

## 2015 Soybean Variety Trial at Mohall

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Assoc.

Company/Brand	Variety	Maturity Group	IDC Rating	Plant Height	Protein %	Oil %	Test Weight lbs/bu	Yield		
								2014	2015	Avg
								----- Yield ----- bushels/acre		
			1-5 <sup>a</sup>	inches	%	%	lbs/bu			
Agventure	008H1R2	00.8	--	39	31.4	17.2	58.0	69.1		
Asgrow	AG 00835	00.8	1.8	32	33.0	16.3	57.7	58.3		
Dyna-Gro Seed	30RY09	00.9	--	39	33.8	15.9	58.1	67.4		
Hefty Seed	H004Y12	00.4	2.2	35	34.1	15.4	58.3	79.5		
Hefty Seed	H009R3	00.9	2.3	33	35.1	14.7	58.6	78.6		
Hefty Seed	H008R3	00.8	1.6	35	33.7	16.4	57.6	67.8		
Hefty Seed	H008R6	00.8	2.0	38	34.3	15.4	57.8	64.1		
Hefty Seed	H009R5	00.9	1.5	37	34.8	16.6	58.3	62.6		
Hefty Seed	H007R5	00.7	1.8	35	34.6	15.1	57.9	52.2		
Integra	20215 RR2Y	0.1	2.3	36	34.3	15.6	58.2	45.8	76.7	61.3
Integra	20090 RR2Y	00.9	1.6	37	33.8	15.9	58.3	43.4	61.0	52.2
Integra	20031 RR2Y	00.8	1.7	39	33.6	16.1	58.1	35.6	55.2	45.4
Integra	20084N RR2Y	00.8	2.1	39	34.3	15.9	57.9	64.4		
Legacy Seeds	LS-0214 RR2	0.2	2.0	40	34.7	15.8	57.9	40.6	69.1	54.8
Legacy Seeds	LS-0134 RR2	0.3	2.1	36	34.4	15.6	57.7	33.4	67.9	50.7
Legacy Seeds	LS-0334 RR2	0.3	1.7	37	34.5	15.5	57.3	25.3	74.9	50.1
Legacy Seeds	LS-0835N RR2	00.8	1.9	37	34.1	15.9	57.9	69.2		
Legacy Seeds	LS-0135 RR2	0.1	2.0	39	33.7	17.1	57.9	64.8		
Mycogen Seeds	5G009R2	00.9	1.7	38	33.7	15.8	58.5	65.1		
Mycogen Seeds	5B007R2	00.7	2.1	33	34.4	15.8	58.2	55.5		
Mycogen Seeds	5B005R2	00.5	1.5	35	34.5	16.2	57.6	55.3		
NorthStar Genetics	NS 0080R2	00.8	1.7	39	33.7	16.3	57.8	33.3	66.2	49.8
NorthStar Genetics	NS 0081NR2	00.8	1.9	36	34.3	15.9	58.0	60.7		
NorthStar Genetics	NS 0060NR2	00.6	1.9	38	34.3	15.1	57.7	50.9		
Peterson Farms Seed	15R006N	00.6	1.9	39	34.0	15.3	57.9	32.9	59.4	46.2
Peterson Farms Seed	16R008N	00.8	2.0	41	33.5	17.1	57.6	69.6		
Prairie Brand	PB-00950R2	00.9	1.7	37	34.4	15.7	58.3	42.5	63.7	53.1
Prairie Brand	PB-00844R2	00.8	1.7	35	33.5	16.3	57.8	34.2	63.1	48.7
Prairie Brand	PB-00766R2	00.7	1.7	38	34.5	15.0	57.8	31.9	54.1	43.0
Prairie Brand	PB-0146R2	0.1	2.0	40	33.3	17.1	57.6	74.0		
Prairie Brand	PB-00856R2	00.8	2.1	37	34.5	15.4	57.7	68.7		
Proseed	30-20	0.2	1.9	39	35.0	15.5	58.0	42.9	72.9	57.9
Proseed	P2 10-08 RR2Y	00.8	1.9	37	34.3	15.6	58.4	45.3	64.8	55.1
Proseed	P2 20-30	0.3	2.2	35	33.8	15.6	57.8	35.4	74.7	55.1
Proseed	30-07	00.7	1.7	32	33.8	15.7	58.0	37.0	61.8	49.4
Proseed	PX5008	00.8	2.1	32	34.2	15.2	58.3	68.5		
Proseed	30-09	00.9	2.3	35	34.2	15.2	58.7	65.8		
REA Hybrids	55G14	00.5	1.9	36	34.4	15.7	57.9	31.4	59.0	45.2
REA Hybrids	R0216	0.2	1.9	40	33.3	17.6	58.3	59.7		
Wensman	W3024R2	0.2	2.2	36	34.7	15.2	58.1	41.2	80.1	60.6
Wensman	W30099R2	00.9	1.7	39	33.2	16.5	58.3	42.6	67.3	55.0
Wensman	W30085NR2	00.8	1.9	37	34.4	15.7	57.6	70.2		
Wensman	W3018R2	0.1	1.9	43	33.5	17.0	57.8	69.6		
Thunder Seed	Astro	0.0	2.0	40	33.6	15.9	58.1	43.1	69.4	56.3
Thunder Seed	34006	00.6	1.8	36	34.6	16.1	58.1	45.5	58.8	52.1
Thunder Seed	32005	00.5	1.6	36	34.4	16.4	57.9	30.7	56.3	43.5

Thunder Seed	35007N	00.7	1.9	37	34.4	15.2	57.4	32.3	51.4	41.9
Thunder Seed	36008N	00.8	2.2	38	33.8	16.0	57.8		67.4	
Trial Mean			2.0	37	34.1	15.9	58.0	36.6	65.1	--
C.V.%			--	6.8	1.9	2.5	0.7	11.7	7.0	--
LSD 5%			0.3	4	0.9	0.5	0.6	6.0	6.4	--
LSD 10%			0.3	3	0.7	0.5	0.5	5.0	5.4	--

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

*Planting Date: May 21*

*Planting Rate: 200,000 PLS/A*

*Harvest Date: September 29*

*Row Spacing: Solid Seeded (6" rows)*

*Previous Crop: 2013 = canola, 2014 = oat*

*Soil Type: Barnes loam*

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