



# 2002 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 <sup>1</sup> ( Bu. / A. )	Field Moisture <sup>2</sup> ( % )	Protein ( % )	Oil ( % )	Fiber ( % )	Sum (P+O) ( % )	EPVB <sup>3</sup> ( \$ / Bu. )
		<b>Long Term Iowa Averages:</b>		<b>35.0</b>	<b>18.5</b>	<b>5.0</b>	<b>53.5</b>	
Northrup King	S24-K4RR	69.4	11.7	34.7	19.3	4.7	54.0	\$6.06
Garst	2332RR	67.9	11.8	36.0	19.0	4.5	55.0	\$6.20
Asgrow	AG2703R	67.7	12.0	35.5	19.5	4.7	55.0	\$6.19
Pioneer	93B09	67.6	11.8	34.9	20.1	4.5	55.0	\$6.19
Crows	C2606R	66.7	12.1	34.7	19.5	4.7	54.2	\$6.09
Garst	2547RR	66.4	11.7	35.9	18.6	4.7	54.5	\$6.14
Prairie Brand	PB2421RR	66.3	11.7	34.2	19.6	4.7	53.8	\$6.07
Dekalb	DKB 26-51R	66.1	12.0	34.9	19.2	4.8	54.1	\$6.07
Thompson Seeds	T-7285RR	66.1	11.5	35.8	18.2	4.6	54.0	\$6.07
Prairie Brand	PB1921RR	65.6	11.8	34.7	19.9	4.5	54.6	\$6.14
Mycogen	5B283RR	65.1	11.6	34.9	18.9	4.8	53.8	\$6.04
Mycogen	5B242RR	64.9	11.0	35.4	19.5	4.6	54.9	\$6.18
Patriot	24X14RR	64.4	11.9	36.0	18.9	4.5	54.9	\$6.19
Thompson Seeds	T-7242RR	64.4	12.0	36.4	18.5	4.5	54.9	\$6.19
Dekalb	DKB 23-51R	63.8	12.7	35.8	18.8	4.7	54.6	\$6.15
Epley	ESB 281RR	63.4	12.5	35.6	18.4	4.6	54.0	\$6.07
Great Lakes	1530RR	63.4	13.0	34.9	19.6	4.8	54.5	\$6.12
Northrup King	S27-R1RR	63.4	12.0	35.1	19.2	4.6	54.3	\$6.10
Otilie	RO8282RRN	63.3	11.0	34.6	19.5	4.7	54.1	\$6.07
LG	2434RR	63.3	12.2	34.6	20.2	4.5	54.8	\$6.16
Midwest	GR2931RR	63.1	12.0	36.4	18.9	4.7	55.3	\$6.24
Ag Vantage	HS 2617R	63.0	12.6	34.7	19.6	4.7	54.3	\$6.10
Pioneer	92B74	62.8	12.0	33.4	20.1	4.8	53.5	\$5.98
Otilie	RO8252RR	62.3	10.9	35.8	18.8	4.7	54.6	\$6.15
Asgrow	AG2302R	61.9	12.4	35.0	19.8	4.5	54.8	\$6.16
Midwest	GR2435RR	61.7	11.6	34.8	18.5	4.8	53.3	\$5.97
High Cycle	2212RR	61.7	12.8	35.1	19.5	4.5	54.6	\$6.14
Patriot	277RR	61.4	11.9	36.3	19.0	4.5	55.3	\$6.24
Ag Vantage	HS 2515R	61.4	13.2	34.8	19.9	4.4	54.7	\$6.15
Great Lakes	2419RR	61.3	13.2	34.8	19.8	4.7	54.6	\$6.14
High Cycle	2244RR	61.1	12.7	34.8	18.5	4.6	53.3	\$5.97
Crows	C3115R	59.9	12.4	36.5	17.9	4.7	54.4	\$6.13
Epley	ESB 263RR	58.5	12.4	35.8	18.3	4.6	54.1	\$6.08
LG	2626RR	57.9	12.1	36.0	19.2	4.7	55.2	\$6.22
Check Variety Information: (average values for check strips)								
Prairie Brand	2141RR	68.2	12.0	34.9	19.2	4.6	54.1	\$6.07

<b>Averages<sup>4</sup></b>	63.7	12.1	35.3	19.2	4.6	54.4	\$6.12
<b>Standard Deviation<sup>4</sup></b>	2.7	0.6	0.7	0.6	0.1	0.5	\$0.07
<b>Maximum<sup>4</sup></b>	69.4	13.2	36.5	20.2	4.8	55.3	\$6.24
<b>Minimum<sup>4</sup></b>	57.9	10.9	33.4	17.9	4.4	53.3	\$5.97

### YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE.

<sup>1</sup> Yield is check-adjusted in plots with check strips.

<sup>2</sup> Field moisture content data were provided by the participating plot operator.

<sup>3</sup> 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.

<sup>4</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final

### Ingredient Prices for EPVB

Soybeans (\$ / bu.)	5.50
48% Soy Meal (\$ / ton)	185
Soy Oil (\$ / lb.)	0.21
Millfeed (\$ / lb.)	0.05