

**NDSU North Central Research Extension Center
2017 RR Soybean Variety Trial at Wilton**

Cooperator: Rod Binstock, Baldwin

Company	Variety	Herbicide System	Maturity Group	IDC Rating	Plant Height	Protein	Oil	Test Weight	Yield 2016	Yield 2017	Yield Avg.
				1-5 ^a	inches	%	%	lbs/bu	-----	bu/A	-----
Integra	20300	RR	0.3	--	28	32.8	15.6	56.3	53.3	47.5	50.4
Integra	20215	RR	00.9	2.2	27	31.8	15.6	55.8	48.7	46.6	47.7
Integra	20126	RR	0.1	2.1	28	32.4	16.1	55.5	--	53.7	--
Integra	50319N	XT	0.3	--	29	32.1	15.4	56.5	--	43.5	--
NDSU	ND17009GT	RR	00.9	2.7	27	34.0	16.4	57.5	--	41.5	--
Legacy Seeds	LS-0334 RR2	RR	0.3	2.2	31	34.0	15.4	56.5	58.8	53.3	56.1
Legacy Seeds	LS-0337N RR2X	XT	0.3	2.1	26	32.3	16.1	56.2	49.9	48.9	49.4
Legacy Seeds	LS-0135 RR2	RR	00.9	1.9	30	32.4	16.4	55.6	49.0	48.2	48.6
Legacy Seeds	LS-00835N RR2	RR	00.8	2.3	29	33.0	15.7	55.0	47.1	46.7	46.9
Legacy Seeds	LS-0214 RR2	RR	0.2	2.1	28	32.6	16.1	55.3	--	56.8	--
Legacy Seeds	LS-0237 RR2X	XT	0.2	2.3	33	31.8	15.7	55.9	--	54.4	--
Legacy Seeds	LS-00937 RR2X	XT	00.9	1.9	30	32.9	14.9	56.2	--	54.1	--
Legacy Seeds	LS-0438 RR2X	XT	0.4	2.1	28	32.5	16.2	55.7	--	48.0	--
Legacy Seeds	LS-00538N RR2X	XT	00.5	2.0	30	30.5	16.2	55.8	--	46.8	--
Legacy Seeds	LS-00737N RR2X	XT	00.7	2.0	26	32.1	15.5	55.9	--	46.1	--
Legacy Seeds	LS-00834 RR2	RR	00.8	2.1	23	32.1	15.0	54.4	--	43.9	--
Proseed	20-30	RR	0.3	2.1	27	32.8	15.7	56.0	58.3	50.5	54.4
Proseed	30-20	RR	0.2	1.9	27	32.7	16.1	55.6	--	58.0	--
Proseed	11-50	RR	0.5	--	30	32.1	15.7	56.5	--	55.3	--
Proseed	XT 605	XT	0.5	--	29	33.3	15.7	55.2	--	43.8	--
Thunder Seed	SB8703	XT	0.3	2.1	33	31.8	15.9	56.0	--	55.2	--
Thunder Seed	3601 R2Y	RR	0.1	2.0	30	32.7	16.6	55.6	--	49.1	--
Thunder Seed	SB87009	XT	00.9	1.8	28	32.8	14.8	56.1	--	47.3	--
Thunder Seed	SB88007N	XT	00.7	1.9	29	31.7	16.3	55.7	--	45.4	--
Thunder Seed	37004 R2Y	RR	00.4	2.3	26	32.8	16.2	55.6	--	44.4	--
Thunder Seed	34006 R2Y	RR	00.6	2.4	26	32.2	16.0	55.0	--	42.4	--
Thunder Seed	Astro	RR	00.8	1.8	25	33.0	15.1	55.8	--	41.5	--
Thunder Seed	36008 R2YN	RR	00.8	2.3	27	33.0	15.7	55.7	--	39.9	--
REA Hybrids	RX0327	XT	0.3	2.2	27	32.4	16.3	56.0	--	49.0	--
REA Hybrids	RX0516	XT	0.5	2.6	27	32.7	14.8	56.5	--	48.8	--
Wensman	W3024R2	RR	0.2	2.3	29	31.8	15.7	56.1	40.6	50.8	45.7
Wensman	W1011RX	XT	0.1	2.3	29	32.7	16.2	55.8	--	53.7	--
Wensman	W1048NRX	XT	0.4	2.0	28	32.3	16.2	56.4	--	51.3	--
Wensman	W1039NRX	XT	0.3	2.3	30	32.0	15.5	55.6	--	42.8	--
Hefty Seed	H05x7	XT	0.5	2.4	30	33.1	15.3	56.1	54.8	49.6	52.2
Hefty Seed	H03x7	XT	0.3	2.1	27	32.9	15.9	56.2	47.8	49.5	48.7
Hefty Seed	H009x7	XT	00.9	1.9	30	32.7	14.9	56.5	46.9	50.3	48.6
Hefty Seed	H00R6	RR	0.0	--	30	32.4	16.7	55.7	--	48.6	--
Hefty Seed	H008x8	XT	00.8	2.3	28	31.7	16.3	55.3	--	43.4	--
Hefty Seed	H005x8	XT	00.5	2.1	27	30.7	16.2	55.5	--	43.1	--
Hefty Seed	H007x7	XT	00.7	2.1	24	32.2	15.7	56.5	--	42.8	--
Dyna-Gro	S03RY36	RR	0.3	1.8	26	33.5	15.6	56.4	--	55.9	--
Dyna-Gro	S05XT88	XT	0.5	2.3	28	32.7	16.3	55.8	--	45.5	--
Trial Mean				2.2	28	32.5	15.8	55.9	49.4	47.7	--
C.V.%				21.4	7.7	1.5	1.8	1.1	8.2	8.6	--
LSD 5%				0.3	3	0.7	0.4	0.9	5.7	5.8	--
LSD 10%				0.2	3	0.6	0.3	0.7	4.7	4.8	--

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

Planting Date: May 19

Harvest Date: October 2

Row Spacing: Solid Seeded (7" rows)

Soil Type: Williams loam

Previous Crop: 2014 = spring wheat, 2015 = soy, 2016 = spring wheat

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