



2014 South Dakota Soybean Variety Trail Results - Geddes

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Location: 2 miles east and 1/2 mile north of Geddes (57432) in Charles Mix County, SD
(N 43°15.956' W 098°39.844')

Cooperator: Curtis Sybesma

Soil Type: Highmore-Eakin silt loam, 0-2% slope

Fertilizer: none

Previous crop: Corn

Tillage: No-till

Row spacing: 30 inches

Seeding Rate: 165,000/acre

Herbicide: Pre: Authority Assist

Post: Glyphosate

Date seeded: 5/22/2014

Date harvested: 10/6/2014

Table 1. Glyphosate-resistant soybean variety performance results (average of 3 replications) - Maturity Group 1 at Geddes, SD).

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Hefty	HR18R5	1.8	59.8	9.9	1.0
Nutech/G2 Genetics	7157	1.5	57.9	10.0	1.0
Prairie Brand	EXP-1947R2	1.9	57.2	9.7	1.0
Channel	1808R2	1.8	55.9	10.1	1.0
Sodak Genetics	SD2172R2Y	1.7	55.5	9.8	1.0
Check	Check	1.7	54.7	9.7	1.0
Sodak Genetics	SD2101R2Y	1.0	52.8	10.0	1.0
Trial Average			56.3	9.9	1.0
LSD (0.05)†			3.8	0.4	-
C.V.‡			3.9	2.6	-

* 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

Table 2a. Glyphosate-resistant soybean variety performance results (average of 3 replications) - Maturity Group 2 at Geddes, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Channel	2508R2	2.5	69.7	10.6	1.0
Dairyland Seed	DSR-2411/R2Y	2.4	69.3	10.3	1.0
Nutech/G2 Genetics	7273	2.7	69.3	11.7	1.0
Wensman	W 3275NR2	2.7	68.9	10.9	1.7
Hoegemeyer	HPT 2511NRR	2.5	68.7	10.0	1.0
Prairie Brand	PB-2188R2	2.1	68.4	10.1	1.0
REA Hybrids	R2115	2.1	68.4	10.0	1.0
Pioneer	P22T69R	2.2	67.4	9.5	1.0
Nutech/G2 Genetics	7250	2.5	66.9	10.7	1.0
Prairie Brand	PB-2419RR2	2.4	66.9	10.2	1.0
Dairyland Seed	DST-26-005R2	2.6	66.7	10.9	1.0
Prairie Brand	PB-2024R2	2	66.5	9.9	1.0
Renk	RS224NR2	2.2	66.0	9.9	1.0
Great Lakes Hybrids	2789R2	2.7	65.7	10.6	1.7
Channel	2408R2	2.4	65.3	10.3	1.0
Wensman	W 3230R2	2.3	65.2	10.1	1.0
Hefty	EXP H20R5	2	65.1	10.0	1.0
Pioneer	P25T51R	2.5	64.9	10.3	1.0
Pioneer	P27T87R2	2.7	64.7	10.8	1.0
Channel	2108R2	2.1	64.7	9.7	1.0
Prairie Brand	PB-2997R2	2.9	64.6	11.8	1.0
Prairie Brand	PB-2600R2	2.6	64.4	11.2	1.0
Channel	2808R2	2.8	64.3	12.1	1.0
REA Hybrids	R2415	2.4	63.9	10.0	1.0
Prairie Brand	PB-2556R2	2.5	63.8	10.0	1.0
Nutech/G2 Genetics	7204R2	2	63.6	10.0	1.0
Nutech/G2 Genetics	7261	2.6	63.4	10.6	1.0
Wensman	W 3254NR2	2.5	63.3	10.0	1.0
Titan Pro	TP-23R04	2.3	62.5	9.8	1.0
Hefty	EXP H23R5	2.3	62.3	9.8	1.0
Renk	RS265NR2	2.6	62.1	10.8	1.0
Trial Average			62.3	10.3	1.0
LSD (0.05)†			5.8	0.7	-
C.V.‡			5.8	4.0	-

* 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 2b. Glyphosate-resistant soybean variety performance results, continued (average of 3 replications) - Maturity Group 2 at Geddes, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Nutech/G2 Genetics	7233	2.3	61.9	10.4	1.0
Wensman	W 3228NR2	2.2	61.9	9.9	1.0
Renk	RS213NR2	2.1	61.3	10.0	1.0
Hefty	EXP H25R5	2.5	61.2	10.2	1.0
Hoegemeyer	HPT 2707RR	2.7	61.1	10.2	1.0
Wensman	W 3214NR2	2.1	60.9	10.3	1.0
REA Hybrids	86G14	2.5	60.8	10.4	1.0
Titan Pro	20M1	2	60.2	10.2	1.0
Stine	28RE20	2.8	60.0	10.3	1.0
Great Lakes Hybrids	2869R2	2.8	59.9	10.7	1.0
Prairie Brand	PB-2319R2	2.3	59.7	9.9	1.0
Hefty	H21Y11	2.2	59.5	10.4	1.0
Hefty	EXP H24R5	2.4	59.5	10.1	1.0
Wensman	W 3200NR2	2	59.4	10.0	1.0
Channel	2607R2	2.6	59.3	9.8	1.0
Nutech/G2 Genetics	7240	2.4	59.1	10.1	1.0
Pioneer	92Y83	2.8	59.1	11.4	1.0
Titan Pro	TP-20R44	2	59.0	10.1	1.0
Prairie Brand	PB-2230R2	2.2	58.6	10.0	1.0
Stine	24RE03	2.4	58.6	9.9	1.0
Pioneer	P22T61R	2.2	58.2	9.6	1.0
Channel	2306R2	2.3	58.1	10.2	1.0
Stine	22RD00	2.2	58.1	10.0	1.0
REA Hybrids	80G11	2	57.9	9.8	1.0
Dairyland Seed	DSR-2250/R2Y	2.2	57.5	10.0	1.0
Titan Pro	TP-21R63	2.1	56.0	10.2	1.0
Hoegemeyer	HPT 2233NRR	2.2	55.6	9.8	1.0
Channel	2207R2	2.2	55.6	10.0	1.0
Check	Check	1.7	54.7	9.7	1.0
Nutech/G2 Genetics	7216	2.1	53.1	9.7	1.0
Trial Average			62.3	10.3	1.0
LSD (0.05)†			5.8	0.7	-
C.V.‡			5.8	4.0	-

* 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.

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