

CORN SILAGE 2024 - 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 13, 2024
 Harvest Date: October 12, 2024
 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 %	Moisture %	Yield (Tons/acre @ 65% mc)	Crude Protein (%)	ADF (%)	aNDF (%)	TDN (%)	30 hr NDFD (%)	Lignin (%)	Starch (%)	NE Lactation (Mcal/lb)	Milk Per (Lbs/Ton ⁺)	Lbs of Milk Per Acre	Lbs of Beef Per Acre ^s
% Dry Matter															
HZ 2220	2450	0.0	57.5	30.8	9.0	15.8	29.2	76.4	16.7	2.15	42.4	0.79	3077	39669	3283.2
HZ 2536	2450	0.0	61.9	26.2	8.7	18.1	32.8	74.7	18.6	2.65	39.3	0.78	3232	27924	2151.3
DKC42-04RIB	2800	0.0	60.9	31.4	7.8	20.2	35.8	73.2	20.2	2.64	35.9	0.76	2910	38947	3265.6
DKC44-80RIB	2850	0.0	65.3	30.5	7.1	20.6	36.1	72.6	21.5	2.52	37.3	0.75	3354	38922	2808.3
DKC45-74RIB	2875	0.0	62.4	33.7	8.5	15.5	28.8	77.0	16.9	2.07	44.7	0.8	3389	41396	3135.1
A5686G2 RIB	2600	0.0	60.9	28.2	7.5	15.6	28.2	76.7	15.4	2.27	48.3	0.8	3111	32946	2707.5
B3206 VT2Pro	2525	0.4	60.0	27.9	8.1	18.5	32.6	74.8	19.4	2.53	36.0	0.78	3064	34191	2782.3
PV 61177SRR	2200	0.0	59.1	24.0	8.4	18.1	31.9	75.5	17.2	2.51	37.5	0.78	3042	26862	2222.3
PV 62181SRIB	2325	0.0	61.1	22.7	9.1	17.5	30	75.4	17.6	2.45	38.3	0.78	3312	28935	2195.7
PV 62683SRR	2475	0.0	59.5	26.4	7.8	19.8	34.7	73.5	19.9	2.64	37.1	0.76	3076	32456	2585.1
DLF 2495RR	2425	0.0	56.0	26.2	7.2	20.8	35.6	75.3	20.8	2.47	35.4	0.78	3032	30910	2558.8
EXP-0248	2500	0.0	63.1	29.7	8.7	16.6	29.3	76.1	17.4	2.12	41.1	0.79	3476	38633	2819.3
DLF ExSeed	2550	0.0	61.7	29.5	8.9	16.8	31.1	75.4	18.2	2.23	41.0	0.78	3323	33051	2499.8
NK8005-V	2300	0.4	59.9	22.6	8.2	20.5	36.7	72.5	21	2.81	34.5	0.75	3030	25451	2029.9
NK9175-DV	2650	0.0	65.2	25.5	8.5	20.8	35.7	71.9	19	3.02	35.4	0.74	3243	31732	2345.1
NK8558-AA	2525	0.0	61.7	30.2	7.7	15.2	27.2	76.4	14.9	2.28	47.1	0.79	3235	35112	2764.1
Exp 82 DV	2350	0.0	64.3	26.6	7.1	18.5	33	74.7	18.2	2.65	43.8	0.78	3392	34605	2540.3
Prime DV	2750	0.0	65.6	27.7	8.7	17.8	33	74.5	18.6	2.47	39.9	0.77	3438	33934	2451.1
LSD	0.4	1.8	2.8												
CV	606	2.06	7.1												
Site Average	0.0	61.5	27.8												
Sign Diff	No	Yes	Yes												

VARIETY	CHU ¹	TRAIT	SEED BRAND
HZ 2220	2450	Agrisure GT/CB/LL	Horizon Seeds
HZ 2536	2450	Duracad Viptera	Horizon Seeds
DKC42-04RIB	2800	SmartStax® RIB Complete®	DEKALB
DKC44-80RIB	2850	SmartStax® RIB Complete®	DEKALB
DKC45-74RIB	2875	VT Double PRO® RIB Complete®	DEKALB
A5686G2 RIB	2600	VT Double PRO® RIB Complete®	PRIDE Seeds
B3206 VT2Pro	2525	VT Double PRO® RIB Complete®	PRIDE Seeds
PV 61177SRR	2200	Roundup Ready® Corn 2	Proven Seed
PV 62181SRIB	2325	VT Double PRO® RIB Complete®	Proven Seed
PV 62683SRR	2475	Roundup Ready® Corn 2	Proven Seed
DLF 2495RR	2425	Roundup Ready® Corn 2	DLF
EXP-0248	2500	Roundup Ready® Corn 2	DLF
DLF ExSeed	2550	Roundup Ready® Corn 2	DLF
NK8005-V	2300	Agrisure Viptera 3220 - E-Z Refuge	NK Seeds
NK9175-DV	2650	Agrisure Duracade 5222	NK Seeds
NK8558-AA	2525	Agrisure 3120 - E-Z Refuge	NK Seeds
Exp 82 DV	2350	Duracade Viptera	Greenfield Genetics
Prime DV	2750	Duracade Viptera	Greenfield Genetics