

**NDSU North Central Research Extension Center
2017 Grain Corn Variety Trial at Minot**

Company / Brand	Hybrid	Relative Maturity	Days to Silk	Ear Height	Harvest Moisture	Test Weight	Grain Yield						
							2015 ^a	2016 ^b	2016 ^c	2017 ^d	Avg. ^e	2 yr Avg	3 yr Avg
		days	DAP*	inches	%	lbs/bu	bushels per acre						
Integra	3537	85	92	35	19	53.3	163	169	130	143	136	147	151
Integra	3142	81	90	33	15	56.4	121	160	102	143	122	135	131
Integra	2803	78	92	32	17	54.7	122	140	134	116	125	130	128
Integra	3236	82	88	35	17	56.8	--	175	111	135	123	140	--
Integra	2601	76	86	32	17	58.2	--	--	--	120	--	--	--
Legacy Seeds	L-2314 VT2P	83	88	37	16	54.9	150	147	152	164	158	154	153
Legacy Seeds	LS-1814 VT2P	79	88	34	16	56.2	129	167	135	143	139	148	144
Legacy Seeds	L-2213 VT2P	81	87	33	15	56.4	143	135	145	139	142	140	141
Legacy Seeds	L-2245 VT2P	82	89	35	17	56.0	--	184	130	140	135	151	--
Legacy Seeds	L-2546 RR2	79	88	39	18	55.6	--	--	--	158	--	--	--
Legacy Seeds	L-2516 VT2P	84	89	32	19	54.9	--	--	--	152	--	--	--
Legacy Seeds	L-1943 VT2P	81	86	34	17	57.5	--	--	--	146	--	--	--
Legacy Seeds	L-1713 RR2	78	88	35	16	55.5	--	--	--	141	--	--	--
Legacy Seeds	LS-1746 VT2P	78	88	32	15	57.9	--	--	--	125	--	--	--
Legacy Seeds	L-2436 3220	84	90	32	17	55.9	--	--	--	120	--	--	--
Proseed	1480	80	88	33	15	56.0	133	127	141	142	141	137	136
Proseed	1280	80	86	30	18	57.3	120	146	114	138	126	133	129
Proseed	1377	77	89	34	17	56.9	--	--	--	138	--	--	--
Proseed	1378	78	93	34	16	55.8	--	--	--	131	--	--	--
Proseed	1278	78	89	32	16	52.7	--	--	--	125	--	--	--
NuTech/G2 Genetics	5F-379	79	86	33	18	56.9	135	185	155	137	146	159	153
NuTech/G2 Genetics	5F-775	75	85	34	15	54.5	131	153	137	139	138	143	140
NuTech	5N-183	83	89	34	19	57.3	167	202	187	138	162	176	173
NuTech	5N-886	86	88	32	18	55.6	--	173	157	144	150	158	118
NuTech	5GN-8484	84	89	30	15	54.2	--	181	158	121	140	153	--
NuTech	X5GN-8105	81	89	30	18	56.0	--	--	--	143	--	--	--
NuTech	X5FN-8504	85	88	33	19	54.7	--	--	--	138	--	--	--
NuTech	X5GN-7603	76	89	32	14	55.5	--	--	--	112	--	--	--

2017 Grain Corn Variety Trial at Minot Continued

Company / Brand	Hybrid	Relative Maturity	Days to Silk	Ear Height	Harvest Moisture	Test Weight	Grain Yield						
							2015 ^a	2016 ^b	2016 ^c	2017 ^d	Avg. ^e 2 yr	Avg 3 yr	
							bushels per acre						
Hefty Seed	H3302	83	88	35	16	54.7	--	174	147	146	146	156	--
Hefty Seed	H3202	82	89	36	18	56.2	--	155	136	130	133	140	--
Hefty Seed	H2802	78	90	35	15	55.6	--	170	123	121	122	138	--
Hefty Seed	H2602	76	85	34	17	57.5	--	167	109	129	119	135	--
Hefty Seed	H3502	85	90	34	19	54.5	--	--	--	138	--	--	--
Hefty Seed	H2512	75	84	30	16	58.0	--	--	--	127	--	--	--
Peterson Farms Seed	71D83	81	87	32	17	55.4	132	142	139	117	128	133	133
Peterson Farms Seed	71C80	80	87	29	19	57.6	--	150	119	122	121	130	--
Peterson Farms Seed	78A82	82	91	32	17	56.1	--	--	--	136	--	--	--
Thunder Seed	6882 VT2P	82	90	33	18	58.1	--	--	--	131	--	--	--
Thunder Seed	4383 VT2P	83	88	34	17	57.7	--	--	--	129	--	--	--
Thunder Seed	4578 RR	78	89	35	16	56.9	--	--	--	126	--	--	--
Thunder Seed	6880 VT2P	80	88	31	15	56.8	--	--	--	125	--	--	--
Thunder Seed	6874 VT2P	74	84	32	15	58.4	--	--	--	120	--	--	--
Trial Mean			88	33	17	56.1	132	163	135	134	--	--	--
C.V.%			1.4	5.1	10.7	2.3	8.2	12.6	10.8	8.1	--	--	--
LSD 5%			2	3	3	2.1	15	33	24	18	--	--	--
LSD 10%			2	2	2	1.8	13	28	20	15	--	--	--

*DAP = Days after planting.

^a 2015 No-till planted on May 5 into soy stubble and harvested on October 17.

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

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

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

^e Average of 2016 and 2017 twin row trials.

Planting Rate: 28,000 seeds/A

Soil Type: Williams Loam

Note: Test weights and yields are adjusted to 15.5% moisture.