

**Nathan Mueller** | SDSU Extension Agronomist  
**Kevin Kirby** | Ag Research Manager/Specialist  
**Shawn Hawks** | Ag Research Manager/Specialist

Location: 8.5 miles west of South Shore (57263) in Codington County  
(GPS: UTM 14N, 649382 m East 4996615 m North)

Cooperator: SDSU Northeast Research Farm – Allen Heuer.

Soil Type: Kranzburg-Brookings silty clay loam, 0-2% slope, non-irrigated

Soil Test/Fertilizer: 18 ppm P (Bray P1), 157 ppm K / 100 lbs P<sub>2</sub>O<sub>5</sub> and 50 lbs K<sub>2</sub>O

Previous Crop: Spring wheat

Tillage: Conventional

Row Spacing: 30 inches

Seeding Rate: 165,000/acre

Pest Management: Dual II – Pre, Glyphosate – Post

Date seeded/harvested: Jun. 13/Oct. 25

## 2013 Soybean Variety Trial Results – South Shore

Table 1. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 0 Trial at South Shore (13 Brands, 29 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1-5)*	Days to Maturity
Nuseed	2071 RR2YN	0.7	<b>63.9</b>	14.8	1.0	106
Asgrow	AG0934	0.9	<b>62.7</b>	14.2	1.7	109
Mustang	7724	0.7	<b>62.5</b>	14.5	1.0	104
Peterson Farms	PFS 13R08N	0.8	<b>61.4</b>	14.5	1.3	108
Channel	0906R2	0.8	<b>61.4</b>	14.6	1.0	108
Wensman	W 3076R2	0.7	<b>61.1</b>	14.2	1.0	105
Latham	L0648R2	0.6	<b>61.0</b>	14.4	2.3	102
Prairie Brand	PB-0863R2	0.8	<b>60.5</b>	14.5	1.7	107
Prairie Brand	PB-1031R2	0.9	<b>60.5</b>	14.6	2.3	106
Prairie Brand	PB-0866R2	0.8	<b>60.1</b>	15.0	1.3	106
Latham	L0885R2	0.8	<b>59.7</b>	14.6	1.3	107
Prairie Brand	PB-0991R2	0.9	<b>59.6</b>	15.1	1.0	112
Hefty	EXP H09R4	0.9	<b>59.5</b>	15.3	2.0	109
Wensman	W 3090NR2	0.8	59.0	14.7	1.7	107
Sodak Genetics	SD2081R2Y	0.8	58.7	15.0	1.3	106
-	CHECK	1.8	58.4	14.9	1.7	108
Dairyland	DSR-0904/R2Y	0.9	58.1	14.4	1.3	107
Sodak Genetics	SD2091R2Y	0.9	57.1	14.7	1.7	108
Prairie Brand	PPB0879NRR2	0.9	56.9	15.3	2.0	104
Asgrow	AG0832	0.8	56.7	14.7	1.7	107
Nuseed	2093 RR2YN	0.9	56.5	15.1	2.0	106
Prairie Brand	PB-0777R2	0.7	55.9	15.3	1.7	110
Prairie Brand	PB-1040R2	0.9	55.7	14.7	2.0	109
Hefty	H07Y12	0.7	55.7	14.3	1.0	107
Pioneer	90Y80	0.8	55.1	15.2	2.7	105
Federal Hybrids	F084NRR2Y	0.8	54.3	15.2	2.0	107
Prairie Brand	PB-1234R2	0.9	53.9	15.2	1.7	109
Mustang	6942	0.6	53.1	14.7	2.0	103
Mustang	8824	0.8	51.9	15.6	2.0	106
Trial Average			58.4	14.8	1.6	107
LSD (0.05)†			4.6	0.5	0.8	1
C.V.‡			4.8	2.1	28.3	0.5

