

CORN SILAGE 2019 - 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 31, 2019

Harvest Date: October 24, 2019

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
17x	2300	Agrisure 3000GT	Greenfield Genetics	0.5	64.0	28.2	% Dry Matter										
Legacy	2350	Agrisure Duracade/5122 E-Z Refuge	Greenfield Genetics	0.1	60.8	30.2	7.6	20.6	38.2	73.7	21.1	2.47	40.3	0.76	3024	26380	2143
N885 GT			Greenfield Genetics	0.1	67.3	26.5	7.2	24.0	42.7	70.5	21.8	2.80	34.4	0.72	3016	35455	2763
				0.1	67.3	26.5	8.2	16.8	32.5	75.4	18.4	2.09	45.2	0.78	3484	31653	2283
			LSD	2.1	6.6	6.7											
			CV	159.2	5.66	13.6											
			Site Average	2.5	63.7	28.3											
			Sign Diff	No	No	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.