

## St. Pierre - Grain Corn Results 2016

### Comments:

The 2016 grain corn hybrid trials were tested and the data donated by the Manitoba Corn Committee. The data presented is for one year only. Use with caution. All hybrids are evaluated at a plant population of 30,000 plants per acre. Yields are corrected to 15.5% moisture content.

CHU <sup>1</sup>	Hybrid	Technology / Genetic Traits <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	116.0	20.7	67	57.3
2050	TH 7673VT2P RIB	VT2P		Thunder Seed Inc.	127.9	22.0	65	56.4
2050	P7202AM	YGCB/HX1/LL/RR2		DuPont Pioneer	107.2	20.2	65	53.3
2050	P7211HR	HX1/LL/RR2		DuPont Pioneer	143.4	21.9	65	55.4
2050	P7332R	RR2		DuPont Pioneer	169.1	23.6	67	52.5
2075	DKC 23-17RIB	GENVT2P		DEKALB	121.7	22.0	67	56.0
2100	LR9573VT2PRIB	VT2PRIB		Delmar Commodities	141.9	23.1	67	55.3
2100	TH 7574VT2P RIB	VT2P		Thunder Seed Inc.	172.7	23.4	68	55.1
2100	P7410HR	HX1/LL/RR2		DuPont Pioneer	168.0	22.0	67	53.5
2125	LR 9474VT2PRIB	VT2PRIB		Delmar Commodities	205.6	24.1	70	53.5
2150	E44A02 R	VT2P		Elite	175.5	23.7	67	54.0
2150	E46J77 R	GT		Elite	181.7	21.7	68	57.1
2150	MZ 1340DBR	GENVT2P		Maizex Seeds Inc.	158.2	23.4	66	54.0
2150	PV 60075RIB	VT Double Pro RIB		Crop Production Services Canada	149.6	24.1	66	55.4
2175	A4199G2 RIB	VT2P		PRIDE Seeds	169.7	23.8	66	54.0
2175	PS 2210VT2P RIB	GENVT2P		DLF Pickseed Canada Inc.	199.5	23.5	69	53.6
2200	DKC 27-55RIB	GENVT2P		DEKALB	139.3	24.0	67	55.3
2200	HZ 1550	Agrisure 3010		Horizon Seeds	169.9	21.8	68	57.1
2200	A4415G2 RIB	VT2P		PRIDE Seeds	143.6	23.1	67	56.0
2200	LR 9676VT2PRIB	VT2PRIB		Delmar Commodities	149.3	23.5	68	54.8
2200	TH4578	RR		Thunder Seed Inc.	175.9	22.1	69	54.2
2200	TH 7677VT2P RIB	VT2P		Thunder Seed Inc.	180.1	26.3	70	53.4
2200	PS 2320RR	RR2		DLF Pickseed Canada Inc.	148.2	24.5	68	53.3
2225	TH 7578VT2P RIB	VT2P		Thunder Seed Inc.	168.1	22.8	70	53.0
2225	P7632AM	YGCB/HX1/LL/RR2		DuPont Pioneer	180.1	24.8	69	52.8
2225	E47A12 R	VT2P		Elite	172.2	26.5	70	52.2
2250	HZ 1885	Agrisure 3010		Horizon Seeds	177.0	23.9	71	54.6
2250	39V05	RR2		DuPont Pioneer	164.1	23.4	68	55.0
2250	MZ 1633DBR	GENVT2P		Maizex Seeds Inc.	164.0	24.8	70	53.6
2250	4085	HXT/LL/RR		DOW Seeds	193.1	25.4	70	53.2
2250	X14123VH	B/RR		DOW Seeds	166.3	27.7	71	49.6
2250	NSG EXP-GT75	GT		NorthStar Genetics	135.1	22.6	70	53.4
2275	P7958AM	YGCB/HX1/LL/RR2		DuPont Pioneer	143.2	24.2	70	54.0
2275	39V09AM	YGCB/HX1/LL/RR2		DuPont Pioneer	163.2	25.1	68	53.0
2275	PS 2348VT2P RIB	GENVT2P		DLF Pickseed Canada Inc.	174.7	24.0	69	54.4
2300	A4631G2 RIB	VT2P		PRIDE Seeds	164.2	23.3	70	54.1
2300	MZ 1624DBR	GENVT2P		Maizex Seeds Inc.	164.5	23.0	70	55.0
2300	4093	HXT/LL/RR		DOW Seeds	178.1	25.1	70	53.6
2300	DS80A27	SSX		DOW Seeds	183.0	25.2	70	51.6
2300	X15014VX	B/RR		DOW Seeds	196.9	26.2	70	52.2
2300	X15102VX	B/RR		DOW Seeds	150.6	22.6	71	52.8
2300	NSG EXP-GT76	GT		NorthStar Genetics	141.9	23.9	69	52.7
2325	E49A12 R	VT2P		Elite	193.3	24.3	70	52.9
2350	HZ 675	Agrisure 3010		Horizon Seeds	167.7	24.9	69	53.1
2350	A4939G2 RIB	VT2P		PRIDE Seeds	191.3	26.1	71	52.2
2350	TH 7681VT2P RIB	VT2P		Thunder Seed Inc.	182.2	24.9	69	52.6
2350	NSG EXP-GT78	GT		NorthStar Genetics	144.2	23.9	70	53.1
2375	HZ 730GT	GT		Horizon Seeds	158.5	22.2	69	52.7
2375	A5095G2 RIB	VT2P		PRIDE Seeds	173.8	25.5	69	52.4
2400	E50P52 R	VT2P		Elite	179.4	24.4	69	54.0
2450	DKC 32-12RIB	GENVT2P		DEKALB	198.3	24.3	69	53.5
2450	NSG EXP-GTCBLL80	GT		NorthStar Genetics	180.2	24.9	70	54.8
2450	NSG EXP-GT80	GT, CB, LL		NorthStar Genetics	149.6	23.6	68	54.5
2475	P8210HR	HX1/LL/RR2		DuPont Pioneer	158.9	22.7	69	53.4
<b>Site Average</b>					<b>163.7</b>	<b>23.7</b>	<b>68.6</b>	<b>53.6</b>
<b>CV%</b>					<b>9.0</b>	<b>5.0</b>	<b>1.4</b>	<b>6.3</b>
<b>Sign Diff</b>					<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>LSD (0.05)</b>					<b>24.0</b>	<b>1.9</b>	<b>1.5</b>	<b>5.5</b>
<b>Planting Date</b>					<b>May 17, 2016</b>			
<b>Harvest Date</b>					<b>October 14, 2016</b>			

<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 will mature in your area. Moisture content at harvest, density, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

<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. BT, HX1, CB, YGCB, VT2PRIB - resistance to European corn borer; RR, RR2, GT - glyphosate herbicide tolerant; LL - Liberty herbicide tolerant.