

Soybean Varietal Trials —Norman County

Cooperator: Skaurud Grain Farms Inc.: Kelly and Perry Skaurud

Nearest Town: Mahanomen

Soil Type: Hamerly-Vallers and Grimstad - Rockwell

Tillage: Fall Chisel plow, Spring cultivator with drag

Previous Crop: Dry Beans

Planting Date: 5-17-05

Row Width: 12 rows 22 inches wide

Fertilizer: 87lb MAP, 42lb Phosphorus

Herbicide: Glyfox X-tra at 1qt/a on 6-17-05, Glyfox X-tra 1 qt/a on 7-06-05

Insecticide: Mustang at 2.25oz./a on 8-03-05

Harvest Populations: 155200

Harvest Date: 9-30-05

Experimental Design: Randomized complete block design

Purpose of Study:

To evaluate the performance of varieties in our soil types and weather conditions.

Results:

A very uniform field resulted in good comparisons of stand count, yield, moisture %, oil %, and protein %

Company	Variety	Mat.	Population 1,000's (plants)	Harvest Moist. (%)	Test Weight (lb/bu)	Protein (%)	Oil (%)	¹ Yield (bu/a)	Ranking
Hyland Seeds	Ramsey	00.5	162	10	57.7	33.8	18.6	45.6	28
Legend Seeds	LS0093	00.9	173	9.8	57.2	34.0	18.1	44.5	30
Hyland Seeds	Royal	00.9	162	9.8	57.0	34.1	18.3	47.8	27
Agsources	9009RR	0.1	183	9.5	57.2	33.5	18.6	45.5	29
Dekalb	DKB009-51	0.2	152	9.9	57.4	33.4	18.0	50.5	19
Croplan Genetics	RT0273	0.2	159	9.5	57.1	32.0	18.5	49.9	22
DynaGro UAP	31F02	0.2	135	9.9	56.8	32.0	18.4	48.8	25
Legend Seeds	LS0255	0.2	159	9.9	57.1	32.0	18.6	51.6	13
Pioneer Seeds	90M20	0.2	171	10	57.6	32.7	18.2	50.8	16
Prarie Brand Seeds	PB-0234	0.3	154	9.5	56.9	32.7	18.3	53.2	10
Thunder Seeds Inc.	2502RR	0.4	154	9.6	56.7	33.4	18.4	49.7	23
Stine Seeds	S0260-4	0.5	169	9.8	56.8	33.0	18.6	51.1	15
Asgrow	AG0301	0.5	145	10.2	57.3	31.3	18.5	50.2	21
Garst Seeds	0443	0.5	147	10.8	57.0	32.9	18.7	48.4	26
DynaGro UAP	SX05405	0.5	152	10.7	57.1	34.1	18.2	52.9	12
Prarie Brand Seeds	PB-0554	0.5	162	10.5	56.8	34.2	18.0	55.0	2
Stine Seeds	S0504-4	0.5	154	9.8	57.1	34.3	17.9	53.0	11
Midwest Seed Genetics	GR0504	0.5	164	10.3	56.7	34.2	18.1	54.6	5
Agsources	9053RR	0.5	138	10.8	56.6	34.5	17.8	50.2	20
Garst Seeds	0549	0.5	178	10.2	56.9	33.3	18.8	55.4	1
Stine Seeds	S0600-4	0.6	150	10	57.9	33.8	17.5	54.8	3
Pioneer Seeds	90M60	0.6	150	9.9	57.1	33.8	17.9	54.8	4
Peterson Farm Seeds	0506RR	0.6	138	10	57.0	33.6	18.8	50.7	17
Legend Seeds	LS0624	0.6	133	10.4	56.6	33.9	18.3	53.7	9
DynaGro UAP	33T06	0.6	152	9.9	56.7	34.2	18.1	54.5	6
Agsources	9065RR	0.6	154	10.1	56.7	34.3	18.1	54.4	7
Pioneer Seeds	90M61	0.6	140	10.1	57.4	33.3	19.2	54.1	8
Asgrow	AG0801	0.8	178	10.6	57.0	33.1	17.8	51.6	14
Midwest Seed Genetics	GR0803	0.8	143	12.2	56.5	34.1	18.3	48.9	24
Garst Seeds	0999	0.9	145	11.7	56.4	34.2	17.4	50.6	18
LSD 0.05					0.7	1.1	0.4	3.5	

¹ Corrected to 13% moisture

For additional information: Ray Bisek and Ken Pazdernik