

**Soybean Variety Trial at Wilton**

Cooperator: Rod Binstock, Baldwin

Company/Bran	Variety	Herbicide System	Maturity Group	IDC Rating	Protein %	Oil %	Test Weight lbs/bu	Yield ----- bushels/acre -----				
								2016	2017	2018	2 yr	3 yr
Integra	20300	RR	0.3	2.4	32.0	16.1	54.6	53.3	47.5	30.8	39.2	43.9
Integra	50309N	XT	0.3	1.8	30.0	16.1	54.7	--	--	33.6	--	--
LG Seeds	LGS0355RX	XT	0.3	1.8	30.0	16.1	54.7	--	--	33.1	--	--
LG Seeds	LGS0111RX	XT	0.1	2.4	32.1	16.4	54.3	--	--	32.6	--	--
LG Seeds	LGS0224R2	RR	0.2	2.6	30.6	16.7	54.5	--	--	31.5	--	--
REA Hybrids	RX0327	XT	0.3	2.2	30.8	16.6	54.0	--	49.0	35.8	42.4	--
REA Hybrids	RX0516	XT	0.5	3.1	33.0	15.3	54.4	--	48.8	33.0	40.9	--
Legacy Seeds	LS-0334 RR2	RR	0.3	2.3	32.6	16.1	54.3	58.8	53.3	36.2	44.8	49.4
Legacy Seeds	LS-0337N RR2X	XT	0.3	2.2	31.8	16.6	54.1	49.9	48.9	33.9	41.4	44.2
Legacy Seeds	LS-0438 RR2X	XT	0.4	2.6	31.7	16.6	54.2	--	48.0	35.7	41.8	--
Legacy Seeds	LS-0638N RR2X	XT	0.6	2.7	30.9	15.8	54.2	--	--	36.1	--	--
Dyna-Gro	S05XT88	XT	0.5	2.4	32.2	16.5	54.1	--	45.5	33.7	39.6	--
Dyna-Gro	S06XT59	XT	0.6	2.7	30.6	15.8	54.3	--	--	37.1	--	--
Dyna-Gro	S03XT29	XT	0.3	1.8	30.4	15.9	54.6	--	--	34.0	--	--
Dyna-Gro	S04XT77	XT	0.4	2.3	31.4	16.5	54.1	--	--	32.7	--	--
Dyna-Gro	S009XT68	XT	00.9	2.1	30.9	16.4	54.8	--	--	32.0	--	--
Thunder Seed	3503 R2Y	RR	0.3	2.0	32.8	16.0	54.8	--	--	34.5	--	--
Thunder Seed	SB8903N	XT	0.3	1.8	30.6	16.1	54.7	--	--	31.2	--	--
Hefty Seed	H03x7	XT	0.3	--	31.9	16.3	54.2	47.8	49.5	33.5	41.5	43.6
Hefty Seed	009x7	XT	00.9	2.2	30.7	16.4	54.8	46.9	50.3	31.9	41.1	43.0
Hefty Seed	H02x9	XT	0.2	1.9	30.3	16.2	54.6	--	--	33.0	--	--
Hefty Seed	H03x8	XT	0.3	2.5	31.1	16.3	54.4	--	--	32.3	--	--
Hefty Seed	H02x7	XT	0.2	2.5	30.8	16.9	54.6	--	--	32.0	--	--
NDSU	ND17009GT	GT	00.9	3.1	32.5	17.1	56.1	--	41.5	24.7	33.1	--
NDSU	ND18008GT	GT	00.8	2.6	31.6	17.0	54.9	--	32.4	27.9	30.1	--
Trial Mean				2.4	31.2	16.4	54.5	49.4	47.7	31.9	--	--
C.V.%				14.1	3.0	2.4	0.5	8.2	8.6	8.5	--	--
LSD 5%				0.3	1.3	0.6	0.4	5.7	5.8	3.8	--	--
LSD 10%				0.3	1.1	0.5	0.3	4.7	4.8	3.2	--	--

<sup>a</sup> IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead

Planting Date: May 22

Harvest Date: October 7

Planting Rate: 150,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Soil Type: Williams loam

Tillage: No-till

Previous Crop: 2015 = soybean, 2016 = spring wheat, 2017 = soybean

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