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Location: 2.5 miles south and 1 mile east of Bath (57427) in Brown County
(GPS: UTM 14N, 554169 m East 5030612 m North)

Cooperator: Gordon and Roger Locken Farms.

Soil Type: Great Bend silt loam, 0-2% slope, non-irrigated

Previous Crop: Corn

Tillage: No-till

Row Spacing: 30 inches

Seeding Rate: 165,000/acre

Pest Management: Glyphosate and Sharpen – Pre, Glyphosate – Post

Date seeded/harvested: Jun. 5/Oct. 11

2013 Soybean Variety Trial Results – Bath

Table 1. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 0 Trial at Bath (12 Brands, 27 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1-5)*	Days to Maturity
Asgrow	AG0934	0.9	66.6	11.2	1.0	114
Wensman	W 3076R2	0.7	66.4	11.4	1.0	112
Latham	L0885R2	0.8	66.0	11.4	1.0	113
Wensman	W 3090NR2	0.8	65.7	11.3	1.0	113
Prairie Brand	PB-1234R2	0.9	65.3	11.4	1.0	115
Nuseed	2071 RR2YN	0.7	64.6	11.0	1.0	114
Nuseed	2093 RR2YN	0.9	64.6	11.6	1.0	113
Hefty	EXP H09R4	0.9	64.2	12.0	1.0	113
Prairie Brand	PB-0863R2	0.8	64.2	11.3	1.0	114
Prairie Brand	PB-0991R2	0.9	63.4	11.7	1.0	116
Dairyland	DSR-0904/R2Y	0.9	63.0	11.3	1.0	114
Channel	0906R2	0.8	62.8	11.2	1.0	113
Prairie Brand	PB-0777R2	0.8	62.4	11.7	1.0	114
Peterson Farms	PFS 13R08N	0.8	62.2	11.4	1.0	113
Prairie Brand	PB-1040R2	0.9	61.5	11.4	1.0	112
Mustang	8824	0.8	61.4	11.4	1.0	114
Prairie Brand	PB-0866R2	0.8	60.8	11.6	1.0	114
Mustang	7724	0.7	60.1	11.6	1.0	114
Latham	L0648R2	0.6	60.1	11.4	1.0	108
Hefty	H07Y12	0.7	59.8	11.2	1.0	111
Sodak Genetics	SD2081R2Y	0.8	58.9	11.1	1.0	111
-	CHECK	1.8	58.5	11.5	1.0	116
Prairie Brand	PB-1031R2	0.9	57.2	11.4	1.0	113
Prairie Brand	PB0879NRR2	0.9	57.0	11.1	1.0	115
Asgrow	AG0832	0.8	55.6	11.6	1.0	114
Pioneer	90Y80	0.8	53.5	11.4	1.0	109
Sodak Genetics	SD2091R2Y	0.9	53.4	11.3	1.0	116
Trial Average			61.3	11.4	1.0	113
LSD (0.05)†			4.3	0.4	NS	2
C.V.‡			4.3	2.0	-	1.1

† Yield, moisture, lodging or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence. *Lodging score (1 = no lodging to 5 = flat on ground)

