



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Bremer County RR 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	
Pioneer	92M91	65.2	9.6	35.4	20.3	4.9	55.7	\$5.99
FS	2235	62.9	10.3	34.6	19.4	5.0	54.0	\$5.76
Asgrow	AG2403	62.7	9.3	35.6	19.6	5.0	55.2	\$5.90
NK	S27-T7	61.5	9.9	35.0	19.4	5.2	54.4	\$5.81
FS	2515	61.0	9.6	35.9	19.7	5.0	55.6	\$5.95
Dekalb	DKB23-51	60.6	10.3	35.7	19.1	5.0	54.8	\$5.84
Trelay	2201RR	60.4	10.6	36.8	18.9	4.8	55.7	\$5.94
Legend	LS2312RR	60.3	10.1	34.5	19.3	5.1	53.8	\$5.73
FS	2545	59.7	10.3	37.0	18.2	4.9	55.2	\$5.85
Pioneer	93M11	59.6	10.3	35.9	19.9	4.9	55.8	\$5.98
Golden Harvest	H2124RR	59.6	10.2	37.0	18.8	4.9	55.8	\$5.94
Asgrow	AG2703	59.5	10.4	36.6	18.9	4.9	55.5	\$5.91
Garst	2332RR	59.4	10.5	37.1	18.9	4.8	56.0	\$5.97
NK	S26-V6	58.7	10.3	35.8	19.9	4.9	55.7	\$5.97
Garst	2018RR	57.8	10.7	34.6	19.2	5.1	53.8	\$5.73
Epley	ESB254RR	57.6	9.9	35.3	19.8	5.0	55.1	\$5.90
NK	X326R	57.5	10.3	35.2	19.5	5.0	54.7	\$5.84
Gold Country	6221RR	56.9	10.9	33.8	19.5	5.1	53.3	\$5.68
Golden Harvest	H2582RR	56.3	10.3	36.7	19.4	4.8	56.1	\$6.00
Epley	ESB282RR	56.0	10.3	36.1	19.4	4.9	55.5	\$5.93
Trelay	2222RR	55.3	10.2	34.0	19.8	5.0	53.8	\$5.75
Merschman	Munsee IVRR	55.2	10.5	33.7	19.6	5.1	53.3	\$5.69
Epley	ESB211RR	54.7	10.6	34.4	19.4	5.0	53.8	\$5.74
Trelay	2212RR	53.5	10.6	35.3	19.8	4.9	55.1	\$5.90
Gold Country	3525RR	52.4	10.7	35.7	18.6	5.0	54.3	\$5.76
Legend	LS2799RR	51.5	10.8	37.0	18.8	4.8	55.8	\$5.94
Merschman	Shawnee 527RR	51.3	10.4	37.7	18.3	4.8	56.0	\$5.95
Gold Country	3523RR	49.4	11.2	33.5	19.8	5.0	53.3	\$5.69
Check Variety Information: (average values for check strips)								
Trelay	2212RR	54.4	10.3	36.0	19.5	4.9	55.5	\$5.93

Averages⁴	57.7	10.3	35.6	19.3	5.0	54.9	\$5.86
Standard Deviation⁴	3.8	0.4	1.2	0.5	0.1	0.9	\$0.10
Maximum⁴	65.2	11.2	37.7	20.3	5.2	56.1	\$6.00
Minimum⁴	49.4	9.3	33.5	18.2	4.8	53.3	\$5.68

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.)	5.17
48% Soy Meal (\$ / ton)	160
Soy Oil (\$ / lb.)	0.25
Millfeed (\$ / lb.)	0.05