

# **2017 Manitoba Corn Hybrid Performance Trials**



**Conducted by the Manitoba Corn Committee**

## **WELCOME TO THE 2017 MANITOBA CORN COMMITTEE BROCHURE**

Welcome to the 2017 edition of the Manitoba Corn Hybrid Performance Trials results, compliments of the Manitoba Corn Committee (MCC). The MCC brochure remains as the source of unbiased and local corn hybrid information from various locations across Manitoba.

The 2017 planting season was another early one for the majority of Manitoba. The MCC trials were all planted in a timely fashion along with many of the producer's corn fields. Locations for the MCC trials remained much the same as they were in 2016.

For the 7 core grain trial sites, the Warren and Beausejour trials were cancelled prior to planting due to staffing changes with the site coordinator. In season, the trial at the Melita site had issues with fertilizer placement and emergence, so it was cancelled prior to harvesting. The remaining trials at the Carman, MacGregor, Morden and St. Pierre sites were harvested. Due to the dry growing season, the MacGregor trial had some variability and the trial ended up with a high Coefficient of Variability (CV) and data unacceptable. The MCC Brochure lists a 3 site summary for Yield (bus/acre) and Harvest Moisture, along with the individual site/location results.

Three traditional sites were planted for the Silage Corn. These locations were: Arborg, Elm Creek and St. Pierre. Prior to silking, the trial at the Elm Creek location was cancelled due to "buggy whipping" injury, from a combination of herbicide x environmental interactions. Arborg and St. Pierre trials were taken to harvest. Just prior to the trial at Arborg being harvested, high winds caused severe lodging in some of the corn hybrids. This created a high trial CV and the data unusable.

MCC would like to thank our site contractors for this year: AgQuest Inc., DuPont Pioneer, Dow AgroSciences, PESAI, WADO and CMCDC – for all of their hard work. Thank-you also goes out to all the land owners that provided the land for each of the MCC sites/trials.

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

Please read the "Important Notes" section on the following page. It provides some table information that will assist you when reviewing the trial results.

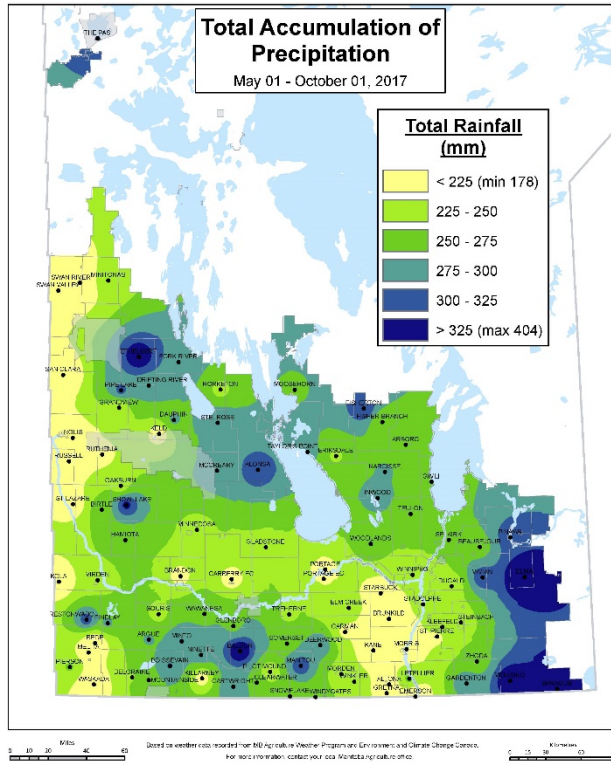
If you require any further information on the Manitoba Corn Committee's Corn Hybrid Performance Trials, please do not hesitate to contact the Manitoba Corn Growers Association at 204.745.6661.

Daryl Rex, Chair – Manitoba Corn Committee

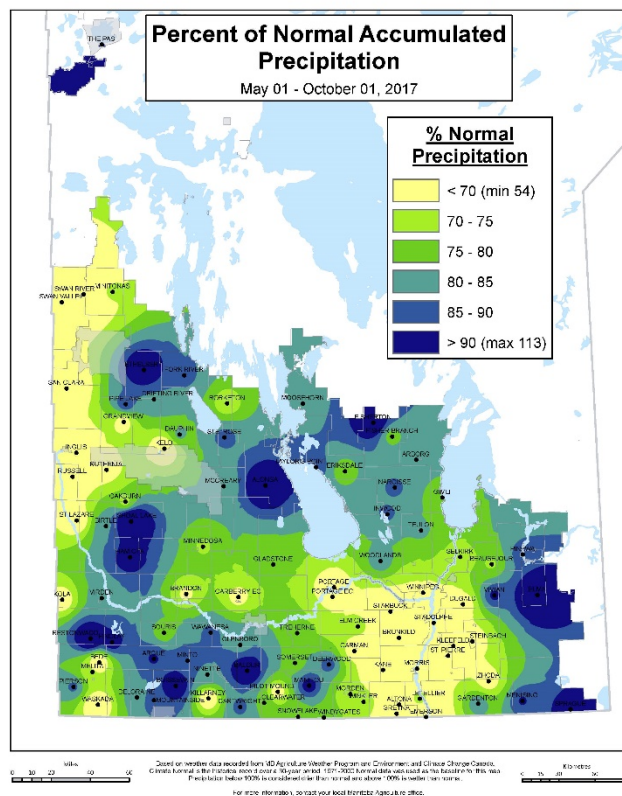
## IMPORTANT NOTES FOR THE GRAIN & SILAGE CORN TABLES

- **USING MANITOBA CORN COMMITTEE RESULTS:** The MCC realizes companies/retailers often use the results from the MCC corn hybrid performance trials for their own 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 "2017 Manitoba Corn Hybrid Performance Trials" brochure and indicate the complete brochure can be obtained from phoning the Manitoba Corn Growers Association office (204.745.6661) or their website ([www.manitobacorn.ca](http://www.manitobacorn.ca))
- **CHU RATING:** Each company assigns a Corn Heat Unit (CHU) rating to their hybrids. The CHU rating is a relative maturity and is only one criteria to evaluate when choosing a hybrid that will mature in your area. Moisture content at harvest, bulk density and days to 50% silk are other measurements to look at when evaluating the relative maturity of corn hybrids.
- **TECHNOLOGY/GENETIC TRAITS:** The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada at <http://cdnseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements.
- **CV = COEFFICIENT OF VARIATION:** It is a measure of the random variation in a trial. A smaller CV value is more desirable.
- **LSD = LEAST SIGNIFICANT DIFFERENCE:** Hybrids must differ by the LSD to be considered significant different from one another.
- **SIGN. DIFF. = SIGNIFICANT DIFFERENCE:** Indicates if a real difference exists between hybrids at an individual location.

