



SILAGE CORN

St. Pierre 2022

The silage corn hybrid trials were tested and the data released by the Manitoba Corn Committee (MCC).
 The data presented here is for one year only. Use with CAUTION!
 A target plant population of 32,000 plants per acre.
 Yields are corrected to 65% moisture.

CHU ¹ Rating	Hybrid	Technology/ Genetic Trait ²	Distributor	St. Pierre 2022									
				65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk	TDN (%)	ADF (%)	NDF (%)	Milk/Acre ⁴ (lbs/ac)	Beef/Acre ⁵ (lbs/ac)	NE/Gain Mcal/kg	NE/Lact Mcal/kg
2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN	15.7	67.8	69	67.2	29.4	49.5	18270	1353	0.97	1.53
2150	TH4076 HDRR	RR2	Thunder Seed	16.2	69.6	70	68.5	28.3	49.6	17544	1423	1.01	1.56
2150	9135	RR2	Northstar Genetics	17.2	67.0	71	65.4	31.1	55.8	19007	1445	0.92	1.49
2150	AS1017RR EDF	RR2	PRIDE Seeds	17.8	62.7	71	67.4	29.3	51.4	18044	1536	0.98	1.53
2200	CSX22077A/RR	RR	CROPLAN	16.4	67.0	71	68.3	28.4	51.8	17390	1432	1.00	1.56
2200	PS 2320RR	RR2	DLF PICKSEED	16.0	67.6	69	70.2	26.6	48.4	21203	1438	1.06	1.60
2200	PV 61175RR	RR2	Proven Seed	18.4	67.5	71	66.5	30.1	47.2	17275	1574	0.95	1.51
2225	TH6278 VT2P	VT2P	Thunder Seed	17.9	67.0	70	71.7	25.2	44.7	17706	1646	1.10	1.64
2250	M5 8022R	RR2	Maizex Seeds	18.4	69.9	68	69.9	26.9	47.3	19603	1653	1.05	1.60
2250	BY Brava RR2	RR2	BrettYoung	19.0	70.0	70	70.5	26.4	45.3	21236	1718	1.06	1.61
2250	HZ 1685	Agrisure Viptera 3110	Horizon Seeds	15.8	71.4	72	68.9	27.9	47.4	16790	1394	1.02	1.57
2250	Riel	GT	Greenfield Genetics	16.9	69.0	68	71.9	25.1	45.2	17256	1556	1.10	1.64
2275	PS 2333RR	RR2	DLF PICKSEED	16.2	69.2	68	67.5	29.2	50.1	19392	1405	0.98	1.54
2300	TH6180 VT2P	VT2P	Thunder Seed	17.9	64.1	68	69.3	27.4	48.1	19944	1592	1.03	1.58
2300	X22080A/VT2P	VT2P/RIB	CROPLAN	16.7	69.9	70	71.1	25.8	46.5	16575	1525	1.08	1.63
2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN	15.8	66.2	70	64.8	31.7	52.1	15610	1313	0.90	1.47
2300	HZ 1710	Agrisure 3010	Horizon Seeds	19.8	68.8	71	66.0	30.5	52.7	22518	1678	0.94	1.50
2300	A4705HMRR	RR2	PRIDE Seeds	18.5	68.1	69	69.5	27.2	50.7	18515	1647	1.04	1.59
2300	Ranger	GT	Greenfield Genetics	14.7	68.9	70	68.8	27.9	50.4	15645	1299	1.02	1.57
2325	PS 2495RR	RR2	DLF PICKSEED	19.9	66.4	70	64.7	31.8	52.5	20420	1652	0.90	1.47
2325	9285	RR2	Northstar Genetics	19.5	67.8	76	68.8	27.9	53.8	17878	1719	1.02	1.57
2325	DKC30-63RIB	VT2P	DEKALB	17.4	66.9	72	64.3	32.1	57.7	16406	1435	0.89	1.46
2350	NK7837-V	Agrisure Viptera	NK	16.6	68.9	71	68.4	28.3	52.7	15242	1453	1.01	1.56
2350	PV 621815RIB	VT2P	Proven Seed	16.7	70.1	67	69.9	27.0	45.0	15472	1494	1.05	1.59
2350	HZ 675	Agrisure 3010	Horizon Seeds	17.1	71.4	72	68.5	28.2	47.4	17145	1506	1.01	1.56
2350	AS1027RR EDF	RR2	PRIDE Seeds	18.1	67.8	74	74.1	23.0	41.9	18350	1723	1.16	1.70
2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds	17.1	67.2	68	71.6	25.3	44.4	18013	1567	1.10	1.64
2400	9325	RR2	Northstar Genetics	19.7	71.4	78	67.0	29.1	56.6	17159	1710	0.98	1.54
2400	NK8005-V	Agrisure Viptera	NK	15.9	69.1	71	62.0	34.3	56.7	16331	1266	0.82	1.40
2400	AS1047RR EDF	RR2	PRIDE Seeds	19.5	70.1	73	66.5	30.1	50.0	18684	1660	0.95	1.51
2425	DKC31-85RIB	VT2P	DEKALB	16.5	69.0	72	68.4	28.3	48.9	17791	1450	1.01	1.56
2450	MS 8270R	RR2	Maizex Seeds	20.0	67.4	73	70.9	26.0	46.3	23328	1818	1.07	1.62
2450	TH6183 VT2P	VT2P	Thunder Seed	16.8	69.1	70	70.4	26.4	46.2	17969	1516	1.06	1.61
