

Grain Corn Variety Trial at Minot

Company / Brand	Hybrid	Relative Maturity	Days to Silk	Ear Height	Harvest Moisture	Test Weight	Grain Yield					
							2016 ^a	2016 ^b	2017 ^c	2018 ^d	2 yr Avg	3 yr Avg
		days	DAP*	inches	%	lbs/bu	bushels per acre					
Dairyland Seed	RPM-1819AM	75	63	30	21	55.4	153	137	139	71	105	125
Dairyland Seed	DS-9085a	83	67	29	20	55.1	202	187	138	74	106	150
Dairyland Seed	RPM-2918AM	85	66	33	24	55.0	--	--	--	77	--	--
Dairyland Seed	DS-9686a	86	65	32	24	59.3	173	157	144	69	106	136
Thunder Seed	6874 VT2P	74	61	29	19	58.0	--	--	120	59	90	--
Thunder Seed	4578 RR	78	66	34	20	57.0	--	--	126	62	94	--
Thunder Seed	6880 VT2P	80	66	27	22	58.9	--	--	125	74	99	--
Thunder Seed	6782 VT2P	81	69	35	27	62.3	--	--	--	75	--	--
Thunder Seed	4383 VT2P	83	64	29	22	58.5	--	--	129	68	99	--
Thunder Seed	6983 VT2P	83	67	30	26	60.7	--	--	--	77	--	--
REA Hybrids	1B780	79	65	29	24	59.1	--	--	--	68	--	--
REA Hybrids	1B811	81	66	29	21	58.1	--	--	--	58	--	--
REA Hybrids	2B861	86	68	30	30	61.5	--	--	--	73	--	--
Integra	2803	78	68	32	21	57.0	175	111	135	58	96	120
Integra	3282	82	69	30	28	62.7	--	--	--	64	--	--
Integra	3325 Av-3010A	83	69	28	27	58.6	--	--	--	74	--	--
Integra	3537 VT2PRIB	85	70	29	31	63.4	169	130	143	75	109	129
Integra	2601 VT2PRIB	76	64	29	23	60.4	--	--	120	63	91	--
Peterson Farms Seed	71V81	81	65	29	23	57.7	--	--	--	78	--	--
Peterson Farms Seed	78A82	82	69	30	30	64.2	--	--	136	59	97	--
Peterson Farms Seed	71D83	81	66	27	26	60.2	142	139	117	58	88	114
Hefty Seed	H3302	83	69	31	31	62.9	174	147	146	62	104	132
Hefty Seed	H3712	87	69	30	29	62.1	--	--	--	61	--	--
Hefty Seed	H3022	80	67	28	24	57.7	--	--	--	58	--	--
Hefty Seed	H3502	85	69	28	28	60.0	--	--	138	57	98	--
Hefty Seed	H3202	82	69	29	24	58.5	155	136	130	68	99	122
Hefty Seed	H3322	83	68	29	28	61.1	--	--	--	64	--	--
Hefty Seed	H3122	81	69	31	26	61.5	--	--	--	66	--	--
Hefty Seed	H2922	79	62	27	20	56.1	--	--	--	77	--	--
Hefty Seed	H2802	78	65	33	24	59.5	170	123	121	58	90	118

Continued on next page

Grain Corn Variety Trial at Minot Continued

Company / Brand	Hybrid	Relative Maturity	Days to Silk	Ear Height	Harvest Moisture	Test Weight	Grain Yield					
							2016 ^a	2016 ^b	2017 ^c	2018 ^d	2 yr Avg	3 yr Avg
		days	DAP*	inches	%	lbs/bu	bushels per acre					
Legacy Seeds	L-2516 VT2P	84	68	30	30	61.6	--	--	152	63	107	--
Legacy Seeds	L-2314 VT2P	83	68	34	27	59.7	147	152	164	82	123	136
Legacy Seeds	L-2245 VT2P	82	66	30	25	60.7	184	130	140	70	105	131
Legacy Seeds	L-2213 VT2P	80	63	28	21	57.1	135	145	139	68	103	122
Legacy Seeds	L-1814 VT2P	78	64	31	23	59.0	167	135	143	68	106	128
Legacy Seeds	L-1746 VT2P	75	63	33	20	57.4	--	--	125	72	99	--
Proseed	1480	80	64	31	25	61.3	127	141	142	67	104	119
Proseed	1879	79	64	29	23	58.7	--	--	--	63	--	--
Proseed	1378	78	67	30	23	58.8	--	--	131	68	99	--
Trial Mean			66	30	24	59.1	163	135	134	68	--	--
C.V.%			2.0	6.0	10.2	3.1	12.6	10.8	8.1	10.7	--	--
LSD 5%			2	3	4	3.0	33	24	18	12	--	--
LSD 10%			2	2	3	2.5	28	20	15	10	--	--

*DAP = Days after planting.

^a 2016 Strip till planted on May 20 into soy stubble and harvested on October 20.

^b 2016 No-till twin rows planted on June 3 into soy stubble and harvested on November 9.

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

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

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.