# PRECIPITATION DATA FOR 2017 (mm)

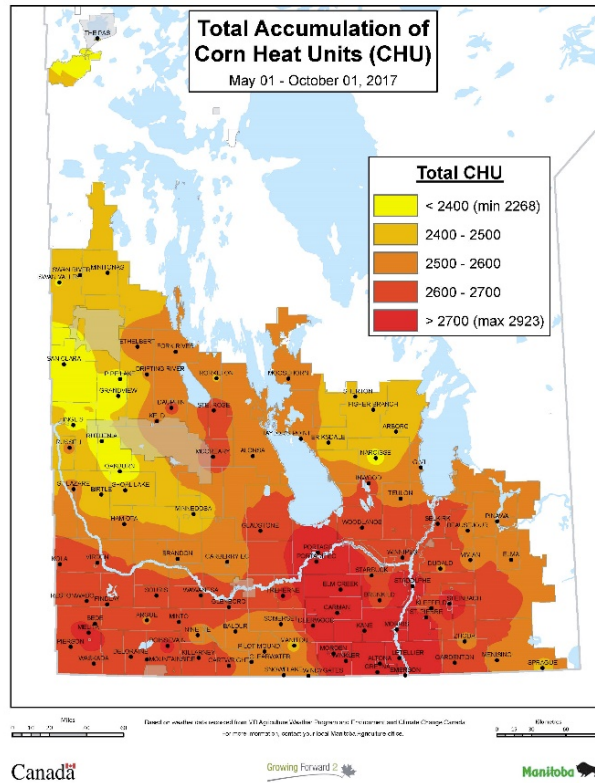


# PRECIPITATION DATA FOR 2017 (% of Normal)

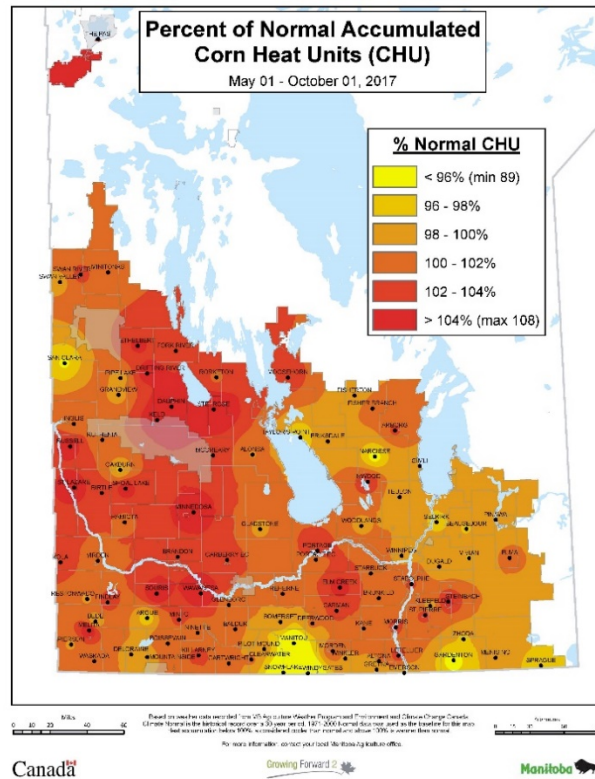




# CORN HEAT UNIT DATA FOR 2017



# CORN HEAT UNIT DATA FOR 2017 (% of Normal)



**Morden - Grain Corn Results - 2017**

**Comments:**

The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 15.5% moisture content. Moisture content is measured at harvest.

The Manitoba Corn Committee publishes the annual results with all yearly data in their brochure, which is available by calling the Manitoba Corn Growers Association office at 204-745-6661.

