

2022 Silage Corn Variety Trial at Minot

Company	Hybrid	Relative Harvest			Crude				Yield						
		Maturity	Moisture	Starch	ADF	NDF	Protein	TDN	RFV	RFQ	2020	2021	2022	2 yr avg	3 yr avg
		%	%	%	%	%	%	%	-----tons/A @65% moisture-----						
Integra	STP4550	95	58	23	28	49	8.2	64	127	127	--	--	28.94	--	--
Integra	STP4810	98	57	33	25	44	7.2	68	147	151	22.11	26.00	25.63	25.81	24.58
Integra	STP5191	101	63	23	31	52	8	64	116	119	25.57	16.91	27.08	22.00	23.19
Dairyland Seed	HiDF-3044Q	90	52	36	24	42	7.2	69	156	160	22.73	18.14	29.81	23.98	23.56
Dairyland Seed	HiDF-3855Q	98	56	36	24	41	6.7	70	160	166	--	--	30.81	--	--
Dairyland Seed	HiDF-3802Q	102	64	35	24	41	7.1	70	158	166	24.46	22.04	32.37	27.20	26.29
Dairyland Seed	HiDF-4545Q	105	68	36	22	39	6.6	72	171	180	21.71	20.01	29.18	24.59	23.63
Legacy Seeds	LC-4545	99	58	29	25	45	6.9	68	145	149	22.59	24.33	26.04	25.18	24.32
Legacy Seeds	LC555-21	100	60	37	22	39	7.8	71	171	176	--	--	27.20	--	--
Legacy Seeds	LC416-22	101	55	32	25	46	7.4	67	141	144	--	--	27.96	--	--
REA Hybrids	94A16	94	58	39	21	38	8.1	71	180	184	--	--	32.08	--	--
REA Hybrids	95A36	95	57	40	20	37	6	72	182	188	--	--	31.16	--	--
REA Hybrids	4B958	95	51	39	23	40	7.1	70	165	171	--	22.84	29.84	26.34	--
REA Hybrids	5A984	98	58	38	22	40	7.1	70	168	172	--	--	30.18	--	--
REA Hybrids	5D023	102	54	43	21	37	6.4	72	185	193	--	18.01	27.60	22.80	--
Thunder Seed	T4386 HRRR	86	48	31	24	44	8.1	70	150	155	--	--	26.78	--	--
Thunder Seed	T6791 VT2P	91	51	29	27	48	7.9	67	130	135	--	--	28.21	--	--
Thunder Seed	T4995 HRRR	95	50	30	29	49	5.9	66	126	131	--	23.45	23.85	23.65	--
LATHAM	LH5052	100	62	33	23	41	6.4	71	162	170	--	--	30.88	--	--
LATHAM	LH5022	100	58	37	23	40	7.6	70	166	172	--	--	32.98	--	--
NK Seeds	NK9175-5122	91	49	40	21	38	7.5	71	178	182	--	--	28.81	--	--
NK Seeds	NK9231-3120	92	38	40	21	40	7.7	69	168	168	--	--	29.90	--	--
NK Seeds	NK9227-3220A	92	51	35	24	43	7.4	68	151	153	--	24.00	29.67	26.83	--
	Grain Check	87	55	36	22	40	8.4	71	168	175	--	--	32.70	--	--
Trial Mean			55	35	24	42	7.3	69	157	162	21.33	20.69	29.20	--	--
C.V.%			10.6	--	--	--	--	--	--	--	13.2	15.1	13.6	--	--
LSD 5%			10	--	--	--	--	--	--	--	4.71	5.16	NS	--	--
LSD 10%			8	--	--	--	--	--	--	--	3.91	4.30	NS	--	--

NS = no statistical difference between hybrids.

Planted on May 25 with a seeding rate of 30,000 seeds/A and harvested on September 29.

Tillage: Strip-till

Row Spacing: 30"

Previous Crop: soy

Soil Type: Williams Loam

ADF=Acid detergent fiber

NDF=Neutral detergent fiber

TDN= Total digestible nutrients

RFQ= Relative Forage quality

RFV= Relative Feed value