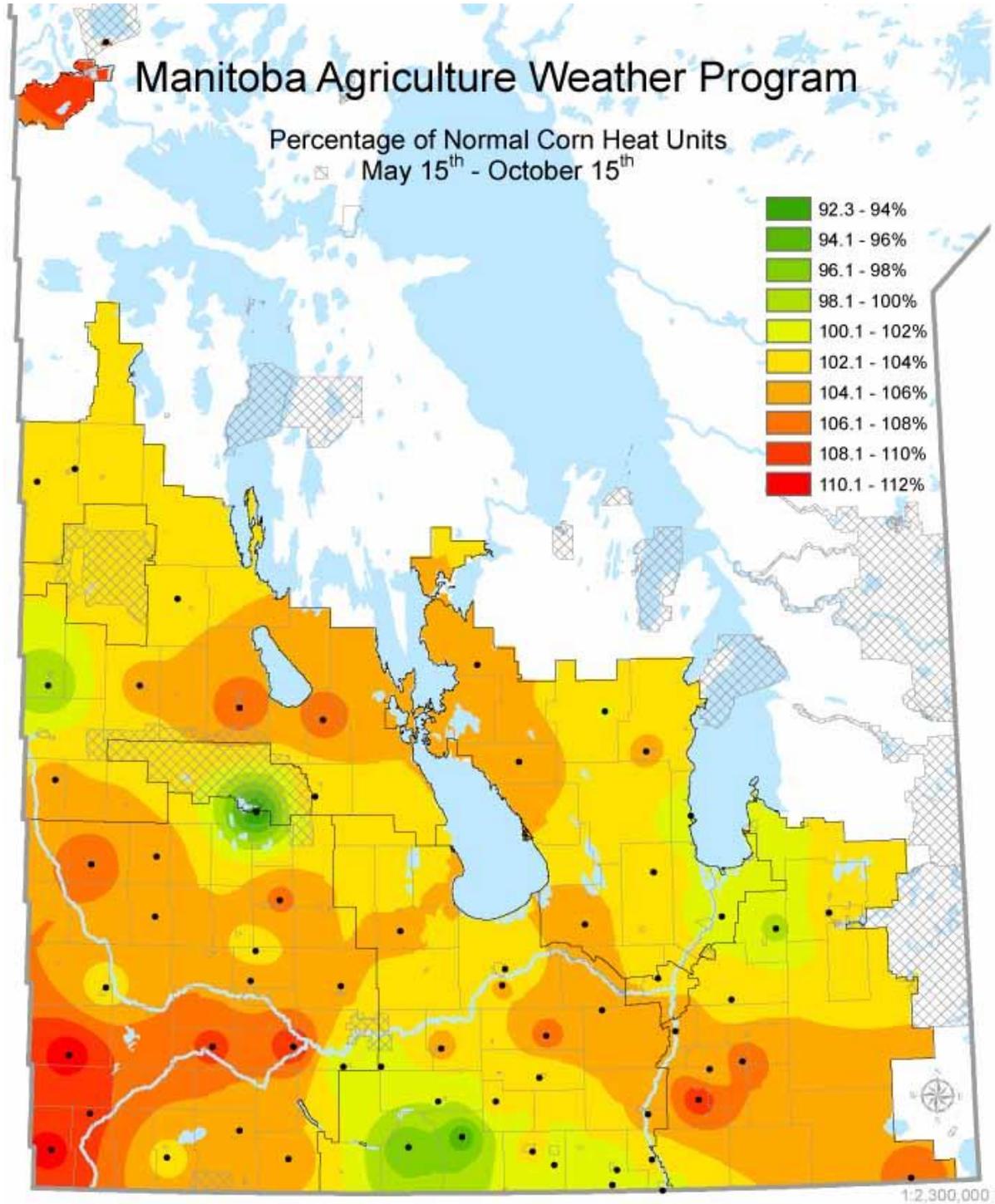
CORN HEAT UNIT DATA FOR 2014



This graphic is interpolated from data collected from the Manitoba Agriculture Food and Rural Development (MAFRD) Ag-Weather Program and Environment Canada weather stations that has been quality controlled for accuracy. Locations may be removed or added throughout the growing season. The MAFRD Ag-Weather program is funded through the "Growing Forward 2" initiative. For more information contact Mike.Wroblewski@gov.mb.ca

