



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Bremer County Roundup Ready Soybean Strip 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:		35.0	18.5	5.0	53.5	
Trelay	2212RR	37.0	8.7	38.6	17.8	4.5	56.4	\$7.67
Asgrow	AG2703	35.1	9.2	38.3	17.0	4.6	55.3	\$7.52
FS	HS2117	34.4	9.1	38.7	17.4	4.4	56.1	\$7.63
FS	HS2515	34.4	9.1	38.4	17.5	4.5	55.9	\$7.60
LG	2434RR	34.4	8.9	38.0	17.6	4.5	55.6	\$7.55
Profiseed	PS4215RR	34.4	9.1	37.9	16.8	4.7	54.7	\$7.43
Syngenta	S24-K4	34.4	9.2	36.9	18.6	4.6	55.5	\$7.51
Patriot	23R19	34.0	9.1	38.9	17.4	4.4	56.3	\$7.66
Gold Country	6221RR	32.4	9.3	38.2	17.2	4.6	55.4	\$7.53
Pioneer	92M80	32.2	8.6	38.5	17.5	4.5	56.0	\$7.61
Thompson	EX7252RR	32.0	8.9	38.6	17.2	4.5	55.8	\$7.59
Pioneer	92B74	32.0	9.1	37.6	17.9	4.5	55.5	\$7.53
Epley	ESB242RR	32.0	9.0	37.7	17.5	4.6	55.2	\$7.49
Legend	LS2313RR	32.0	9.0	37.5	17.0	4.7	54.5	\$7.40
Garst	2332RR	32.0	9.1	38.7	17.0	4.5	55.7	\$7.58
Thompson	T7234RR	31.9	9.1	38.2	17.2	4.6	55.4	\$7.53
Dekalb	DKB23-51	31.9	9.1	38.7	17.1	4.6	55.8	\$7.60
Garst	2547RR	31.9	9.4	38.9	16.5	4.6	55.4	\$7.55
Gold Country	2424RR	30.6	9.0	38.5	17.5	4.5	56.0	\$7.61
Golden Harvest	H2531RR	30.4	9.0	37.3	17.5	4.6	54.8	\$7.43
LG	C2625RR	29.7	8.6	38.6	17.2	4.5	55.8	\$7.59
Trelay	2201RR	29.6	8.8	38.2	17.9	4.4	56.1	\$7.62
Profiseed	PS4233RR	29.5	9.1	38.2	17.2	4.5	55.4	\$7.53
Legend	2799RR	29.4	9.3	37.9	17.1	4.6	55.0	\$7.47
Golden Harvest	H2627RR	28.8	9.0	37.9	17.6	4.6	55.5	\$7.53
Patriot	EX1724RR	28.6	9.1	39.2	17.2	4.4	56.4	\$7.69
Syngenta NK	X221R	27.2	9.0	39.9	16.4	4.4	56.3	\$7.69
Epley	ESB252RR	27.2	8.8	37.8	17.2	4.6	55.0	\$7.47
Check Variety Information: (average values for check strips)								
Syngenta	S24-K4	34.4	9.2	37.4	17.9	4.6	55.3	\$7.49

Averages⁴	31.8	9.0	38.3	17.3	4.5	55.6	\$7.56
Standard Deviation⁴	2.4	0.2	0.6	0.4	0.1	0.5	\$0.08
Maximum⁴	37.0	9.4	39.9	18.6	4.7	56.4	\$7.69
Minimum⁴	27.2	8.6	36.9	16.4	4.4	54.5	\$7.40

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

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

² Field 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.)	6.70
48% Soy Meal (\$ / ton)	205
Soy Oil (\$ / lb.)	0.21
Millfeed (\$ / lb.)	0.05