

SILAGE CORN

Comments:

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.

All hybrids were evaluated at a target plant population of 32,000 plants per acre.

Yields are corrected to 65% moisture.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure. The brochure is available by calling the Manitoba Crop Alliance office at 204-745-6661 or visiting their website at mbcropalliance.ca

CHU ¹ Rating	Hybrid	Trait ²	Elm Creek								St Pierre							
			65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/ Acre ⁴ (lbs/ac)	Beef/ Acre ⁵ (lbs/ac)	65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/ Acre ⁴ (lbs/ac)	Beef/ Acre ⁵ (lbs/ac)
2050	CX25071A/VT2P	6	19.3	61.3	73	80.6	16.9	36.2	19633	2541	20.4	70.8	74	74.2	22.9	44.2	21407	2804
2150	CP1440VT2P	4	21.3	67.0	74	77.4	19.9	38.0	21652	2126	20.0	65.4	77	72.7	24.3	44.4	20215	2288
2150	913S	6	19.6	69.0	74	71.8	25.1	44.4	22268	2249	20.5	67.0	74	73.1	23.9	44.0	22670	2558
2200	AS1018G2 EDF	4	19.3	65.0	76	75.2	22.0	41.2	21413	2341	23.2	72.9	73	77.3	20.0	39.4	26452	3328
2200	MS 7711R	6	24.6	64.0	74	67.9	28.8	53.0	28857	2271	23.2	70.0	73	78.1	19.2	37.1	28318	3576
2225	TH6678 VT2P	30	25.0	69.9	74	76.2	21.0	39.9	26290	2635	23.2	69.8	76	76.0	21.2	41.7	21583	2502
2225	PV 61677SRIB	30	25.2	67.0	74	74.9	22.2	42.6	29631	2620	23.1	67.8	73	79.9	17.5	35.8	26318	3578
2225	HZ 1435	4	17.1	68.5	74	64.9	31.5	59.5	21108	1652	20.7	68.5	77	75.3	21.9	42.3	26476	3223
2225	TH4678 RR	6	24.0	72.4	75	72.7	24.3	45.6	27722	2297	25.9	68.8	78	77.2	20.0	39.9	26376	3022
2225	TH6477 PC	6	24.3	68.4	76	72.7	24.3	43.7	23148	2215	21.4	70.8	77	68.4	28.3	49.5	23630	2401
2250	MS 8022R	4	22.6	68.4	72	78.9	18.5	35.5	24593	2449	24.3	73.3	73	72.2	24.7	45.3	27421	2986
2250	MS 7822DBR	4	23.6	68.3	73	78.0	19.3	37.4	26462	2654	25.8	67.9	73	81.2	16.3	34.8	27646	3683
2250	PV 61578SRR	4	24.2	67.8	75	77.8	19.5	37.9	26439	2701	25.6	68.7	76	79.4	18.1	36.5	27260	3180
2250	BYM2527002TR	4	22.7	70.0	73	70.9	25.9	46.3	21838	2015	25.3	73.3	74	75.2	22.0	41.4	26000	3068
