



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Pomeroy-Palmer FFA 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	
Fontanelle	8301NRR	60.7	8.6	35.7	20.7	5.1	56.4	\$6.08
SOI	2151	58.0	8.9	35.7	20.1	5.0	55.8	\$5.99
Mycogen	5N202RR	57.7	10.2	33.4	19.6	5.0	53.0	\$5.65
Pioneer	93M10	57.5	13.4	33.9	18.6	4.7	52.5	\$5.56
Golden Harvest	H-2162RR	56.1	8.9	35.4	20.4	5.1	55.8	\$6.00
SOI	2642	53.4	9.3	36.9	19.5	4.9	56.4	\$6.04
Pioneer	92M70	52.2	9.8	36.3	19.2	5.0	55.5	\$5.92
Agri Pro	2012RRN	51.5	8.0	37.4	20.5	4.9	57.9	\$6.24
Excel	8284RR	49.4	9.7	35.6	19.4	5.0	55.0	\$5.87
Kaltenberg	256RRK	48.8	8.7	36.6	20.1	5.0	56.7	\$6.09
Mycogen	5B220RR	48.5	9.0	35.4	20.3	5.1	55.7	\$5.99
Kaltenberg	261RR	48.0	9.2	36.2	20.2	5.0	56.4	\$6.06
Excel	8274RR	47.1	8.8	37.4	20.1	5.0	57.5	\$6.18
Agri Pro	2677RR	46.8	8.6	36.3	20.2	5.1	56.5	\$6.07
Golden Harvest	H-2811RR	44.8	9.1	35.5	20.2	5.1	25.3	\$5.98
Fontanelle	8331RR	44.8	8.6	34.8	21.0	5.1	55.8	\$6.02
Check Variety Information: (average values for check strips)								
Kaltenberg	261RR	44.8	9.0	36.2	20.1	5.0	56.3	\$6.04
Averages⁴		51.6	9.3	35.8	20.0	5.0	53.9	\$5.98
Standard Deviation⁴		5.1	1.2	1.1	0.6	0.1	7.7	\$0.17
Maximum⁴		60.7	13.4	37.4	21.0	5.1	57.9	\$6.24
Minimum⁴		44.8	8.0	33.4	18.6	4.7	25.3	\$5.56

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