The brochure is also available on the MCGA website listed below

<http://www.manitobacorn.ca>

CHU <sup>1</sup> Rating	Hybrid	Trait(s) <sup>2</sup>	Distributor	Morden			
				Yield (bu/ac)	Moisture (%)	Days to Silking	Bushel Wt (lbs/bu)
2000	P7005AM	YGCB/HX1/LL/RR2	DuPont Pioneer	--	--	--	--
2050	P7202AM	YGCB/HX1/LL/RR2	DuPont Pioneer	126	23.4	78	52.2
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	104	21.0	80	53.8
2050	TH 7673 VT2P	VT2PRIB	Thunder Seed Inc.	148	25.7	78	55.2
2075	DKC23-17RIB	VT2P	Monsanto Canada Inc.	--	--	--	--
2100	E44H12 R	GENVT2P	Elite	148	24.4	78	54.5
2100	NS 72-521	VT2PRIB	NorthStar Genetics	--	--	--	--
2100	TH 6875 VT2P	VT2PRIB	Thunder Seed Inc.	172	26.0	77	51.8
2100	TH 7574 VT2P	VT2PRIB	Thunder Seed Inc.	172	26.7	78	54.2
2125	PV 60075 RR	RR2	Crop Production Services	--	--	--	--
2125	P7227R	RR2	DuPont Pioneer	116	21.7	78	51.5
2150	PV 60075 RIB	VT Double Pro RIB	Crop Production Services	138	26.9	80	53.6
2150	DKC26-40RIB	VT2P	Monsanto Canada Inc.	--	--	--	--
2150	P7527AM	YGCB/HX1/LL/RR2	DuPont Pioneer	137	26.0	80	49.8
2150	LR 9473 RR	RR	Delmar Commodities	161	25.9	80	52.3
2150	MZ 1340DBR	GENVT2P	Maizex Seeds Inc.	166	25.6	78	52.2
2150	A4199G2 RIB	VT2PRIB	PRIDE Seeds	150	26.9	80	52.1
2150	NSTRExp31086	GTCBLLBL	NorthStar Seed	--	--	--	--
2150	E46J77 R	GT	Elite	--	--	--	--
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	181	27.8	79	52.5
2200	PS 2320RR	RR2	DLF Pickseed Canada Inc.	187	32.3	79	53.1
2200	HZ 1452	Agrisure 3120 EZ	Horizon Seeds Canada Inc.	143	25.9	80	54.6
2200	LR 9573 VT2PRIB	VT2PRIB	Delmar Commodities	169	29.7	79	53.2
2200	A4415G2 RIB	VT2PRIB	PRIDE Seeds	--	--	--	--
2200	TH 7677 VT2P	VT2PRIB	Thunder Seed Inc.	185	28.7	78	52.6
2200	TH 4578 RR	RR2	Thunder Seed Inc.	178	27.7	79	53.1
2200	NSTRExp47068	GTCBLLBL	NorthStar Seed	--	--	--	--
2225	P7632AM	YGCB/HX1/LL/RR2	DuPont Pioneer	171	26.5	77	51.1
2225	E47A12 R	GENVT2P	Elite	173	30.2	78	52.2
2225	LR 9474 VT2PRIB	VT2PRIB	Delmar Commodities	153	31.1	78	52.2
2225	LR 9874 VT2PRIB	VT2PRIB	Delmar Commodities	155	27.0	80	52.5
2225	TH 7578 VT2P	VT2PRIB	Thunder Seed Inc.	193	30.1	78	52.5
2250	PV 61079 RIB	VT Double Pro RIB	Crop Production Services	161	29.7	80	50.7
2250	39V05	RR2	DuPont Pioneer	148	24.1	78	52.8
2250	HZ 1885	Agrisure 3010	Horizon Seeds Canada Inc.	165	29.5	80	52.9
2250	HZ 1686	Agrisure GT	Horizon Seeds Canada Inc.	172	27.8	77	52.9
2250	MZ 1633DBR	GENVT2P	Maizex Seeds Inc.	187	27.4	78	51.9
2275	PS 2333RR	RR2	DLF Pickseed Canada Inc.	183	32.2	78	53.6
2275	P7958AM	YGCB/HX1/LL/RR2	DuPont Pioneer	173	28.3	77	51.5
2275	39V09AM	YGCB/HX1/LL/RR2	DuPont Pioneer	155	26.3	77	50.6
2275	LR 9676 VT2PRIB	VT2PRIB	Delmar Commodities	160	25.9	79	53.0
2300	PS 2420RR	RR2	DLF Pickseed Canada Inc.	207	31.6	78	53.2
2300	PS 2444VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	192	32.8	78	52.6
2300	MZ 1624DBR	GENVT2P	Maizex Seeds Inc.	194	28.1	78	53.2
2300	NSTRExp13110	GTCBLLBL	NorthStar Seed	--	--	--	--
2325	XP17079G2	VT2P	PRIDE Seeds	188	28.6	78	51.8
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	179	27.4	81	50.9
2350	X17-3136b	GENVT2P	Elite	184	29.3	80	52.1
2350	HZ 675	Agrisure 3010	Horizon Seeds Canada Inc.	166	32.4	79	52.7
2350	TH 7681 VT2P	VT2PRIB	Thunder Seed Inc.	188	29.1	81	52.0
2400	DS80A27	SSX	Dow AgroSciences	168	30.8	81	48.3
2400	CNX160036VX	PowerCore	Dow AgroSciences	139	26.8	79	50.0
2400	E50P52 R	GENVT2P	Elite	179	27.7	78	52.0
2450	DKC33-78RIB	VT2P	Monsanto Canada Inc.	188	28.3	78	52.5
2450	X15014VX	PowerCore	Dow AgroSciences	150	25.5	79	50.0
2450	E52V92 R	GENVT2P	Elite	196	28.8	79	52.3
2475	DKC32-12RIB	VT2P	Monsanto Canada Inc.	194	29.1	79	52.6
2475	A5095G2 RIB	VT2PRIB	PRIDE Seeds	163	29.9	80	50.6
2475	NSTRExp23220	GTCBLL	NorthStar Seed	--	--	--	--
2500	P8387AM	YGCB/HX1/LL/RR2	DuPont Pioneer	187	30.4	80	50.1
2500	A5151G2 RIB	VT2PRIB	PRIDE Seeds	191	31.2	78	51.5
<b>Site Ave</b>				168	27.9	79	52.2
<b>CV%</b>				7.3	6.0	3.0	1.1
<b>Sign Diff</b>				Yes	Yes	Yes	Yes
<b>LSD (0.05)</b>				20	2.7	3	0.9
<b>Planting Date</b>				May 8, 2017			
<b>Harvest Date</b>				October 6, 2017			

<sup>1</sup> 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 is suitable for your growing region.

<sup>2</sup> The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, available at <http://cdnseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements.

Blanks (--) indicate that no data is available for the hybrid. The hybrid may not have been tested at the location.

**Carman - Grain Corn Results - 2017**

**Comments:**

The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 15.5% moisture content. Moisture content is measured at harvest.

The Manitoba Corn Committee publishes the annual results with all yearly data in their brochure, which is available by calling the Manitoba Corn Growers Association office at 204-745-6661.

