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Location: Geddes (57342) in Charles Mix County (GPS: UTM 14N, 525540 m East 4797186 m North)
Cooperator: Curtis Sybesma Farm
Soil Type: Highmore silt loam, 0-2% slope, non-irrigated
Soil Tests: 3.8% OM, 6.3 pH, 19 ppm P (Bray P1), 444 ppm K, 1.4 ppm Zn
Previous Crop: Winter Wheat
Tillage: No-till
Row Spacing: 30 inches
Seeding Rate: 165,000/acre
Pest Management: Authority Assist – Pre, Glyphosate - Post
Date planted/harvested: May 31/Oct. 2

Table 1. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 1 Trial at Geddes (1 Brand, 5 varieties).

Varietal Information		Measurements				
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score	Days to Maturity
Sodak Genetics	SD2172R2Y	1.7	61.6	8.3	1	115
-	CHECK	1.8	59.9	8.3	1	115
Sodak Genetics	SD2101R2Y	1.0	59.4	8.4	1	109
Sodak Genetics	SD2179	1.7	55.9	8.3	1	114
Sodak Genetics	SD2102R2Y	1.0	54.4	8.1	1	108
Sodak Genetics	SD2182R2Y	1.8	50.5	8.5	1	115
Trial Average			57.1	8.3	1	112
LSD (0.05)†			5.5	0.2	NS	4
C.V.			5.5	1.5	-	1.7

† Yield, moisture, lodging, or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence

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

2013 Soybean Variety Trial Results – Geddes

Table 2a. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 2 Trial at Geddes (10 Brands, 55 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score	Days to Maturity
Prairie Brand	PB-2419RR2	2.3	69.7	9.1	1.0	123
Wensman	W 3230R2	2.3	69.0	8.3	1.0	122
Channel	2607R2	2.6	68.4	8.5	1.0	123
Renk	RS241R2	2.4	68.3	8.7	1.0	120
Wensman	W 3222NR2	2.2	67.4	8.1	1.3	118
Stine	22RD00	2.2	66.4	8.0	1.0	117
Asgrow	AG2134	2.1	65.9	8.0	1.0	116
Pioneer	P25T51R	2.5	65.7	8.9	1.3	119
Asgrow	AG2031	2.0	65.6	8.4	1.3	117
Prairie Brand	PB-2024R2	2.0	65.5	8.4	1.0	120
Prairie Brand	PB-2668R2	2.6	65.2	8.3	1.3	119
Prairie Brand	PB-2544R2	2.5	65.2	8.8	2.0	119
Hefty	H23Y10	2.9	65.2	8.4	1.0	119
Wensman	W 3200NR2	2.0	64.7	8.2	1.0	117
Prairie Brand	PB-2798R2	2.7	64.1	8.3	1.0	119
Prairie Brand	PB-2997R2	2.8	63.8	9.0	1.3	121
Channel	2105R2	2.1	63.2	8.7	1.0	119
-	CHECK	1.8	63.0	8.0	1.0	115
Channel	2706R2	2.7	62.8	8.1	1.3	120
Hefty	H23R3	2.9	62.7	8.4	1.7	120
Wensman	W 3214NR2	2.1	62.4	8.2	1.3	116
Channel	2402R2	2.4	62.2	8.2	1.0	119
Renk	RS283NR2	2.8	62.2	8.7	2.0	124
Hefty	H20Y12	2.1	62.1	8.0	1.0	116
Channel	2306R2	2.3	62.1	8.2	1.0	117
Channel	2207R2	2.2	61.8	8.0	1.3	115
Mustang	24322	2.4	61.5	8.7	1.3	118
Prairie Brand	PB-2230R2	2.3	61.4	8.4	1.3	120
Prairie Brand	PB-2650R2	2.5	61.4	8.5	1.0	119
Hefty	H20R3	2.0	61.4	8.5	1.0	117
Prairie Brand	PB-2351R2	2.3	61.3	8.3	1.3	120
Dairyland	DSR-2105/R2Y	2.1	61.0	8.8	1.0	117
Asgrow	AG2733	2.7	60.9	8.7	1.0	121
Pioneer	P22T69R	2.2	60.7	7.6	1.0	115
Hefty	H26R3	2.6	60.5	8.6	1.7	121
Trial Average			61.5	8.5	1.2	119
LSD (0.05)			6.5	0.6	0.6	3
C.V.			6.5	4.3	27.5	1.4

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2013 Soybean Variety Trial Results – Geddes

Table 2a. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 2 Trial at Geddes (10 Brands, 55 varieties).

Varietal Information		Measurements				
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score	Days to Maturity
Pioneer	92Y51	2.5	60.4	8.3	1.0	118
Hefty	H26R3S	2.6	60.4	8.5	1.0	121
Dairyland	DSR-2250/R2Y	2.2	59.8	8.2	1.3	118
Dairyland	DSR-2612/R2Y	2.6	59.6	9.4	1.0	121
Channel	2907R2	2.9	59.2	8.2	1.7	118
Wensman	W 3284NR2	2.8	59.1	8.9	1.3	123
Wensman	W 3256NR2	2.5	58.7	8.5	1.7	119
Pioneer	92Y83	2.8	58.7	8.7	1.0	121
Stine	29RD22	2.8	58.5	10.0	2.0	123
Mustang	26623	2.6	58.1	8.3	1.7	116
Prairie Brand	PB-2506R2	2.5	57.4	8.3	1.0	117
Asgrow	AG2433	2.4	56.8	8.5	1.0	117
Dairyland	DSR-2340/R2Y	2.3	55.6	8.2	1.7	116
Mustang	25333	2.5	55.6	8.7	1.0	119
Pioneer	P24T19R	2.4	55.5	9.1	2.0	120
Stine	24RD03	2.4	55.4	8.4	1.3	118
Asgrow	AG2933	2.9	55.3	9.6	1.3	121
Pioneer	93M11	2.9	55.2	8.9	1.0	120
Hefty	EXP H28R4	2.8	55.0	8.5	1.3	121
Stine	20RD20	2.1	54.1	8.5	1.0	117
Trial Average			61.5	8.5	1.2	119
LSD (0.05)			6.5	0.6	0.6	3
C.V.			6.5	4.3	27.5	1.4

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