

CORN SILAGE 2023 - Salmon Arm

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 26, 2023
 Harvest Date: October 5, 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 ¹	Lodging ² (%)	Moisture ³ (%)	Yield (Tons/acre @ 65% mc)	Crude Protein (%)	ADF (%)	aNDF (%)	TDN (%)	30 hr NDFD (%)	Lignin (%)	Starch (%)	NE Lactation (Mcal/lb)	Milk Per (Lbs/lb)	Lbs of Milk Per Acre ⁴	Lbs of Beef Per Acre ⁵
% Dry Matter															
Dalton	2700 CHU	0.0	62.6	35.5	8.3	22.2	35.7	72.0	19	2.92	33.9	0.75	3159	32746	2487.8
Prime	2700 CHU	0.0	67.1	29.4	8.2	19.8	32.3	74.4	18.2	2.36	37.7	0.77	3464	42358	3032.5
PS 2320RR	2200 CHU	0.0	57.0	27.2	8.0	21.6	34.6	73.6	19.7	2.84	32.2	0.76	2939	26171	2184.6
PS 2495RR	2425 CHU	0.0	60.7	26.5	7.0	23.9	36.3	71.9	19.1	2.99	29.2	0.74	2697	38536	3424.5
PV 61177SRR	2200 CHU	0.0	62.1	27.0	7.8	21.2	34	73.8	18.7	2.81	33.8	0.77	3061	34072	2738.3
PV 62181SRIB	2325 CHU	0.0	66.9	24.4	8.3	19.3	31.1	74.4	6.5	2.78	38.0	0.77	3010	40814	3362.7
PV 62683SRR	2475 CHU	0.0	58.7	34.2	8.1	24.2	38	70.5	21.1	3.14	27.0	0.73	2865	33421	2741.3
BY Brava RR2	2150 CHU	0.0	53.0	34.2	7.7	18.7	30.2	75.6	15.8	2.69	38.1	0.79	3057	37315	3076
BY Guernsey VT2P R 2150 CHU	2150 CHU	0.0	60.4	27.4	7.9	22.3	36	72.3	19.3	2.95	32.0	0.75	2981	35455	2866.4
BY Belmont RR2	2350 CHU	0.0	52.7	33.7	7.9	20.7	33.9	72.6	18.9	2.58	37.3	0.75	3143	42758	3292.2
BYM2234003BV	2350 CHU	0.0	60.4	26.8	7.9	18.5	30.5	75.8	16.5	2.54	40.7	0.79	3236	32836	2563.8
LSD	-	-	5.08	5.02											
CV	0.0	0.0	5.88	11.58											
Site Average	0.0	0.0	59.8	30.0											
Sign Diff	No	No	Yes	Yes											

VARIETY	CHU ¹	TRAIT	SEED BRAND
Dalton	2700	Agrisure Duracade 5222	Greenfield Genetics
Prime	2700	Agrisure 3000GT	Greenfield Genetics
PS 2320RR	2200	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
BY Brava RR2	2150	Roundup Ready® Corn 2	BrettYoung
BY Guernsey VT2P RIB	2150	VT Double PRO®	BrettYoung
BY Belmont RR2	2350	Roundup Ready® Corn 2	BrettYoung
BYM2234003BV	2350	VT Double PRO®	BrettYoung