



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Linn County; Round-up 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	
Ottlie RO	8269 RR	61.5	10.1	35.0	18.8	4.9	53.8	\$5.74
Trelay/High Cycle	2293 RR	60.5	10.3	34.5	19.8	4.8	54.3	\$5.80
LG Seed	C3110 NRR	60.5	10.0	35.3	19.5	4.6	54.8	\$5.87
Ottlie RO	8290 RR	59.8	10.1	34.5	19.6	4.8	54.1	\$5.78
New Horizon FS	2846 RR	58.8	9.7	35.0	19.0	4.9	54.0	\$5.77
Dekalb/Asgrow	2801 RR	58.5	9.6	35.8	18.7	4.8	54.5	\$5.84
Trelay/High Cycle	2245 RR	57.7	10.5	34.3	19.6	4.8	53.9	\$5.75
Dyna Gro	34Z27 RR	55.0	9.9	35.0	19.7	4.7	54.7	\$5.86
NK	S29-T6 RR	54.6	9.3	34.4	19.4	4.9	53.8	\$5.74
Naylor's	Excel 8260 RR	53.5	10.0	35.9	19.1	4.7	55.0	\$5.90
Fontanelle	9301 RR	53.2	9.8	34.0	19.0	5.0	53.0	\$5.63
Garst	2903 RR	52.9	10.0	35.4	18.9	4.8	54.3	\$5.81
LG Seed	C2550RR	52.6	10.3	34.8	19.2	4.9	54.0	\$5.77
Stine	2402-4 RR	52.3	10.8	34.4	19.4	4.8	53.8	\$5.74
Garst	2834 RR	52.3	10.0	33.9	19.1	4.9	53.0	\$5.63
Crows	2417 RR	51.9	10.8	34.5	19.3	4.8	53.8	\$5.74
Naylor's	Excel 8259 RR	51.8	9.9	34.1	19.2	4.9	53.3	\$5.67
Crows	2617 RR	51.7	11.1	35.4	19.2	4.8	54.6	\$5.85
Fontanelle	8104 RR	51.5	9.6	33.8	19.0	4.9	52.8	\$5.60
Marks	O228 CTA	51.3	10.1	35.1	19.1	4.8	54.2	\$5.79
Kaltenberg	KB-255 RR	50.7	9.8	35.9	18.6	4.7	54.5	\$5.84
Golden Harvest	H-2448 RR	50.6	10.1	36.1	19.2	4.7	55.3	\$5.94
Kaltenberg	KB-264 RR	50.6	9.4	35.0	19.0	4.9	54.0	\$5.77
Dyna Gro	38K28 RR	50.4	9.7	33.9	19.9	4.8	53.8	\$5.73
Golden Harvest	H-2929 RR	50.3	9.5	34.9	18.9	4.8	53.8	\$5.74
Dekalb/Asgrow	2403 RR	50.3	9.3	34.1	20.2	4.8	54.3	\$5.80
Marks	O226 CTA	49.9	10.6	35.4	18.2	4.9	53.6	\$5.72
New Horizon FS	2025 RR	48.6	9.7	34.0	20.1	4.8	54.1	\$5.77
Pioneer	92M91 RR	48.3	10.1	33.3	20.8	4.8	54.1	\$5.77
Hermann's	Excel 8259 RR	48.0	10.0	34.4	19.1	4.9	53.5	\$5.70
Stine	2688-4 RR	47.8	10.8	35.3	19.4	4.7	54.7	\$5.86
Pioneer	92M80 RR	45.3	9.5	34.5	19.9	4.7	54.4	\$5.82
Hermann's	Excel 8254 RR	43.8	10.0	33.4	20.4	4.8	53.8	\$5.73
NK	S27-T7 RR	40.8	9.4	34.3	19.9	4.8	54.2	\$5.79
Check Variety Information: (average values for check strips)								
Check (Crows)	2317 RR	52.6	10.2	35.6	19.0	4.7	54.7	\$5.86
Averages*		52.3	10.0	34.7	19.4	4.8	54.1	\$5.77
Standard Deviation*		4.8	0.5	0.7	0.5	0.1	0.6	\$0.08
Maximum*		61.5	11.1	36.1	20.8	5.0	55.3	\$5.94
Minimum*		40.8	9.3	33.3	18.2	4.6	52.8	\$5.60

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

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final

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Ingredient Prices for EPVB	
Soybeans (\$ / bu.)	5.20
48% Soy Meal (\$ / ton)	185
Soy Oil (\$ / lb.)	0.22
Millfeed (\$ / lb.)	0.04