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Location: 2.5 miles north of Bancroft (57353) in Kingsbury County
(GPS: N 44°31.091' W 097°45.244)

Cooperator: Weerts Farm, Inc.

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

Fertilizer: none

Previous crop: Corn

Tillage: No-till

Row spacing: 30 inches

Seeding Rate: 165,000/acre

Herbicide: Pre: Sharpen
Post: Glyphosate, Select

Date seeded: 5/23/2014

Date harvested: 10/9/2014

Table 1a. Glyphosate-resistant soybean variety performance results (average of 3 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)*
Hefty	EXP H18R5	1.8	63.7	10.9	1.0
Hefty	EXP H15R5	1.5	63.6	10.5	1.0
Wensman	W 3170NR2	1.7	63.6	11.0	1.0
Prairie Brand	PB-1611R2	1.6	63.5	10.9	1.0
Prairie Brand	PB-1956R2	1.9	62.2	10.8	1.0
Hefty	EXP H16R5	1.6	62.1	10.4	1.0
Federal Hybrids	F143RR2Y	1.4	62.0	10.3	1.0
Wensman	W 3140R2	1.4	62.0	11.1	1.0
REA Hybrids	78G12	1.8	61.3	10.4	1.0
Titan Pro	15M22	1.5	61.0	10.8	1.0
REA Hybrids	R1515	1.5	60.6	10.8	1.0
Prairie Brand	PB-1947R2	1.9	60.3	10.3	1.0
Legend Seeds	LS 13R556N	1.3	60.1	10.4	1.0
REA Hybrids	75G12	1.5	60.0	10.9	1.0
Legend Seeds	LS 12R24N	1.2	60.0	10.7	1.0
Nutech/G2 Genetics	7104	1	60.0	10.8	1.0
Wensman	W 3158NR2	1.5	59.5	10.8	1.0
Hefty	EXP H17R5	1.7	59.5	10.6	1.0
REA Hybrids	R1815	1.8	59.4	10.6	1.0
Prairie Brand	PB-1566R2	1.5	59.3	11.0	1.0
Prairie	PB-1466R2	1.4	59.2	10.8	1.0
Wensman	W 3160NR2	1.6	59.2	10.6	1.0
Channel	1508R2	1.5	59.1	10.5	1.0
Wensman	W 3128R2	1.2	58.9	10.7	1.0
Prairie Brand	PB-1822R2	1.8	58.8	11.0	1.0
Pioneer	P16T04R	1.6	58.6	10.2	1.0
Nutech/G2 Genetics	6112	1.1	58.6	10.7	1.0
Channel	1808R2	1.8	58.5	10.5	1.0
Nutech/G2 Genetics	7157	1.5	58.3	10.7	1.0
Legend Seeds	LS 17R500N	1.7	58.0	10.5	1.0
Trial Average			58.8	10.6	1.0
LSD (0.05)†			4.1	0.6	-
C.V.‡			4.4	3.4	-

* 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 1a. Glyphosate-resistant soybean variety performance results, continued (average of 3 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)*
Channel	1308R2	1.3	57.4	10.8	1.0
Dairyland Seeds	DSR-1515/R2Y	1.5	57.3	10.7	1.0
Dairyland Seeds	DSR-1990/R2Y	1.9	57.0	10.7	1.0
Nutech/G2 Genetics	6143	1.4	57.0	10.1	1.0
Titan Pro	TP-17R54	1.7	56.7	10.6	1.0
Pioneer	P19T60R	1.9	56.5	10.6	1.0
Check	Check	1.7	56.5	10.3	1.0
Federal Hybrids	F175NRR2Y	1.7	56.2	10.9	1.0
Wensman	W 3195NR2	1.9	56.1	10.5	1.0
Sodak Genetics	SD2172R2Y	1.7	55.8	10.6	1.0
Stine	19RF32	1.9	55.1	10.5	1.0
Sodak Genetics	SD2091R2Y	0.9	54.2	10.4	1.0
Sodak Genetics	SD2101R2Y	1	54.0	10.6	1.0
Prairie Brand	PB-1794R2	1.7	52.6	10.9	1.0
Trial Average			58.8	10.6	1.0
LSD (0.05)†			4.1	0.6	-
C.V.‡			4.4	3.4	-

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

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Prairie Brand	EXP-1947R2	2.1	63.2	10.3	1.0
Prairie Brand	PB-2024R2	2.0	62.0	10.3	1.0
Pioneer	P22T69R	2.2	61.6	10.2	1.0
Wensman	W 3200NR2	2.0	60.4	10.4	1.0
Hefty	H21Y11	2.1	59.0	10.3	1.0
Titan Pro	20M1	2.0	58.7	10.1	1.0
Legend	20R524N	2.0	58.6	10.5	1.0
Prairie Brand	PB-2188R2	2.1	58.1	10.3	1.0
Channel	2108R2	2.1	58.0	10.4	1.0
Prairie Brand	PB-2600R2	2.6	57.4	11.2	1.0
Prairie Brand	PB-2230R2	2.1	57.3	10.4	1.0
Great Lakes Hybrids	2039R2	2.0	57.0	10.4	1.0
Hefty	EXP H23R5	2.3	57.0	10.4	1.0
REA Hybrids	80G11	2.0	56.8	10.3	1.0
Pioneer	P22T61R	2.2	56.4	10.4	1.0
Hefty	EXP H20R5	2.0	56.4	10.3	1.0
Stine	22RD00	2.2	56.1	10.3	1.0
Nutech/G2 Genetics	7233	2.3	56.1	10.5	1.0
Prairie Brand	PB-2319R2	2.3	56.0	10.4	1.0
Check	Check	1.7	56.0	10.1	1.0
Federal Hybrids	F205NRR2Y	2.0	55.3	10.4	1.0
Pioneer	P21T66R2	2.1	55.3	10.4	1.0
Pioneer	P25T51R	2.5	55.2	10.7	1.0
Prairie Brand	PB-2556R2	2.5	55.0	10.4	1.0
Great Lakes Hybrids	2569R2	2.5	54.8	10.9	1.0
Nutech/G2 Genetics	7204R2	2.0	53.6	10.4	1.0
Wensman	W 3214NR2	2.1	53.4	10.3	1.0
REA Hybrids	R2115	2.1	53.0	10.3	1.0
Nutech/G2 Genetics	7216	2.1	52.9	10.3	1.0
Trial Average			56.9	10.4	1.0
LSD (0.05)†			5.0	0.5	-
C.V.‡			5.4	3.0	-

* 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