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Location: 4 miles north and 1/2 mile west of Bancroft (57353) in Kingsbury County
(GPS: N 44°31.091' W 097°45.244)

Cooperator: Weerts Farm, Inc.

Soil Type: Houdek-Stickney loam, 0-2% slope, non-irrigated

Fertilizer: None

Previous crop: Corn

Tillage: No-till

Row spacing: 30 inches

Seeding Rate: 165,000/acre

Herbicide: Pre: Sulfentrazone + Metribuzin (Authority MTZ)
Post: Glyphosate (Roundup Power Max) + Fomesafen (Marvel)

Insecticide: None

Date seeded: 5/22/2015

Date harvested: 10/9/2015

Table 1a. Glyphosate-resistant soybean variety performance results (average of 4 replications) - Maturity Groups 0 & 1 at Bancroft, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Thunder Seed	3619N R2Y	1.9	65.5	11.8	1.0
Rea Hybrids	R1815	1.8	65.1	12.1	1.0
Dairyland Seed	DSR-1721/R2Y	1.7	65.0	12.0	1.0
Thunder Seed	3114 R2Y	1.4	65.0	11.9	1.0
Channel	1808R2	1.8	65.0	11.9	1.0
NK Brand	S13-H5	1.3	64.8	12.1	1.0
Legend Seeds	LS 17R645N	1.6	64.5	11.8	1.0
Thunder Seed	3617 R2Y	1.7	64.4	11.7	1.0
Renk Seed	RS195NR2	1.9	64.3	11.8	1.0
Thunder Seed	3511N R2Y	1.1	64.3	12.1	1.0
NK Brand	S14-J7	1.4	64.2	12.0	1.0
Thunder Seed	3614N R2Y	1.4	64.1	11.9	1.0
Thunder Seed	3408N R2Y	0.8	64.0	12.7	1.0
Wensman	W3160NR2	1.6	64.0	12.1	1.0
Great Lakes Hybrids	1953NR2	1.9	63.9	11.8	1.0
Wensman	W3140R2	1.5	63.8	12.4	1.0
Prairie Brand	PB-1947R2	1.9	63.6	12.0	1.0
Rea Hybrids	R1716	1.7	63.6	11.5	1.0
Prairie Brand	PB-1611R2	1.6	63.3	11.5	1.0
Nutech/G2 Genetics	7169	1.6	63.3	12.3	1.0
Thunder Seed	3609N R2Y	0.9	63.2	12.9	1.0
Legend Seeds	LS 13R556N	1.3	63.1	12.0	1.0
Credenz	CZ 1787 RY	1.7	63.0	11.7	1.0
Wensman	W3195NR2	1.9	62.5	12.3	1.0
Prairie Brand	X15175R2	1.7	62.4	11.7	1.0
Wensman	W3170NR2	1.7	62.4	12.2	1.0
Federal Hybrids	F165RR2Y	1.6	62.4	11.5	1.0
Federal Hybrids	F195NRR2Y	1.9	62.3	11.7	1.0
Federal Hybrids	F185NRR2Y	1.8	62.3	12.3	1.0
Dairyland Seed	DSR-1990/R2Y	1.9	62.3	12.0	1.0
Trial Average			61.7	12.0	1.0
LSD (0.05)†			3.4	0.4	0.0
C.V.‡			4.1	2.5	-

* 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. Yield values statistically similar to the overall trial winner are shown in **boldface**.

