



# SILAGE CORN

## Arborg 2023

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 <sup>1</sup> Rating	Hybrid	Technology/ Genetic Trait <sup>2</sup>	Distributor	Arborg 2023									
				65% Yield (Mt/ac)	Moisture <sup>3</sup> (%)	50% Silk	TDN (%)	ADF (%)	NDF (%)	Milk/Acre <sup>4</sup> (lbs/ac)	Beef/Acre <sup>5</sup> (lbs/ac)	NE/Gain Mcal/kg	NE/Lact Mcal/kg
1925	TH6370 VT2P	VT2P	Thunder Seed	14.9	43.6	70	73.3	23.7	44.2	18187	1399	1.14	1.68
2000	M5 6960R	RR2	Maizex Seeds Inc.	11.3	49.8	71	65.8	30.8	53.6	14191	954	0.93	1.49
2025	CX23072A/VT2P	VT2P/RIB	WinField United (CROPLAN)	13.6	60.3	76	74.7	22.4	41.8	16667	1305	1.18	1.71
2075	DKC21-36RIB	VT2P	Bayer Crop Science (DEKALB)	11.9	47.6	71	74.6	22.5	41.9	14338	1139	1.18	1.71
2075	EXP072-23	VT2P	Bayer Crop Science (DEKALB)	13.0	54.5	71	73.1	23.9	44.3	15667	1216	1.14	1.67
2100	PV 60273RIB	VT2PRO	Nutrien Ag Solutions (Proven Seed)	15.6	50.2	71	78.0	19.3	38.3	19083	1564	1.27	1.79
2100	Rustler	GT	Fraser Seeds (Greenfield Genetics)	12.7	52.8	73	73.5	23.5	43.6	15404	1200	1.15	1.69
2100	CP1440VT2P/RIB	VT2P/RIB	WinField United (CROPLAN)	15.6	57.2	72	79.3	18.1	35.4	19328	1587	1.30	1.83
2100	CSX22077A/RR	RR	WinField United (CROPLAN)	15.0	56.6	73	72.8	24.2	44.2	18474	1400	1.13	1.67
2100	DKC24-06RIB	VT2P	Bayer Crop Science (DEKALB)	13.9	52.8	72	75.3	21.8	41.3	16951	1341	1.20	1.73
2150	913S	RR	NorthStar Genetics	15.7	57.6	75	71.4	25.5	45.6	19143	1434	1.09	1.63
2150	MZ 1340DBR	VT2P	Maizex Seeds Inc.	13.4	49.9	71	77.7	19.6	37.9	16629	1337	1.26	1.79
2200	PV 61175RR	RR2	Nutrien Ag Solutions (Proven Seed)	14.3	57.6	73	75.5	21.7	40.6	17255	1382	1.20	1.73
2200	Riel	GT	Fraser Seeds (Greenfield Genetics)	16.5	58.3	71	71.7	25.3	45.9	20531	1516	1.10	1.64
2200	DLF 2320RR	RR2	DLF Canada Inc.	13.2	53.2	72	73.0	24.0	43.5	16309	1232	1.14	1.67
2200	AS1018G2 EDF	VT2P	PRIDE Seeds	17.6	48.5	71	75.8	21.4	41.2	21702	1712	1.21	1.74
2200	M5 7420R	RR2	Maizex Seeds Inc.	13.5	48.5	71	67.3	29.3	51.7	16352	1164	0.98	1.53
2225	TH6278 VT2P	VT2P	Thunder Seed	15.2	56.4	72	78.4	19.0	36.7	18484	1529	1.28	1.80
2250	M5 8022R	RR2	Maizex Seeds Inc.	17.1	59.0	72	75.0	22.2	41.8	21253	1648	1.19	1.72
2250	HZ 1685	Agrisure 3010	Horizon Seeds	14.4	59.6	75	73.2	23.8	43.6	17219	1350	1.14	1.68
2275	924S	RR	NorthStar Genetics	15.9	64.3	81	75.4	21.8	41.4	18659	1542	1.20	1.73
2275	DLF 2333RR	RR2	DLF Canada Inc.	16.0	58.1	71	75.0	22.1	41.2	19431	1536	1.19	1.72
2300	X22080A/VT2P	VT2P/RIB	WinField United (CROPLAN)	12.6	61.2	79	72.2	24.8	44.3	15297	1162	1.11	1.65
2300	TH6180 VT2P	VT2P	Thunder Seed	16.2	55.4	71	75.1	22.1	40.5	19825	1558	1.19	1.72
2325	928S	RR	NorthStar Genetics	15.4	64.3	80	69.1	27.7	50.3	17635	1369	1.02	1.58
2325	DLF 2495RR	RR2	DLF Canada Inc.	17.6	60.8	73	73.9	23.1	42.5	22016	1669	1.16	1.70
2350	NK7837-V	Agrisure Viptera	Syngenta Canada Inc.	15.2	54.8	75	78.2	19.2	37.9	18594	1523	1.27	1.80
2350	AS1028G2 EDF	VT2P	PRIDE Seeds	17.4	54.6	76	73.4	23.6	43.3	21676	1635	1.15	1.68
2350	HZ 67S	Agrisure 3010	Horizon Seeds	13.6	61.3	76	71.5	25.4	46.5	16326	1243	1.09	1.63
2350	HZ 1831	Agrisure GTLL	Horizon Seeds	13.8	60.1	75	75.2	21.9	43.0	16524	1328	1.19	1.73
2400	NK8005-V	Agrisure Viptera	Syngenta Canada Inc.	16.5	56.2	74	76.7	20.5	38.5	20183	1624	1.24	1.76
2400	A4705HMRR	RR2	PRIDE Seeds	14.8	60.7	70	72.6	24.4	44.1	18194	1382	1.12	1.66
2450	HZ 2220	Agrisure 3010	Horizon Seeds	15.0	61.3	76	72.2	24.7	45.2	18433	1394	1.11	1.65
2525	EXP8223-AA	Agrisure Above	Syngenta Canada Inc.	12.4	42.2	70	76.5	20.8	39.7	15015	1216	1.23	1.76
2525	X22080A/VT2P	VT2P/RIB	WinField United (CROPLAN)	14.6	60.7	74	75.3	21.9	41.0	17655	1407	1.20	1.73
2550	NK8204-V	Agrisure Viptera	Syngenta Canada Inc.	18.0	59.7	76	74.5	22.6	41.5	22103	1720	1.17	1.71
			<b>Site Average</b>	<b>14.8</b>	<b>55.8</b>	<b>73</b>							
			<b>CV</b>	<b>11.72</b>	<b>4.85</b>	<b>1.97</b>							
			<b>Sign. Diff.</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>							
			<b>LSD</b>	<b>2.4</b>	<b>3.7</b>	<b>2</b>							
			<b>Planting Date:</b>	<b>May 15, 2023</b>									
			<b>Harvest Date:</b> <i>Frost was noted on Sept 13 (-2 for 3 hours)</i>	<b>September 22, 2023</b>									

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 MLK2006, 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.