† 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 – South Shore

Table 2a. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 1 Trial at South Shore (16 Brands, 59 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1-5)*	Days to Maturity
Peterson Farms	PFS 14R13	1.3	<b>63.5</b>	14.6	1.0	109
Dairyland	DSR-1515/R2Y	1.5	<b>62.4</b>	14.8	1.3	109
Stine	10RD03	1.1	<b>61.7</b>	14.2	2.0	106
Prairie Brand	PB-1611R2	1.6	<b>61.4</b>	14.8	1.3	112
Prairie Brand	PB-1539R2	1.5	<b>61.1</b>	14.7	2.0	108
Proseed	PX12	1.2	<b>61.1</b>	14.9	2.0	108
Prairie Brand	PB-1722R2	1.7	<b>60.9</b>	14.7	1.0	112
Federal Hybrids	F114RR2Y	1.1	<b>60.9</b>	15.1	1.0	107
Hefty	EXP H10R4	1.0	<b>60.6</b>	14.6	1.3	106
Sodak Genetics	SD2172R2Y	1.7	<b>60.0</b>	14.7	2.0	107
Nuseed	2122 RR2YN	1.2	59.6	15.0	2.0	109
Wensman	W 3140R2	1.5	59.3	14.8	1.7	113
Latham	L1568R2	1.5	59.3	14.8	1.3	109
Asgrow	AG1534	1.5	59.2	14.5	1.7	108
Wensman	W 3128R2	1.2	58.8	14.5	1.0	106
Prairie Brand	PB-1982R2	1.9	58.6	15.2	1.0	113
Wensman	W 3102NR2	1.0	58.4	15.0	2.0	107
Latham	L1585R2	1.5	58.3	14.9	1.3	111
Channel	1405R2	1.4	58.2	14.4	2.0	109
Pioneer	P16T04R	1.6	57.9	14.6	1.7	111
Sodak Genetics	SD2101R2Y	1.0	57.8	14.4	1.3	107
Hefty	H11R3	1.1	57.5	14.5	1.7	104
-	CHECK	1.8	57.5	14.9	2.0	112
Prairie Brand	PB-1591R2	1.5	57.4	15.0	2.3	110
Channel	1207R2	1.2	57.4	15.1	2.0	108
Dairyland	DSR-1120/R2Y	1.1	57.3	14.8	1.3	107
Mustang	16624	1.6	57.2	14.5	2.0	110
Prairie Brand	PB-1566R2	1.5	57.1	14.7	2.0	109
Channel	1805R2	1.8	56.9	14.6	2.0	113
Latham	L1345R2	1.3	56.9	14.4	1.0	106
Latham	L1783R2	1.7	56.6	14.4	1.3	112
Rea	71G14	1.1	56.5	15.2	2.3	107
Sodak Genetics	SD2182R2Y	1.8	56.3	14.1	1.3	110
Hefty	EXP H12R4	1.2	56.2	14.7	2.0	108
Asgrow	AG1234	1.2	56.2	14.5	1.7	105
Trial Average			56.9	14.7	1.6	108
LSD (0.05)†			3.8	0.5	0.7	1
C.V.‡			4.1	2.3	25.4	0.5

† 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 – South Shore

Table 2b. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 1 Trial at South Shore (16 Brands, 59 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1- 5)*	Days to Maturity
Hefty	H10R3	1.0	56.1	14.2	1.3	107
Wensman	W 3121NR2	1.2	56.1	14.6	1.7	105
Proseed	2-140	1.4	56.1	14.9	2.0	109
Prairie Brand	PB-1843R2	1.8	56.1	14.9	2.0	110
Rea	78G12	1.8	56.1	14.5	1.3	111
Latham	1985R2	1.9	56.0	14.8	1.3	111
Rea	73G13	1.3	55.8	14.4	2.0	109
Latham	L1948R2	1.9	55.4	15.0	1.7	113
Prairie Brand	PB-1481R2	1.4	55.0	14.8	1.7	107
Sodak Genetics	SD2179	1.7	54.7	15.0	1.0	110
Proseed	PX11	1.1	54.7	14.3	1.3	108
Mustang	12224	1.2	54.6	14.9	1.3	106
Rea	71G20	1.1	54.4	15.0	2.0	104
Wensman	W 3106R2	1.0	54.1	14.6	1.0	105
Proseed	PX18	1.8	53.8	14.7	1.3	113
Latham	L1084R2	1.0	53.7	14.8	1.7	107
Peterson Farms	PFS 12R12	1.2	53.5	14.7	2.0	109
Asgrow	AG1431	1.4	53.4	15.1	2.0	109
Prairie Brand	EXP13151R2	1.5	53.4	14.5	2.3	109
Sodak Genetics	SD2102R2Y	1.0	53.2	15.2	2.0	104
Stine	14RD62	1.4	51.9	14.7	1.7	109
Pioneer	91Y30	1.3	51.1	14.8	1.3	106
Rea	75G12	1.5	51.0	14.4	1.0	109
Pioneer	91Y01	1.0	50.4	15.0	2.3	105
Trial Average			56.9	14.7	1.6	108
LSD (0.05)†			3.8	0.5	0.7	1
C.V.‡			4.1	2.3	25.4	0.5

† Yield, moisture, lodging or days to maturity value required (≥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.