2450	CP2288VT2P/RIB	VT2P/RIB	CROPLAN	16.9	68.9	71	72.9	24.1	43.6	19722	1580	1.13	1.67
2450	PS ExSeed LF RR	RR2	DLF PICKSEED	17.8	72.9	76	69.5	27.2	53.5	15722	1585	1.04	1.59
2450	BY Belmont RR2	RR2	BrettYoung	22.1	65.2	72	69.0	27.8	49.2	23031	1956	1.02	1.57
2450	HZ 2220	Agrisure 3010	Horizon Seeds	17.6	71.1	71	67.8	28.9	47.6	20162	1532	0.99	1.54
2475	X22084A/VT2P	VT2P/RIB	CROPLAN	14.9	71.5	70	72.5	24.5	44.3	16654	1383	1.12	1.66
2500	CP2315VT2P/RIB	VT2P/RIB	CROPLAN	17.4	69.1	71	70.5	26.4	43.8	18515	1577	1.06	1.61
2500	CP2585VT2P/RIB	VT2P/RIB	CROPLAN	17.0	72.5	73	70.2	26.6	46.2	17739	1534	1.06	1.60
2500	DKC33-37RIB	VT2P	DEKALB	18.0	67.9	71	69.5	27.3	49.1	18819	1600	1.04	1.59
2525	PS ExAmine LFF RR	RR2	DLF PICKSEED	18.2	68.8	76	61.9	34.4	57.9	18363	1446	0.81	1.40
2550	MS 8632R	RR2	Maizex Seeds	19.4	71.2	76	67.7	29.0	49.5	19160	1682	0.99	1.54
2550	TH6185 VT2P	VT2P	Thunder Seed	17.2	69.1	72	69.7	27.1	46.0	18776	1542	1.04	1.59
2550	PV 62485RIB	VT2P	Proven Seed	15.5	69.4	72	71.3	25.6	45.1	15569	1415	1.09	1.63
2575	DKC34-57RIB	VT2P	DEKALB	17.8	68.6	72	68.4	28.3	50.4	19755	1557	1.00	1.56
2600	TH4386 HDRR	RR2	Thunder Seed	18.4	68.6	76	61.2	35.0	59.3	18147	1446	0.80	1.38
2600	CSX22086A/RR	RR	CROPLAN	19.2	67.0	76	69.4	27.4	49.1	20118	1714	1.03	1.58
2600	DKC36-48RIB	VT2P	DEKALB	22.1	66.1	72	69.9	26.9	45.8	21645	1984	1.05	1.59
2600	Maxx	GT	Greenfield Genetics	16.3	72.8	75	61.8	34.5	57.4	16361	1296	0.81	1.40
2650	CP2790VT2P/RIB	VT2P/RIB	CROPLAN	19.5	68.4	71	73.7	23.3	41.9	20221	1846	1.15	1.69
2650	X22087A/VT2P	VT2P/RIB	CROPLAN	18.5	70.1	74	67.9	28.8	47.3	19461	1612	0.99	1.55
2650	NK8519-DV	Agrisure Duracade/Agrisure Viptera	NK	16.7	70.8	77	67.3	29.3	56.3	13989	1438	0.97	1.53
2650	NK8618-D	Agrisure Duracade	NK	19.1	66.9	75	63.5	32.9	55.4	21790	1553	0.86	1.44
2650	NK8760-V	Agrisure Viptera	NK	18.0	70.0	74	67.6	29.1	50.1	19718	1562	0.98	1.54
2675	CP2845VT2P/RIB	VT2P/RIB	CROPLAN	15.7	72.8	72	67.9	28.8	47.8	17405	1367	0.99	1.55
2700	HZ 3020	Agrisure GT	Horizon Seeds	17.9	70.7	76	67.2	29.4	50.6	19206	1547	0.97	1.53
2725	DKC39-55RIB	VT2P	DEKALB	19.5	68.5	74	69.8	27.0	44.5	18375	1744	1.05	1.59
2750	LFG 8755R	RR2	Maizex Seeds	18.6	72.7	81	62.9	33.5	55.1	17468	1498	0.85	1.42
2750	NK9175-DV	Agrisure Duracade/Agrisure Viptera	NK	18.5	72.4	77	70.7	26.2	45.5	19408	1674	1.07	1.62
2750	HZ 878	Agrisure Viptera 3220 EZR	Horizon Seeds	21.8	69.9	76	66.8	29.8	54.9	21103	1867	0.96	1.52
2750	Prime	3000 GT	Greenfield Genetics	18.3	73.8	76	67.5	29.1	50.0	16637	1586	0.98	1.54
2750	Dalton	3010	Greenfield Genetics	20.3	68.0	75	65.1	31.4	53.5	21000	1698	0.91	1.48
			Mean	17.8	69.1	72							
			CV	10.0	3.4	1.46							
			LSD (0.05)	2.9	3.8	2							
			Sign. Diff.	Yes	Yes	Yes							
			N =	64		64							
			Planting Date:	May 27, 2022									
			Harvest Date:	September 22, 2022									

¹ 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 suitable to your growing region.
² Seeds Canada provides a database for corn hybrids available in Canada at <https://seeds-canada.ca/corn-hybrid-database>. Information provided includes technology, brand name and refuge requirements.
³ Moisture content at harvest.
⁴ Milk per Acre was calculated using MILK2006, a model developed by the University of Wisconsin Extension Service.
⁵ Beef per Acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.