

## Soybean Variety Trial at Wilton

Cooperator: Rod Binstock, Baldwin

Company/Brand	Variety	Herbicide System	Maturity Group	IDC Rating	Plant Height	Lodging	Protein %	Oil %	Yield		
									2015	2016	Avg.
				1-5 <sup>a</sup>	inches	0-9 <sup>b</sup>	%	%	----- bu/A -----		
Integra	20215	RR	0.1	2.5	28	0	33.3	15.5	49.7	48.7	49.2
Integra	20300	RR	0.3	2.3	29	0	32.9	15.7	50.4	53.3	51.9
Integra	20468	RR	0.4	1.8	30	0	32.9	15.6	--	47.7	--
Integra	50098R2X	Xtend	0.4	1.8	33	1	33.1	15.2	--	49.0	--
Syngenta	S006-W5	RR	00.6	2.5	28	0	34.1	16.5	--	50.0	--
Syngenta	S007-Y4	RR	00.5	2.0	25	0	32.6	16.7	--	48.6	--
Syngenta	S02-R2	RR	0.2	2.1	31	1	34.4	15.2	--	54.5	--
Syngenta	S04-D3	RR	0.4	2.4	30	0	32.9	15.7	--	52.9	--
REA Hybrids	R0216	RR	0.2	1.5	33	1	33.1	16.8	--	46.3	--
REA Hybrids	64G94	RR	0.4	1.6	32	1	31.6	16.9	--	54.8	--
Mycogen Seeds	5B033R2	RR	0.3	2.1	28	0	32.3	16.3	58.3	52.8	55.6
Mycogen Seeds	5B024R2	RR	0.2	1.7	32	0	33.2	15.6	41.1	41.5	41.3
Mycogen Seeds	5B040R2	RR	0.4	2.4	28	0	32.6	15.7	--	53.3	--
Mycogen Seeds	5N078R2	RR	0.7	2.2	30	0	33.7	15.1	--	52.4	--
Proseed	XT6007	Xtend	00.7	1.7	28	0	33.1	15.8	--	44.1	--
Proseed	XT6009	Xtend	00.9	1.8	33	0	33.1	15.5	--	45.6	--
Proseed	XT603	Xtend	0.3	2.0	35	0	32.7	16.1	--	52.5	--
Proseed	20-30	RR	0.3	2.1	28	0	33.3	15.5	--	58.3	--
Proseed	30-80	RR	0.8	2.3	31	1	34.0	15.8	--	52.5	--
Proseed	10-08	RR	00.8	1.9	30	1	33.8	15.6	--	49.6	--
Hefty	H006R7	RR	00.6	1.8	26	0	32.8	16.4	--	43.0	--
Hefty	H008R3	RR	00.8	1.5	28	1	32.3	16.3	36.7	49.6	43.1
Hefty	H008R6	RR	00.8	2.3	29	1	33.8	15.6	43.0	38.5	40.7
Hefty	H009R3	RR	00.9	2.6	26	0	33.0	15.5	52.4	50.0	51.2
Hefty	H009R5	RR	00.9	1.5	31	2	33.7	16.3	30.0	44.2	37.1
Hefty	H00R6	RR	0.0	--	32	1	33.4	16.5	--	45.6	--
Hefty	H01R4	RR	0.1	2.1	27	0	33.3	15.3	--	49.1	--
Hefty	H02R3	RR	0.2	2.3	30	0	32.5	15.6	49.1	53.3	51.2
Hefty	H009X7	Xtend	00.9	2.0	32	0	32.7	15.4	--	46.9	--
Hefty	H02X7	Xtend	0.2	2.0	35	0	32.5	16.3	--	51.6	--
Hefty	H03X7	Xtend	0.3	2.0	29	1	32.3	16.2	--	47.8	--
Hefty	H05X7	Xtend	0.5	2.2	31	0	32.9	15.2	--	54.8	--
Wensman	W1016RX	Xtend	0.1	1.6	33	0	33.3	15.2	--	48.4	--
Wensman	W1037RX	Xtend	0.3	1.8	35	0	32.2	16.3	--	49.9	--
Wensman	W3024R2	RR	0.2	2.0	28	0	33.4	15.7	--	40.6	--
Wensman	W3031NR2	RR	0.3	1.8	36	1	33.1	15.1	--	47.7	--
Legacy Seed	LS-0334 RR2	RR	0.3	1.5	29	0	33.4	15.7	56.0	58.8	57.4
Legacy Seed	LS-0135 RR2	RR	0.1	2.2	36	1	33.4	16.6	44.9	49.0	47.0
Legacy Seed	LS-00835N RR2	RR	00.8	2.3	29	0	33.8	15.8	36.4	47.1	41.8
Legacy Seed	LS-0337N RRXT	Xtend	0.3	2.0	29	1	32.4	16.0	--	49.9	--
NorthStar	NS 0111R2	RR	0.1	1.9	35	1	33.3	16.7	--	49.3	--
NorthStar	NS 0200NR2	RR	0.2	1.6	37	1	32.7	15.2	--	48.6	--
NorthStar	NS 0318R2	RR	0.3	2.1	31	0	32.6	15.6	--	51.7	--
NorthStar	NS 0480NR2	RR	0.4	1.9	30	0	33.2	15.1	--	55.3	--
NuTech	NT6048	RR	0.4	1.7	32	1	34.0	15.7	--	50.9	--
Trial Mean				2.0	31	0	33.1	15.8	46.4	49.4	--
C.V.%				--	6.3	167	1.6	2.0	8.9	8.2	--
LSD 5%				0.3	3	1	0.7	0.4	5.8	5.7	--
LSD 10%				0.2	2	1	0.6	0.4	4.9	4.7	--

<sup>a</sup> IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead<sup>b</sup> Lodging: 0 = none, 9 = lying flat on the ground.

Planting Date: June 2

Planting Rate: 100,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Harvest Date: September 30

Previous Crop: 2014 - spring wheat, 2015 = soybean

Soil Type: Williams loam

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