

**NDSU Carrington Research Extension Center
2023 Variety Trial Data**

Corn Silage - Irrigated **Carrington (Page 1 of 2)**

Brand	Variety	RM	Traits	Days to Silk DAP	Ear Ht inch	Plant Ht inch	Harvest Moisture %	DM %	Yield	
									2023 ----- ton/a (65%) -----	2-yr. Avg.
Channel	198-99	98	SSPRIB	71	33	111	55	45	37.3	--
Channel	201-07	101	SSPRIB	69	37	106	56	44	33.0	--
Channel	201-14	101	VT2PRIB	68	35	109	54	46	35.8	--
Channel	203-01	103	VT2PRIB	69	36	107	56	44	35.2	--
REA Hybrids	93F72	93	VT4Pro w/RNAi	69	32	102	53	47	29.8	--
REA Hybrids	97P78	97	SmartStax Pro w/RNAi	69	35	107	49	51	35.3	--
Dairyland Seed	HIDF-3855Q	98	Q	68	35	113	52	48	34.7	31.1
Dairyland Seed	HIDF-3802Q	102	Q	70	39	117	60	40	36.5	31.9
Legacy Seeds	LC506-22	100	RR2	75	30	117	57	43	41.2	--
Legacy Seeds	LC555-21	100	GT/LL	69	34	103	58	42	34.1	30.0
Legacy Seeds	LC585-22	103	GT/LL	73	38	120	62	38	37.0	--
Integra	STP4723	97	RR2	70	43	138	51	49	33.5	--
Integra	STP5191	101	RR2	76	33	128	58	42	41.5	--
Croplan	4100S	101	VT2P/RIB	72	36	118	57	43	36.0	31.1
Croplan	4200S	102	RR	76	39	122	58	42	42.2	--
Mean				71	36	114	56	44	36.2	--
C.V. (%)				2	17	7	6	8	10.4	--
LSD (0.05)				2	10	14	6	6	6.3	--
LSD (0.10)				2	8	12	5	5	5.2	--

Plant Date = May 12; Harvest Date = September 25; Previous Crop = Field Pea

No significant lodging.

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Corn Silage - Irrigated

Carrington (Page 2 of 2)

Brand	Variety	pH	Crude		ADF	aNDF	Starch	EE	Ca	P*	Mg*	K	TDN	NEg	RFV
			Protein	% DM											
Channel	198-99	4.0	7.2	24.2	40.4	31.2	3.2	0.3	0.2	0.2	0.9	70.9	45.8	162.3	
Channel	201-07	4.0	7.0	25.4	42.8	27.5	2.9	0.2	0.2	0.2	1.0	70.1	44.9	150.8	
Channel	201-14	4.1	7.5	21.8	36.6	37.1	3.1	0.2	0.2	0.1	0.9	72.6	47.2	188.0	
Channel	203-01	4.0	7.0	26.0	44.6	26.5	3.1	0.2	0.2	0.2	1.0	69.6	44.2	145.5	
REA Hybrids	93F72	4.1	7.5	28.3	47.2	23.1	2.4	0.3	0.2	0.2	1.1	68.0	43.5	132.3	
REA Hybrids	97P78	4.1	7.4	24.5	41.2	30.8	3.0	0.3	0.2	0.2	1.0	70.7	45.5	162.2	
Dairyland Seed	HIDF-3855Q	4.0	7.1	30.2	48.4	21.3	2.3	0.3	0.2	0.2	1.1	66.7	42.9	128.8	
Dairyland Seed	HIDF-3802Q	4.0	7.4	24.4	41.0	29.9	3.2	0.3	0.2	0.2	1.0	70.7	45.6	161.5	
Legacy Seeds	LC506-22	4.1	7.7	28.7	48.1	22.4	2.7	0.3	0.2	0.2	1.2	67.7	43.2	132.8	
Legacy Seeds	LC555-21	4.0	7.9	27.3	45.5	25.6	2.9	0.3	0.2	0.2	1.3	68.7	44.2	143.7	
Legacy Seeds	LC585-22	3.9	7.7	27.1	44.8	22.4	2.7	0.3	0.2	0.2	1.1	68.9	44.4	141.3	
Integra	STP4723	4.2	8.1	27.5	45.7	25.4	2.7	0.3	0.2	0.2	1.2	68.6	44.2	139.4	
Integra	STP5191	4.0	7.2	31.1	50.7	18.1	2.2	0.3	0.2	0.2	1.2	66.1	42.2	119.7	
Croplan	4100S	4.0	6.6	24.4	41.1	32.5	2.7	0.2	0.2	0.2	0.9	70.8	45.4	160.8	
Croplan	4200S	4.0	7.8	27.1	44.9	23.6	2.5	0.3	0.2	0.2	1.2	68.8	44.3	143.2	
Mean		4.0	7.4	26.5	44.2	26.5	2.8	0.3	0.2	0.2	1.1	69.3	44.5	147.5	
C.V. (%)		2.6	5.4	16.1	14.0	27.1	11.1	14.1	3.6	4.6	18.0	4.3	4.9	19.7	
LSD (0.05)		0.2	0.7	7.1	10.3	12.0	0.5	0.1	0.0	0.0	0.3	5.0	3.6	48.7	
LSD (0.10)		0.1	0.6	5.9	8.6	10.0	0.4	0.1	0.0	0.0	0.3	4.1	3.0	40.5	

Plant Date = May 12; Harvest Date = September 25; Previous Crop = Field Pea

No significant lodging.

*Best Linear Unbiased Estimate