



2004 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	
Legend Seeds	LS2112RR	68.7	10.8	34.4	19.8	5.1	54.2	\$5.80
Northrup King	S24-K4	61.9	10.6	34.8	19.4	5.3	54.2	\$5.78
Ag Vantage FS	X2545	61.5	10.8	36.0	19.1	5.0	55.1	\$5.87
DeKalb	DKB25-51	60.5	11.0	33.7	20.4	5.2	54.1	\$5.81
Prairie Brand	PB2243RR	59.9	11.2	33.9	20.0	5.1	53.9	\$5.77
DeKalb	DKB28-52	59.5	10.8	34.5	20.2	5.1	54.7	\$5.87
Pioneer	93M11	58.9	10.8	35.5	21.1	5.0	56.6	\$6.12
Stine	2116-4	57.6	11.2	33.2	20.1	5.2	53.3	\$5.70
Crows	C2317RR	55.6	10.7	36.5	19.0	5.0	55.5	\$5.92
Pioneer	92M91	54.7	10.6	34.5	21.2	5.1	55.7	\$6.02
Asgrow	AG2403	53.5	10.8	35.4	20.0	5.0	55.4	\$5.94
Legend Seeds	LS2799RR	53.2	11.0	36.5	19.4	5.0	55.9	\$5.98
Asgrow	AG2801	53.0	11.2	35.9	19.3	5.0	55.2	\$5.89
LG	C2844RR	52.3	10.8	37.6	19.0	4.9	56.6	\$6.04
Great Lakes	2201RR	52.2	11.0	34.2	20.0	5.1	54.2	\$5.80
Crows	C2617RR	51.9	10.8	38.0	18.7	4.9	56.7	\$6.04
Great Lakes	3327RR	50.0	10.9	35.2	19.8	5.1	55.0	\$5.89
Prairie Brand	PB2643RR	49.5	10.9	35.0	19.8	5.0	54.8	\$5.87
Epley	ESB282RR	48.5	10.8	35.4	20.1	5.0	55.5	\$5.96
Northrup King	S28-L9 RR	47.4	11.3	37.6	18.0	5.0	55.6	\$5.89
Epley	ESB283NR	44.5	10.9	37.5	19.6	4.9	57.1	\$6.12
LG	C2434RR	44.1	10.5	35.7	19.5	5.1	55.2	\$5.90
Ag Vantage FS	HS2725	40.5	11.2	36.3	17.8	5.1	54.1	\$5.71
Stine	2783-4	39.0	11.2	37.1	19.4	4.9	56.5	\$6.04

Check Variety Information: (average values for check strips)								
Great Lakes	2525RR	53.0	10.7	36.1	19.4	5.1	55.4	\$5.92

Averages⁴	53.3	10.9	35.6	19.6	5.0	55.2	\$5.91
Standard Deviation⁴	7.2	0.2	1.3	0.8	0.1	1.0	\$0.12
Maximum⁴	68.7	11.3	38.0	21.2	5.3	57.1	\$6.12
Minimum⁴	39.0	10.5	33.2	17.8	4.9	53.3	\$5.70

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