

## St. Pierre - Silage Corn Results 2016

### Comments:

The silage corn hybrid trial was tested and the data donated by the Manitoba Corn Committee.

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

All hybrids were evaluated at a plant population of 30,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 65% moisture content.

CHU <sup>1</sup>	Hybrid	Genetic Traits <sup>2</sup>	Distributor	St. Pierre								
				65% Yield (Mt/ac)	Moisture <sup>3</sup> (%)	TDN (%)	ADF (%)	NDF (%)	NE/Gain (Mcal/kg)	NE/Lact (Mcal/kg)	Milk/Acre <sup>4</sup> (lbs/ac)	Beef/Acre <sup>5</sup> (lbs/ac)
2125	A4177G3 RIB	VT3P	PRIDE Seeds	19.5	59.8	60.96	35.27	57.64	0.79	1.38	17,845	1,524
2150	YUKON R	RR2	ELITE	21.9	66.2	63.20	33.17	54.66	0.85	1.43	19,080	1,773
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed	23.8	66.2	67.38	29.26	49.67	0.98	1.53	21,039	2,060
2200	A4415G2 RIB	VT2P	PRIDE Seeds	19.8	61.2	61.48	34.78	55.88	0.80	1.39	16,915	1,564
2200	LR 9676VT2PRIB	VT2PRIB	Legend Seeds	18.5	64.3	67.50	29.15	48.29	0.98	1.54	15,848	1,599
2200	TH4578	RR	Thunder Seeds	24.6	58.0	64.11	32.32	53.64	0.88	1.45	23,638	2,026
2200	TH7677	VT2P	Thunder Seeds	25.5	64.8	68.02	28.66	48.03	0.99	1.55	23,762	2,225
2200	FUSION RR	RR2	ELITE	20.3	67.1	62.28	34.03	55.05	0.83	1.41	16,146	1,624
2200	E47A17 R	RR2	ELITE	21.5	67.5	67.37	29.27	50.61	0.98	1.53	20,756	1,855
2200	PS 2320RR	RR2	DLF Pickseed	24.2	64.5	68.75	27.98	47.97	1.02	1.57	19,456	2,130
2200	V30787	RR	Northstar Seeds	21.1	58.9	66.80	29.80	47.84	0.96	1.52	19,429	1,810
2225	TH7578	VT2P	Thunder Seeds	21.9	63.7	65.20	31.30	53.02	0.91	1.48	20,541	1,831
2250	HZ 1885	Agrisure 3010	Horizon Seeds	19.2	67.4	68.32	28.38	47.88	1.00	1.56	19,126	1,686
2250	LR 9579RR	RR2	Legend Seeds	19.6	66.8	57.89	38.14	60.63	0.69	1.30	18,843	1,454
2250	TH4126	RR	Thunder Seeds	23.0	67.0	70.20	26.62	45.46	1.06	1.60	20,750	2,069
2250	MZ 1482R	RR	MAIZEX	18.9	57.7	60.53	35.67	58.40	0.77	1.37	18,633	1,465
2250	X14123VH	B/RR	DOW Seeds	24.1	66.4	69.14	27.61	46.62	1.03	1.58	22,256	2,140
2250	4085	HXT/LL/RR	DOW Seeds	22.0	67.4	75.54	21.62	33.40	1.20	1.73	18,533	2,133
2300	A4705HMRR	RR2	PRIDE Seeds	19.7	66.1	63.98	32.44	55.21	0.88	1.45	16,673	1,619
2300	LF 730CBR	GENVT3P	MAIZEX	21.5	66.4	61.12	35.12	56.88	0.79	1.38	18,867	1,690
2300	DS80A27	SSX	DOW Seeds	22.8	65.6	77.26	20.01	36.93	1.25	1.78	20,925	2,258
2350	HZ 675	Agrisure 3010	Horizon Seeds	22.9	69.1	66.85	29.75	48.74	0.96	1.52	19,829	1,961
2350	A4939G2 RIB	VT2P	PRIDE Seeds	20.6	69.3	65.87	30.67	51.08	0.93	1.50	19,556	1,744
2350	TH 7681	VT2P	Thunder Seeds	24.5	64.2	68.23	28.46	48.18	1.00	1.55	21,379	2,149
2375	HZ 730GT	GT	Horizon Seeds	22.2	56.1	60.91	35.31	57.18	0.79	1.38	20,976	1,738
2375	A5095G2 RIB	VT2P	PRIDE Seeds	21.1	67.0	68.02	28.66	47.23	0.99	1.55	17,269	1,841
2400	HX 13103T	3000GT	Horizon Seeds	22.7	60.0	61.20	35.04	56.96	0.79	1.38	20,768	1,784
2400	HX 15203T	3000GT	Horizon Seeds	24.6	63.0	67.39	29.25	48.99	0.98	1.53	21,494	2,132
2400	AS1047RR EDF	RR2	PRIDE Seeds	22.9	69.8	66.90	29.71	50.54	0.96	1.52	19,299	1,962
2400	E50P52 R	VT2P	ELITE	23.4	64.5	67.16	29.46	48.82	0.97	1.53	21,226	2,014
2425	TMF8106	SSX	DOW Seeds	22.9	70.7	62.84	33.51	54.34	0.84	1.42	22,102	1,843
2450	DKC 32-12RIB	GENVT2P	DEKALB	25.8	62.5	68.81	27.92	48.01	1.02	1.57	23,506	2,281
2475	A5433G3 RIB	VT3P	PRIDE Seeds	22.2	68.8	55.43	40.44	64.18	0.62	1.24	27,119	1,575
2475	PS 2552RR	RR2	DLF Pickseed	21.1	67.3	65.96	30.59	49.71	0.94	1.50	20,009	1,785
2475	TMF86H77	SSX	DOW Seeds	25.2	67.2	71.24	25.65	43.98	1.09	1.63	22,491	2,309
2500	VENZA R	RR2	ELITE	25.1	68.4	60.61	35.59	58.95	0.78	1.37	25,110	1,951
2525	TMF91Q25	SSX	DOW Seeds	23.6	71.0	73.83	23.22	43.03	1.16	1.69	20,634	2,239
2550	X14008GH	B/RR	DOW Seeds	25.9	64.9	66.31	30.26	50.17	0.95	1.51	23,770	2,200
2600	X14225SX	SSX	DOW Seeds	23.2	67.8	71.39	25.51	43.59	1.09	1.63	21,775	2,123
2600	F2F298	HX1/LL/RR	DOW Seeds	22.2	68.4	69.77	27.02	46.98	1.04	1.59	18,134	1,988
2650	DKC 37-93RIB	GENVT2P	DEKALB	23.4	66.3	66.68	29.91	49.77	0.96	1.52	22,922	2,005
2650	E57L62 R	VT2P	ELITE	24.0	71.6	67.06	29.56	49.33	0.97	1.53	23,546	2,065
2650	TMF94L37	SX	DOW Seeds	27.9	67.0	71.15	25.73	44.72	1.08	1.63	23,069	2,544
2700	TH4188	RR	Thunder Seeds	21.7	68.1	61.95	34.34	56.34	0.82	1.40	18,123	1,726
<b>Site Average</b>				22.4	65.4							
<b>CV</b>				12.0	5.5							
<b>Sign Diff</b>				<b>YES</b>	<b>YES</b>							
<b>LSD</b>				4.4	5.9							
<b>Planting Date</b>				May 17, 2016								
<b>Harvest Date</b>				September 22, 2016								

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

<sup>3</sup> Moisture content 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.