



2016 Strip Plots

ISU Grain Quality Laboratory

Results: Adair Co., corrected to Adair formula

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	Ethanol Yld (gal/bu)	EPVBF ⁴ (\$ / Bu.)	
				Long Term Iowa Averages:			8.0	3.6	60.0	1.270		
Wyffels	W7456	251.0	\$742.96	59.2	15.8	7.5	3.2	61.6	1.283	2.89	\$2.86	
Pioneer	PO825AM	243.0	\$735.19	55.7	14.5	7.1	3.2	61.7	1.237	2.91	\$2.80	
Pioneer	PO1197AMT	241.7	\$733.59	55.6	14.3	6.9	3.4	61.6	1.240	2.92	\$2.80	
Prairie Brand	6097SX	240.8	\$726.13	58.8	14.7	6.8	3.5	62.1	1.292	2.93	\$2.81	
LG Seeds	5663VT2PRO	240.4	\$717.58	58.1	15.3	7.2	3.2	61.7	1.270	2.91	\$2.82	
Pioneer	P1555CHR	238.0	\$705.69	59.9	15.7	6.9	3.4	62.2	1.293	2.92	\$2.80	
Pioneer	PO937AM	234.5	\$704.77	57.5	14.9	7.1	3.2	61.8	1.247	2.91	\$2.80	
Pioneer	P1311AMXT	231.6	\$697.03	57.3	14.8	7.1	3.5	61.4	1.261	2.91	\$2.85	
Dekalb	DKC63-60RIB	230.9	\$696.17	59.1	14.7	7.1	3.6	61.7	1.285	2.91	\$2.87	
4 Star	EX6515	230.3	\$692.20	59.4	14.9	7.3	3.1	61.9	1.282	2.90	\$2.82	
Wyffels	W7696	229.4	\$686.96	56.6	15.1	6.8	3.1	62.2	1.249	2.93	\$2.74	
Mycogen	2G685	226.4	\$677.93	57.6	15.1	6.9	3.9	60.9	1.228	2.91	\$2.88	
FS/Growmark	64SX1 RIB	226.4	\$674.67	58.5	15.4	6.9	3.2	61.8	1.254	2.92	\$2.77	
LG Seeds	5548STX	224.6	\$679.50	57.3	14.5	6.2	3.7	62.2	1.267	2.95	\$2.75	
Mycogen	MYO6R31	223.4	\$674.67	56.0	14.6	7.3	3.8	60.4	1.246	2.89	\$2.93	
Mycogen	2Y744	221.7	\$667.46	53.3	14.8	6.2	3.2	61.9	1.186	2.95	\$2.67	
Wyffels	W6946DG RIB	219.8	\$657.08	57.2	15.2	6.8	3.0	62.4	1.256	2.93	\$2.73	
Wyffels	W7888	219.7	\$661.43	59.2	14.8	6.7	3.4	62.3	1.289	2.93	\$2.77	
LG Seeds	5643STX	218.5	\$653.45	57.1	15.2	7.2	3.2	61.6	1.248	2.90	\$2.82	
Channel	214-45DG	215.0	\$650.43	57.0	14.5	6.6	3.0	62.6	1.240	2.94	\$2.70	
Prairie Brand	6247VH	211.2	\$627.35	57.0	15.6	7.1	3.1	62.0	1.266	2.91	\$2.79	
Channel	217-41DG	210.1	\$639.81	56.3	14.1	6.9	2.9	62.3	1.239	2.92	\$2.73	
Prairie Brand	6186RA	209.8	\$634.74	58.7	14.5	7.5	3.5	60.8	1.249	2.88	\$2.91	
FS/Growmark	63SX1 RIB	209.6	\$635.07	59.7	14.4	7.7	3.3	61.3	1.280	2.88	\$2.91	
Dekalb	DKC63-72RIB	208.6	\$626.93	56.6	14.9	6.7	3.0	62.6	1.256	2.94	\$2.71	
Prairie Brand	6367SX	206.4	\$624.35	57.1	14.5	7.1	3.1	61.9	1.259	2.91	\$2.79	
Prairie Brand	5825RA	205.4	\$614.04	57.3	15.2	7.3	3.6	61.2	1.272	2.89	\$2.90	
LG Seeds	5618STX	201.3	\$606.85	56.1	14.7	6.8	3.0	61.9	1.213	2.93	\$2.73	
Mycogen	2Y669	200.0	\$605.13	58.0	14.5	7.7	3.8	60.6	1.268	2.87	\$2.99	
Mycogen	2C799	199.6	\$604.67	56.4	14.4	6.7	3.3	61.7	1.229	2.93	\$2.76	

Check Variety Information: (average values for check strips)

Pioneer	P1311AMXT	227.2	\$615.87	56.4	14.8	7.1	3.4	61.4	1.253	2.91	\$2.83
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Averages⁵	222.3	\$668.46	57.5	14.9	7.0	3.3	61.7	1.26	2.91	\$2.81
Standard Deviation⁵	14.2	\$41.30	1.5	0.4	0.4	0.3	0.6	0.02	0.02	\$0.08
Maximum⁵	251.0	\$742.96	59.9	15.8	7.7	3.9	62.6	1.29	2.95	\$2.99
Minimum⁵	199.6	\$604.67	53.3	14.1	6.2	2.9	60.4	1.19	2.87	\$2.67

YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT, DENSITY and ETHANOL BASIS 15% MOISTURE.
VALUE IS GROSS REVENUE PER ACRE MINUS 5 CENTS/BU/PT. FOR DRYING.
DENSITY IS A MEASURE OF KERNEL HARDNESS.

¹ Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$3.20) and a drying charge.
³ Field moisture content and test weight data were provided by the participating plot operator.
⁴ EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality and the current market price for feed ingredients.
⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

Ingredient Prices for EPVBF

Corn (\$ / bu.)	3.00
White Grease (\$ / lb.)	0.280
DDG (\$ / ton)	145.00
48% Soy Meal (\$ / ton)	320.00