The brochure is also available on the MCGA website listed below

<http://www.manitobacorn.ca>

CHU <sup>1</sup> Rating	Hybrid	Trait(s) <sup>2</sup>	Distributor	Carman			
				Yield (bu/ac)	Moisture (%)	Days to Silking	Bushel Wt (lbs/bu)
2000	P7005AM	YGCB/HX1/LL/RR2	DuPont Pioneer	--	--	--	--
2050	P7202AM	YGCB/HX1/LL/RR2	DuPont Pioneer	155	21.9	70	55.0
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	--	--	--	--
2050	TH 7673 VT2P	VT2PRIB	Thunder Seed Inc.	154	22.0	71	56.0
2075	DKC23-17RIB	VT2P	Monsanto Canada Inc.	--	--	--	--
2100	E44H12 R	GENVT2P	Elite	141	23.2	71	55.6
2100	NS 72-521	VT2PRIB	NorthStar Genetics	--	--	--	--
2100	TH 6875 VT2P	VT2PRIB	Thunder Seed Inc.	164	23.8	73	53.8
2100	TH 7574 VT2P	VT2PRIB	Thunder Seed Inc.	167	23.9	74	56.4
2125	PV 60075 RR	RR2	Crop Production Services	--	--	--	--
2125	P7227R	RR2	DuPont Pioneer	176	22.6	74	55.3
2150	PV 60075 RIB	VT Double Pro RIB	Crop Production Services	141	23.4	71	55.7
2150	DKC26-40RIB	VT2P	Monsanto Canada Inc.	--	--	--	--
2150	P7527AM	YGCB/HX1/LL/RR2	DuPont Pioneer	189	22.9	75	56.3
2150	LR 9473 RR	RR	Delmar Commodities	166	23.2	75	53.9
2150	MZ 1340DBR	GENVT2P	Maizex Seeds Inc.	188	24.1	72	53.9
2150	A4199G2 RIB	VT2PRIB	PRIDE Seeds	156	23.0	73	54.6
2150	NSTRExp31086	GTCBLLBL	NorthStar Seed	149	21.3	76	54.9
2150	E46J77 R	GT	Elite	--	--	--	--
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	172	22.4	75	54.5
2200	PS 2320RR	RR2	DLF Pickseed Canada Inc.	185	25.0	74	53.6
2200	HZ 1452	Agrisure 3120 EZ	Horizon Seeds Canada Inc.	138	21.7	73	57.4
2200	LR 9573 VT2PRIB	VT2PRIB	Delmar Commodities	169	22.7	74	55.0
2200	A4415G2 RIB	VT2PRIB	PRIDE Seeds	--	--	--	--
2200	TH 7677 VT2P	VT2PRIB	Thunder Seed Inc.	167	21.9	75	55.2
2200	TH 4578 RR	RR2	Thunder Seed Inc.	166	23.6	76	53.3
2200	NSTRExp47068	GTCBLLBL	NorthStar Seed	163	22.7	72	55.3
2225	P7632AM	YGCB/HX1/LL/RR2	DuPont Pioneer	185	23.7	73	53.3
2225	E47A12 R	GENVT2P	Elite	177	23.4	75	54.6
2225	LR 9474 VT2PRIB	VT2PRIB	Delmar Commodities	166	24.2	76	54.1
2225	LR 9874 VT2PRIB	VT2PRIB	Delmar Commodities	161	23.8	72	54.1
2225	TH 7578 VT2P	VT2PRIB	Thunder Seed Inc.	166	23.2	76	53.0
2250	PV 61079 RIB	VT Double Pro RIB	Crop Production Services	166	24.8	72	53.1
2250	39V05	RR2	DuPont Pioneer	176	21.8	71	55.4
2250	HZ 1885	Agrisure 3010	Horizon Seeds Canada Inc.	160	23.8	76	55.3
2250	HZ 1686	Agrisure GT	Horizon Seeds Canada Inc.	160	24.0	75	55.6
2250	MZ 1633DBR	GENVT2P	Maizex Seeds Inc.	167	22.9	75	54.1
2275	PS 2333RR	RR2	DLF Pickseed Canada Inc.	176	26.3	73	54.0
2275	P7958AM	YGCB/HX1/LL/RR2	DuPont Pioneer	196	24.7	75	53.9
2275	39V09AM	YGCB/HX1/LL/RR2	DuPont Pioneer	172	22.3	74	54.3
2275	LR 9676 VT2PRIB	VT2PRIB	Delmar Commodities	171	24.2	73	54.8
2300	PS 2420RR	RR2	DLF Pickseed Canada Inc.	184	24.8	74	54.4
2300	PS 2444VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	172	24.8	75	52.8
2300	MZ 1624DBR	GENVT2P	Maizex Seeds Inc.	185	23.8	75	54.4
2300	NSTRExp13110	GTCBLLBL	NorthStar Seed	164	24.2	76	53.7
2325	XP17079G2	VT2P	PRIDE Seeds	166	23.7	76	53.5
2350	X17-3136b	GENVT2P	Elite	174	23.0	75	53.7
2350	HZ 675	Agrisure 3010	Horizon Seeds Canada Inc.	172	25.9	77	53.1
2350	TH 7681 VT2P	VT2PRIB	Thunder Seed Inc.	175	22.3	75	54.4
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	174	23.3	74	54.2
2400	DS80A27	SSX	Dow AgroSciences	172	26.8	76	51.4
2400	CNX160036VX	PowerCore	Dow AgroSciences	173	24.9	75	53.8
2400	E50P52 R	GENVT2P	Elite	172	22.6	74	53.7
2450	DKC33-78RIB	VT2P	Monsanto Canada Inc.	167	23.4	75	54.5
2450	X15014VX	PowerCore	Dow AgroSciences	176	26.6	76	52.6
2450	E52V92 R	GENVT2P	Elite	177	23.0	76	55.0
2475	DKC32-12RIB	VT2P	Monsanto Canada Inc.	185	22.0	75	54.9
2475	A5095G2 RIB	VT2PRIB	PRIDE Seeds	177	26.0	75	52.4
2475	NSTRExp23220	GTCBLL	NorthStar Seed	159	23.8	78	55.0
2500	P8387AM	YGCB/HX1/LL/RR2	DuPont Pioneer	167	23.3	74	52.8
2500	A5151G2 RIB	VT2PRIB	PRIDE Seeds	182	26.1	76	52.7
<b>Site Ave</b>				169	23.6	74	54.3
<b>CV%</b>				7.9	5.0	1.0	2.6
<b>Sign Diff</b>				Yes	Yes	Yes	Yes
<b>LSD (0.05)</b>				22	1.9	2	2.3
<b>Planting Date</b>				May 13, 2017			
<b>Harvest Date</b>				October 11, 2017			

<sup>1</sup> 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 is suitable for your growing region.

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Blanks (--) indicate that no data is available for the hybrid. The hybrid may not have been tested at the location.

**St. Pierre - Grain Corn Results - 2017**

**Comments:**

The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 15.5% moisture content. Moisture content is measured at harvest.

