

CORN SILAGE 2020 - OKANAGAN FALLS

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 22, 2020

Harvest Date: September 26, 2020

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

Variety	CHU ¹	Trait	Seed Brand	Lodging ² (%)	Moisture ³ (%)	65%mk-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
							Crude Protein (%)	ADF (%)	aNDF (%)	TDN (%)	30 hr NDFD (%)	Lignin (%)	Starch (%)				
HZ 878	2650-2750	Agrisure Viptera/3220 E-Z Refuge	Horizon Seeds	0.0	70.9	20.3	7.4	25.7	44.5	67.9	24.9	2.9	25.5	0.70	2880	19678	1547
P9233Q	2500-2800	Qrome	Pioneer	0.0	65.2	19.8	6.9	29.6	51.3	64.4	29.7	3.4	22.7	0.66	2667	21127	1701
HZ 2220	2300-2425	Agrisure 3010	Horizon Seeds	0.0	67.7	19.3	5.9	33.4	57.4	60.9	31.4	3.8	15.2	0.62	2343	15361	1331
HZ 2536	2450-2550	Agrisure Duracade/5222 E-Z Refuge	Horizon Seeds	0.0	65.8	19.3	7.1	28.7	49.7	65.1	28.6	3.3	19.1	0.67	2510	18250	1578
HZ 797	2700	Agrisure GT	Horizon Seeds	0.0	69.3	18.9	6.9	27.8	49.0	66.0	27.7	3.3	25.6	0.68	2807	20445	1602
P9188AMXT	2700	Optimum AcreMax Xtreme	Pioneer	0.0	65.7	17.5	6.6	32.8	54.5	61.0	25.6	4.4	19.0	0.62	2130	12800	1222
P8407Q	2400-2700	Qrome	Pioneer	0.0	65.8	17.2	8.5	23.7	43.8	69.0	27.2	2.6	24.8	0.71	2886	17436	1390
LSD				0.0	3.6	2.8											
CV				0.0	3.64	9.9											
Site Average				0.0	67.2	18.9											
Sign Diff				No	Yes	No											

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.