

Silage Corn Variety Trial at Minot

Company	Hybrid	Relative Maturity	Days to Silk	Harvest Moisture	Crude Protein	TDN	Yield		
							2018	2019	2 yr avg
			DAP ¹	%	%	%	tons/A	@65% moisture	
Integra	STP4128R	91	82	61	6.1	68	10.45	20.22	15.33
Integra	STP4759R	98	91	68	6.8	69	9.53	23.13	16.33
Proseed	STS 103	103	88	66	6.8	75	--	19.46	--
Thunder Seed	4900 HRRR	100	89	66	8.1	69	--	23.52	--
Thunder Seed	6098 VT2P	98	86	66	5.8	71	--	21.57	--
Thunder Seed	6999 VT2P	99	84	66	8.2	71	--	25.30	--
Dairyland Seed	HiDF-3407RA	107	92	73	7.4	68	--	22.40	--
Dairyland Seed	HiDF-3290-9	90	86	66	7.1	72	--	18.67	--
Dairyland Seed	HiDF-3099RA	99	86	65	6.1	70	12.86	20.52	16.69
Dairyland Seed	HiDF-3197RA	97	88	67	5.4	71	13.55	22.57	18.06
Dairyland Seed	HiDF-3802AMXT	102	88	69	4.4	67	--	20.31	--
Legacy Seeds	L-5467 RRLFY	101	88	66	6.7	67	12.40	21.26	16.83
Legacy Seeds	L-3567 RRLFY	95	89	66	5.8	70	10.96	20.88	15.92
Legacy Seeds	L-4567 RRLFY	100	91	70	7.1	68	12.58	20.50	16.54
Legacy Seeds	L-4545 RRLFY	100	84	66	4.3	69	14.29	20.71	17.50
	Grain ck	80	76	58	8.1	74	--	17.98	--
	Grain ck	86	78	56	7.4	70	--	21.55	--
Trial Mean			87	66	6.5	70	11.94	21.08	--
C.V.%			2.5	4.7	--	--	16.40	14.10	--
LSD 5%			4	5	--	--	3.25	NS	--
LSD 10%			3	4	--	--	2.71	4.10	--

¹ DAP = days after planting

NS = no statistical difference between hybrids.

Planting Date: May 10

Harvest Date: October 7

Planting Rate: 30,000 seeds/A

Row Spacing: 30"

Tillage: No-till

Previous Crop: 2017 and 2018 = hrsw

Soil Type: Williams Loam

Note: The 2018 trial sustained severe drought.