



2014 South Dakota Soybean Variety Trial Results - Beresford

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Location: 6 miles west and 3 miles south of Beresford (57432) in Clay county, SD
(GPS: N 44°17.915' W 096°55.393')

Cooperator: SDSU Southeast Research Farm - Peter Sexton, manager

Soil Type: Egan-Clarno-Trent silty clay loam, 0-2% slope, non-irrigated

Fertilizer: 0-0-80 preplant incorporated

Previous crop: Corn

Tillage: Conventional

Row spacing: 30 inches

Seeding Rate: 165,000/acre

Herbicide: Pre: Glyphosate, Authority MTZ
Post: Glyphosate, Select

Date seeded: 5/22/2014

Date harvested: 10/14/2014

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Prairie Brand	EXP-1947R2	2.0	76.0	10.7	1.0
Prairie Brand	PB-2419RR2	2.4	73.8	10.5	1.0
Hoegemeyer	HPT 2860NRR	2.8	73.6	11.1	1.0
Dairyland Seed	DST-26-005R2	2.6	73.1	10.7	1.3
Channel	2207R2	2.2	72.8	10.8	1.0
Dairyland Seed	DSR-2411/R2Y	2.4	72.7	10.4	1.0
Channel	2306R2	2.3	72.5	10.6	1.0
Nutech/G2 Genetics	7250	2.5	72.4	10.6	1.0
Hoegemeyer	HPT 2511NRR	2.5	72.3	10.9	1.0
Nutech/G2 Genetics	7157	1.5	72.3	10.7	1.0
Hefty	EXP H20R5	2.0	72.2	10.8	1.7
Stine	19RF32	1.9	72.1	10.7	1.0
Prairie Brand	PB-2188R2	2.1	71.9	10.6	1.0
Channel	2408R2	2.4	71.8	10.4	1.0
Nutech/G2 Genetics	7240	2.4	71.8	10.8	1.3
Prairie Brand	PB-2319R2	2.3	71.8	10.8	1.0
Hefty	EXP H23R5	2.3	71.8	10.7	1.0
Channel	2108R2	2.1	71.7	10.8	1.7
Legend Seeds	LS 20R524N	2.0	71.7	10.8	1.0
REA Hybrids	R2115	2.1	71.7	10.6	2.0
Wensman	W 3228NR2	2.2	71.7	10.7	1.0
Pioneer	P22T61R	2.2	71.6	10.8	1.3
Pioneer	P22T69R	2.2	71.6	10.6	1.0
Wensman	W 3214NR2	2.1	71.4	10.7	1.3
Prairie Brand	PB-2600R2	2.6	71.3	10.8	1.3
Hoegemeyer	HPT 2707RR	2.7	71.3	10.6	1.0
Channel	1808R2	1.8	71.1	10.9	1.0
Prairie Brand	PB-2024R2	2.0	70.9	10.7	1.3
Wensman	W 3230R2	2.3	70.7	10.7	1.3
Nutech/G2 Genetics	7273	2.7	70.7	10.9	1.3
Trial Average			69.5	10.8	1.2
LSD (0.05)†			3.9	0.3	0.6
C.V.‡			3.5	2.0	-

* Lodging Score (1 = no lodging to 5 = flat on the ground)

† Yield or moisture value required (≥LSD) to determine if varieties are significantly different from one another.

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

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Renk	RS265NR2	2.6	70.6	10.6	1.0
Check	Check	1.7	70.5	10.6	1.0
Pioneer	P25T51R	2.5	69.9	11.1	1.3
Wensman	W 3254NR2	2.5	69.5	10.3	1.7
REA Hybrids	R2415	2.4	69.4	10.6	1.3
Wensman	W 3200NR2	2.0	69.3	10.5	1.0
Titan Pro	TP-23R04	2.3	69.3	10.7	1.0
Pioneer	92Y83	2.8	69.2	10.7	1.0
Stine	28RE20	2.8	69.1	10.8	1.0
Channel	2508R2	2.5	69.1	10.8	2.3
Great Lakes Hybrids	2869R2	2.8	69.0	10.7	1.0
Prairie Brand	PB-2556R2	2.5	68.9	10.6	1.0
Sodak Genetics	SD2172R2Y	1.7	68.8	10.8	1.0
Nutech/G2 Genetics	7204R2	2.0	68.8	10.7	1.0
Nutech/G2 Genetics	7233	2.3	68.8	10.8	1.0
Legend Seeds	LS 25R21N	2.5	68.7	11.2	2.3
REA Hybrids	86G14	2.5	68.5	10.8	1.3
Hefty	H21Y11	2.1	68.1	10.6	1.0
Hefty	EXP H24R5	2.4	68.1	10.7	1.3
Legend Seeds	LS 24R563N	2.4	67.6	10.9	1.0
Titan Pro	TP-20R44	2.0	67.5	10.9	1.0
Hefty	EXP H28R5	2.8	67.4	11.6	1.7
Prairie Brand	PB-2997R2	2.9	67.3	11.0	1.7
Nutech/G2 Genetics	7216	2.1	67.1	10.7	1.0
Pioneer	P27T87R2	2.7	67.1	11.1	1.7
Titan Pro	TP-21R63	2.1	67.0	10.8	1.0
REA Hybrids	80G11	2.0	66.9	10.6	1.0
Dairyland Seed	DSR-2250/R2Y	2.2	66.8	10.5	1.0
Channel	2607R2	2.6	66.7	10.5	1.0
Prairie Brand	PB-2230R2	2.1	66.6	10.6	1.3
Trial Average			69.5	10.8	1.2
LSD (0.05)†			3.9	0.3	0.6
C.V.‡			3.5	2.0	-

* Lodging Score (1 = no lodging to 5 = flat on the ground)

† Yield or moisture value required (≥LSD) to determine if varieties are significantly different from one another.

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

Table 1c. Glyphosate-resistant soybean variety performance results, continued (average of 3 replications) - Maturity Groups 1 & 2 at Beresford, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Stine	24RE03	2.4	66.4	10.9	2.0
Titan Pro	20M1	2.0	66.4	10.5	1.0
Wensman	W 3275NR2	2.7	66.3	10.7	2.7
Hefty	EXP H25R5	2.5	66.2	10.8	1.3
Channel	2808R2	2.8	66.1	11.7	1.3
Stine	22RD00	2.2	65.7	10.6	1.0
Nutech/G2 Genetics	7261	2.6	64.9	10.9	1.0
Great Lakes Hybrids	2789R2	2.7	64.6	11.0	2.0
Sodak Genetics	SD2101R2Y	1.0	64.1	11.2	1.0
Legend Seeds	LS 28R20N	2.8	62.1	10.8	1.7
Trial Average			69.5	10.8	1.2
LSD (0.05)†			3.9	0.3	0.6
C.V.‡			3.5	2.0	-

* Lodging Score (1 = no lodging to 5 = flat on the ground)

† Yield or moisture value required (\geq LSD) to determine if varieties are significantly different from one another.

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