

Arborg - 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 28,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 65% moisture content.

				Arborg								
CHU ¹	Hybrid	Genetic Traits ²	Distributor	65% Yield (Mt/ac)	Moisture ³ (%)	TDN (%)	ADF (%)	NDF (%)	NE/Gain (Mcal/kg)	NE/Lact (Mcal/kg)	Milk/Acre ⁴ (lbs/ac)	Beef/Acre ⁵ (lbs/ac)
2125	A4177G3 RIB	VT3P	PRIDE Seeds	16.66	48.31	67.74	28.92	49.46	0.99	1.54	14,033	1,448
2125	LR 9474VT2PRIB	VT2PRIB	Legend Seeds	18.32	52.36	66.46	30.12	52.01	0.95	1.51	13,428	1,562
2150	YUKON R	RR2	ELITE	20.6	49.47	66.42	30.16	53.74	0.95	1.51	17,573	1,756
2150	PV 60075 RIB	VT Double Pro RIB	CPS-Proven Seed	20.14	49.01	67.78	28.88	49.68	0.99	1.54	15,571	1,752
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed	20.29	50.66	71.94	24.99	44.60	1.11	1.65	15,560	1,873
2200	A4415G2 RIB	VT2P	PRIDE Seeds	18.33	49.16	65.46	31.06	53.68	0.92	1.49	15,586	1,541
2200	LR 9676VT2PRIB	VT2PRIB	Legend Seeds	19.64	49.03	67.96	28.72	49.76	0.99	1.55	15,349	1,712
2200	TH4578	RR	Thunder Seeds	22.22	48.44	68.87	27.86	48.60	1.02	1.57	16,555	1,965
2200	TH7677	VT2P	Thunder Seeds	17.9	51.33	69.75	27.04	47.39	1.04	1.59	10,698	1,384
2200	FUSION RR	RR2	ELITE	18.66	48.18	67.13	29.49	53.33	0.97	1.53	13,047	1,270
2200	E47A17 R	RR2	ELITE	20.16	50.09	74.45	22.64	39.45	1.17	1.71	16,083	1,927
2200	PS 2320RR	RR2	DLF Pickseed	20.39	48.18	68.43	28.28	50.14	1.01	1.56	16,229	1,791
2225	TH7578	VT2P	Thunder Seeds	20.21	49.46	64.97	31.51	52.45	0.91	1.47	14,461	1,687
2250	LR 9579RR	RR2	Legend Seeds	22.8	54.2	70.01	26.80	46.06	1.05	1.60	16,221	2,048
2250	TH4126	RR	Thunder Seeds	20.64	51.66	67.86	28.81	48.86	0.99	1.55	16,002	1,799
2250	X14123VH	Bt/RR	DOW Seeds	19.45	54.95	68.42	28.29	48.54	1.01	1.56	15,373	1,708
2250	4085	HXT/LL/RR	DOW Seeds	20.41	48.35	68.39	28.31	48.86	1.01	1.56	16,416	1,793
2300	DKC 30-19RIB	GENVT2P	DEKALB	23.09	46.6	70.88	25.98	45.41	1.08	1.62	19,224	2,100
2300	A4705HMRR	RR2	PRIDE Seeds	16.64	51.17	67.24	29.39	50.50	0.97	1.53	13,656	1,435
2300	DS80A27	SSX	DOW Seeds	17.63	49.5	73.18	23.83	44.09	1.14	1.68	14,900	1,656
2350	TH 7681	VT2P	Thunder Seeds	18.15	55.77	71.00	25.87	46.15	1.08	1.62	13,924	1,653
2400	E50P52 R	VT2P	ELITE	19.86	53.61	67.65	29.01	51.11	0.98	1.54	15,483	1,724
2600	X14225SX	SSX	DOW Seeds	19.97	55.76	69.59	27.19	49.70	1.04	1.59	14,678	1,784
Site Average				19.7	50.7							
CV				11.7	6.3							
Sign Diff				NO	YES							
LSD				-	5.3							
Planting Date				May 20, 2016								
Harvest Date				October 13, 2016								

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 which is suitable for your growing region.

2 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.

3 Moisture content at harvest.

4 Milk per Acre was calculated using Milk 2006, 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.