



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Bremer County 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	64.5	9.6	35.4	20.3	4.9	55.7	\$5.99
Pioneer	92M70	64.0	9.6	37.3	18.9	4.8	56.2	\$5.99
FS	2235	62.2	10.3	34.6	19.4	5.0	54.0	\$5.76
Asgrow	AG2403	62.0	9.3	35.6	19.6	5.0	55.2	\$5.90
NK	S27-T7	60.8	9.9	35.0	19.4	5.2	54.4	\$5.81
FS	2515	60.3	9.6	35.9	19.7	5.0	55.6	\$5.95
Dekalb	DKB23-51	59.9	10.3	35.7	19.1	5.0	54.8	\$5.84
Trelay	2201RR	59.7	10.6	36.8	18.9	4.8	55.7	\$5.94
Legend	LS2312RR	59.6	10.1	34.5	19.3	5.1	53.8	\$5.73
FS	2545	59.0	10.3	37.0	18.2	4.9	55.2	\$5.85
Pioneer	93M11	58.9	10.3	35.9	19.9	4.9	55.8	\$5.98
Golden Harvest	H2124RR	58.9	10.2	37.0	18.8	4.9	55.8	\$5.94
Legend	2302	58.8	10.3	35.2	19.0	5.1	54.2	\$5.77
Asgrow	AG2703	58.8	10.4	36.6	18.9	4.9	55.5	\$5.91
Garst	2332RR	58.7	10.5	37.1	18.9	4.8	56.0	\$5.97
Merschman	Cheyenne VII	58.0	10.5	36.4	18.9	4.9	55.3	\$5.89
NK	S26-V6	58.0	10.3	35.8	19.9	4.9	55.7	\$5.97
PBB	7822	57.9	10.1	36.3	19.7	4.9	56.0	\$6.00
PBB	152	57.2	10.2	35.1	18.8	5.1	53.9	\$5.73
Garst	2018RR	57.1	10.7	34.6	19.2	5.1	53.8	\$5.73
Epley	ESB254RR	56.9	9.9	35.3	19.8	5.0	55.1	\$5.90
NK	X326R	56.8	10.3	35.2	19.5	5.0	54.7	\$5.84
Asgrow	A2553	56.2	10.7	36.3	19.5	4.9	55.8	\$5.97
Gold Country	6221RR	56.2	10.9	33.8	19.5	5.1	53.3	\$5.68
Golden Harvest	H2582RR	55.6	10.3	36.7	19.4	4.8	56.1	\$6.00
PBB	7817	55.5	10.7	34.9	19.3	5.1	54.2	\$5.78
Epley	ESB282RR	55.3	10.3	36.1	19.4	4.9	55.5	\$5.93
Epley	ESB220	55.0	10.2	35.8	19.7	4.9	55.5	\$5.94
Merschman	Munsee IVRR	54.5	10.5	33.7	19.6	5.1	53.3	\$5.69
Trelay	2222RR	54.5	10.2	34.0	19.8	5.0	53.8	\$5.75
Epley	ESB211RR	54.0	10.6	34.4	19.4	5.0	53.8	\$5.74
Gold Country	3525RR	52.6	10.7	35.7	18.6	5.0	54.3	\$5.76
Gold Country	6024FG	52.3	10.5	37.0	18.4	4.8	55.4	\$5.88
Legend	LS2799RR	50.8	10.8	37.0	18.8	4.8	55.8	\$5.94
Legend	1902	50.6	10.7	40.0	17.9	4.5	57.9	\$6.15
Merschman	Shawnee 527RR	50.6	10.4	37.7	18.3	4.8	56.0	\$5.95
Gold Country	3523RR	49.1	11.2	33.5	19.8	5.0	53.3	\$5.69
PBB	7322	46.2	10.7	37.2	18.5	4.8	55.7	\$5.92
Check Variety Information: (average values for check strips)								
Trelay	2212RR	53.4	10.3	34.7	19.5	4.9	54.2	\$5.79

Averages⁴	56.8	10.3	35.8	19.2	4.9	55.1	\$5.87
Standard Deviation⁴	4.0	0.4	1.3	0.5	0.1	1.0	\$0.11
Maximum⁴	64.5	11.2	40.0	20.3	5.2	57.9	\$6.15
Minimum⁴	46.2	9.3	33.5	17.9	4.5	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).

Ingredient Prices for EPVB

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