The Manitoba Corn Committee publishes the annual results with all yearly data in their brochure, which is available by calling the Manitoba Corn Growers Association office at 204-745-6661.

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<http://www.manitobacorn.ca>

CHU <sup>1</sup> Rating	Hybrid	Trait(s) <sup>2</sup>	Distributor	St. Pierre			
				Yield (bu/ac)	Moisture (%)	Days to Silking	Bushel Wt (lbs/bu)
2000	P7005AM	YGCB/HX1/LL/RR2	DuPont Pioneer	141	22.0	75	55.5
2050	P7202AM	YGCB/HX1/LL/RR2	DuPont Pioneer	165	23.0	73	53.9
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	143	20.5	72	53.6
2050	TH 7673 VT2P	VT2PRIB	Thunder Seed Inc.	164	23.5	76	55.0
2075	DKC23-17RIB	VT2P	Monsanto Canada Inc.	165	21.0	74	54.5
2100	E44H12 R	GENVT2P	Elite	161	24.0	74	54.8
2100	NS 72-521	VT2PRIB	NorthStar Genetics	171	22.2	76	54.9
2100	TH 6875 VT2P	VT2PRIB	Thunder Seed Inc.	198	22.1	77	52.8
2100	TH 7574 VT2P	VT2PRIB	Thunder Seed Inc.	175	24.5	78	53.6
2125	PV 60075 RR	RR2	Crop Production Services	166	23.8	76	53.9
2125	P7227R	RR2	DuPont Pioneer	182	23.2	78	53.2
2150	PV 60075 RIB	VT Double Pro RIB	Crop Production Services	187	21.8	75	55.7
2150	DKC26-40RIB	VT2P	Monsanto Canada Inc.	186	22.8	75	54.5
2150	P7527AM	YGCB/HX1/LL/RR2	DuPont Pioneer	187	24.5	77	52.8
2150	LR 9473 RR	RR	Delmar Commodities	142	22.6	78	53.7
2150	MZ 1340DBR	GENVT2P	Maizex Seeds Inc.	200	22.1	76	55.1
2150	A4199G2 RIB	VT2PRIB	PRIDE Seeds	161	23.6	75	54.5
2150	NSTRExp31086	GTCBLLBL	NorthStar Seed	170	25.8	78	52.6
2150	E46J77 R	GT	Elite	--	--	--	--
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	194	22.0	79	53.3
2200	PS 2320RR	RR2	DLF Pickseed Canada Inc.	208	24.2	76	53.7
2200	HZ 1452	Agrisure 3120 EZ	Horizon Seeds Canada Inc.	168	22.1	76	55.6
2200	LR 9573 VT2PRIB	VT2PRIB	Delmar Commodities	178	23.1	77	55.5
2200	A4415G2 RIB	VT2PRIB	PRIDE Seeds	169	22.8	77	54.3
2200	TH 7677 VT2P	VT2PRIB	Thunder Seed Inc.	189	23.3	79	53.6
2200	TH 4578 RR	RR2	Thunder Seed Inc.	205	22.8	78	53.6
2200	NSTRExp47068	GTCBLLBL	NorthStar Seed	185	21.5	76	55.4
2225	P7632AM	YGCB/HX1/LL/RR2	DuPont Pioneer	185	22.7	77	53.0
2225	E47A12 R	GENVT2P	Elite	165	23.7	78	54.0
2225	LR 9474 VT2PRIB	VT2PRIB	Delmar Commodities	189	23.8	78	52.7
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2225	TH 7578 VT2P	VT2PRIB	Thunder Seed Inc.	202	22.4	78	54.4
2250	PV 61079 RIB	VT Double Pro RIB	Crop Production Services	178	23.8	76	52.7
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2275	LR 9676 VT2PRIB	VT2PRIB	Delmar Commodities	180	22.2	76	55.3
2300	PS 2420RR	RR2	DLF Pickseed Canada Inc.	207	23.7	77	54.1
2300	PS 2444VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	183	23.7	78	53.0
2300	MZ 1624DBR	GENVT2P	Maizex Seeds Inc.	206	22.6	79	55.7
2300	NSTRExp13110	GTCBLLBL	NorthStar Seed	182	22.5	79	53.2
2325	XP17079G2	VT2P	PRIDE Seeds	192	23.0	76	53.1
2350	X17-3136b	GENVT2P	Elite	196	22.7	78	54.0
2350	HZ 675	Agrisure 3010	Horizon Seeds Canada Inc.	198	24.1	78	53.7
2350	TH 7681 VT2P	VT2PRIB	Thunder Seed Inc.	189	22.8	78	53.4
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	210	21.3	78	54.5
2400	DS80A27	SSX	Dow AgroSciences	190	25.2	81	51.2
2400	CNX160036VX	PowerCore	Dow AgroSciences	150	25.3	78	52.4
2400	E50P52 R	GENVT2P	Elite	185	22.8	77	54.3
2450	DKC33-78RIB	VT2P	Monsanto Canada Inc.	194	22.9	78	54.1
2450	X15014VX	PowerCore	Dow AgroSciences	186	24.3	79	51.9
2450	E52V92 R	GENVT2P	Elite	197	23.3	79	52.9
2475	DKC32-12RIB	VT2P	Monsanto Canada Inc.	190	23.0	78	53.2
2475	A5095G2 RIB	VT2PRIB	PRIDE Seeds	201	23.8	79	52.1
2475	NSTRExp23220	GTCBLL	NorthStar Seed	165	25.7	81	51.1
2500	P8387AM	YGCB/HX1/LL/RR2	DuPont Pioneer	188	24.1	78	52.2
2500	A5151G2 RIB	VT2PRIB	PRIDE Seeds	--	--	--	--
<b>Site Ave</b>				182	23.2	77	53.8
<b>CV%</b>				7.0	6.3	2.0	2.2
<b>Sign Diff</b>				Yes	Yes	Yes	Yes
<b>LSD (0.05)</b>				21	2.4	2	1.9
<b>Planting Date</b>				May 12, 2017			
<b>Harvest Date</b>				October 17, 2017			

<sup>1</sup> 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 is suitable for your growing region.

<sup>2</sup> The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, available at <http://cdnseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements.

Blanks (--) indicate that no data is available for the hybrid. The hybrid may not have been tested at the location.



