



2000 Strip Plots

ISU Grain Quality Laboratory

Results: Linn County Roundup Ready Soybean Plot

Varieties are listed in order from highest to lowest yield.

Company	Variety	Yield ¹ (Bu. / A.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Fiber (%)	Sum (P+O) (%)	EPVB ³ (\$ / Bu.)
		Long Term Iowa Averages:		35	18.5	5.0	53.5	
Novartis	9924RR	60.2	9.2	37.0	18.5	5.0	55.5	4.78
Asgrow	AG3003RR	59.7	9.3	38.4	16.9	5.1	55.3	4.78
Henkel	SS2618RR	59.4	9.5	37.6	18.0	5.1	55.6	4.80
Novartis	S29-C9RR	59.2	9.2	36.6	17.6	5.2	54.2	4.66
Excel (Hobart)	8281RR	58.7	9.2	38.4	17.5	5.1	55.9	4.84
Mycogen	5240RR	58.4	9.4	37.7	18.3	5.1	56.0	4.83
Pioneer Hi-Bred	92B74	58.0	9.4	36.0	18.6	4.9	54.6	4.68
Marks	0128RR	57.9	9.1	38.5	17.0	5.2	55.5	4.80
Pioneer Hi-Bred	93B01RR	57.9	9.4	37.0	18.1	5.2	55.1	4.74
New Horizon FS	FS2696	57.6	9.2	38.4	17.4	5.1	55.8	4.83
Profiseed	PS4305RR	57.4	8.9	38.4	17.6	5.1	56.0	4.84
NC+	2A39RR	57.4	9.3	38.4	18.0	5.0	56.4	4.88
Profiseed	PS4259RR	57.1	9.1	37.9	18.1	5.1	56.0	4.83
Dairyland	DS241RR	56.8	9.8	38.4	17.7	4.8	56.1	4.85
Prairie Brand	PB2730	56.7	9.6	36.8	17.6	5.2	54.4	4.68
High Cycle	2273RR	56.4	9.4	36.5	17.7	5.2	54.2	4.66
Golden Harvest	H-2582RR	56.3	9.4	38.5	18.0	5.1	56.5	4.89
NC+	2A88RR	56.2	9.2	39.3	17.3	5.2	56.6	4.91
High Cycle	2243RR	56.2	9.5	37.8	18.3	5.1	56.1	4.84
Mycogen	5280RR	56.1	9.4	37.5	17.5	5.1	55.0	4.74
Dekalb	CX242RR	56.0	9.4	38.6	17.6	5.0	56.2	4.86
Cargill	275RR	55.9	9.1	38.2	18.5	5.0	56.7	4.90
Scott's Quality Seed	8261RR	55.7	9.8	38.1	18.0	5.2	56.1	4.85
Scott's Quality Seed	9270RR	55.3	9.6	37.3	18.2	5.1	55.5	4.78
Asgrow	AG2602RR	55.2	9.2	37.7	17.7	5.0	55.4	4.78
Excel (Hobart)	8261RR	55.2	9.4	38.5	18.2	5.0	56.7	4.90
Fontanelle	8942RR	55.0	9.4	37.5	18.4	5.0	55.9	4.82
Agripro	AP2949	54.9	9.2	38.8	17.0	5.0	55.8	4.83
Golden Harvest	H-2837RR	54.9	9.1	38.4	16.8	5.3	55.2	4.78
Prairie Brand	PB2397RR	54.6	9.7	38.5	18.0	4.9	56.5	4.89
Marks	9927RR	54.3	9.2	39.1	17.7	5.0	56.8	4.92
Midwest Genetics	X9127RR	53.8	9.4	37.9	17.7	5.1	55.6	4.80
Patriot	267RR	53.6	9.3	38.3	17.5	5.3	55.8	4.83
Cargill	284RR	53.5	9.2	38.6	17.8	5.1	56.4	4.88
Fontanelle	8890RR	53.1	9.4	38.0	17.0	5.3	55.0	4.75
Henkel	SS3396RR	52.9	9.5	36.6	17.5	5.1	54.1	4.65
Garst	D280RR	52.8	9.1	38.4	17.0	5.2	55.4	4.79
Garst	D261RR	52.1	9.1	37.8	17.1	5.2	54.9	4.74
Agripro	AP3083	51.9	9.0	38.6	17.0	5.2	55.6	4.81
Dekalb	CX303RR	51.1	9.3	38.4	18.0	4.9	56.4	4.88
Patriot	277RR	51.0	9.4	38.4	17.7	5.1	56.1	4.85
Midwest Genetics	G2824RR	49.6	9.5	39.0	17.3	5.2	56.3	4.88
New Horizon FS	FS2475RR	47.8	9.3	37.6	18.0	5.0	55.6	4.80
Dairyland	DS327RR	46.3	9.9	38.2	17.6	5.2	55.8	4.82
Check Variety Information: (average values for check strips)								
Prairie Brand	PB2430RR	55.8	9.2	38.5	17.9	5.1	56.4	4.88
Averages⁴		55.2	9.3	38.0	17.7	5.1	55.7	4.81
Standard Deviation⁴		3.0	0.2	0.7	0.5	0.1	0.7	0.07
Maximum⁴		60.2	9.9	39.3	18.6	5.3	56.8	4.92
Minimum⁴		46.3	8.9	36.0	16.8	4.8	54.1	4.65

YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE.

¹ Yield is check-adjusted in plots with check strips.

² Reported moisture content data were provided by the participating plot operator.

³ EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by soybean protein and oil content and the current market price for oil, meal, and hulls.

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

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Ingredient Prices for EPVB

Soybeans (\$ / bu.)	4.07
48% Soy Meal (\$ / ton)	147.5
Soy Oil (\$ / lb.)	0.14
Millfeed (\$ / lb.)	0.02