



2003 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	
Great Lakes	GL1903RRP	46.6	7.0	36.9	17.9	4.6	54.8	\$7.42
Great Lakes	GL2301RRPT	45.3	7.0	37.1	17.7	4.7	54.8	\$7.42
Garst	2332RR	45.0	7.0	37.7	17.5	4.6	55.2	\$7.49
Mycogen	5n202RR	44.8	7.0	36.3	18.8	4.7	55.1	\$7.44
Fontanelle	8111RR	43.8	7.0	37.6	17.6	4.6	55.2	\$7.49
Kaup	279R	43.7	13.8	36.3	18.6	4.7	54.9	\$7.41
Golden Harvest	H-2453 RR	43.2	7.0	36.4	18.1	4.7	54.5	\$7.37
SOI	2221N/RR	42.9	7.0	38.1	18.6	4.5	56.7	\$7.69
Excel	8235RR	42.7	7.0	37.1	18.0	4.7	55.1	\$7.46
Golden Harvest	H-2698 RR	42.1	10.1	36.8	17.9	4.7	54.7	\$7.40
Fontanelle	8153RR	41.3	7.0	37.1	17.2	4.7	54.3	\$7.36
Mycogen	X53252RR	40.9	11.8	36.0	18.8	4.8	54.8	\$7.39
Patriot	277RR	39.8	11.6	36.6	18.3	4.7	54.9	\$7.42
SOI	2042N/RR	38.4	7.0	38.7	17.8	4.4	56.5	\$7.68
Excel	8274RR	36.3	7.0	37.3	17.6	4.7	54.9	\$7.44
Garst	2612RRN	34.2	9.0	38.3	17.0	4.6	55.3	\$7.52
Check Variety Information: (average values for check strips)								
Golden Harvest	2698	40.7	9.6	37.4	17.8	4.6	55.2	\$7.48
Averages⁴		41.9	8.3	37.1	18.0	4.7	55.1	\$7.46
Standard Deviation⁴		3.4	2.2	0.8	0.5	0.1	0.6	\$0.10
Maximum⁴		46.6	13.8	38.7	18.8	4.8	56.7	\$7.69
Minimum⁴		34.2	7.0	36.0	17.0	4.4	54.3	\$7.36

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