

Grain Corn Variety Trial using Strip Tillage* at Minot

North Central Research Extension Center

Company/Brand	Hybrid	Relative Maturity	Days to Silk	Ear Height	Harvest Moisture	Test Weight	Grain Yield				
							2014	2015	2016	Average-	
		days	DAP**	inches	%	lbs/bu	---bu/A-----				
							2014	2015	2016	2 year	3 year
NuTech	5N-183	83	V3	42	24	59.0	168	167	202	185	179
NuTech	X5G-8001	80	63	38	21	60.9	--	--	141	--	--
NuTech	X5B-8403	84	V3	38	21	57.6	--	--	181	--	--
NuTech	5N-886	86	66	39	25	60.3	--	--	173	--	--
NuTech/G2 Genetics	5F-781	81	V3	46	23	57.6	--	152	185	168	--
NuTech/G2 Genetics	5F-775	75	63	43	19	57.0	--	131	153	142	--
NuTech/G2 Genetics	5F-379	79	V3	41	21	58.6	--	135	185	160	--
Integra	2803 VT2PRIB	78	65	43	20	59.7	140	122	140	131	134
Integra	3142 VT2PRIB	81	V3	44	21	59.3	155	121	160	140	145
Integra	3236 VT2PRIB	82	66	46	24	60.5	--	--	175	--	--
Integra	3537 VT2PRIB	85	V3	44	24	58.9	--	163	169	166	--
Legacy	L-1814 VT2PRO	79	V3	43	24	61.7	147	129	167	148	148
Legacy	L-2213 VT2PRO	80	63	37	21	60.2	163	143	135	139	147
Legacy	L-2245 VT2PRO	82	65	44	20	59.4	--	--	184	--	--
Legacy	L-2314 VT2PRO	83	65	44	21	59.0	145	150	147	149	147
Syngenta	N07H 3110	77	66	45	21	60.9	--	--	193	--	--
Syngenta	N08L 3010	78	63	43	20	58.9	--	--	155	--	--
Syngenta	N15J 3110	82	67	44	24	60.3	--	--	187	--	--
Syngenta	N17R 3010A	84	68	40	27	60.7	--	--	159	--	--
Latham	LH 2937 VT2Pro	79	65	45	23	60.9	--	141	175	158	--
Latham	LH 3032 RR	80	64	43	23	59.0	--	--	167	--	--
Latham	LH 3397 VT2 Pro	83	64	37	21	58.6	--	135	128	132	--
REA Hybrids	1B790-RIB	79	66	45	22	60.6	145	134	148	141	142
REA Hybrids	1B820-RIB	82	64	44	22	59.4	146	132	152	142	143
REA Hybrids	2B840-RIB	84	65	43	25	58.5	--	147	195	171	--
Proseed	1280 VT2P	80	65	41	20	59.0	135	120	146	133	134
Proseed	1480 VT2P	80	65	44	22	58.5	--	133	127	130	--
Proseed	1383 VT2P	83	65	40	22	57.6	155	114	171	142	147
Proseed	1283 VT2P	83	64	38	22	60.6	126	103	160	132	130
Proseed	1483 VT2P	83	65	43	24	59.4	--	--	137	--	--

continued on next page

Grain Corn Variety Trial using Strip Tillage* at Minot Continued

Company/Brand	Hybrid	Relative Maturity	Days to Silk	Ear Height	Harvest Moisture	Test Weight	Grain Yield				
							2014	2015	2016	Average-	
							---bu/A-----			2 year	3 year
		days	DAP**	inches	%	lbs/bu					
Wensman	W80761VT2RIB	76	62	40	20	60.3	--	--	121	--	--
Wensman	W80809VT2RIB	80	65	43	21	60.3	148	140	178	159	155
Wensman	W80818VT2PRO	81	65	40	20	57.8	--	--	176	--	--
Wensman	W80827VT2RIB	82	65	44	21	58.8	138	129	178	154	148
Wensman	W8083VT2RIB	82	65	45	22	60.7	152	149	174	162	158
Peterson Farms Seed	PFS21N78	78	65	42	23	60.2	--	128	143	136	--
Peterson Farms Seed	PFS71C80	80	65	38	20	60.1	--	--	150	--	--
Peterson Farms Seed	PFS71D83	83	64	38	21	60.2	134	132	142	137	136
Hefty Seed	H2802	78	64	44	20	59.1	--	--	170	--	--
Hefty Seed	H2602	76	62	43	22	61.6	--	--	167	--	--
Hefty Seed	H3202	82	64	41	21	59.3	--	--	155	--	--
Hefty Seed	H3302	83	64	43	22	58.8	--	--	174	--	--
Trial Mean			65	42	22	59.5	141	132	163	--	--
C.V.%			1.3	6.3	9.1	2.4	5.4	8.2	12.6	--	--
LSD 5%			1	4	3	2.3	11	15	33	--	--
LSD 10%			1	4	3	1.9	9	13	28	--	--

*Spring strip till created with a Dawn Equipment Pluribus system.

**DAP = Days after planting.

Planting Date: May 20

Harvest Date: October 20

Plant Population: 28,000 Plants/A

Row Spracing: 30"

Soil Type: Williams Loam

Previous Crop: 2013 = Barley, 2014 & 2015 = soybean

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