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

2013 Soybean Variety Trial Results – Bath

Table 2a. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 1 Trial at Bath (16 Brands, 60 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1-5)*	Days to Maturity
Prairie Brand	PB-1611R2	1.6	65.9	12.1	1.0	118
Hefty	EXP H12R4	1.2	65.0	11.3	1.0	115
Asgrow	AG1431	1.4	64.0	11.2	1.0	116
Stine	10RD03	1.1	62.9	11.1	1.0	115
Asgrow	AG1534	1.5	62.8	11.8	1.0	116
Federal Hybrids	F143RR2Y	1.4	62.8	11.6	1.0	120
Dairyland	DSR-1515/R2Y	1.5	62.8	11.3	1.0	124
Hefty	H10R3	1.0	62.7	11.2	1.0	119
Prairie Brand	PB-1481R2	1.4	62.4	11.5	1.0	116
Proseed	PX12	1.2	62.2	11.7	1.0	115
Latham	L1345R2	1.3	62.1	11.5	1.0	115
Wensman	W 3128R2	1.2	62.1	11.2	1.0	114
Proseed	2-140	1.4	61.7	11.2	1.0	117
Hefty	EXP H10R4	1.0	61.5	11.3	1.0	113
Wensman	W 3121NR2	1.2	61.4	11.5	1.0	116
Prairie Brand	PB-1539R2	1.5	61.4	11.3	1.0	125
Latham	L1948R2	1.9	61.3	11.5	1.0	121
Mustang	12224	1.2	61.1	11.4	1.0	116
Wensman	W 3106R2	1.0	60.6	11.3	1.0	114
Sodak Genetics	SD2172R2Y	1.7	60.5	11.5	1.0	126
-	CHECK	1.8	60.0	11.5	1.0	124
Federal Hybrids	F154NRR2Y	1.5	59.9	11.4	1.0	121
Wensman	W 3140R2	1.5	59.7	12.0	1.0	118
Channel	1207R2	1.2	59.4	11.5	1.0	115
Pioneer	P16T04R	1.6	59.2	11.3	1.0	119
Proseed	PX18	1.8	59.1	11.5	1.0	119
Mustang	16624	1.6	59.1	11.5	1.0	121
Rea	71G14	1.1	58.6	11.5	1.0	115
Sodak Genetics	SD2182R2Y	1.8	58.6	12.0	1.0	122
Stine	14RD62	1.4	58.5	11.7	1.0	118
Latham	L1084R2	1.0	58.4	11.3	1.0	116
Latham	L1585R2	1.5	58.2	11.4	1.0	120
Prairie Brand	PB-1982R2	1.9	58.2	11.6	1.0	118
Rea	73G13	1.3	58.2	11.2	1.0	114
Latham	L1783R2	1.7	58.1	11.2	1.0	116
Trial Average			58.9	11.5	1.0	118
LSD (0.05)†			5.7	0.7	NS	5
C.V.‡			6.0	4.0	-	2.2

† Yield, moisture, lodging or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence. *Lodging score (1 = no lodging to 5 = flat on ground)

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2013 Soybean Variety Trial Results – Bath

Table 2b. Glyphosate-resistant soybean variety performance results (average of 3 replications sorted by yield) – Maturity Group 1 Trial at Bath (16 Brands, 60 varieties).						
Varietal Information			Measurements			
Brand	Variety	Maturity Rating	Yield Bu/A (13%)	Moisture %	Lodging Score (1- 5)*	Days to Maturity
Peterson Farms	PFS 12R12	1.2	58.0	11.2	1.0	114
Nuseed	2122 RR2YN	1.2	57.9	11.4	1.0	116
Dairyland	DSR-1120/R2Y	1.1	57.9	11.2	1.0	118
Proseed	PX11	1.1	57.7	11.3	1.0	113
Hefty	H11R3	1.1	57.6	11.1	1.0	114
Mustang	14323	1.4	57.6	11.7	1.0	124
Prairie Brand	PB-1591R2	1.5	57.5	12.7	1.0	121
Pioneer	91Y90	1.9	57.4	11.6	1.0	124
Prairie Brand	PB-1566R2	1.5	57.3	11.5	1.0	121
Rea	75G12	1.5	57.1	11.6	1.0	121
Sodak Genetics	SD2102R2Y	1.0	57.0	12.3	1.0	113
Latham	L1568R2	1.5	56.6	11.3	1.0	120
Latham	1985R2	1.9	56.5	11.9	1.0	123
Peterson Farms	PFS 14R13	1.0	56.2	12.4	1.0	119
Prairie Brand	PB-1722R2	1.7	56.1	11.6	1.0	120
Asgrow	AG1234	1.2	55.9	11.4	1.0	117
Pioneer	91Y01	1.0	55.8	11.1	1.0	116
Prairie Brand	PB-1843R2	1.8	55.0	11.8	1.0	126
Sodak Genetics	SD2101R2Y	1.0	54.6	11.4	1.0	114
Rea	71G20	1.1	54.3	11.1	1.0	117
Sodak Genetics	SD2179	1.7	53.8	11.7	1.0	123
Pioneer	91Y30	1.3	53.3	11.2	1.0	114
Pioneer	P19T60R	1.9	53.2	11.5	1.0	123
Rea	78G12	1.8	52.6	12.3	1.0	125
Prairie Brand	EXP13151R2	1.5	51.9	11.1	1.0	119
Trial Average			58.9	11.5	1.0	118
LSD (0.05)†			5.7	0.7	NS	5
C.V.‡			6.0	4.0	-	2.2

† Yield, moisture, lodging or days to maturity value required (\geq LSD) to determine if varieties are different from each other with confidence. *Lodging score (1 = no lodging to 5 = flat on ground)

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