



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Pomeroy-Palmer FFA

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	
Fontanelle	8301 NRR	55.0	10.7	34.5	19.9	4.8	54.4	\$5.82
Mycogen	5N203 RR	54.9	11.0	33.2	20.5	4.9	53.7	\$5.72
SOI	2151 NRR	54.4	10.9	33.9	20.0	4.9	53.9	\$5.75
Pioneer	92M70	53.3	10.9	33.8	19.2	4.9	53.0	\$5.63
Mycogen	5N290 RR	51.9	10.9	35.2	19.3	4.8	54.5	\$5.83
Pioneer	92M91	51.6	11.8	33.7	20.5	4.8	54.2	\$5.79
Garst	2677 XRR	51.6	10.9	35.2	19.2	4.8	54.4	\$5.82
Great Lakes	GL2302 RR	51.5	10.3	35.3	19.1	4.8	54.4	\$5.82
Garst	2359 RRN	51.0	10.7	33.5	20.2	4.8	53.7	\$5.72
Great Lakes	GL2719 RR	50.3	11.2	34.1	19.2	4.9	53.3	\$5.67
Golden Harvest	2276 RR	50.3	10.4	36.1	19.5	4.6	55.6	\$5.98
Sunrise Seeds	SR 2802 RR	49.6	10.7	35.1	19.2	4.8	54.3	\$5.81
Sunrise Seeds	SR 2604 RR	46.2	10.7	36.2	18.0	4.8	54.2	\$5.80
Fontanelle	8464 NRR	46.0	10.8	35.2	18.8	4.8	54.0	\$5.77
Golden Harvest	X429R	44.1	10.6	34.4	19.1	4.9	53.5	\$5.70
SOI	2568 XRR	39.3	10.9	35.9	18.3	4.8	54.2	\$5.80
Check Variety Information: (average values for check strips)								
Golden Harvest	X429R (Check)	50.1	10.7	34.3	19.3	4.9	53.6	\$5.71



Averages⁴	50.1	10.8	34.7	19.4	4.8	54.1	\$5.78
Standard Deviation⁴	4.3	0.3	1.0	0.7	0.1	0.6	\$0.08
Maximum⁴	55.0	11.8	36.2	20.5	4.9	55.6	\$5.98
Minimum⁴	39.3	10.3	33.2	18.0	4.6	53.0	\$5.63

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
 Copyright © 1996-2005, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.

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