



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Farm Advantage Strip Plot - Palo Alto County

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	
Garst	8450	171.6	\$295.13	54.3	28.1	7.6	3.5	58.3	1.22	\$2.03	
NK	N60-N2	169.2	\$314.65	55.0	23.0	7.1	3.6	59.3	1.23	\$2.00	
Farm Advantage	1051Bt	168.5	\$320.31	55.6	21.5	7.4	4.0	59.5	1.23	\$2.07	
KeKalb	DK57-01	164.4	\$304.36	54.1	23.3	7.1	3.9	59.5	1.25	\$2.03	
Farm Advantage	1142 HX	161.4	\$261.98	57.2	31.6	7.4	4.2	55.9	1.23	\$2.09	
Pioneer	36B08	161.1	\$299.29	57.0	23.1	7.6	3.7	58.6	1.25	\$2.05	
Garst	8523	158.8	\$296.18	56.0	22.8	7.3	3.5	59.4	1.26	\$2.01	
Farm Advantage	1059	156.6	\$275.33	56.9	26.7	6.6	3.8	59.2	1.26	\$1.97	
Pioneer	34H31	153.4	\$277.37	58.5	24.9	6.9	3.4	59.5	1.28	\$1.96	
Farm Advantage	1079	150.9	\$266.14	54.9	26.5	7.6	3.6	58.8	1.22	\$2.04	
Farm Advantage	1061	150.1	\$259.32	58.2	27.8	6.3	3.5	59.5	1.25	\$1.91	
Farm Advantage	1072LL	149.9	\$268.90	55.6	25.4	6.6	4.0	58.8	1.24	\$1.99	
DeKalb	C62-15	149.0	\$256.32	57.3	28.1	6.7	3.4	58.3	1.26	\$1.94	
Farm Advantage	992Bt	148.3	\$293.74	54.9	18.6	8.1	3.5	59.7	1.27	\$2.08	
Farm Advantage	1010	147.7	\$302.41	54.3	16.2	8.3	3.8	60.1	1.27	\$2.13	
Farm Advantage	1142	147.1	\$252.16	57.3	28.3	6.2	4.0	57.4	1.24	\$1.96	
Farm Advantage	1091RR	144.7	\$267.18	54.1	23.5	7.3	3.9	59.0	1.25	\$2.05	
NK	59-Q9	142.4	\$253.82	54.7	25.8	6.7	3.9	59.4	1.25	\$1.99	
Farm Advantage	1091	137.3	\$250.47	54.8	24.3	7.4	4.0	59.0	1.23	\$2.07	
Farm Advantage	1132Bt	132.0	\$223.37	56.5	29.1	7.6	3.5	57.7	1.22	\$2.03	
Farm Advantage	1088	128.8	\$236.09	54.8	24.0	6.9	3.6	59.2	1.25	\$1.98	
Check Variety Information: (average values for check strips)											
Farm Advantage	1051	157.4	\$291.28	57.1	23.3	6.9	3.7	59.8	1.27	\$1.99	
Averages⁵											
		152.1	\$274.98	55.8	24.9	7.2	3.7	58.9	1.25	\$2.02	
Standard Deviation⁵											
		11.7	\$26.20	1.4	3.6	0.5	0.2	0.9	0.02	\$0.05	
Maximum⁵											
		171.6	\$320.31	58.5	31.6	8.3	4.2	60.1	1.28	\$2.13	
Minimum⁵											
		128.8	\$223.37	54.1	16.2	6.2	3.4	55.9	1.22	\$1.91	

**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.**

Ingredient Prices for EPVBF

Corn (\$ / bu.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205

¹ Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$2.08) 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).