CORN SILAGE 2021 - 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 21, 2021

Harvest Date: October 18, 2021

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

Variety	CHU[1]	Trait	Seed Brand	Lodging[2] (%)	Moisture[3] (%)	65% mc Yield (Tons/acre)	Crude Protein (%)	ADF (%)	aNDF (%)	TDN (%)	30hr NDFD (%)	Lignin (%)	Starch (%)	NE Lactation (Mcal/lb)	Milk Per Ton[4] (Lb/Ton)	Lbs of Milk Per Acre	Lbs of Beef Per Acre[5]
							% Dry Matter										
HZ 3247	2650-2750	Agrisure Duracade/5222 E-Z Refuge	Horizon Seeds	0.0	68.1	27.8	8.0	34.1	57.1	61.3	25.8	4.44	11.9	0.63	2079	19245	1891
HZ 3050	2600-2725	Agrisure Duracade/5122 E-Z Refuge	Horizon Seeds	0.7	66.9	26.8	9.0	24.7	42.3	69.1	17.2	3.60	29.8	0.71	2820	26390	2155
HZ 2536	2450-2550	Agrisure Duracade/5222 E-Z Refuge	Horizon Seeds	0.0	66.6	26.1	7.5	32.3	54.7	62.5	23.4	4.74	20.0	0.64	2119	18576	1826
HZ 878	2650-2750	Agrisure Viptera/3220 E-Z Refuge	Horizon Seeds	0.0	70.5	25.0	8.4	26.3	43.4	67.6	18.7	3.66	27.7	0.70	2767	22436	1827
Bonnie	2650	Agrisure Duracade/5122 E-Z Refuge	Greenfield Genetics	0.0	67.1	23.7	7.6	30.4	48.7	64.5	18.9	4.24	23.0	0.66	2321	18855	1747
HZ 2220	2300-2425	Agrisure 3010	Horizon Seeds	0.0	68.3	22.2	7.0	35.4	55.3	60.2	17.1	5.24	17.0	0.61	1839	13476	1470
HZ 1710	2250-2350	Agrisure 3010	Horizon Seeds	1.2	64.8	22.0	7.7	33.7	54.3	59.1	19.7	5.06	18.3	0.60	1896	15744	1636
LSD				0.9	5.8	3.8											
CV				237.6	5.78	10.2											
Site Average				0.3	67.5	24.8											
Sign Diff				No	No	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.