

Soybean Variety Trial at Rugby

Cooperators: Dave Teigen and the Pierce County Crop Improvement Assoc.

Company/Brand	Variety	Herbicide System	Maturity Group	IDC Rating	Plant Height	Protein	Oil	Test Weight	Yield
				1-5 ^a	inches	%	%	lbs/bu	bu/A
Integra	50309N	XT	0.3	1.8	27	29.9	16.3	56.2	66.3
Integra	20126	RR	0.1	2.5	27	31.4	17.2	55.8	63.7
Integra	20215	RR	0.2	2.6	25	31.2	16.9	56.3	54.8
REA Hybrids	RX0228	XT	0.2	1.6	27	30.9	17.1	56.3	60.1
REA Hybrids	RX00749	XT	00.7	1.9	21	31.0	17.4	56.5	55.9
REA Hybrids	R00727	RR	00.7	2.2	21	31.0	16.9	55.9	53.6
Legacy Seeds	LS-0237 RR2X	XT	0.2	2.7	30	29.9	17.0	55.8	68.4
Legacy Seeds	LS-0135 RR2	RR	00.9	2.6	26	30.9	18.0	56.4	58.6
Legacy Seeds	LS-00937 RR2X	XT	00.9	2.1	25	30.4	16.7	57.0	57.2
Legacy Seeds	LS-0337N RR2X	XT	0.3	2.2	22	31.4	16.8	55.8	57.2
Legacy Seeds	LS-0239N RR2X	XT	0.2	1.8	26	29.7	16.6	56.1	53.8
NorthStar	NS 60092XR2	XT	00.9	2.4	22	30.8	16.9	57.1	65.8
NorthStar	NS 0111R2	RR	0.1	2.8	27	30.9	18.0	56.0	61.4
NorthStar	NS 60264N XR2	XT	0.2	2.0	29	29.9	16.6	56.0	57.3
Thunder	SB88007N	XT	00.7	2.3	25	30.3	17.5	56.3	67.9
Thunder	ASTRO	RR	00.8	2.3	26	31.0	16.8	56.6	61.1
Thunder	39005 R2Y	RR	00.5	2.2	24	31.8	17.5	56.3	59.8
Thunder	SB89006N	XT	00.6	1.8	26	31.9	16.9	56.3	53.7
Hefty Seed	H02x9	XT	0.2	1.9	28	29.4	16.2	55.2	65.2
Hefty Seed	H03x8	XT	0.3	2.5	28	29.7	16.7	54.9	63.7
Hefty Seed	H02x7	XT	0.2	2.5	31	29.8	17.2	55.6	61.1
Hefty Seed	009x7	XT	00.9	2.2	27	30.8	16.4	56.3	54.4
Hefty Seed	H008x8	XT	00.8	2.5	25	30.3	17.4	56.6	51.8
NDSU	ND17009GT	GT	00.9	3.1	28	33.3	17.3	58.0	57.4
NDSU	ND18008GT	GT	00.8	2.6	21	31.8	17.4	56.7	56.2
Trial Mean				2.4	25	30.8	17.0	56.3	58.6
C.V.%				14.1	6.7	1.8	1.4	1.1	6.4
LSD 5%				0.3	2	0.8	0.3	0.9	5.2
LSD 10%				0.3	2	0.7	0.3	0.7	4.4

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

Planting Date: May 23

Harvest Date: September 29

Planting Rate: 150,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Soil Type: Gardena silt loam

Tillage: Minimum Till

Previous Crop: Barley

Note: Protein, oil, test weight and yield are adjusted to 13% moisture.