

**Soybean Variety Trial at Wilton**

Cooperator: Wes Doepke, Wilton

Company/Brand	Variety	Herbicide System	Maturity Group	IDC Rating	Plant Height	Protein %	Oil %	Test Weight	Yield				
									2017	2018	2019	2 yr	3 yr
				1-5 <sup>a</sup>	inchs	%	%	lbs/bu	bushels/acre				
REA Hybrids	RX00810	XT	00.8	2.4	21	36.0	15.4	56.9	--	--	40.5	--	--
REA Hybrids	RX0330	XT	0.3	1.9	24	36.0	15.2	57.3	--	--	44.5	--	--
REA Hybrids	RX0520	XT	0.5	2.1	20	36.8	14.9	57.8	--	--	44.1	--	--
LG Seeds	LGS0111RX	XT	0.1	2.6	25	38.1	14.7	57.7	--	32.6	47.1	39.8	--
LG Seeds	LGS0355RX	XT	0.3	1.8	23	37.0	14.2	57.5	--	33.1	46.5	39.8	--
LG Seeds	LGS0400RX	XT	0.4	2.5	24	35.5	15.3	57.6	--	--	45.2	--	--
Integra	40209 E3	EN	0.2	2.3	20	37.7	14.6	56.9	--	--	44.1	--	--
Integra	20300 R2Y	RR	0.3	2.5	22	37.7	14.6	57.5	47.5	30.8	42.0	36.4	40.1
Integra	50309N R2X	XT	0.3	1.5	22	36.1	14.7	57.8	--	33.6	48.6	41.1	--
Integra	INT40350	EN	0.3	--	20	36.7	15.1	57.6	--	--	38.3	--	--
Proseed	XT 60-09	XT	00.9	2.2	25	35.6	15.7	57.7	--	--	45.2	--	--
Proseed	EL 80-093	EN	00.9	2.2	27	37.3	14.5	57.7	--	--	47.3	--	--
Proseed	50-10	RR	0.1	2.9	27	36.8	15.7	57.9	--	--	49.7	--	--
Proseed	XT 80-20	XT	0.2	1.6	23	36.6	14.7	57.9	--	--	41.4	--	--
Peterson Farms	18X008	XT	00.8	2.3	24	35.3	15.9	57.7	--	--	44.9	--	--
Peterson Farms	19EN008	EN	00.8	1.6	25	36.7	14.8	57.8	--	--	49.4	--	--
Peterson Farms	20X01	XT	0.1	3.2	20	37.4	15.1	57.1	--	--	41.6	--	--
P3 Genetics	2002E	EN	0.2	--	20	37.7	14.4	57.1	--	--	42.9	--	--
Legacy Seeds	LS-0429 E3	EN	0.4	1.8	24	37.8	15.0	57.9	--	--	49.0	--	--
Legacy Seeds	LS-0438 RR2X	XT	0.4	2.6	22	38.3	15.1	57.5	48.0	35.7	46.1	40.9	43.3
Legacy Seeds	LS-0638N RR2X	XT	0.6	2.6	25	36.2	14.7	57.9	--	36.1	48.4	42.3	--
Dyna-Gro	S03XT29	XT	0.3	1.7	26	36.9	14.2	58.1	--	34.0	47.1	40.5	--
Dyna-Gro	S04XT77	XT	0.4	2.4	21	37.2	15.3	57.7	--	32.7	43.5	38.1	--
Dyna-Gro	S05EN70	EN	0.5	2.2	22	36.1	15.6	57.4	--	--	44.5	--	--
Dyna-Gro	S06XT59	XT	0.6	2.6	25	36.9	14.5	57.9	--	37.1	41.1	39.1	--
Thunder Seed	TE79009	EN	00.9	--	24	36.8	14.9	57.5	--	--	48.1	--	--
Thunder Seed	SB8903N	XT	0.3	1.8	25	37.1	14.4	57.8	--	31.2	46.8	39.0	--
Croplan	Croplan RX0426	XT	0.4	--	20	37.0	15.4	57.7	--	--	43.5	--	--
Croplan	Croplan RX0500	XT	0.5	--	19	37.3	15.2	57.5	--	--	43.4	--	--
NDSU	ND18008GT	GT	00.7	2.8	22	37.2	15.7	57.3	32.4	27.9	43.0	35.5	34.4
NDSU	ND17009GT	GT	00.9	3.1	24	38.4	15.3	59.0	41.5	24.7	43.8	34.2	36.7
Trial Mean				2.4	23	36.9	15.0	57.6	47.7	31.9	45.1	--	--
C.V.%				22.6	9.1	1.6	2.0	0.7	8.6	8.5	8.5	--	--
LSD 5%				0.4	3	0.8	0.4	0.6	5.8	3.8	5.4	--	--
LSD 10%				0.3	2	0.7	0.4	0.5	4.8	3.2	4.5	--	--

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

Planting Date: May 29

Harvest Date: October 8

Planting Rate: 150,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Soil Type: Mandan silt loam

Tillage: No-till

Previous Crop: 2016 = spring wheat, 2017 = soybean, 2018 = corn

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