

**CORN SILAGE 2023 - ABBOTSFORD**

**Comments:**

The silage corn varietal screening trial was tested by COWCHOW.ca  
 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 19, 2023  
 Harvest Date: September 29, 2023  
 Yields are corrected to 65% moisture content (mc).

1. Corn heat unit (CHU) ratings were provided by the companies. 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 that were lodged at harvest.
3. Moisture content at harvest.
4. Milk per 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.

VARIETY	CHU <sup>1</sup>	Lodging <sup>2</sup> (%)	Moisture <sup>3</sup> (%)	Yield (Tons/acre @ 65% mc)	Crude Protein (%)	ADF (%)	hNDF (%)	TDN (%)	30 hr NDFD (%)	Lignin (%)	Starch (%)	NE Lactation (Mcal/lb)	Milk Per (Lbs/Ton <sup>4</sup> )	Lbs of Milk Per Acre	Lbs of Beef Per Acre <sup>5</sup>
					% Dry Matter										
Ranger	2300	0.0	58.7	26.0	7.6	20.4	34.5	74.3	18	3.01	39.8	0.77	2907	26282	2239.2
31-81	2350	0.0	58.4	32.2	6.8	19.7	32	75.2	16.8	2.71	44.9	0.78	2968	31971	2700.2
Maxx	2550	0.0	70.8	23.3	7.7	28.7	45.9	66.1	22	3.86	27.6	0.68	2775	21282	1689.7
Bonnie	2650	0.0	69.2	29.2	7.3	23.0	36.4	71.7	17.5	3.37	39.8	0.74	3272	33713	2462.5
Dalton	2700	0.0	66.8	32.9	7.2	22.8	36.1	71.5	17.3	3.12	38.6	0.74	3189	37602	2810.2
PS 2333RR	2375	0.0	65.1	22.0	8.5	21.4	35.1	72.7	19.5	2.88	35.8	0.75	3368	22748	1636.8
PS 2495RR	2425	0.0	64.5	25.4	6.9	24.9	40.3	71.0	21.4	3.32	33.7	0.73	3094	24670	1887
PV 61177SRR	2200	0.0	65.8	26.4	7.9	23.0	36.9	71.0	18.6	3.28	34.1	0.73	3102	28339	2162.1
PV 62181SRIB	2325	0.0	69.8	22.2	7.4	27.0	41.8	67.4	20.2	3.59	27.3	0.69	2895	21832	1694.3
PV 62683SRR	2475	0.0	63.9	29.9	7.6	16.9	27.3	77.5	14.6	2.49	45.7	0.81	3162	33898	2769.4
LSD	-	-	2.06	3.08											
CV	0.0	0.0	2.17	7.87											
Site Average	0.0	0.0	65.3	26.9											
Sign Diff	No	Yes	Yes	Yes											

VARIETY	CHU <sup>1</sup>	TRAIT	SEED BRAND
Ranger	2300	Agrisure GT	Greenfield Genetics
31-81	2350	Agrisure GT	Greenfield Genetics
Maxx	2550	Agrisure GT	Greenfield Genetics
Bonnie	2650	Agrisure Duracade 5122	Greenfield Genetics
Dalton	2700	Agrisure Duracade 5222	Greenfield Genetics
PS 2333RR	2375	Roundup Ready® Corn 2	DLF Pickseed
PS 2495RR	2425	Roundup Ready® Corn 2	DLF Pickseed
PV 61177SRR	2200	Roundup Ready® Corn 2	Proven Seeds
PV 62181SRIB	2325	VT Double PRO® RIB Complete®	Proven Seeds
PV 62683SRR	2475	Roundup Ready® Corn 2	Proven Seeds