2250	BYM2528003TV	6	24.0	69.3	75	71.7	25.2	47.5	26011	2137	24.4	66.7	76	69.5	27.3	47.9	26825	2950
2250	BY Brava RR2	4	23.5	70.1	75	73.9	23.1	42.2	19597	1898	23.3	67.5	74	77.6	19.7	38.9	26038	2956
2250	BY Guernsey V2TP	6	25.3	65.7	74	83.3	14.3	32.1	24996	3077	24.3	68.6	74	80.7	16.8	36.1	25145	3394
2275	924S	4	24.8	69.3	80	70.2	26.7	48.6	22868	2069	25.6	68.2	81	74.5	22.6	43.4	28570	3439
2300	TH6180 VT2P	6	19.8	70.8	74	74.1	22.9	43.5	20835	1753	23.7	69.7	73	72.6	24.3	45.4	25111	2889
2350	AS1028G2 EDF	19	23.5	65.3	74	77.0	20.2	37.8	25812	2605	22.6	72.7	73	76.4	20.8	41.5	25260	2983
2350	HZ 1831	6	17.9	72.7	75	74.5	22.6	42.2	17572	1723	20.0	67.1	75	70.8	26.0	47.2	22778	2505
2375	DLF 2333RR	4	19.8	68.3	73	73.9	23.2	44.2	16876	1816	21.0	69.9	73	72.8	24.2	44.2	20731	2240
2375	CP2130VT2P	6	20.7	66.1	75	76.0	21.2	38.8	22358	2263	24.1	69.8	76	72.9	24.1	45.0	26468	3141
2400	932S	4	21.7	73.9	81	71.9	25.0	44.0	17853	1659	21.9	65.8	79	68.8	27.9	50.0	25549	2738
2400	AS1058G2 EDF RIB	4	23.5	70.5	80	75.7	21.5	41.7	23179	2270	25.8	69.3	77	73.2	23.9	45.1	25815	2976
2400	G3201 VT2Pro	4	25.3	68.1	76	75.8	21.3	40.0	27343	2713	25.0	71.2	79	76.1	21.1	41.4	28850	3351
2400	AS175G2 RIB	6	19.7	66.3	74	78.9	18.5	36.1	21818	2209	20.9	71.3	74	77.5	19.8	39.4	24741	3227
2400	NS EXP89F	6	18.7	73.9	84	73.1	23.9	44.9	15253	1559	22.1	67.2	80	72.2	24.8	45.2	24452	2748
2400	AS1047RR EDF	6	22.4	72.9	75	76.0	21.2	41.1	18576	2130	23.0	70.6	75	75.9	21.3	41.4	23582	2812
2425	951S	4	18.9	73.3	89	74.7	22.4	43.5	13297	1589	24.2	70.6	86	76.2	21.0	40.8	24054	2750
2425	948S	4	20.7	75.2	88	69.3	27.5	49.3	19399	1747	24.7	66.8	86	71.9	25.0	46.2	25045	2731
2425	DLF 2495RR	4	25.6	65.7	73	75.8	21.4	40.7	31139	2662	21.3	70.4	73	69.9	26.9	48.2	20816	2129
2450	BY Belmont RR2	4	20.9	68.8	74	74.1	23.0	45.5	25824	2180	23.4	66.7	75	72.5	24.5	44.4	26631	3004
2450	CP2288VT2P	4	22.5	68.0	76	72.6	24.4	47.8	22618	1882	23.6	64.8	76	73.1	23.9	45.0	27230	3166
2450	DKC081-18RIB	4	21.4	66.6	73	62.5	33.8	60.2	24259	1832	22.4	69.4	74	74.4	22.7	42.6	27185	3358