Date: 2014.11.19

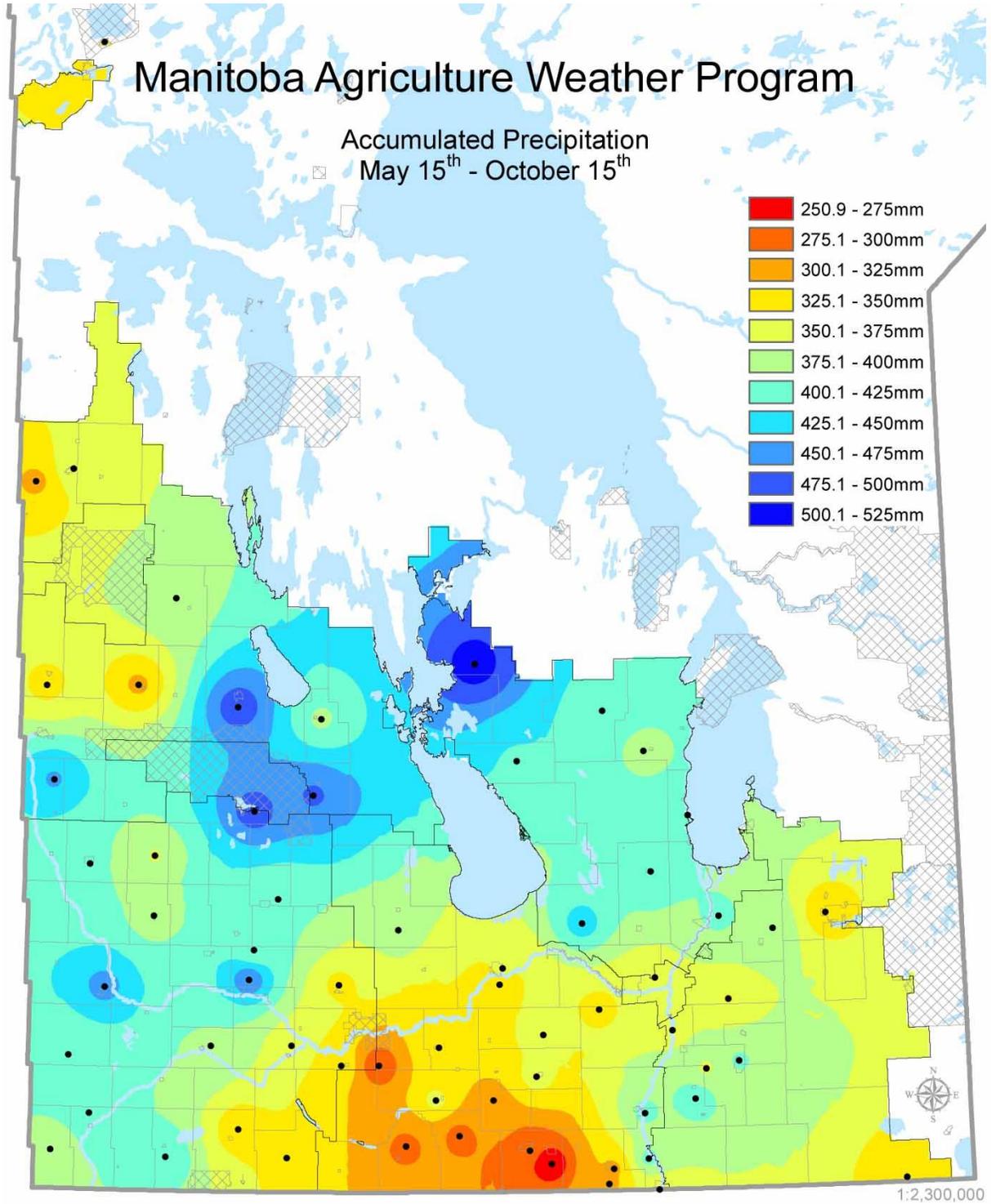
CORN HEAT UNIT DATA FOR 2014 CONT'D



This graphic is interpolated from data collected from the Manitoba Agriculture Food and Rural Development (MAFRD) Ag-Weather Program and Environment Canada weather stations that has been quality controlled for accuracy. Locations may be removed or added throughout the growing season. The MAFRD Ag-Weather program is funded through the "Growing Forward 2" initiative. For more information contact Mike.Wroblewski@gov.mb.ca