**Yield (bushels/acre) Summary - Grain Corn - 2017**

**Comments:**

The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 15.5% moisture content. Moisture content is measured at harvest.

The Manitoba Corn Committee publishes the annual results with all yearly data in their brochure, which is available by calling the Manitoba Corn Growers Association office at 204-745-6661.

The brochure is also available on the MCGA website listed below

<http://www.manitobacorn.ca>

CHU <sup>1</sup> Rating	Hybrid	Trait(s) <sup>2</sup>	Distributor	Long Season Zone				Mid Season Zone	
				Morden		Carman		St. Pierre	
				Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)
2000	P7005AM	YGCB/HX1/LL/RR2	DuPont Pioneer	--	--	--	--	141	22.0
2050	P7202AM	YGCB/HX1/LL/RR2	DuPont Pioneer	126	23.4	155	21.9	165	23.0
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	104	21.0	--	--	143	20.5
2050	TH 7673 VT2P	VT2PRIB	Thunder Seed Inc.	148	25.7	154	22.0	164	23.5
2075	DKC23-17RIB	VT2P	Monsanto Canada Inc.	--	--	--	--	165	21.0
2100	E44H12 R	GENVT2P	Elite	148	24.4	141	23.2	161	24.0
2100	NS 72-521	VT2PRIB	NorthStar Genetics	--	--	--	--	171	22.2
2100	TH 6875 VT2P	VT2PRIB	Thunder Seed Inc.	172	26.0	164	23.8	198	22.1
2100	TH 7574 VT2P	VT2PRIB	Thunder Seed Inc.	172	26.7	167	23.9	175	24.5
2125	PV 60075 RR	RR2	Crop Production Services	--	--	--	--	166	23.8
2125	P7227R	RR2	DuPont Pioneer	116	21.7	176	22.6	182	23.2
2150	PV 60075 RIB	VT Double Pro RIB	Crop Production Services	138	26.9	141	23.4	187	21.8
2150	DKC26-40RIB	VT2P	Monsanto Canada Inc.	--	--	--	--	186	22.8
2150	P7527AM	YGCB/HX1/LL/RR2	DuPont Pioneer	137	26.0	189	22.9	187	24.5
2150	LR 9473 RR	RR	Delmar Commodities	161	25.9	166	23.2	142	22.6
2150	MZ 1340DBR	GENVT2P	Maizez Seeds Inc.	166	25.6	188	24.1	200	22.1
2150	A4199G2 RIB	VT2PRIB	PRIDE Seeds	150	26.9	156	23.0	161	23.6
2150	NSTRExp31086	GTCBLLBL	NorthStar Seed	--	--	149	21.3	170	25.8
2150	E46J77 R	GT	Elite	--	--	--	--	--	--
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	181	27.8	172	22.4	194	22.0
2200	PS 2320RR	RR2	DLF Pickseed Canada Inc.	187	32.3	185	25.0	208	24.2
2200	HZ 1452	Agrisure 3120 EZ	Horizon Seeds Canada Inc.	143	25.9	138	21.7	168	22.1
2200	LR 9573 VT2PRIB	VT2PRIB	Delmar Commodities	169	29.7	169	22.7	178	23.1
2200	A4415G2 RIB	VT2PRIB	PRIDE Seeds	--	--	--	--	169	22.8
2200	TH 7677 VT2P	VT2PRIB	Thunder Seed Inc.	185	28.7	167	21.9	189	23.3
2200	TH 4578 RR	RR2	Thunder Seed Inc.	178	27.7	166	23.6	205	22.8
2200	NSTRExp47068	GTCBLLBL	NorthStar Seed	--	--	163	22.7	185	21.5
2225	P7632AM	YGCB/HX1/LL/RR2	DuPont Pioneer	171	26.5	185	23.7	185	22.7
2225	E47A12 R	GENVT2P	Elite	173	30.2	177	23.4	165	23.7
2225	LR 9474 VT2PRIB	VT2PRIB	Delmar Commodities	153	31.1	166	24.2	189	23.8
2225	LR 9874 VT2PRIB	VT2PRIB	Delmar Commodities	155	27.0	161	23.8	170	22.5
2225	TH 7578 VT2P	VT2PRIB	Thunder Seed Inc.	193	30.1	166	23.2	202	22.4
2250	PV 61079 RIB	VT Double Pro RIB	Crop Production Services	161	29.7	166	24.8	178	23.8
2250	39V05	RR2	DuPont Pioneer	148	24.1	176	21.8	181	22.0
2250	HZ 1885	Agrisure 3010	Horizon Seeds Canada Inc.	165	29.5	160	23.8	173	23.5
2250	HZ 1686	Agrisure GT	Horizon Seeds Canada Inc.	172	27.8	160	24.0	176	23.6
2250	MZ 1633DBR	GENVT2P	Maizez Seeds Inc.	187	27.4	167	22.9	200	22.3
2275	PS 2333RR	RR2	DLF Pickseed Canada Inc.	183	32.2	176	26.3	210	24.0
2275	P7958AM	YGCB/HX1/LL/RR2	DuPont Pioneer	173	28.3	196	24.7	184	24.1
2275	39V09AM	YGCB/HX1/LL/RR2	DuPont Pioneer	155	26.3	172	22.3	188	23.6
2275	LR 9676 VT2PRIB	VT2PRIB	Delmar Commodities	160	25.9	171	24.2	180	22.2
2300	PS 2420RR	RR2	DLF Pickseed Canada Inc.	207	31.6	184	24.8	207	23.7
2300	PS 2444VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	192	32.8	172	24.8	183	23.7
2300	MZ 1624DBR	GENVT2P	Maizez Seeds Inc.	194	28.1	185	23.8	206	22.6
2300	NSTRExp13110	GTCBLLBL	NorthStar Seed	--	--	164	24.2	182	22.5
2325	XP17079G2	VT2P	PRIDE Seeds	188	28.6	166	23.7	192	23.0
2350	X17-3136b	GENVT2P	Elite	184	29.3	174	23.0	196	22.7
2350	HZ 675	Agrisure 3010	Horizon Seeds Canada Inc.	166	32.4	172	25.9	198	24.1
2350	TH 7681 VT2P	VT2PRIB	Thunder Seed Inc.	188	29.1	175	22.3	189	22.8
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	179	27.4	174	23.3	210	21.3
2400	DS80A27	SSX	Dow AgroSciences	168	30.8	172	26.8	190	25.2
2400	CNX160036VX	PowerCore	Dow AgroSciences	139	26.8	173	24.9	150	25.3
2400	E50P52 R	GENVT2P	Elite	179	27.7	172	22.6	185	22.8
2450	DKC33-78RIB	VT2P	Monsanto Canada Inc.	188	28.3	167	23.4	194	22.9
2450	X15014VX	PowerCore	Dow AgroSciences	150	25.5	176	26.6	186	24.3
2450	E52V92 R	GENVT2P	Elite	196	28.8	177	23.0	197	23.3
2475	DKC32-12RIB	VT2P	Monsanto Canada Inc.	194	29.1	185	22.0	190	23.0
2475	A5095G2 RIB	VT2PRIB	PRIDE Seeds	163	29.9	177	26.0	201	23.8
2475	NSTRExp23220	GTCBLL	NorthStar Seed	--	--	159	23.8	165	25.7
2500	P8387AM	YGCB/HX1/LL/RR2	DuPont Pioneer	187	30.4	167	23.3	188	24.1
2500	A5151G2 RIB	VT2PRIB	PRIDE Seeds	191	31.2	182	26.1	--	--
		<b>Site Ave</b>		168	27.9	169	23.6	182	23.2
		<b>CV%</b>		7.3	6.0	7.9	5.0	7.0	6.3
		<b>Sign Diff</b>		Yes	Yes	Yes	Yes	Yes	Yes
		<b>LSD (0.05)</b>		20	2.7	22	1.9	21	2.4
		<b>Planting Date</b>		May 8, 2017		May 13, 2017		May 12, 2017	
		<b>Harvest Date</b>		October 6, 2017		October 11, 2017		October 17, 2017	

