

2014 Non-Roundup Ready Soybean Variety Trial—Minot

Company/Brand	Variety	Maturity Group	Herbicide System	IDC Rating	Days to Mature	Plant Height	Protein	Oil	Test Weight	----- Seed Yield -----		
										2013	2014	Avg
				1-5 ^a	DAP ^b	inches	%	%	lbs/bu	bushels per acre		
Thunder Seed	5401LL	0.1	LL	1.7	117	29	26.6	17.0	55.0	--	32.3	--
Thunder Seed	5205LL	0.5	LL	2.0	124	36	27.9	16.4	57.1	--	47.5	--
Thunder Seed	5303 LL	0.3	LL	2.0	121	27	28.9	17.1	56.4	--	48.6	--
Northstar Genetics	0095LL	00.9	LL	1.5	115	28	26.9	16.9	56.5	51.1	39.3	45.2
Northstar Genetics	0129LL	0.1	LL	1.9	120	29	25.8	17.5	56.1	--	43.3	--
Integra	30080	0.08	LL	1.6	117	27	26.9	17.0	56.3	51.1	32.7	41.9
Integra	30300	0.3	LL	1.9	119	27	26.8	17.6	55.6	47.3	41.9	44.6
NDSU	Cavalier	00.9	Conv	2.3	114	28	27.7	16.9	56.0	40.6	32.3	36.4
NDSU	Traill	0.0	Conv	1.6	119	28	29.5	16.3	58.3	43.6	45.1	44.4
NDSU	Sheyenne	0.7	Conv	1.8	124	31	25.7	16.8	57.6	41.3	39.5	40.4
NDSU	Ashtabula	0.4	Conv	2.2	122	29	25.2	17.1	56.6	39.3	51.7	45.5
check	RG607	0.7	RR	2.0	123	29	27.6	17.2	57.5	--	45.7	--
Check	AG 00932	00.9	RR	1.3	123	30	26.5	16.7	57.2	--	38.0	--
Trial Mean					120	29	27.2	17.0	56.7	45.8	41.7	--
C.V.%					0.8	6	1.0	1.5	1.4	4.7	8.8	--
LSD 10%					1	2	0.3	0.3	0.9	2.6	4.4	--

^a IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead

^b DAP = days after planting.

Planting Date: May 23

Planting Rate: 200,000 PLS/A

Row Spacing: Solid Seeded (6" rows)

Harvest Date: October 21

Previous Crop: 2012 & 2013 = durum

Soil Type: Williams Loam

Note: Oil, protein, test weight and yield are adjusted to 13% moisture.