Date: 2014.11.19

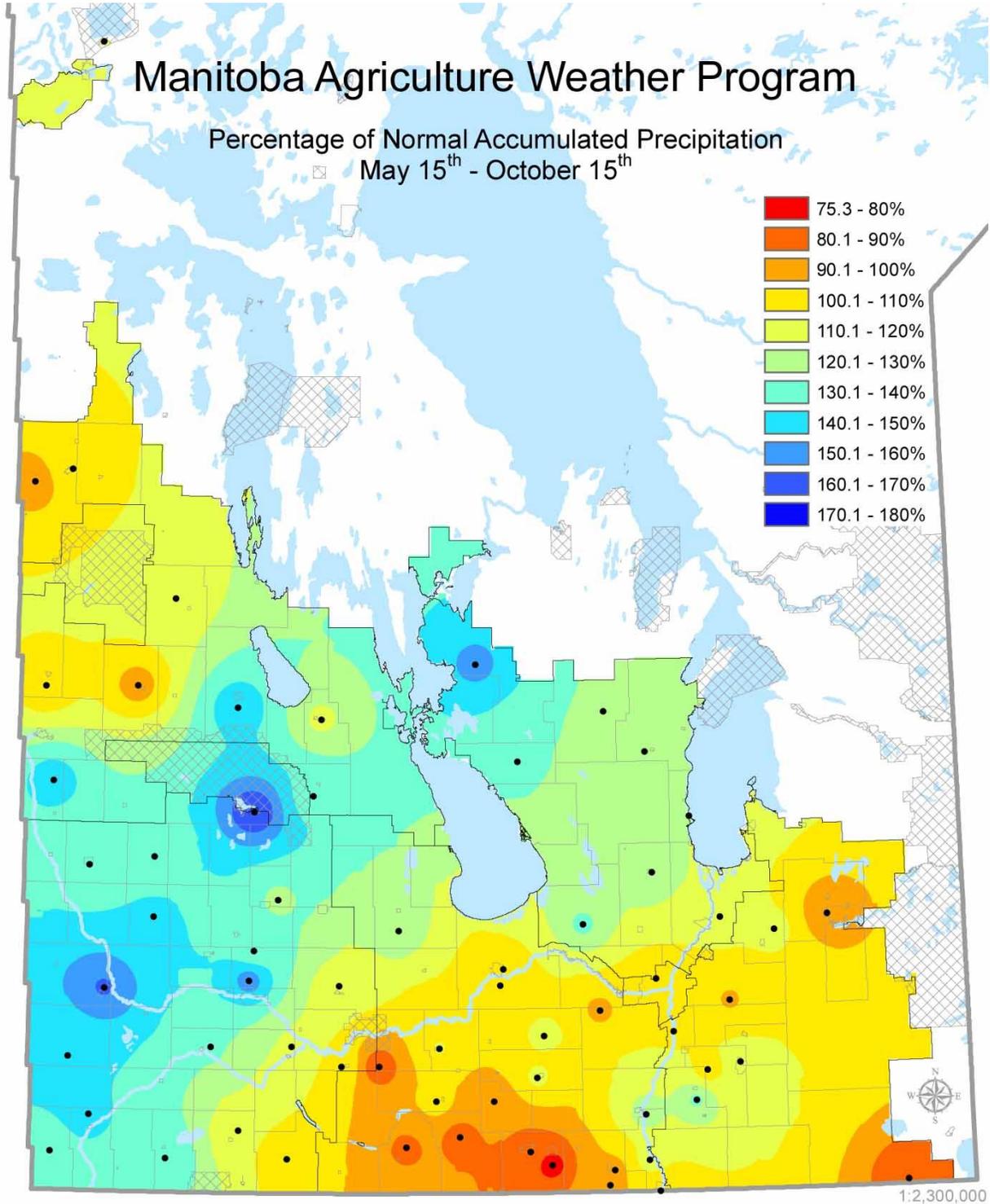
PRECIPITATION DATA FOR 2014



This graphic is interpolated from data collected from the Manitoba Agriculture Food and Rural Development (MAFRD) Ag-Weather Program and Environment Canada weather stations that has been quality controlled for accuracy. Locations may be removed or added throughout the growing season. The MAFRD Ag-Weather program is funded through the "Growing Forward 2" initiative. For more information contact Mike.Wroblewski@gov.mb.ca

Date: 2014-11-19

PRECIPITATION DATA FOR 2014 CONT'D



This graphic is interpolated from data collected from the Manitoba Agriculture Food and Rural Development (MAFRD) Ag-Weather Program and Environment Canada weather stations that has been quality controlled for accuracy. Locations may be removed or added throughout the growing season. The MAFRD Ag-Weather program is funded through the "Growing Forward 2" initiative. For more information contact Mike.Wroblewski@gov.mb.ca

Date: 2014-11-19

Morden - Grain Corn Results 2014

Comments:

All grain corn hybrids are evaluated at a plant population of 30,000 plants per acre.

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, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

