



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Linn County 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	
Wilson	3163RR	56.1	12.9	37.2	17.2	4.8	54.4	\$5.73
Crows	2317RR	51.6	12.5	37.6	17.2	4.7	54.8	\$5.77
Crows	2815RR	48.7	13.1	36.6	18.1	4.8	54.7	\$5.79
Prairie Brand	PB-2443RR	48.2	11.4	38.0	17.5	4.8	55.5	\$5.86
Stine	2702RR	48.0	13.4	38.6	16.8	4.6	55.4	\$5.83
LG Seed	3110RR	47.7	12.7	37.8	18.0	4.6	55.8	\$5.91
Renk	RS-262NRR	47.3	11.6	38.4	18.5	4.6	56.9	\$6.06
High Cycle	2284RR	46.6	13.1	37.0	17.9	4.7	54.9	\$5.81
Asgrow	2803RR	46.2	12.1	36.9	18.5	4.8	55.4	\$5.89
Stine	2116RR	45.9	12.9	36.5	18.3	4.7	54.8	\$5.81
Excel	8200RR	45.8	12.9	38.5	17.1	4.6	55.6	\$5.86
Pioneer	92M91RR	45.6	11.2	37.1	19.5	4.8	56.6	\$6.06
Marks	0125CTB	44.8	12.1	37.0	18.1	4.9	55.1	\$5.84
Kaltenberg	KB-244RR	44.3	13.2	37.7	18.1	4.5	55.8	\$5.92
Excel	8254RR	44.3	13.1	38.0	18.1	4.5	56.1	\$5.95
Croplan Genetics	2802RR	44.2	13.3	37.3	18.2	4.6	55.5	\$5.89
Garst	2903RR	44.2	12.6	37.8	18.0	4.7	55.8	\$5.91
Ottillie R O	8247RRN	43.4	12.7	37.7	17.7	4.7	55.4	\$5.86
Wilson	2632RR	43.2	11.4	38.2	17.7	4.8	55.9	\$5.91
Golden Harvest	H-2929RR	43.0	11.4	36.7	17.9	4.9	54.6	\$5.77
Marks	0228CTA	42.9	12.0	38.5	18.1	4.7	56.6	\$6.01
F S Seeds	2736RR	42.7	13.3	39.7	16.9	4.4	56.6	\$5.97
Prairie Brand	PB-2643RR	42.7	11.5	35.4	19.3	5.0	54.7	\$5.84
Renk	RS-284RR	41.9	11.0	37.5	18.5	4.8	56.0	\$5.96
LG Seed	2844NRR	41.7	12.2	40.3	16.7	4.5	57.0	\$6.00
Pioneer	93B09RR	41.7	10.9	37.5	19.5	4.7	57.0	\$6.11
F S Seeds	2725RR	40.6	12.8	38.2	17.7	4.6	55.9	\$5.91
Asgrow	2801RR	39.9	13.3	38.0	17.2	4.7	55.2	\$5.82
High Cycle	2282RR	39.5	12.9	36.4	17.8	4.8	54.2	\$5.72
Excel	8284RR	39.3	11.5	37.1	17.9	5.0	55.0	\$5.82
Ottillie R O	8287RR	38.9	13.1	39.3	16.8	4.4	56.1	\$5.91
Golden Harvest	H-2875RR	38.9	11.4	36.7	18.1	5.1	54.8	\$5.80
Excel	8274RR	37.7	11.5	38.2	17.7	4.8	55.9	\$5.91
Kaltenberg	KB-251RR	36.6	13.5	39.6	16.6	4.4	56.2	\$5.91
Garst	2536RR	34.7	12.1	37.4	17.6	4.7	55.0	\$5.81
Croplan Genetics	2963RR	33.8	13.8	36.5	17.9	4.6	54.4	\$5.75

Check Variety Information: (average values for check strips)

Wilson	2960RR	40.1	12.4	37.7	17.5	4.7	55.3	\$5.83
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Averages⁴	43.4	12.4	37.7	17.9	4.7	55.5	\$5.88
Standard Deviation⁴	4.5	0.8	1.0	0.7	0.2	0.8	\$0.09
Maximum⁴	56.1	13.8	40.3	19.5	5.1	57.0	\$6.11
Minimum⁴	33.8	10.9	35.4	16.6	4.4	54.2	\$5.72

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