



2004 Strip Plots

ISU Grain Quality Laboratory

Results: South O'brien FFA Soybean 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	
PSA	9239RR	37.4	12.3	33.8	18.8	5.0	52.6	\$5.58
Sands of Iowa	SOI 2501RR	33.0	12.1	35.0	18.5	4.9	53.5	\$5.67
Pioneer	92M32	32.6	12.4	35.2	18.6	4.9	53.8	\$5.71
Asgrow	AG2403	32.3	11.8	34.5	18.4	4.9	52.9	\$5.60
DeKalb	DKB22-52	31.9	12.7	36.3	18.1	4.7	54.4	\$5.76
Sands of Iowa	SOI 2141RR	31.8	12.4	34.6	18.9	4.9	53.5	\$5.68
Sands of Iowa	SOI 2143RR	31.5	12.2	34.3	17.6	5.0	51.9	\$5.46
Renze	R2314RR	31.4	11.6	35.2	18.6	4.8	53.8	\$5.71
Midwest Seed	GR2037	31.2	12.3	33.8	18.5	5.0	52.3	\$5.53
Midwest Seed	GR2037	31.1	12.5	34.0	18.7	4.9	52.7	\$5.59
DeKalb	DKB22-52	31.0	12.7	33.2	18.9	5.0	52.1	\$5.52
Renze	R2114RR	30.8	12.7	33.9	18.4	5.0	52.3	\$5.53
Pioneer	92B74	30.7	12.4	35.2	18.2	5.0	53.4	\$5.65
Midwest Seed	GR2037	30.5	12.0	34.6	19.0	4.9	53.6	\$5.70
Jacobsen	725R	30.3	12.2	36.6	17.8	4.8	54.4	\$5.75
Latham	L2136R	30.1	12.7	34.1	18.8	5.0	52.9	\$5.61
Sands of Iowa	2151RR	30.0	13.6	34.0	19.0	4.9	53.0	\$5.63
PSA	9239RR	29.8	12.7	33.4	18.7	5.0	52.1	\$5.52
Latham	L2136R	29.6	13.2	33.3	18.6	4.9	51.9	\$5.49
Fontanelle Hybrid	F8331R	29.4	12.2	33.4	19.3	4.9	52.7	\$5.61
Asgrow	AG1903	28.9	12.4	33.9	18.0	5.0	51.9	\$5.47
NK Brand	S24-K4	28.1	12.1	34.9	18.5	5.0	53.4	\$5.66
Midwest Seed	GR2255	27.6	12.4	36.8	17.9	4.8	54.7	\$5.79
Pioneer	92B38	27.4	12.7	34.2	18.5	5.0	52.7	\$5.58
Check Variety Information: (average values for check strips)								
Pioneer	92M70	28.2	13.1	34.8	18.9	4.9	53.7	\$5.71
Averages⁴		30.8	12.4	34.5	18.5	4.9	53.0	\$5.62
Standard Deviation⁴		2.0	0.4	1.0	0.4	0.1	0.8	\$0.09
Maximum⁴		37.4	13.6	36.8	19.3	5.0	54.7	\$5.79
Minimum⁴		27.4	11.6	33.2	17.6	4.7	51.9	\$5.46
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