CHU	Hybrid	Traits	Distributor	Morden			
				Moisture (%)	Bushei Weight (lbs/bu)	Days To Silking	Yield (bu/ac)
2050	LR 9573VT2PRIB	VT2PRIB	Legend Seeds	27.2	54.6	72	126
2050	P7213R	RR2	Pioneer	18.1	49.6	67	65
2050	P7332R	RR2	Pioneer	19.6	50.9	72	112
2075	TH 7574	GENVT2PRIB	Thunder Seed Inc.	24.2	55.3	73	120
2100	G Focus	GT	Greenfield Genetics	21.1	49.6	74	99
2100	PS 2263VT2P RIB	GENVT2PRIB	PICKSEED	17.6	52.7	70	110
2100	P7410HR	HX1/LL/RR2	Pioneer	17.6	46.5	71	98
2100	P7443R	RR2	Pioneer	19.9	51.3	74	96
2125	LR 9474VT2PRIB	VT2PRIB	Legend Seeds	29.7	51.2	74	145
2125	LR 9574GT	GT	Legend Seeds	23.9	51.8	74	119
2125	DKC 26-25	RR	DEKALB	20.0	52.9	72	92
2150	E44A02 R	VT2PRIB	BrettYoung	23.2	53.1	71	109
2150	MZ 1244R	RR2	Maizex Seeds	28.6	52.5	73	115
2150	MZ 1610R	RR2	Maizex Seeds	21.2	53.4	76	113
2150	DKC 26-28	VT2PRIB	DEKALB	18.7	53.6	72	97
2150	N04F-3110	CB/GT	Syngenta	21.0	54.4	75	113
2175	LR 9975RR	RR	Legend Seeds	21.2	52.8	72	130
2175	G Magnum	3110	Greenfield Genetics	23.2	63.0	72	117
2175	G 13D	3110	Greenfield Genetics	18.7	52.8	74	110
2175	TH 7677	GENVT2PRIB	Thunder Seed Inc.	29.1	50.9	76	112
2175	39D95	RR2	Pioneer	20.7	51.6	72	123
2200	LR 9376RR	RR	Legend Seeds	28.5	50.5	76	137
2200	G Target	GT	Greenfield Genetics	26.6	51.2	76	149
2200	MZ 1624DBR	GENVT2PRIB	Maizex Seeds	24.5	53.1	73	141
2200	MZ 1633DBR	GENVT2PRIB	Maizex Seeds	26.4	52.6	73	144
2200	DKC 27-55	VT2PRIB	DEKALB	19.8	57.0	69	118
2200	SG0822	GT/CB/LL	Syngenta	22.5	56.5	74	118
2200	TH7578	GENVT2PRIB	Thunder Seed Inc.	31.3	50.6	77	112
2225	E47A12 R	VT2PRIB	BrettYoung	30.1	61.2	75	124
2225	39Z69	HX1/LL/RR2	Pioneer	19.5	53.5	73	102
2225	P7632AM	YGCB/HX1/LL/RR2	Pioneer	20.7	50.5	74	133
2250	E48A29 R	VT3PRIB	BrettYoung	21.4	52.0	76	105
2250	3075	RR	Hyland	25.1	51.7	74	111
2250	3085	RR	Hyland	22.8	52.4	74	132
2250	MZ 1710DBR	GENVT2PRIB	Maizex Seeds	29.8	52.2	75	140
2250	PS 2305VT3P RIB	GENVT3PRIB	PICKSEED	21.3	53.2	73	98
2250	PS SiiEx VT3P RIB	GENVT3PRIB	PICKSEED	26.9	54.4	73	138
2250	39D97	HX1/LL/RR2	Pioneer	24.5	51.2	74	106
2250	39V05	RR2	Pioneer	18.1	52.2	74	108
2250	N07H	GT/CB/LL	Syngenta	20.5	51.7	78	132
2275	G Caliber	GT	Greenfield Genetics	28.4	50.5	76	139
2275	BAXXOS RR	RR	Hyland	28.3	53.9	71	123
2275	PS 2348VT2P RIB	GENVT2PRIB	PICKSEED	26.4	52.4	75	112
2275	P7958AM	YGCB/HX1/LL/RR2	Pioneer	23.6	51.7	73	141
2300	E53B22 R	VT2PRIB	BrettYoung	29.5	52.1	75	139
2300	E49A12 R	VT2PRIB	BrettYoung	28.6	52.4	75	125
2300	G 14T	3000GT	Greenfield Genetics	31.4	55.6	77	144
2300	3093	RR	Hyland	21.2	54.1	74	126
2300	4093	HXX/LL/RR	Hyland	27.5	58.7	74	140
2300	39V07	HX1/LL/RR2	Pioneer	20.7	50.6	75	100
2300	A4631G2 RIB	VT2PRIB	PRIDE Seeds	25.6	52.3	74	117
2300	N09V	GT/CB/LL	Syngenta	22.2	53.8	76	137
2325	DKC 30-07	VT2PRIB	DEKALB	28.5	51.3	76	137
2350	A4881G2 RIB	VT2PRIB	PRIDE Seeds	22.9	53.1	72	134
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	24.5	51.9	75	138
2375	XP5095	VT2PRIB	PRIDE Seeds	31.9	52.3	74	148
2400	8105	SmartStax	Hyland	33.1	52.1	79	139
2400	DKC 31-10	VT2PRIB	DEKALB	27.6	50.2	76	119
2400	A5151G2 RIB	VT2PRIB	PRIDE Seeds	25.1	51.8	74	154
2425	P8210R	RR2	Pioneer	22.3	50.6	74	137
2475	P8210HR	HX1/LL/RR2	Pioneer	23.5	50.9	73	131
2500	4164	Agrisure3122	Hyland	32.3	50.2	78	143
2525	8166	SmartStax	Hyland	33.0	51.4	78	158
2550	P8651HR	HX1/LL/RR2	Pioneer	29.4	51.3	74	157
2550	P8673AM	YGCB/HX1/LL/RR2	Pioneer	31.8	49.5	78	149
2575	P8581R	RR2	Pioneer	31.5	49.3	77	146
2600	P8622AM	YGCB/HX1/LL/RR2	Pioneer	27.7	48.6	77	95
Site Average				24.8	52.5	74	124
CV%				9.3	6.8	2.1	10.9
Sign Diff				YES	YES	YES	YES
LSD (0.05)				3.7	5.7	3	22
Planting Date				May 17, 2014			
Harvest Date				October 13, 2014			

Carman - Grain Corn Results 2014

Comments:

All grain corn hybrids are evaluated at a plant population of 30,000 plants per acre. 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, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

