



2016 Strip Plots

ISU Grain Quality Laboratory

Results: Adair Co. with Adair formula

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	
FS Hisoy	28A42	70.9	14.7	34.0	19.6	4.8	53.6	\$10.26
Pioneer	P34T23R	70.8	14.0	34.0	19.5	4.8	53.5	\$10.24
Pioneer	P28T08R	70.5	14.6	32.8	21.2	4.8	54.0	\$10.27
Pioneer	P31T77R	69.8	14.6	33.8	20.0	4.8	53.8	\$10.29
4 Star	2Y262	69.7	15.0	34.5	18.7	4.9	53.1	\$10.21
Pioneer	P32T16R	69.2	14.3	33.4	19.7	4.9	53.1	\$10.13
Pioneer	P31T11R	69.0	14.3	33.5	19.8	4.9	53.3	\$10.17
FS Hisoy	HS34A50	68.8	14.1	33.8	19.3	4.9	53.0	\$10.15
Prairie Brand	2876R2	68.6	15.2	33.4	19.6	4.9	53.0	\$10.11
LG Seeds	3321R2	68.2	14.3	33.9	18.8	4.9	52.7	\$10.08
Channel	3709RR2	68.1	13.7	35.0	18.3	4.9	53.3	\$10.26
Mycogen	5N312R2	67.4	14.6	34.6	18.4	4.9	53.0	\$10.18
Mycogen	X56344NR2	67.4	14.0	33.2	20.3	4.8	53.5	\$10.19
LG Seeds	3070R2	66.5	14.6	34.4	18.9	4.9	53.3	\$10.22
LG Seeds	2890R2	66.3	14.9	33.6	19.1	4.9	52.8	\$10.06
Prairie Brand	3087R2	66.2	14.4	35.7	18.2	4.8	53.9	\$10.42
Prairie Brand	2917R2	66.1	14.9	35.6	18.6	4.7	54.2	\$10.47
Mycogen	5N343R2	65.9	14.1	34.3	18.6	4.9	52.9	\$10.14
Channel	3509RR2	65.5	13.7	34.6	18.3	4.9	52.9	\$10.16
FS Hisoy	33A32	65.2	13.7	35.0	18.6	4.8	53.6	\$10.32
Mycogen	X56333NR2	65.0	13.9	34.1	19.1	4.9	53.2	\$10.19
Prairie Brand	3186R2	64.5	14.2	36.3	18.2	4.7	54.5	\$10.57
Prairie Brand	3377R2	64.5	14.0	32.1	20.5	4.9	52.6	\$9.95
Mycogen	5N354R2	64.2	13.5	33.2	19.5	4.9	52.7	\$10.03
LG Seeds	3171R2	63.1	14.5	34.8	18.9	4.8	53.7	\$10.33

Check Variety Information: (average values for check strips)

FS Hisoy	HS34A50	70.4	14.3	34.1	19.2	4.9	4.9	\$10.21
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Averages⁴	67.3	14.3	34.1	19.2	4.9	53.3	\$10.22
Standard Deviation⁴	2.2	0.4	0.9	0.8	0.1	0.5	\$0.14
Maximum⁴	70.9	15.2	36.3	21.2	4.9	54.5	\$10.57
Minimum⁴	63.1	13.5	32.1	18.2	4.7	52.6	\$9.95

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.)	9.80
48% Soy Meal (\$ / ton)	318.50
Soy Oil (\$ / lb.)	0.328
Millfeed (\$ / lb.)	0.125