

CORN SILAGE 2020 - ABBOTSFORD

Comments:

The silage corn varietal screening trial was tested by ICMS

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

A target plant population of 79,700 seeds/ha (32,260 seeds/acre) was used.

Planting Date: May 27, 2020

Harvest Date: October 26, 2020

Yields are corrected to 65% moisture content (mc).

Variety	CHU ¹	Trait	Seed Brand	Lodging ² (%)	Moisture ³ (%)	65% mc Yield (Tons/acre)	% Dry Matter							NE Lactation (Mcal/lb)	Milk Per Ton ⁴ (lb/Ton)	lbs of Milk Per Acre	lbs of Beef Per Acre ⁵
							Cruide Protein (%)	ADF (%)	aNDF (%)	TDN (%)	30hr NDFD (%)	Lignin (%)	Starch (%)				
P9233Q	2500-2800	Qrome	Pioneer	1.3	62.8	29.9	7.8	23.2	41.9	68.2	21.7	3.13	34.9	0.70	2732	29359	2443
P8407Q	2400-2700	Qrome	Pioneer	2.0	63.4	27.9	9.3	19.1	36.9	71.0	19.6	2.75	40.3	0.73	2945	31393	2523
HZ 2536	2450-2550	Agrisure Duracade/5222 E-Z Refuge	Horizon Seeds	12.2	62.6	27.3	7.3	22.6	40.9	68.6	18.3	3.65	37.4	0.71	2559	25842	2309
17X GT	2300	Agrisure 3000GT/Agrisure Duracade/5122 E-Z Refuge	Greenfield Genetics	5.0	56.8	27.0	7.2	27.1	48.3	66.0	26.2	3.42	31.5	0.68	2269	21931	2126
HZ 2220	2300-2425	Agrisure 3010	Horizon Seeds	18.3	63.2	27.0	7.2	25.5	44.1	65.6	19.5	3.94	35.3	0.67	2245	21833	2127
Vernon	2275	Agrisure 3010/Agrisure Duracade/5122 E-Z Refuge	Greenfield Genetics	5.4	57.6	26.7	7.7	19.6	37.6	70.7	18.4	3.01	42.3	0.73	2887	26318	2148
P9188AMXT	2700	Optimum AcreMax Xtreme	Pioneer	1.1	62.9	26.4	7.7	24.4	43.6	67.3	20.6	3.62	36.3	0.69	2274	22202	2190
P7527AMXT	2150	Optimum AcreMax Xtreme	Pioneer	0.9	52.0	25.9	7.8	24.0	43.2	66.6	19.0	3.59	36.5	0.69	2193	21009	2127
HZ 797	2700	Agrisure GT	Horizon Seeds	8.2	62.2	25.7	7.8	22.4	40.6	69.6	19.3	3.45	39.6	0.72	2630	23771	2097
B78R96AM	2250	Optimum AcreMax	Brevant	18.5	59.0	25.1	8.0	25.8	45.4	64.8	19.4	4.11	32.1	0.67	2228	20596	1997
Taber	2250	Agrisure 3010	Greenfield Genetics	1.1	54.5	24.7	7.5	21.2	39.6	68.9	18.5	3.46	40.4	0.71	2347	19978	1955
HZ 878	2650-2750	Agrisure Viptera/3220 E-Z Refuge	Horizon Seeds	6.6	63.9	24.5	7.8	29.8	51.2	62.9	22.4	4.31	26.7	0.64	2255	21453	1995
LSD				3.8	5.0	2.9											
CV				36.5	5.72	6.5											
Site Average				13.4	60.1	26.5											
Sign Diff				Yes	Yes	Yes											

1. Each company assigns a corn heat unit (CHU) rating to each of their varieties. The CHU rating is a measure of relative maturity and is one criteria for choosing a variety suitable for your growing region.

2. Percent of plants were lodged at harvest.

3. Moisture content at harvest.

4. Milk pe 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.