CHU1	Hybrid	Traits2	Seed Company	Carman			
				Moisture (%)	Bushel Weight (lbs/bu)	Days To Silking	Yield (bu/ac)
2050	LR 9573VT2PRIB	VT2PRIB	Legend Seeds	27.1	52.5	65	216
2050	P7213R	RR2	Pioneer	23.0	54.2	65	156
2050	P7332R	RR2	Pioneer	25.8	51.7	65	190
2075	TH 7574	GENVT2PRIB	Thunder Seed Inc.	25.9	53.0	65	201
2100	G Focus	GT	Greenfield Genetics	24.1	52.1	68	167
2100	PS 2263VT2P RIB	GENVT2PRIB	PICKSEED	25.5	51.7	65	197
2100	P7410HR	HX1/LL/RR2	Pioneer	24.0	51.2	65	186
2100	P7443R	RR2	Pioneer	24.1	54.0	68	168
2125	LR 9474VT2PRIB	VT2PRIB	Legend Seeds	27.1	50.6	69	211
2125	LR 9574GT	GT	Legend Seeds	26.0	51.2	70	178
2125	DKC 26-25	RR	DEKALB	23.0	53.6	63	159
2150	E44A02 R	VT2PRIB	BrettYoung	24.4	52.7	68	211
2150	MZ 1244R	RR2	Maizex Seeds	26.6	52.8	62	205
2150	MZ 1610R	RR2	Maizex Seeds	25.6	52.7	69	170
2150	DKC 26-28	VT2PRIB	DEKALB	24.4	52.3	65	210
2150	N04F-3110	CB/GT	Syngenta	25.3	53.4	69	174
2175	LR 9975RR	RR	Legend Seeds	22.7	52.2	64	225
2175	G Magnum	3110	Greenfield Genetics	24.7	55.0	63	172
2175	G 13D	3110	Greenfield Genetics	24.2	52.3	69	168
2175	TH 7677	GENVT2PRIB	Thunder Seed Inc.	24.9	53.1	71	221
2175	39D95	RR2	Pioneer	23.9	54.0	63	190
2200	LR 9376RR	RR	Legend Seeds	25.9	51.5	70	193
2200	G Target	GT	Greenfield Genetics	26.1	50.1	71	208
2200	MZ 1624DBR	GENVT2PRIB	Maizex Seeds	27.1	52.0	69	233
2200	MZ 1633DBR	GENVT2PRIB	Maizex Seeds	25.7	52.9	67	212
2200	DKC 27-55	VT2PRIB	DEKALB	26.1	53.9	64	179
2200	SG0822	GT/CB/LL	Syngenta	24.9	52.2	64	182
2200	TH7578	GENVT2PRIB	Thunder Seed Inc.	24.4	52.5	69	217
2225	E47A12 R	VT2PRIB	BrettYoung	25.9	52.4	68	211
2225	39Z69	HX1/LL/RR2	Pioneer	23.3	53.2	69	154
2225	P7632AM	YGCB/HX1/LL/RR2	Pioneer	24.0	51.7	63	200
2250	E48A29 R	VT3PRIB	BrettYoung	26.1	51.4	70	222
2250	3075	RR	Hyland	25.3	52.4	68	173
2250	3085	RR	Hyland	23.9	53.4	65	214
2250	MZ 1710DBR	GENVT2PRIB	Maizex Seeds	25.8	52.3	70	214
2250	PS 2305VT3P RIB	GENVT3PRIB	PICKSEED	24.6	52.0	68	190
2250	PS SiiEx VT3P RIB	GENVT3PRIB	PICKSEED	26.8	55.2	68	196
2250	39D97	HX1/LL/RR2	Pioneer	24.2	52.8	64	190
2250	39V05	RR2	Pioneer	23.1	53.6	65	188
2250	N07H	GT/CB/LL	Syngenta	23.0	52.8	71	208
2275	G Caliber	GT	Greenfield Genetics	28.3	49.2	71	194
2275	BAXXOS RR	RR	Hyland	26.2	53.9	63	200
2275	PS 2348VT2P RIB	GENVT2PRIB	PICKSEED	26.0	51.4	70	208
2275	P7958AM	YGCB/HX1/LL/RR2	Pioneer	25.9	50.6	66	238
2300	E53B22 R	VT2PRIB	BrettYoung	26.0	52.4	67	230
2300	E49A12 R	VT2PRIB	BrettYoung	24.5	52.9	69	227
2300	G 14T	3000GT	Greenfield Genetics	29.1	49.4	72	224
2300	3093	RR	Hyland	25.9	51.5	69	199
2300	4093	HXX/LL/RR	Hyland	26.3	51.3	70	209
2300	39V07	HX1/LL/RR2	Pioneer	24.7	52.3	68	194
2300	A4631G2 RIB	VT2PRIB	PRIDE Seeds	25.7	51.3	65	212
2300	N09V	GT/CB/LL	Syngenta	25.6	52.1	72	206
2325	DKC 30-07	VT2PRIB	DEKALB	25.1	52.6	70	204
2350	A4881G2 RIB	VT2PRIB	PRIDE Seeds	27.8	51.3	70	207
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	25.1	51.9	70	233
2375	XP5095	VT2PRIB	PRIDE Seeds	27.4	51.6	65	226
2400	8105	SmartStax	Hyland	26.1	51.8	73	218
2400	DKC 31-10	VT2PRIB	DEKALB	25.7	47.6	70	215
2400	A5151G2 RIB	VT2PRIB	PRIDE Seeds	28.2	50.5	69	214
2425	P8210R	RR2	Pioneer	25.6	50.5	65	173
2475	P8210HR	HX1/LL/RR2	Pioneer	27.1	51.7	65	219
2500	4164	Agrisure3122	Hyland	25.1	51.6	72	230
2525	8166	SmartStax	Hyland	26.9	51.3	72	228
2550	P8651HR	HX1/LL/RR2	Pioneer	29.5	51.7	68	227
2550	P8673AM	YGCB/HX1/LL/RR2	Pioneer	29.1	50.7	72	240
2575	P8581R	RR2	Pioneer	30.6	47.5	70	215
2600	P8622AM	YGCB/HX1/LL/RR2	Pioneer	30.2	50.4	68	206
Site Average				25.7	52.0	68	202
CV%				5.9	2.4	2.4	9.1
Sign Diff				YES	YES	YES	YES
LSD (0.05)				2.5	2.0	3	30
Planting Date				May 23, 2014			
Harvest Date				October 21, 2014			

MacGregor - Grain Corn Results 2014

Comments:

All grain corn hybrids are evaluated at a plant population of 30,000 plants per acre. 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, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

