



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Black Hawk 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	
Great Lakes	2525 RR	47.2	11.0	37.9	18.0	4.8	55.9	\$7.59
Asgrow	2403 RR	46.2	11.5	36.7	20.0	4.8	56.7	\$7.65
Thompson	T7234 RR	44.7	12.5	36.1	19.1	4.7	55.2	\$7.45
Epley	ESB281 RR	44.3	11.8	36.4	19.1	4.8	55.5	\$7.49
LG Seeds	2434 RR	43.9	11.1	38.0	18.9	4.9	56.9	\$7.71
Garst	2547 RR	43.4	12.7	38.3	17.6	4.9	55.9	\$7.60
Pioneer	93B09 RR	43.3	10.8	37.8	19.3	4.8	57.1	\$7.73
Northrup King	S24-K4 RR	42.4	11.1	36.5	18.6	5.1	55.1	\$7.44
Epley	ESB282 RR	42.4	11.6	36.1	19.4	4.9	55.5	\$7.48
FS Ag Vantage	HS2515 RR	42.2	11.4	38.2	18.8	4.9	57.0	\$7.73
Asgrow	2703 RR	42.0	11.5	36.9	18.8	4.7	55.7	\$7.53
FS Ag Vantage	HS2725 RR	41.9	11.2	38.4	18.5	4.7	56.9	\$7.73
Crows	2506 RR	41.7	10.9	37.7	17.9	4.9	55.6	\$7.54
Dekalb	2551 RR	41.7	11.9	36.2	19.6	4.9	55.8	\$7.52
Trelay	2282 RR	41.6	12.1	37.0	19.1	4.6	56.1	\$7.58
Garst	2332 RR	41.3	12.8	38.5	18.4	4.8	56.9	\$7.73
Patriot	23R19 RR	40.9	12.2	38.9	17.9	4.8	56.8	\$7.73
Great Lakes	2709 RR	40.9	11.2	38.9	18.3	4.6	57.2	\$7.78
Pioneer	92M80 RR	40.4	10.8	39.0	17.6	5.0	56.6	\$7.70
Dekalb	2351 RR	40.2	12.2	38.2	17.5	5.0	55.7	\$7.57
LG Seeds	2844 RR	39.1	11.9	37.1	18.4	5.0	55.5	\$7.51
Ag Venture	PS4254 RR	39.0	10.9	38.8	17.7	4.8	56.5	\$7.69
Trelay	2262 RR	38.9	12.2	37.1	19.4	4.8	56.5	\$7.64
Thompson	T7252 RR	38.6	11.7	38.3	17.7	4.8	56.0	\$7.61
Ag Venture	PSX427 RR	38.3	12.5	39.3	18.3	4.6	57.6	\$7.84
Patriot	24R35 RR	37.8	12.2	39.2	18.1	4.6	57.3	\$7.80
Crows	3117 RR	37.0	12.8	37.3	17.6	4.7	54.9	\$7.44
Northrup King	S28W2 RR	34.2	11.2	36.7	18.3	5.2	55.0	\$7.44
Check Variety Information: (average values for check strips)								
NK	S24-K4 RR	42.6	11.6	36.6	18.6	5.0	55.2	\$7.45

Averages⁴	41.3	11.7	37.7	18.5	4.8	56.2	\$7.62
Standard Deviation⁴	2.8	0.6	1.0	0.7	0.2	0.8	\$0.12
Maximum⁴	47.2	12.8	39.3	20.0	5.2	57.6	\$7.84
Minimum⁴	34.2	10.8	36.1	17.5	4.6	54.9	\$7.44

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