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2450	HZ 2225	6	24.0	70.1	78	60.8	35.5	60.4	20250	1467	23.6	72.0	79	77.5	19.8	39.3	26959	3516
2450	MS 8270R	6	23.2	71.8	77	72.6	24.4	47.9	26200	2181	26.3	72.1	77	68.7	28.1	50.8	28127	2888
2475	PV 62683SRIB	34	25.2	67.8	77	76.9	20.4	39.2	24676	2431	26.0	69.3	73	76.6	20.6	39.8	27760	3217
2475	TH8483 DV	6	18.6	68.8	75	69.8	27.0	51.9	21406	1728	19.6	72.4	75	75.3	21.8	43.2	23403	2865
2500	CX25083A/VT2P	8	21.6	66.9	74	75.5	21.6	39.7	23483	2267	16.5	68.7	74	76.9	20.3	39.4	18656	2310
2500	CP2324VT2P	6	18.3	72.0	76	74.1	23.0	44.5	20024	1684	23.1	69.9	73	75.5	21.6	40.6	28857	3475
2500	DKC33-37RIB	6	20.7	69.2	74	77.4	19.9	37.6	22254	2205	24.9	72.0	74	70.4	26.4	46.9	28126	3231
2500	CP2585SS	6	21.0	72.5	80	75.3	21.9	43.8	21955	1859	21.9	68.0	77	77.8	19.5	38.5	23602	2817
2550	TH6185 VT2P	14	22.0	68.1	74	76.8	20.4	38.4	23026	2240	23.5	67.1	75	75.7	21.5	41.4	29165	3482
2550	HZ 2511	4	22.0	71.4	81	77.6	19.7	37.9	21848	2172	24.3	70.7	81	73.4	23.6	45.5	28159	3332
2550	MS 8632R	4	26.7	70.1	78	73.9	23.1	43.6	24025	2399	25.9	69.5	79	74.6	22.5	43.0	26274	2816
2550	DLF ExSeed LF RR	6	21.7	72.9	80	72.4	24.5	44.2	19298	1821	24.5	67.0	80	76.8	20.4	40.2	27334	3248
2600	DKC36-48RIB	6	22.9	68.6	76	78.6	18.8	36.2	22446	2229	24.5	70.2	77	80.8	16.7	34.9	29724	3930
2625	CP2585VT2P	6	22.5	69.7	79	67.8	28.8	53.5	21406	1685	23.4	69.8	78	74.3	22.8	43.8	25043	3153
2625	A5424G2 RIB	6	20.8	70.0	76	72.3	24.7	46.7	22817	1885	20.6	68.1	76	72.0	24.9	46.5	22376	2642
2625	CP2790VT2P	6	21.7	71.3	78	76.6	20.6	42.0	25779	2231	22.4	72.1	76	73.8	23.2	44.0	26172	3053
2625	X25086A/VT2P	6	19.4	71.8	77	80.7	16.8	33.3	21045	2164	24.6	69.2	79	76.7	20.5	39.3	27352	3200
2650	CX25087A/VT2P	4	24.6	68.4	75	73.3	23.8	43.4	25066	2350	22.4	69.6	79	75.2	21.9	41.8	25559	3124
2650	A5686G2 RIB	6	23.3	69.2	74	74.4	22.7	41.3	20085	1979	23.5	70.0	75	72.5	24.5	44.3	27128	3015
2650	CP2732SRR	6	24.0	71.5	79	72.3	24.7	47.3	24153	1998	22.9	71.1	78	79.3	18.1	37.3	24272	2908
2675	HZ 2910	28	24.6	71.1	82	74.2	22.9	41.7	22557	2179	24.0	68.3	78	70.0	26.8	48.2	27046	3086
2675	DKC088-04RIB	32	22.2	71.2	78	72.2	24.7	43.3	19140	1813	23.4	68.1	78	71.8	25.1	45.4	25606	2801
2700	HZ 3010	33	22.7	69.1	75	79.6	17.8	35.8	24025	2425	24.0	68.9	80	74.2	22.9	42.6	28893	3397
2725	HZ 3386	33	25.3	72.7	81	70.5	26.4	50.3	24243	1969	26.5	70.3	81	72.3	24.7	44.2	27905	3050
Mean			22.2	69.4	76						23.3	69.4	76					
CV %			9.8	3.1	1.4						11.1	4.4	1.2					
LSD (0.05)			3.5	3.5	2						4.2	5.0	12					
Sign Diff			Yes	Yes	Yes						Yes	Yes	Yes					
Planting Date			12-May								14-May							
Harvest Date			16-Sep								3-Oct							

¹Each 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.

²See table below for explanation of codes for special genetic traits. Although the Manitoba Corn Committee believes that information contained in this report is accurate, growers are advised to consult dealers of the respective hybrids before making purchasing or management decisions. Seeds Canada provides a database for corn hybrids available in Canada at seeds-canada.ca/corn-hybrid-database. Information provided includes technology, brand name and refuge requirements.

³Moisture content at harvest.

⁴Milk per Acre was calculated using MILK2006, a model developed by the University of Wisconsin Extension Service.

⁵Beef per Acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.

Explanation of Codes for Special Genetic Traits			
Code	GM Traits	Code	GM Traits
4	Roundup Ready Corn 2	28	Agrisure Above
6	VT Double PRO	30	PowerCore Enlist (PCE)
8	SmartStax	32	Trecepta
14	Agrisure GT	33	Duracade
19	Agrisure GT/CB/LL or Agrisure 3010	34	Duracade Viptera