CHU	Hybrid	Traits	Seed Company	MacGregor			
				Moisture (%)	Bushel Weight (lbs/bu)	Days To Silking	Yield (bu/ac)
2050	LR 9573VT2PRIB	VT2PRIB	Legend Seeds	23.3	52.1	68	108
2050	P7213R	RR2	Pioneer	20.5	55.0	68	100
2050	P7332R	RR2	Pioneer	23.7	49.5	70	123
2075	DKC 23-22	VT2PRIB	DEKALB	22.3	53.3	68	112
2075	TH 7574	GENVT2PRIB	Thunder Seed Inc.	23.8	52.7	69	114
2100	PS 2263VT2P RIB	GENVT2PRIB	PICKSEED	24.7	50.2	69	105
2100	P7410HR	HX1/LL/RR2	Pioneer	23.0	48.2	69	97
2100	P7443R	RR2	Pioneer	21.6	52.5	69	108
2125	LR 9474VT2PRIB	VT2PRIB	Legend Seeds	28.1	46.8	72	130
2125	LR 9574GT	GT	Legend Seeds	27.9	47.5	74	104
2125	DKC 26-25	RR	DEKALB	21.0	53.1	68	88
2150	E44A02 R	VT2PRIB	BrettYoung	25.4	50.3	69	120
2150	MZ 1244R	RR2	Maizex Seeds	24.9	51.6	69	120
2150	MZ 1610R	RR2	Maizex Seeds	22.7	52.0	71	126
2150	DKC 26-28	VT2PRIB	DEKALB	21.5	53.1	69	100
2150	N04F-3110	CB/GT	Syngenta	23.3	51.5	71	105
2175	LR 9975RR	RR	Legend Seeds	25.9	49.1	71	126
2175	TH 7677	GENVT2PRIB	Thunder Seed Inc.	24.8	49.3	70	137
2175	39D95	RR2	Pioneer	22.7	41.5	68	107
2200	MZ 1624DBR	GENVT2PRIB	Maizex Seeds	26.2	49.2	70	124
2200	MZ 1633DBR	GENVT2PRIB	Maizex Seeds	24.2	50.3	70	135
2200	DKC 27-55	VT2PRIB	DEKALB	22.5	54.3	69	118
2200	SG0822	GT/CB/LL	Syngenta	22.3	53.8	70	105
2200	TH7578	GENVT2PRIB	Thunder Seed Inc.	24.7	49.7	71	123
2225	E47A12 R	VT2PRIB	BrettYoung	24.4	35.9	71	133
2225	39Z69	HX1/LL/RR2	Pioneer	23.6	51.8	71	116
2225	P7632AM	YGCB/HX1/LL/RR2	Pioneer	24.6	49.2	69	115
2250	E48A29 R	VT3PRIB	BrettYoung	24.8	49.8	72	133
2250	3075	RR	Hyland	22.6	49.7	70	133
2250	3085	RR	Hyland	27.3	45.9	71	121
2250	MZ 1710DBR	GENVT2PRIB	Maizex Seeds	27.3	48.7	72	123
2250	PS 2305VT3P RIB	GENVT3PRIB	PICKSEED	21.8	53.0	69	101
2250	39D97	HX1/LL/RR2	Pioneer	25.3	50.3	70	100
2250	39V05	RR2	Pioneer	23.8	51.1	71	91
2250	N07H	GT/CB/LL	Syngenta	27.5	46.7	76	117
2275	BAXXOS RR	RR	Hyland	29.6	50.9	68	93
2275	P7958AM	YGCB/HX1/LL/RR2	Pioneer	26.1	48.0	70	132
2290	HZ 675	Agrisure GTCBLL	Horizon Seeds	29.7	47.9	72	118
2300	E49A12 R	VT2PRIB	BrettYoung	25.8	49.5	73	131
2300	3093	RR	Hyland	26.2	49.9	73	111
2300	4093	HXX/LL/RR	Hyland	25.7	49.7	72	121
2300	A4631G2 RIB	VT2PRIB	PRIDE Seeds	25.9	49.4	71	115
2300	N09V	GT/CB/LL	Syngenta	22.8	50.7	73	118
2325	DKC 30-07	VT2PRIB	DEKALB	22.9	51.8	70	124
2350	A4881G2 RIB	VT2PRIB	PRIDE Seeds	27.5	47.5	76	106
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	26.1	47.0	70	129
2375	HZ 730GT	Agrisure GT	Horizon Seeds	26.9	47.8	72	126
2400	8105	SmartStax	Hyland	26.1	47.1	75	115
2400	DKC 31-10	VT2PRIB	DEKALB	25.3	47.4	71	126
2425	P8210R	RR2	Pioneer	29.6	47.3	71	131
2475	P8210HR	HX1/LL/RR2	Pioneer	25.5	48.0	71	126
2500	4164	Agrisure3122	Hyland	31.1	46.7	75	125
2525	8166	SmartStax	Hyland	30.2	46.7	75	115
2550	P8673AM	YGCB/HX1/LL/RR2	Pioneer	29.0	47.2	73	123
2600	P8622AM	YGCB/HX1/LL/RR2	Pioneer	31.7	47.4	72	136
Site Average				25.2	49.4	71	117
CV%				8.5	8.6	1.6	9.6
Sign Diff				YES	YES	YES	YES
LSD (0.05)				3.5	6.9	2	18
Planting Date				May 28, 2014			
Harvest Date				October 27, 2014			

Warren - Grain Corn Results 2014

Comments:

All grain corn hybrids are evaluated at a plant population of 30,000 plants per acre.

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, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

