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Location: 17 miles south and 8.5 miles east of Miller (57362) in Hand County
(GPS: UTM 14N, 514690 m East 4901684 m North)

Cooperator: Marlen Winter

Soil Type: Raber-Eakin loam, 3-5% slope, non-irrigated

Fertilizer: Foliar application of SG ReLEAF, MaxGrow, & Presto-Gold on July 16th

Previous Crop: Corn

Tillage: No-till

Row Spacing: 30 inches

Seeding Rate: 165,000/acre

Pest Management: Authority Assist & 2,4-D – Pre, Glyphosate – Post

Date seeded/harvested: Jun. 4/Oct. 26

2013 Soybean Variety Trial Results – Miller

Table 1a. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 0 and 1 Trial at Miller (11 Brands, 44 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1-5)*	Days to Maturity
Asgrow	AG1431	1.4	59.2	13.5	1.0	114
Rea	75G12	1.5	58.4	13.3	1.0	116
Sodak Genetics	SD2182R2Y	1.8	58.4	13.2	1.0	118
Rea	71G20	1.1	58.1	13.9	1.0	112
Wensman	W 3160NR2	1.6	57.7	13.4	1.0	116
Hefty	EXP H16R4	1.6	57.7	13.5	1.0	116
Prairie Brand	PB-1611R2	1.6	57.7	13.6	1.0	116
Prairie Brand	PB-1982R2	1.9	57.4	13.9	1.0	117
Prairie Brand	PB-1843R2	1.8	57.3	13.7	1.0	117
Stine	16RD66	1.6	57.2	13.7	1.0	115
Hefty	EXP H17R4	1.7	57.0	13.6	1.0	115
Sodak Genetics	SD2091R2Y	0.9	56.8	13.7	1.0	113
-	CHECK	1.8	56.7	13.8	1.0	115
Prairie Brand	PB-1566R2	1.5	56.2	13.5	1.0	116
Prairie Brand	PB-1481R2	1.4	56.1	14.2	1.0	114
Wensman	W 3140R2	1.5	55.7	13.5	1.0	113
Asgrow	AG1733	1.7	55.5	13.5	1.0	117
Sodak Genetics	SD2172R2Y	1.7	55.2	13.6	1.0	116
Prairie Brand	PB-1722R2	1.7	55.0	13.5	1.0	115
Prairie Brand	PB-2042R2	1.9	55.0	13.8	1.0	118
Rea	71G14	1.1	54.5	13.9	1.0	113
Dairyland	DSR-1515/R2Y	1.5	54.5	13.7	1.0	112
Prairie Brand	EXP13151R2	1.5	54.1	13.4	1.0	114
Rea	73G13	1.3	54.0	13.4	1.0	114
Asgrow	AG1534	1.5	54.0	13.6	1.0	109
Stine	20RD20	1.9	54.0	13.5	1.0	119
Mustang	16624	1.6	53.9	13.3	1.0	115
Pioneer	91Y30	1.3	53.7	14.0	1.0	114
Channel	1405R2	1.4	53.7	13.9	1.0	114
Prairie Brand	PB-1539R2	1.5	53.2	13.4	1.0	113
Rea	78G12	1.8	53.1	13.7	1.0	115
Dairyland	DSR-1808/R2Y	1.8	52.7	14.0	1.0	115
Pioneer	91Y90	1.9	51.2	13.7	1.0	116
Stine	14RD62	1.4	51.2	13.7	1.0	114
Pioneer	P19T60R	1.9	50.8	13.7	1.0	114
Trial Average			54.2	13.7	1.0	114
LSD (0.05)†			5.6	0.5	NS	4
C.V.‡			6.3	2.4	-	1.5

† Yield, moisture, lodging or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence. *Lodging score (1 = no lodging to 5 = flat on ground)

‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.

2013 Soybean Variety Trial Results – Miller

Table 1b. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 0 and 1 Trial at Miller (11 Brands, 44 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1- 5)*	Days to Maturity
Pioneer	91Y01	1.0	50.8	13.8	1.0	111
Prairie Brand	PB-1591R2	1.5	50.7	13.8	1.0	113
Wensman	W 3178R2	1.7	50.3	13.2	1.0	115
Pioneer	P16T04R	1.6	50.2	13.9	1.0	116
Channel	1805R2	1.8	49.7	13.9	1.0	116
Sodak Genetics	SD2081R2Y	0.8	49.7	14.0	1.0	111
Sodak Genetics	SD2179	1.7	48.2	13.8	1.0	115
Sodak Genetics	SD2102R2Y	1.0	48.2	14.0	1.0	111
Sodak Genetics	SD2101R2Y	1.0	47.1	13.4	1.0	111
Trial Average			54.2	13.7	1.0	114
LSD (0.05)†			5.6	0.5	NS	4
C.V.‡			6.3	2.4	-	1.5

† Yield, moisture, lodging or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence. *Lodging score (1 = no lodging to 5 = flat on ground)
‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.

2013 Soybean Variety Trial Results – Miller

Table 2. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 2 Trial at Miller (7 Brands, 19 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1-5)*	Days to Maturity
Prairie Brand	PB-2136R2	2.1	58.8	13.2	1.0	124
Pioneer	P22T69R	2.2	58.4	13.3	1.0	124
-	CHECK	1.8	58.0	13.6	1.0	126
Rea	82G14	2.2	57.8	13.0	1.0	126
Hefty	H20Y12	2.1	57.3	13.1	1.0	125
Prairie Brand	PB-2230R2	2.3	56.9	13.1	1.0	125
Dairyland	DSR-2105/R2Y	2.1	56.6	13.4	1.0	123
Prairie Brand	PB-2419RR2	2.3	56.3	13.1	1.0	125
Prairie Brand	PB-2506R2	2.5	56.0	13.3	1.0	126
Hefty	H20R3	2.0	56.0	13.8	1.0	125
Prairie Brand	PB-2544R2	2.5	55.1	14.2	1.0	125
Wensman	W 3200NR2	2.0	54.4	13.5	1.0	125
Mustang	21993	2.1	54.2	13.0	1.0	125
Prairie Brand	PB-2024R2	2.0	53.7	13.5	1.0	125
Prairie Brand	PB-2668R2	2.6	53.1	13.6	1.0	127
Rea	80G11	2.0	52.8	13.6	1.0	124
Prairie Brand	PB-2650R2	2.5	51.6	13.7	1.0	124
Prairie Brand	EXP 13241	2.3	51.3	13.9	1.0	126
Prairie Brand	PB-2351R2	2.3	49.3	13.5	1.0	124
Trial Average			55.1	13.4	1.0	125
LSD (0.05)†			5.7	0.4	NS	3
C.V.‡			6.2	1.6	-	1.0

† Yield, moisture, lodging or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence. *Lodging score (1 = no lodging to 5 = flat on ground)

‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.