



2000 Strip Plots

ISU Grain Quality Laboratory

Results: Anamosa FFA Corn Variety Test Plot

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	
Trelay	8200 (SP891)	208.2	\$290.72	54.1	11.5	7.8	3.7	59.3	1.26	1.29
Cornelius	518	204.9	\$290.03	53.0	10.8	8.3	4.1	58.8	1.23	1.34
Asgrow	DK537	200.6	\$281.12	56.1	11.3	8.3	3.8	59.1	1.24	1.33
Midwest Seed	G7610	193.8	\$273.29	54.0	11.0	8.3	3.6	59.4	1.27	1.32
Garst	8557 RR	193.2	\$265.56	52.3	12.3	7.8	4.1	59.8	1.21	1.31
Norvatis	NK N58-D1	193.2	\$251.11	57.0	15.0	8.2	3.8	58.8	1.26	1.32
Garst	8647	192.0	\$258.55	54.6	13.3	8.3	3.3	59.7	1.25	1.31
Cornelius	C507	191.6	\$270.66	52.0	10.9	8.3	4.0	59.1	1.22	1.34
Asgrow	RV 634	190.2	\$251.99	51.8	14.1	8.9	3.9	58.8	1.24	1.38
Wyffels	W5540	190.2	\$251.42	54.8	14.2	8.4	4.0	58.5	1.24	1.35
Wyffels	W5540	189.8	\$264.48	52.2	11.6	8.8	4.1	58.0	1.23	1.38
Croplan	619 Bt	188.7	\$243.26	53.1	15.4	7.9	3.8	59.0	1.26	1.30
Dairyland	1412	188.7	\$240.12	57.3	16.0	7.5	3.3	60.4	1.23	1.25
Garst	8550 Bt	188.6	\$267.99	50.9	10.6	8.6	4.1	58.2	1.25	1.36
Ag Venture	683 Bt	188.3	\$253.02	53.6	13.4	8.2	4.2	58.8	1.21	1.34
Ag Venture	826 Bt	187.3	\$243.95	53.0	14.9	7.9	4.0	59.0	1.24	1.31
Midwest Seed	X91121 Bt	185.1	\$244.14	50.8	14.3	8.0	4.0	59.1	1.23	1.32
Trelay	7747 Bt	184.9	\$236.78	53.2	15.7	9.0	4.0	57.8	1.24	1.39
Henkel	H1730	183.1	\$238.50	53.0	14.9	8.2	4.1	58.5	1.24	1.34
Norvatis	NK N67-T4	182.7	\$253.12	56.2	11.9	7.9	4.1	58.5	1.24	1.32
Garst	8585	182.7	\$254.05	53.2	11.7	8.5	3.8	58.4	1.24	1.34
Trelay	9095	181.9	\$240.97	56.8	14.1	7.2	3.9	59.6	1.24	1.26
Garst	8464	181.1	\$234.43	52.1	15.2	7.7	4.6	59.5	1.22	1.32
Croplan	661	180.5	\$247.62	52.4	12.4	9.1	3.8	57.7	1.25	1.39
Garst	8530 Bt	179.7	\$233.09	55.0	15.1	8.1	4.1	58.7	1.24	1.33
Wyffels	W575 Bt	179.4	\$240.13	55.7	13.6	8.5	4.1	58.8	1.23	1.36
Pioneer	33B50	176.0	\$244.78	53.2	11.7	8.3	4.0	58.9	1.24	1.34
Norvatis	NK N65-A1	174.1	\$234.51	53.6	13.3	7.6	3.9	59.8	1.24	1.29
Trelay	HC540	171.8	\$233.79	55.5	12.8	7.8	3.6	59.7	1.25	1.29
Dekalb	S89 Bt	168.8	\$233.82	53.2	11.9	8.3	3.7	59.6	1.23	1.33
Cargill	S212	166.8	\$229.75	53.3	12.2	8.1	4.2	59.0	1.22	1.33
Asgrow	RX601	166.3	\$234.95	54.0	10.9	8.9	3.7	59.1	1.27	1.37
FS	S308	166.0	\$236.86	54.9	10.4	8.3	3.8	59.6	1.25	1.33
Cargill	6912	165.4	\$228.64	53.3	12.0	8.7	3.9	59.4	1.24	1.36
Ag Venture	717 Bt	165.3	\$233.46	53.0	10.9	8.3	3.7	60.0	1.25	1.33
Garst	8595 RR	164.2	\$229.28	56.1	11.5	7.7	4.2	59.6	1.20	1.31
Garst	8600 Bt	163.9	\$219.84	54.6	13.5	8.9	4.4	57.5	1.25	1.40
Henkel	H1820	162.6	\$221.63	54.4	12.7	7.6	4.0	60.0	1.23	1.29
Dekalb	53-32 Bt	162.4	\$226.24	55.2	11.6	7.6	3.8	60.7	1.25	1.28
Garst	8590	159.3	\$216.32	54.5	12.9	7.4	3.8	60.5	1.22	1.27
Garst	8481 Bt	158.8	\$198.20	54.5	16.9	9.0	3.8	57.6	1.25	1.38
Pioneer	35N05	153.9	\$216.99	54.0	11.0	8.3	3.8	59.7	1.26	1.33
Garst	8550 Bt	145.4	\$189.46	53.0	14.9	8.1	4.2	58.6	1.23	1.33
Cornelius	518	132.7	\$173.25	54.0	14.8	8.2	4.0	58.6	1.24	1.33

Check Variety Information: (average values for check strips)

Pioneer	34D34	183.0	\$243.09	54.7	14.0	8.0	3.8	59.3	1.24	1.31
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Averages⁵	178.0	241.41	53.9	13.0	8.2	3.9	59.1	1.24	1.33
Standard Deviation⁵	15.7	23.42	1.5	1.7	0.5	0.2	0.8	0.02	0.03
Maximum⁵	208.2	290.72	57.3	16.9	9.1	4.6	60.7	1.27	1.40
Minimum⁵	132.7	173.25	50.8	10.4	7.2	3.3	57.5	1.20	1.25

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 (\$1.30) and a drying charge.
³ Reported 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.)	1.30
White Grease (\$ / lb.)	0.08
DDG (\$ / ton)	88
48% Soy Meal (\$ / ton)	147.5