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

Table 1b. Glyphosate-resistant soybean variety performance results, continued (average of 4 replications) - Maturity Groups 0 & 1 at Bancroft, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Legend Seeds	LS 14R22N	1.4	62.1	12.0	1.0
Pioneer	P18T26R2	1.8	62.1	11.9	1.0
Rea Hybrids	R1515	1.5	62.1	11.6	1.0
Prairie Brand	X15143R2	1.3	62.1	12.1	1.0
NK Brand	S12-H2	1.2	62.1	12.0	1.0
Federal Hybrids	F145NRR2Y	1.4	62.0	12.3	1.0
Wensman	W3143NR2	1.4	61.8	12.0	1.0
Prairie Brand	PB-1956R2	1.9	61.7	12.5	1.0
Federal Hybrids	F154NRR2Y	1.5	61.5	12.1	1.0
NK Brand	S15-P1	1.5	61.4	12.0	1.0
Prairie Brand	PB-1466R2	1.4	61.4	12.2	1.0
Titan Pro	TP-18R24	1.8	61.3	12.9	1.0
NK Brand	S11-C8	1.1	61.2	12.5	1.0
Prairie Brand	PB-1822R2	1.8	60.5	11.9	1.0
Nutech/G2 Genetics	7172R2	1.7	60.3	11.8	1.0
Legend Seeds	LS 17R500N	1.7	60.2	12.2	1.0
Channel	1508R2	1.5	60.2	11.7	1.0
Federal Hybrids	F124NRR2Y	1.2	59.4	12.0	1.0
Renk Seed	RS175NR2	1.7	59.3	12.1	1.0
Legend Seeds	LS 12R24N	1.2	59.3	12.6	1.0
Sodak Genetics	SD2092R2Y	0.9	58.7	12.1	1.0
Titan Pro	15M22	1.5	58.7	12.1	1.0
Prairie Brand	PB-1586R2	1.5	58.2	11.6	1.0
Check	Check	1.4	58.0	12.0	1.0
Sodak Genetics	SD2172R2Y	1.7	56.9	11.7	1.0
Federal Hybrids	F106NRR2Y	1.0	56.8	12.7	1.0
Sodak Genetics	SD2173R2Y	1.7	56.3	12.0	1.0
Dairyland Seed	DSR-1515/R2Y	1.5	55.5	11.9	1.0
Credenz	CZ 767 RY	0.7	55.0	11.8	1.0
Sodak Genetics	SD2101R2Y	1.0	54.5	12.3	1.0
Sodak Genetics	SD2061R2Y	0.6	54.1	12.4	1.0
Trial Average			61.7	12.0	1.0
LSD (0.05)†			3.4	0.4	0.0
C.V.‡			4.1	2.5	-

* 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. Yield values statistically similar to the overall trial winner are shown in **boldface**.

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

Table 2. Glyphosate-resistant soybean variety performance results (average of 4 replications) - Maturity Group 2 at Bancroft, SD).

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Nutech/G2 Genetics	7250	2.5	67.8	21.7	1.0
Legend Seeds	LS 20R663N	2.0	67.4	11.7	1.0
Nutech/G2 Genetics	7204R2	2.0	66.4	13.4	1.0
Wensman	W3201NR2	2.0	66.1	13.2	1.0
Titan Pro	TP-20R25	2.0	66.0	13.1	1.0
Prairie Brand	PB-2296R2	2.2	65.6	14.5	1.0
Wensman	W3226NR2	2.2	65.4	13.2	1.0
Channel	2009R2	2.0	65.4	13.9	1.0
Great Lakes Hybrids	2469R2	2.4	65.0	13.1	1.0
Rea Hybrids	R2115	2.1	64.7	12.8	1.0
Dairyland Seed	DSR-2110/R2Y	2.1	64.5	14.1	1.0
Channel	2108R2	2.1	64.2	12.8	1.0
Channel	2408R2	2.4	64.1	19.6	1.0
Prairie Brand	PB-2419RR2	2.4	64.0	15.5	1.0
Rea Hybrids	R2016	2.0	63.8	13.2	1.0
Prairie Brand	PB-2230R2	2.1	63.4	13.5	1.0
Prairie Brand	PB-2156R2	2.1	63.4	12.7	1.0
Prairie Brand	PB-2024R2	2.1	63.3	13.0	1.0
Pioneer	P20T79R2	2.0	63.1	12.1	1.0
Federal Hybrids	F205NRR2Y	2.0	63.1	13.2	1.0
Wensman	W3200NR2	2.0	63.1	12.8	1.0
Nutech/G2 Genetics	7217R2	2.1	62.8	13.7	1.0
Channel	2309R2	2.3	62.2	15.5	1.0
Titan Pro	20M1	2.0	62.1	11.9	1.0
Great Lakes Hybrids	2258NR2	2.2	61.9	14.0	1.0
Nutech/G2 Genetics	7240	2.4	61.9	14.6	1.0
Great Lakes Hybrids	2551NR2	2.5	61.9	17.7	1.0
Prairie Brand	PB-2188R2	2.1	61.9	13.2	1.0
Credenz	CZ 2474 RY	2.4	61.4	15.2	1.0
Prairie Brand	PB-2600R2	2.6	61.3	35.4	1.0
Check	Check	1.4	60.3	12.1	1.0
Titan Pro	TP-20R44	2.0	59.3	12.5	1.0
Credenz	CZ 2788 RY	2.7	55.3	41.4	1.0
Trial Average			63.3	15.6	1.0
LSD (0.05)†			3.7	2.4	0.0
C.V.‡			4.1	10.8	

* 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. Yield values statistically similar to the overall trial winner are shown in **boldface**.

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