



# 2004 Strip Plots

ISU Grain Quality Laboratory

## Results: Iowa Central Community College 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>	
Asgrow	2403	55.2	9.7	36.1	19.6	5.1	55.7	\$5.96
Crows	2130	54.3	9.8	36.4	18.8	5.1	55.2	\$5.87
Garst	2677	51.6	9.1	38.3	18.8	4.9	57.1	\$6.09
Golden Harvest	2162	51.5	9.2	36.4	19.0	5.1	55.4	\$5.90
Stine	2103	50.6	10.6	34.9	19.0	5.1	53.9	\$5.73
DeKalb	22-52	50.6	9.8	34.8	19.2	5.2	54.0	\$5.75
Crows	2606	50.6	9.2	37.6	18.6	5.1	56.2	\$5.98
Wilson	2334	50.5	9.9	37.4	18.6	5.0	56.0	\$5.96
Golden Harvest	2453	50.3	8.8	38.1	18.3	5.0	56.4	\$5.99
Legend	X2424RRN	50.3	9.0	37.2	18.6	5.1	55.8	\$5.94
PSA	9239	49.9	9.8	37.8	19.1	4.9	56.9	\$6.08
Stine	1918	49.3	10.3	35.4	18.7	5.1	54.1	\$5.75
Ottlie	8218RRN	49.2	10.5	35.8	19.1	5.1	54.9	\$5.85
Latham	497 SoyGuard	49.1	10.1	34.8	19.2	5.2	54.0	\$5.75
NK	S24K4	49.1	9.6	36.0	19.1	5.2	55.1	\$5.87
Crows	2015	49.1	9.4	36.0	19.2	5.1	55.2	\$5.89
Golden Harvest	2811	49.1	9.1	38.2	18.8	4.9	57.0	\$6.08
Legend	X2824RRN	49.1	9.3	37.6	18.3	5.0	55.9	\$5.94
Great Lakes	2201	48.9	10.7	35.1	19.2	5.1	54.3	\$5.79
Legend	X2914	48.8	8.8	39.1	17.6	4.9	56.7	\$6.00
Stine	2116	48.6	10.6	35.2	19.1	5.1	54.3	\$5.78
Crows	2202	48.3	9.7	38.0	18.1	4.9	56.1	\$5.95
Great Lakes	1903	47.6	10.5	38.0	18.3	4.9	56.3	\$5.98
Wilson	2881	47.2	9.6	36.6	19.2	5.0	55.8	\$5.96
Garst	2312RRN	47.2	8.9	38.9	18.6	4.9	57.5	\$6.13
Garst	2744RRN	47.0	9.5	39.8	17.8	4.8	57.6	\$6.11
Ottlie	8248	46.3	10.0	38.2	17.7	4.9	55.9	\$5.91
Latham	2136 SoyGua	46.1	10.2	34.8	18.5	5.2	53.3	\$5.65
Ottlie	8282RRN	46.0	10.5	36.8	18.2	5.1	55.0	\$5.83
Legend	LS2723RRN	45.9	9.3	38.6	17.8	4.9	56.4	\$5.98
Latham	738	45.6	9.8	36.3	19.0	5.1	55.3	\$5.89
Garst	2332Treated	45.5	9.2	39.5	18.5	4.9	58.0	\$6.18
DeKalb	26-52	45.1	9.4	38.4	17.5	5.0	55.9	\$5.91
NK	X326R	45.1	10.4	37.0	19.2	5.0	56.2	\$6.00
Stine	2783	44.8	10.7	38.4	18.0	4.7	56.4	\$5.98
PSA	8286	44.7	10.0	37.9	18.3	4.9	56.2	\$5.97
Ottlie	8269RRN	44.4	10.4	36.4	18.3	5.0	54.7	\$5.80
Pioneer	92M30	44.1	9.6	36.1	19.2	5.1	55.3	\$5.90
Wilson	2632	43.8	9.7	38.1	18.1	5.0	56.2	\$5.96
PSA	8255	43.0	9.5	38.7	18.7	4.8	57.4	\$6.12
NK	S28L9	42.9	10.0	38.5	17.6	5.0	56.1	\$5.93
Golden Harvest	2698	42.7	10.9	39.3	17.0	4.7	56.3	\$5.94
Pioneer	92M40	42.6	10.6	35.8	18.2	5.2	54.0	\$5.72
Pioneer	92M70	42.4	9.8	36.4	19.0	5.0	55.4	\$5.90
Wilson	2475	42.2	9.9	35.9	18.0	5.3	53.9	\$5.70
NK	X321R	41.9	9.6	38.2	18.1	5.0	56.3	\$5.97
PSA	9274	41.3	9.3	39.4	18.1	4.8	57.5	\$6.11
Great Lakes	2301Treated	41.2	10.1	37.5	18.3	4.9	55.8	\$5.93
Great Lakes	2519	40.6	10.8	39.0	17.9	4.7	56.9	\$6.04
Asgrow	2801	39.5	10.0	38.2	17.0	5.1	55.2	\$5.81
Latham	2038	38.3	10.2	35.8	18.6	5.2	54.4	\$5.78
Pioneer	92M92	37.5	10.6	38.2	16.2	5.1	54.4	\$5.69

Check Variety Information: (average values for check strips)

Croplan	2500	42.8	10.1	37.3	18.4	5.0	55.6	\$5.91
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<b>Averages<sup>4</sup></b>	46.5	9.8	37.2	18.4	5.0	55.7	\$5.92
<b>Standard Deviation<sup>4</sup></b>	3.9	0.6	1.4	0.7	0.1	1.1	\$0.13
<b>Maximum<sup>4</sup></b>	55.2	10.9	39.8	19.6	5.3	58.0	\$6.18
<b>Minimum<sup>4</sup></b>	37.5	8.8	34.8	16.2	4.7	53.3	\$5.65

**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 results, not including check strips (where applicable).	<b>Ingredient Prices for EPVB</b>	
	Soybeans (\$ / bu.)	5.17
	48% Soy Meal (\$ / ton)	160
	Soy Oil (\$ / lb.)	0.25
	Millfeed (\$ / lb.)	0.05