<sup>1</sup> 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 is suitable for your growing region.

<sup>2</sup> The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, available at <http://cdnseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements.

Blanks (--) indicate that no data is available for the hybrid. The hybrid may not have been tested at the location.

**St. Pierre - Silage Corn - 2017**

**Comments:**

The data presented is for one year only. Use with caution.  
 All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.  
 Yields are corrected to 65% moisture content.  
 The Manitoba Corn Committee publishes the annual results with all yearly data in their brochure, which is available by calling the Manitoba Corn Growers Association office at 204-745-6661.  
 The brochure is also available on the MCGA website listed below  
<http://www.manitobacorn.ca>

CHU <sup>1</sup> Rating	Hybrid	Trait(s) <sup>2</sup>	Distributor	65% Yield			St. Pierre					NE/Lact Mcal/kg		
				(Mt/acre)	Moisture <sup>3</sup> (%)	Days to Silking	TDN (%)	ADF (%)	NDF (%)	Starch (%)	Milk/Acre <sup>4</sup> (lbs/ac)		Beef/Acre <sup>5</sup> (Mcal/kg)	
2100	E44H12 R	GENVT2P	Elite Seeds	14.2	65.4	77.0	65.5	31.0	53.3	9.0	12,243	1,190	0.92	1.49
2150	YUKON R	RR2	Elite Seeds	14.6	64.8	78.0	68.0	28.7	48.6	14.4	12,839	1,272	0.99	1.55
2150	NSTRExp31086	GTCBLLB	Northstar Seed Ltd.	15.2	65.6	79.7	60.2	36.0	60.5	5.5	13,498	1,176	0.76	1.36
2150	PV 60075 RIB	VT2PRIB	Crop Production Services	15.7	62.3	77.3	58.5	37.6	63.7	9.5	18,321	1,175	0.71	1.31
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	13.7	70.8	79.0	64.6	31.9	53.3	6.7	11,254	1,131	0.89	1.46
2200	PS 2320RR	RR2	DLF Pickseed Canada Inc.	13.7	68.5	77.3	64.6	31.9	55.2	6.3	11,117	1,133	0.89	1.46
2200	TH 4578 RR	RR2	Thunder Seed	14.2	67.4	79.3	64.3	32.2	55.1	9.6	13,453	1,172	0.89	1.46
2200	TH 7677 VT2P	VT2PRIB	Thunder Seed	14.6	66.2	79.0	63.1	33.3	57.7	6.8	12,763	1,181	0.85	1.43
2200	NSTRExp47068	GTCBLLB	Northstar Seed Ltd.	15.0	62.2	77.3	61.5	34.8	59.3	5.7	13,421	1,183	0.80	1.39
2200	FUSION RR	RR2	Elite Seeds	13.9	66.7	77.0	66.1	30.5	52.9	9.1	11,384	1,179	0.94	1.50
2225	TH 7578 VT2P	VT2PRIB	Thunder Seed	15.1	66.3	82.0	66.9	29.7	52.8	9.1	12,780	1,294	0.96	1.52
2250	PV 17-C1	VT2PRIB	DLF Pickseed Canada Inc.	13.9	65.4	77.7	64.3	32.2	55.6	6.9	12,344	1,145	0.89	1.46
2250	TH 4126 RR	RR2	Thunder Seed	14.3	68.5	79.0	61.1	35.2	60.6	13.9	16,314	1,119	0.79	1.38
2275	PS 2333RR	RR2	DLF Pickseed Canada Inc.	14.9	66.7	78.3	62.2	34.1	58.4	13.0	17,034	1,186	0.83	1.41
2300	LF 730CBR	GENVT3P	Maize Seeds Inc.	13.2	68.5	77.7	62.4	33.9	57.6	13.7	14,268	1,054	0.83	1.41
2300	PS 2420RR	RR2	DLF Pickseed Canada Inc.	13.9	66.3	78.0	62.1	34.3	57.4	6.3	11,610	1,108	0.82	1.40
2300	NSTRExp13110	GTCBLLB	Northstar Seed Ltd.	15.8	68.9	85.3	64.8	31.7	54.7	6.7	13,311	1,313	0.90	1.47
2300	A4705HMR	RR2	PRIDE Seeds	12.9	66.8	76.0	63.6	32.8	55.4	6.6	10,223	1,052	0.87	1.44
2300	MS 7420R	RR2	Maize Seeds Inc.	14.1	65.6	79.0	69.1	27.6	50.6	11.3	11,856	1,250	1.03	1.58
2300	PS 2444VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	13.7	71.3	80.0	62.1	34.2	58.0	7.6	13,406	1,090	0.82	1.40
2350	TH 7681 VT2P	VT2PRIB	Thunder Seed	14.5	67.7	81.3	65.2	31.3	53.7	8.6	11,733	1,212	0.91	1.48
2350	X14123VH	PowerCore	Dow AgroSciences	14.8	70.5	83.3	63.1	33.3	56.5	5.8	12,436	1,196	0.85	1.43
2350	HZ 675	Agrisure 3010	Horizon Seeds Canada Inc.	14.0	69.8	79.7	61.7	34.6	58.0	11.5	15,371	1,106	0.81	1.40
2350	LR 9579 RR	RR	Legend Seeds	12.8	70.4	79.0	60.4	35.8	61.0	10.9	13,421	991	0.77	1.36
2350	A4839G2 RIB	VT2P	PRIDE Seeds	13.8	67.3	80.0	67.1	29.5	51.1	12.8	12,408	1,186	0.97	1.53
