

2013 Soybean Non-Roundup Ready Variety Trial—Minot

North Central Research Extension Center—Minot

Company/Brand	Variety	Maturity Group	Herbicide System	IDC Rating	Days to Mature	Lodging	Protein	Oil	Test Weight	Seed Yield			
										2012	2013	2 yr Avg	
				1-5 ^a	DAP ^b	0-9 ^c	%	%	lbs/bu	----	bushels	per acre	----
Northstar Genetics	0095LL	00.9	LL	2.1	123	2	37.5	15.4	58.4	--	51.1	--	
Integra	30080LL	0.08	LL	2.3	125	1	37.9	15.4	58.1	--	51.1	--	
Integra	30300NLL	0.3	LL	2.4	130	2	37.3	15.4	58.2	51.0	47.3	49.2	
Peterson Farms Seed	PFS L03-12N	0.3	LL	2.2	128	2	38.0	15.1	59.7	48.4	49.4	48.9	
Peterson Farms Seed	PFS L01-14	0.1	LL	2.6	130	2	37.1	15.2	57.8	--	52.1	--	
S.K. Foods	SK007	000.4	conv	2.7	119	2	39.2	15.4	58.2	--	35.5	--	
S.K. Foods	SK923	0.0	conv	2.4	122	2	35.7	16.1	58.3	--	44.7	--	
NDSU	ProSoy	0.8	conv	2.6	129	1	36.8	15.1	58.1	34.3	41.7	38.0	
NDSU	Traill	0.0	conv	2.4	126	2	38.3	14.4	58.7	36.1	43.6	39.8	
NDSU	Ashtabula	0.4	conv	2.4	127	2	39.3	14.7	57.8	44.1	39.3	41.7	
NDSU	Sheyenne	0.7	conv	2.4	125	1	38.8	15.0	58.1	49.1	41.3	45.2	
NDSU	Cavalier	00.9	conv	2.7	125	1	37.0	15.7	58.3	45.1	40.6	42.8	
Trial Mean						126	2	37.9	15.1	58.4	42.3	45.8	--
C.V.%						3.1	41	1.3	2.4	1.0	6.3	4.7	--
LSD 10%						5	NS	0.6	0.4	0.7	3.1	2.6	--

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

^bDAP = days after planting.

^cLodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting Date: May 17

Planting Rate: 200,000 PLS/A

Row Spacing: Solid Seeded (6" rows)

Harvest Date: October 26

Previous Crop: 2012 = durum, 2011 = summer fallow

Soil Type: Williams loam

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