

Grain Corn Variety Trial at Minot

Company / Brand	Hybrid	Days			Harvest Moisture %	Test Weight lbs/bu	Grain Yield				
		Relative Maturity days	to Silk DAP*	Ear Height inches			2017 ^a	2018 ^b	2019 ^c	2 yr	3 yr
Rea Hybrids	1B720	72	70	37	25	60.0	--	--	104	--	--
Rea Hybrids	1B780	79	76	38	27	58.1	--	68	112	90	--
Rea Hybrids	2B862	86	78	36	30	58.9	--	--	117	--	--
Integra	2803 VT2P	78	79	43	28	60.6	135	58	83	70	92
Integra	3009 VT2P	80	74	34	25	59.3	--	--	104	--	--
Integra	3282 VT2P	82	81	39	27	58.2	--	64	101	82	--
Integra	3325-3010A	83	82	36	30	59.4	--	74	90	82	--
Integra	3537 VT2P	85	81	41	29	59.1	143	75	102	88	107
Dyna-Gro	D22QH42	82	78	38	25	59.3	--	--	107	--	--
Thunder Seed	6074 VT2P	74	76	37	25	57.0	--	--	91	--	--
Thunder Seed	6079 VT2P	79	74	37	25	60.6	--	--	101	--	--
Thunder Seed	6081 3220	81	79	39	29	62.2	--	--	92	--	--
Thunder Seed	6782 VT2P	82	80	42	26	57.8	--	75	94	84	--
Proseed	1980	80	73	39	23	58.3	--	--	92	--	--
Hefty	H2532	75	73	35	26	59.2	--	--	88	--	--
Hefty	H2802	78	78	45	24	58.9	121	56	97	77	91
Hefty	H2922	79	73	39	27	62.4	--	77	122	99	--
Hefty	H3022	80	77	40	27	59.7	--	58	97	77	--
Hefty	H3122	81	80	42	27	59.1	--	66	110	88	--
Hefty	H3322	83	78	42	26	58.6	--	64	142	103	--
Hefty	H3302	83	78	42	26	56.3	146	62	120	91	109
Hefty	H3432	84	78	38	27	57.8	--	--	126	--	--
Legacy Seeds	L-1818 VT2P	79	74	38	26	60.3	--	--	87	--	--
Legacy Seeds	L-2213 VT2P	80	77	39	25	59.8	139	68	86	77	98
Legacy Seeds	L-2019 VT2P	80	75	40	27	59.9	--	--	108	--	--
Legacy Seeds	L-2347 VT2P	83	80	40	28	59.8	--	--	118	--	--
Legacy Seeds	L-2314 VT2P	83	81	43	30	58.9	164	82	111	96	119
Peterson Farms Seed	71V81	81	79	39	27	58.2	--	78	98	88	--
Peterson Farms Seed	78A82	82	81	43	29	59.1	136	59	104	82	100
Peterson Farms Seed	73S84	84	80	43	29	61.0	--	--	118	--	--
Trial Mean			77	39	27	59.2	134	68	104	--	--
C.V.%			2.3	6.8	9.9	3.1	8.1	10.7	10.6	--	--
LSD 5%			3	4	NS	3.0	18	12	18	--	--
LSD 10%			2	4	NS	2.5	15	10	15	--	--

*DAP = Days after planting.

^a 2017 Minimum till twin rows planted on May 12 into barley stubble and harvested on October 21.

^b 2018 Strip till planted on May 15 into spring wheat stubble and harvested on October 11.

^c 2019 Strip till planted on May 9 into spring wheat stubble and harvested on October 28.

Planting Rate: 30,000 seeds/A

Row Spacing: 30"

Soil Type: Williams Loam

Note: Test weights and yields are adjusted to 15.5% moisture. The 2018 trial sustained severe drought.