

Soybean Variety Trial at Garrison

Cooperator: Mike Zimmerman, Garrison

Company/Brand	Variety	Herbicide System	Maturity Group	IDC Rating	Plant Height	Test Weight	Protein %	Oil %	Yield		
									2015	2016	Avg.
				1-5 ^a	inches	lbs/bu	%	%	bu/A		
Integra	20215	RR	0.1	2.5	23	57.6	33.0	15.3	33.5	35.6	34.5
Integra	20126	RR	0.1	2.2	23	56.9	32.9	16.0	49.9	33.7	41.8
Integra	20300	RR	0.3	2.3	22	57.7	33.1	15.6	38.2	34.1	36.2
Integra	20468	RR	0.4	1.8	25	57.8	33.0	15.4	--	36.9	--
Peterson Farm	16R01	RR	0.1	1.8	27	57.5	32.4	16.6	36.1	32.8	34.4
Peterson Farm	17X04N	Xtend	0.4	1.8	22	57.5	32.4	16.3	--	36.0	--
Syngenta	S006-W5	RR	00.6	2.5	21	56.1	33.9	16.6	--	37.5	--
Syngenta	S007-Y4	RR	00.5	2.0	22	57.0	32.5	16.9	--	32.4	--
Syngenta	S02-R2	RR	0.2	2.1	23	57.9	33.5	15.4	--	37.1	--
Syngenta	S04-D3	RR	0.4	2.4	24	57.8	31.9	16.0	--	34.7	--
REA Hybrids	R0216	RR	0.2	1.5	26	57.4	32.1	16.6	41.2	36.2	38.7
REA Hybrids	64G94	RR	0.4	1.6	23	57.6	31.6	16.8	39.5	39.4	39.5
Proseed	XT6007	Xtend	00.7	1.7	22	57.5	32.2	16.1	--	31.3	--
Proseed	XT6009	Xtend	00.9	1.8	24	57.7	32.4	15.7	--	32.6	--
Proseed	XT603	Xtend	0.3	2.0	28	57.3	31.5	16.6	--	35.0	--
Proseed	30-20	RR	0.2	1.9	25	56.6	32.9	16.2	29.9	38.1	34.0
Proseed	10-08	RR	00.8	1.9	27	57.7	33.4	15.7	32.7	36.2	34.5
Hefty	H006R7	RR	00.6	1.8	22	56.6	32.1	16.7	--	32.6	--
Hefty	H008R3	RR	00.8	1.5	21	56.7	32.0	16.4	28.6	31.8	30.2
Hefty	H008R6	RR	00.8	2.3	24	57.3	32.0	16.2	30.4	34.7	32.6
Hefty	H009R3	RR	00.9	2.6	22	58.1	32.8	15.8	24.7	38.8	31.7
Hefty	H009R5	RR	00.9	1.5	22	56.6	32.4	16.9	21.4	31.1	26.2
Hefty	H00R6	RR	00	--	29	57.7	32.1	16.9	--	35.2	--
Hefty	H01R4	RR	0.1	2.1	22	57.8	32.6	15.4	--	36.3	--
Hefty	H02R3	RR	0.2	2.3	24	57.9	32.1	15.7	--	42.0	--
Hefty	H009X7	Xtend	00.9	2.0	27	57.9	32.1	15.9	--	36.6	--
Hefty	H02X7	Xtend	0.2	2.0	29	57.6	31.4	16.7	--	36.4	--
Hefty	H03X7	Xtend	0.3	2.0	23	57.2	31.5	16.5	--	37.4	--
Hefty	H05X7	Xtend	0.5	2.2	24	58.3	31.4	15.6	--	38.2	--
Wensman	W30099R2	RR	00.9	1.6	23	57.7	31.1	16.7	--	32.5	--
Wensman	W1016RX	Xtend	0.1	1.6	24	57.8	31.8	15.8	--	38.4	--
Wensman	W1037RX	Xtend	0.3	1.8	27	57.6	32.4	16.3	--	33.4	--
Wensman	W3024R2	RR	0.2	2.0	22	57.4	32.3	15.9	34.7	31.6	33.2
Prairie Brand	PB-00856R2	RR	00.8	2.3	24	56.6	32.7	16.1	--	29.8	--
Prairie Brand	PB-0146R2	RR	0.1	2.2	27	57.4	32.1	17.0	--	38.5	--
Prairie Brand	PB-0397R2	RR	0.3	2.1	25	57.7	32.4	15.7	--	38.0	--
Prairie Brand	PB-0441R2	RR	0.4	2.2	24	57.4	32.4	15.3	--	37.4	--
Legacy Seed	LS-0334 RR2	RR	0.3	1.5	23	57.3	32.3	15.9	41.4	41.0	41.2
Legacy Seed	LS-0135 RR2	RR	0.1	2.2	26	57.1	32.2	16.6	30.9	37.3	34.1
Legacy Seed	LS-00835N RR2	RR	00.8	2.3	24	57.0	33.3	15.9	38.7	34.4	36.5
Legacy Seed	LS-0337N RRXT	Xtend	0.3	2.0	22	57.2	31.3	16.5	--	34.6	--
NorthStar	NS 0081NR2	RR	00.8	2.1	23	56.8	33.3	15.8	--	30.8	--
NorthStar	NS 0090R2	RR	00.9	2.0	20	57.3	32.9	15.8	--	30.4	--
NorthStar	NS 0111R2	RR	0.1	1.9	29	57.1	32.3	16.8	--	36.3	--
NorthStar	NS 0200NR2	RR	0.2	1.6	27	58.0	32.5	15.4	--	38.3	--
NorthStar	NS 0318R2	RR	0.3	2.1	24	57.7	32.6	15.3	--	42.1	--
NuTech	NT 6048	RR	0.4	1.7	24	58.0	33.1	15.9	--	36.9	--
Trial Mean				2.0	24	57.4	32.4	16.1	33.0	35.6	--
C.V.%				--	8.0	0.7	2.5	1.9	12.1	12.2	--
LSD 5%				0.3	3	0.5	1.1	0.4	5.6	6.1	--
LSD 10%				0.2	2	0.4	1.0	0.4	4.7	5.1	--

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

Planting Date: June 2

Planting Rate: 100,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Harvest Date: October 13

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

Soil Type: Williams Bowbells loam

Previous Crop: 2014 - barley, 2015 = canola