CHU	Hybrid	Traits	Seed Company	Warren/Stonewall		
				Moisture (%)	Bushel Weight (lbs/bu)	Yield (bu/ac)
2050	LR 9573VT2PRIB	VT2PRIB	Legend Seeds	28.4	45.2	122
2050	P7213R	RR2	Pioneer	23.2	47.4	121
2050	P7332R	RR2	Pioneer	26.3	40.6	123
2075	DKC 23-22	VT2PRIB	DEKALB	23.7	48.4	122
2075	TH 7574	GENVT2PRIB	Thunder Seed Inc.	26.8	46.2	131
2100	PS 2263VT2P RIB	GENVT2PRIB	PICKSEED	28.5	41.9	120
2100	P7410HR	HX1/LL/RR2	Pioneer	29.5	37.4	126
2100	P7443R	RR2	Pioneer	25.2	43.0	120
2125	DKC 26-25	RR	DEKALB	24.7	46.4	134
2125	LR 9474VT2PRIB	VT2PRIB	Legend Seeds	25.8	42.1	109
2125	LR 9574GT	GT	Legend Seeds	37.6	36.9	92
2150	DKC 26-28	VT2PRIB	DEKALB	29.9	42.1	119
2150	E44A02 R	VT2PRIB	BrettYoung	28	41.5	122
2150	MZ 1610R	RR2	Maizex Seeds	27.8	44.0	103
2150	N04F-3110	CB/GT	Syngenta	21	46.4	101
2150	A4023BTRR	BTRR	PRIDE Seeds	26.4	44.5	111
2175	LR 9473RRRR	RR	Legend Seeds	25.1	43.6	117
2175	39D95	RR2	Pioneer	25.8	43.5	115
2175	TH 7677	GENVT2PRIB	Thunder Seed Inc.	26.8	41.8	112
2200	MZ 1633DBR	GENVT2PRIB	Maizex Seeds	25.8	41.2	113
2200	SG0822	GT/CB/LL	Syngenta	24.3	47.2	106
2200	TH7578	GENVT2PRIB	Thunder Seed Inc.	23.6	43.5	119
2225	E47A12 R	VT2PRIB	BrettYoung	25.9	41.2	107
2225	P7632AM	YGCB/HX1/LL/RR2	Pioneer	29.2	39.1	113
2250	E48A29 R	VT3PRIB	BrettYoung	27.9	41.9	98
2250	3075	RR	Hyland	30.3	38.0	108
2250	3085	RR	Hyland	29.5	39.9	101
2250	PS 2305VT3P RIB	GENVT3PRIB	PICKSEED	31.3	41.1	128
2250	N07H	GT/CB/LL	Syngenta	24.3	40.4	105
Site Average				27.0	42.7	114
CV%				7.9	3.7	7.0
Sign Diff				YES	YES	YES
LSD (0.05)				3	3	13
Planting Date				June 5, 2014		
Harvest Date				October 28, 2014		

Elm Creek - Silage Corn Results 2014

Comments:

All hybrids were evaluated at a plant population of 28,000 plants per acre. 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, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