2400	DS80A27	SSX	Dow AgroSciences	14.9	68.7	83.0	69.9	26.9	49.7	12.0	11,782	1,334	1.05	1.60
2400	CNX160036X	PowerCore	Dow AgroSciences	15.9	63.0	79.7	58.6	37.5	61.6	12.6	18,453	1,194	0.72	1.32
2400	E52532 R	VT2P	Elite Seeds	12.9	69.2	80.3	65.0	31.5	55.4	7.5	10,280	1,072	0.91	1.48
2450	ESV292 R	GENVT2P	Elite Seeds	13.1	69.5	77.7	68.0	28.7	51.6	5.8	9,422	1,145	0.99	1.55
2450	HZ 760GT	Agrisure GT	Horizon Seeds Canada Inc.	14.3	70.1	83.0	66.8	29.8	53.6	10.4	12,326	1,222	0.96	1.52
2450	X15014VX	PowerCore	Dow AgroSciences	12.7	69.9	77.7	65.3	31.2	54.7	9.9	11,174	1,060	0.92	1.48
2475	AS1047RR EDF	RR2	PRIDE Seeds	13.6	72.5	81.0	67.3	29.3	51.5	8.4	10,010	1,174	0.97	1.53
2475	NSTRExp2320	GTCBLL	Northstar Seed Ltd.	15.1	70.0	83.0	66.7	29.9	51.1	7.3	11,743	1,294	0.96	1.52
2475	DKC32-12RIB	VT2P	Monisanto Canada	14.2	67.8	78.7	62.4	34.0	57.1	5.7	12,702	1,136	0.83	1.41
2475	A5432G2 RIB	VT2P	PRIDE Seeds	14.9	68.8	85.3	62.7	33.6	56.8	7.3	13,084	1,203	0.84	1.42
2500	TMF8106RA	SSX	Dow AgroSciences	15.3	72.6	85.3	64.3	32.1	55.6	13.9	15,997	1,261	0.89	1.46
2500	VENZA R	RR2	Elite Seeds	13.7	75.2	84.7	63.6	32.8	56.6	11.7	13,250	1,120	0.86	1.44
2550	TMF66H77RA	SSX	Dow AgroSciences	14.3	74.7	86.7	69.4	27.4	47.1	11.2	10,242	1,276	1.03	1.58
2600	A5914G2 RIB	VT2P	PRIDE Seeds	12.8	75.1	81.3	67.3	29.3	52.4	9.4	9,633	1,102	0.97	1.53
2600	DKC35-38RIB	VT2P	Monisanto Canada	12.5	73.9	81.3	66.8	29.8	51.3	7.4	10,263	1,075	0.96	1.52
2600	BMR90B94	hxTRA	Dow AgroSciences	14.6	72.7	87.3	66.6	30.0	54.0	7.4	11,479	1,248	0.95	1.51
2750	TMF91Q25	SSX	Dow AgroSciences	14.6	71.0	88.7	66.8	29.8	53.1	5.8	10,654	1,253	0.96	1.52
2775	TMF94L37RA	SSX	Dow AgroSciences	14.4	70.6	86.0	67.5	29.1	49.9	8.7	10,353	1,246	0.98	1.54
2775	Site Average	CV		14.2	68.7	80.7								
		Sign Diff		8.5	4.6	2.5								
		LSD		2.0	5.2	3.3								
		Planting Date												
		Harvest Date												

May 12, 2017  
 September 19, 2017

<sup>1</sup> 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 is suitable for your growing region.  
<sup>2</sup> The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, available at <http://cstaseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements.  
<sup>3</sup> Moisture content is measured at harvest.  
<sup>4</sup> Milk per Acre was calculated using Milk 2006, a model developed by the University of Wisconsin Extension Service.  
<sup>5</sup> Beef per acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.

TDN, ADF, NDF and Starch were measured on a composite sample for each hybrid.

## Distributor Contacts for Listed Hybrids

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

<b>Distributor</b>	<b>Seed Company/Brand</b>	<b>Phone Number</b>
Crop Production Services	Proven Seed	1-403-652-5820
Delmar Commodities	Legend Seeds	1-888-974-7246
DLF Pickseed Canada Inc.	PICKSEED	1-204-633-0088
Dow AgroSciences	Dow Seeds	1-800-265-7403
DuPont Pioneer	Pioneer	1-800-265-9435
ELITE	Elite Seeds	1-800-665-5015
Horizon Seeds Canada Inc.	Horizon Seeds	1-855-983-7255
Maizex Seeds Inc.	-	1-877-682-1720
Monsanto Canada Inc.	DEKALB	1-800-667-4944
NorthStar Genetics Ltd.	-	1-204-262-2425
Northstar Seed Ltd.	-	1-800-430-5955
PRIDE Seeds	-	1-800-265-5280
Thunder Seed Canada Inc.	Thunder Seed	1-888-684-8633

## 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 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 on 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 and on the Manitoba Corn website.

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### For any questions or comments, please contact:

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