

**CORN SILAGE 2024 - 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 30, 2024  
 Harvest Date: October 10, 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 <sup>1</sup>	Lodging <sup>2</sup> (%)	Moisture <sup>3</sup> (%)	Yield (Tons/acre @ 65% mc)	% Dry Matter								NE Lactation (Mcal/lb)	Milk Per (Lbs/Ton <sup>4</sup> )	Lbs of Milk Per Acre	Lbs of Beef Per Acre <sup>5</sup>
					Crude Protein (%)	ADF (%)	aNDF (%)	TDN (%)	30 hr NDFD (%)	Lignin (%)	Starch (%)					
HZ 2220	2450	11.0	59.0	32.5	8.7	20.2	37.5	72.8	20.4	2.84	38.5	0.75	3257	34173	2546.1	
DKC39-54RIB	2725	2.1	60.4	28.1	7.4	19.8	36.9	72.9	20.6	2.93	41.5	0.76	3318	29430	2155.4	
A5686G2 RIB	2600	4.5	61.4	30.3	7.1	20.9	37.3	73.0	20.9	2.77	39.2	0.76	3410	38895	2775.5	
AS1097G8 EDF RIB	2800	1.8	70.9	26.4	8.5	28.5	49.1	65.6	25.9	3.74	20.8	0.67	2743	25581	2039.2	
DLF 2495RR	2425	1.3	63.2	25.1	7.2	15.7	29.4	79.6	17.1	2.22	46.9	0.83	3519	22270	1679.1	
DLF ExSeed	2550	9.8	64.4	27.2	8.2	20.0	36.7	73.6	20.9	2.79	38.8	0.76	3507	29661	2074.9	
DLF 2563GSX RIB	2500	5.2	60.1	25.8	7.6	22.9	40.5	70.7	21.9	3.24	35.5	0.73	3185	27648	2045.8	
DLF Expand	2725	32.1	66.7	27.5	7.4	27.4	47.9	67.4	25.8	3.58	26.1	0.69	2969	29785	2253.8	
NK8005-V	2300	18.7	60.4	24.5	7.7	23.2	41.6	70.5	23.3	3.05	33.7	0.73	3261	28278	2037.8	
NK9175-DV	2650	7.7	63.9	29.8	7.6	21.8	37.1	71.6	18	3.39	38.5	0.74	3276	33080	2410	
NK8558-AA	2525	4.4	62.1	29.5	7.7	22.3	39.7	70.8	21.1	3.15	38.9	0.73	3256	31634	2292.9	
PV 61177SRR	2200	32.3	60.4	25.6	8.4	17.3	32	76.1	17.5	2.63	41.9	0.79	3478	27838	2030.4	
PV 62181SRIB	2325	7.3	61.8	28.2	8.3	20.2	35.4	72.8	20.5	2.74	36.5	0.76	3182	21460	1636.6	
PV 62683SRR	2475	1.3	56.4	33.7	7.3	23.8	40.5	70.4	23.7	3.01	29.8	0.73	3226	39813	2896.1	
Exp 86 DV	2550	11.6	66.2	27.4	7.3	22.4	40	72.3	24.7	2.51	31.5	0.75	3225	29207	2182.6	
Exp 90 DV	2750	8.1	65.9	30.5	7.9	24.2	42.3	70.6	24.6	2.96	27.0	0.73	3043	32872	2542.2	
Exp 91 DV	2750	6.9	70.5	25.3	8.0	14.7	27.7	77.5	16.9	1.88	46.2	0.81	3835	33368	2247.8	
LSD		12.9	4.6	5.17												
CV		94	5.12	11.02												
Site Average		9.7	63.2	28.2												
Sign Diff		Yes	Yes	Yes												

VARIETY	CHU <sup>1</sup>	TRAIT	SEED BRAND
HZ 2220	2450	Agrisure GT/CB/LL	Horizon Seeds
DKC39-54RIB	2725	SmartStax® RIB Complete®	DEKALB
A5686G2 RIB	2600	VT Double PRO® RIB Complete®	PRIDE Seeds
AS1097G8 EDF RIB	2800	SmartStax® RIB Complete®	PRIDE Seeds
DLF 2495RR	2425	Roundup Ready® Corn 2	DLF
DLF ExSeed	2550	Roundup Ready® Corn 2	DLF
DLF 2563GSX RIB	2500	SmartStax® RIB Complete®	DLF
DLF Expand	2725	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
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
Exp 86 DV	2550	Duracade Viptera	Greenfield Genetics
Exp 90 DV	2750	Duracade Viptera	Greenfield Genetics
Exp 91 DV	2750	Duracade Viptera	Greenfield Genetics