		Elm Creek										
CHU	Hybrid	Traits	Seed Company	65% MC Yield (M/ha)	Moisture (%)	TDN (%)	ADF (%)	NDF (%)	NE/Gain (Mcal/kg)	NE/Lact (Mcal/kg)	Milk/Acre (lbs/acre)	Beef/Acre (lbs/acre)
2150	YUKON R	RR	BrettYoung	19.9	66.6	72.5	24.5	43.7	1.1	1.7	17.989	1,876
2200	E47A17 R	RR	BrettYoung	23.8	61.0	75.8	21.3	39.7	1.2	1.7	18.962	2,214
2200	FUSION RR	RR	BrettYoung	20.2	68.6	70.8	26.0	46.4	1.1	1.6	17.891	1,901
2300	E53B22 R	VT2PRIB	BrettYoung	21.3	65.5	72.8	24.2	43.8	1.1	1.7	19.000	2,056
2300	E49A12 R	VT2PRIB	BrettYoung	18.6	67.3	72.4	24.6	43.5	1.1	1.7	15.396	1,698
2450	E57L62 R	VT2PRIB	BrettYoung	22.5	69.5	73.2	23.9	43.6	1.1	1.7	21.993	2,210
2500	VENZA R	RR	BrettYoung	24.5	68.4	71.1	25.8	46.1	1.1	1.6	21.396	2,313
2525	E61P12 R	VT2PRIB	BrettYoung	24.6	67.3	74.3	22.8	41.6	1.2	1.7	20.365	2,245
2125	DKC 26-25	RR	DEKALB	12.2	59.8	70.1	26.7	47.0	1.1	1.6	10.374	1,115
2150	DKC 26-28	VT2PRIB	DEKALB	16.7	51.7	74.1	23.0	41.0	1.2	1.7	13.897	1,641
2200	DKC 27-55	VT2PRIB	DEKALB	19.7	61.6	68.4	28.3	49.3	1.0	1.6	16.573	1,761
2325	DKC 30-07	VT2PRIB	DEKALB	20.6	62.5	69.7	27.1	47.9	1.0	1.6	16.482	1,806
2400	DKC 31-10	VT2PRIB	DEKALB	21.5	65.3	73.9	23.2	43.0	1.2	1.7	18.443	1,962
2250	3085	RR	Hyland	19.3	63.7	73.1	23.9	43.6	1.1	1.7	17.408	1,854
2300	3093	RR	Hyland	20.7	59.7	75.3	21.9	40.1	1.2	1.7	19.091	2,029
2350	HL R219	RR	Hyland	26	59.7	71.5	25.4	45.9	1.1	1.6	21.948	2,415
2400	HL SR22	RR	Hyland	22.1	66.9	71.8	25.1	44.9	1.1	1.7	19.009	1,991
2500	4164	Agrisure3122	Hyland	25.3	62.4	72.7	24.3	43.4	1.1	1.7	21.240	2,360
2650	HL SR35	RR	Hyland	22.8	73.3	67.5	29.2	51.3	1.0	1.5	18.021	1,999
2650	HLS 4302	HXXLL/RR	Hyland	25.6	70.4	69.0	27.8	49.5	1.0	1.6	21.177	2,284
2275	Baxxos RR	RR	Hyland	18	65.7	72.0	25.0	45.1	1.1	1.7	15.464	1,622
2200	LR 9376RR	RR	Legend Seeds	17.6	68.2	70.3	26.5	47.7	1.1	1.6	16.031	1,540
2200	MZ 1633DBR	GENVT2PRIB	Maizez Seeds	19.6	65.9	73.9	23.2	42.5	1.2	1.7	16.278	1,779
2300	LF 728R	RR	Maizez Seeds Inc.	21.5	66.0	74.0	23.1	43.3	1.2	1.7	20.490	2,202
2350	LF 755RR	RR	Maizez Seeds Inc.	21.5	68.7	68.9	27.8	49.2	1.0	1.6	19.440	1,938
2100	PS 2263VT2P RIB	GENVT2PRIB	PICKSEED	17.6	56.7	77.7	19.6	37.5	1.3	1.8	16.136	1,880
2225	PS2304RR	RR2	PICKSEED	17.2	53.8	71.9	25.1	43.5	1.1	1.6	13.412	1,539
2050	P7332R	RR2	Pioneer	17.4	57.1	73.7	23.3	41.6	1.2	1.7	13.920	1,606
2100	P7410HR	HX1/LL/RR2	Pioneer	16	58.2	69.3	27.5	48.1	1.0	1.6	14.474	1,402
2100	P7443R	RR2	Pioneer	19.7	48.7	71.5	25.4	44.2	1.1	1.6	15.072	1,716
2225	P7632AM	YGCB/HX1/LL/RR2	Pioneer	19.1	62.7	70.3	26.5	47.8	1.1	1.6	16.624	1,678
2250	39D97	RR2	Pioneer	20.2	61.6	69.3	27.5	48.0	1.0	1.6	17.684	1,756
2250	39V05	RR2	Pioneer	15.8	62.3	71.7	25.2	44.3	1.1	1.6	13.848	1,472
2275	P7958AM	YGCB/HX1/LL/RR2	Pioneer	22.3	63.4	71.4	23.7	45.7	1.1	1.6	20.022	2,081
2425	P8210R	RR2	Pioneer	18.7	59.6	73.3	23.7	43.7	1.1	1.7	15.869	1,711
2550	P8651HR	HX1/LL/RR2	Pioneer	20.3	67.3	70.6	26.3	46.8	1.1	1.6	18.585	1,855
2550	P8673AM	YGCB/HX1/LL/RR2	Pioneer	22.4	66.8	69.5	27.3	48.2	1.0	1.6	19.102	1,998
2575	P8581R	RR2	Pioneer	21.1	70.5	70.5	26.4	45.6	1.1	1.6	17.371	1,899
2600	P8622AM	YGCB/HX1/LL/RR2	Pioneer	19.1	64.9	71.0	25.9	46.5	1.1	1.6	17.509	1,715
2125	A4176BTRR	BTR	PRIDE Seeds	17.8	64.2	73.5	23.6	42.6	1.2	1.7	14.775	1,562
2325	A4705HMRR	RR	PRIDE Seeds	19.7	66.9	70.6	26.3	45.5	1.1	1.6	16.899	1,767
2400	AS1047RR EDF	RR	PRIDE Seeds	22.8	70.4	73.1	24.0	43.7	1.1	1.7	20.299	2,220
2300	TH 2146	RR2	Thunder Seed Inc.	24.2	66.1	71.1	25.8	46.8	1.1	1.6	22.705	2,323
2250	TH 8781	RR2	Thunder Seed Inc.	20.5	67.1	69.6	27.2	49.1	1.0	1.6	17.890	1,866
			Site Average	20.3	63.9	71.8	25.1	45.0	1.1	1.6	17.644	1,883
			CV	13.1	6.2	4.6	12.3	10.3	8.4	5.0	-	-
			Sign Diff	YES	YES	YES	YES	YES	YES	YES	-	-
			LSD	4.3	6.5	5.4	5.0	7.5	0.1	0.1	-	-
			Planting Date									
			Harvest Date									

May 15, 2014
September 26, 2014

Distributor Contacts for Listed Varieties

See Grain/Silage Corn table for specific hybrids, then check Distributor table below for phone number

Distributor	Seed Company	Phone Number
Delmar Commodities	Legend Seeds	1-204-331-3696
DuPont Pioneer	Pioneer	1-800-265-9435
Elite	BrettYoung	1-800-665-5015
Fraser Seeds	Greenfield Genetics	1-604-929-7371
Horizon Seeds Canada Inc.	Horizon Seeds	1-855-983-7255
Hyland Seeds	Hyland	1-204-745-7656
Maizex Seeds Inc.	Maizex Seeds	1-877-682-1720
Monsanto Canada Inc.	DEKALB	1-800-667-4944
DLF Pickseed Canada Inc.	PICKSEED	1-204-633-0088
PRIDE Seeds Inc.	PRIDE Seeds	1-800-265-5280
Quarry Seed	Thunder Seed Inc.	1-888-274-9243

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 and Rural Development (MAFRD) who are interested with the production of grain and silage 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 the province. The MCC publishes the data annually in the "Manitoba Corn Hybrid Performance Trials" brochure.

Members of the Manitoba Corn Committee:

Morgan Cott – Chair
MCGA Field Agronomist
Ph: 204.750.2489

Pam de Rocquigny
Provincial Cereal Crops Specialist – MAFRD
Ph: 204.745.5676

Wilt Billing
DuPont Pioneer, CSTA Representative
Ph: 204.745.0218

Bruce Murray
Monsanto Canada, CSTA Representative
Ph: 204.745.9447

Garett Veldman
MCGA Representative
Ph: 204.451.2676

Jonathon Kaminsky
MCGA Representative
Ph: 204.792.2081

Theresa Bergsma
MCGA General Manager
Ph: 204.745.6661

For any questions or comments, please contact:

Morgan Cott
Email: morgan@manitobacorn.ca