



2006 Strip Plots

ISU Grain Quality Laboratory

Results: Anamosa FFA

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)	EPVBF ⁴ (\$ / Bu.)
				Long Term Iowa Averages:						
						8.0	3.6	60.0	1.27	
Asgrow	RX74RR2	174.5	\$549.01	56.6	17.3	7.0	3.8	60.8	1.28	\$3.18
Pioneer	33N30	170.7	\$528.73	56.8	19.1	7.7	3.8	60.1	1.29	\$3.21
Dekalb	6145	167.7	\$520.75	56.5	18.8	6.8	3.6	61.0	1.27	\$3.15
Mycogen	F802T780	167.2	\$512.94	55.0	20.2	7.0	3.8	60.2	1.27	\$3.18
Dekalb	5819	165.9	\$525.21	55.9	16.6	6.9	3.7	60.9	1.26	\$3.17
Dekalb	5512	162.8	\$516.35	56.7	16.4	7.1	3.6	61.3	1.28	\$3.17
Asgrow	RX674RR	161.1	\$506.40	56.4	17.4	6.8	3.5	61.4	1.27	\$3.14
Asgrow	668RR2	158.5	\$496.57	55.8	17.8	7.2	3.4	61.4	1.28	\$3.15
GH	8877	158.1	\$490.94	56.1	18.8	7.2	3.8	60.2	1.26	\$3.19
Pioneer	34P89	155.4	\$479.97	57.2	19.4	7.5	3.7	60.6	1.31	\$3.19
Dekalb	C6016	153.2	\$476.73	58.1	18.6	7.0	3.6	61.0	1.29	\$3.16
FA	1051	151.1	\$474.35	56.0	17.6	7.7	3.7	60.3	1.27	\$3.20
GH	H8991	150.2	\$473.08	58.0	17.2	7.0	3.9	60.9	1.29	\$3.19
FS	6473	147.2	\$454.26	55.1	19.5	6.7	4.0	60.6	1.28	\$3.18
Garst	8535	145.7	\$454.52	56.9	18.3	6.4	4.0	60.7	1.26	\$3.17
Ottillie	5005	145.0	\$454.77	57.5	17.7	7.2	3.9	60.1	1.25	\$3.20
Ottillie	4844	144.5	\$451.68	54.6	18.1	6.8	3.6	61.0	1.28	\$3.15
Pioneer	34A17	144.4	\$447.37	56.2	19.1	7.4	3.6	60.3	1.28	\$3.18
Pioneer	34N40	143.0	\$443.71	57.3	18.9	7.1	3.7	60.5	1.28	\$3.18
FA	9580L	142.6	\$445.47	54.0	18.1	6.7	3.6	60.9	1.25	\$3.15
Ottillie	4340	142.3	\$452.19	57.7	16.2	6.7	3.6	61.8	1.28	\$3.15
Asgrow	RX655RR2	141.9	\$446.41	58.0	17.3	6.9	4.1	60.8	1.30	\$3.20
Asgrow	RX655RR2	138.4	\$437.56	58.4	16.8	6.5	4.0	60.9	1.28	\$3.17
Cornelius	P250C542RR	137.5	\$430.06	55.2	18.0	7.2	3.7	60.6	1.27	\$3.18
FS	6473	134.6	\$414.26	55.2	19.8	7.7	3.8	60.1	1.29	\$3.21
Unity	1085G3	132.4	\$410.43	56.5	19.0	7.7	3.7	60.2	1.29	\$3.20
Mycogen	2M747	122.0	\$378.24	54.8	19.0	8.5	4.0	59.1	1.30	\$3.27
Mycogen	2P722	118.0	\$367.17	54.3	18.6	6.7	3.6	61.0	1.23	\$3.15
Cornelius	C637YG	112.9	\$352.35	54.8	18.2	6.6	3.8	60.7	1.23	\$3.16
Unity	6296	108.2	\$328.49	53.4	21.3	7.9	3.9	59.7	1.28	\$3.23
Garst	8575	106.8	\$331.32	53.6	18.9	6.2	3.7	60.7	1.22	\$3.13

Check Variety Information: (average values for check strips)										
FA	1061	155.1	\$ 490.70	57.6	16.7	6.8	3.6	61.2	1.27	\$3.15

Averages⁵	145.3	\$453.27	56.1	18.3	7.1	3.7	60.6	1.27	\$3.18
Standard Deviation⁵	17.9	\$57.27	1.4	1.1	0.5	0.2	0.5	0.02	\$0.03
Maximum⁵	174.5	\$549.01	58.4	21.3	8.5	4.1	61.8	1.31	\$3.27
Minimum⁵	106.8	\$328.49	53.4	16.2	6.2	3.4	59.1	1.22	\$3.13

YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.
VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 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 (\$3.21) 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.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6