

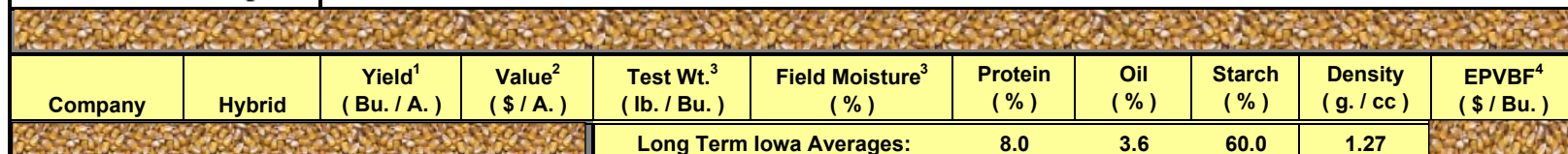


# 2004 Strip Plots

ISU Grain Quality Laboratory

## Results: Black Hawk County Corn Growers Plot

Hybrids are listed in order from highest to lowest yield.



Company	Hybrid	Yield <sup>1</sup> (Bu. / A.)	Value <sup>2</sup> (\$ / A.)	Test Wt. <sup>3</sup> (lb. / Bu.)	Field Moisture <sup>3</sup> (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF <sup>4</sup> (\$ / Bu.)
				<b>Long Term Iowa Averages:</b>						
					<b>8.0</b>	<b>3.6</b>	<b>60.0</b>	<b>1.27</b>		
AgriGold	A6395 Bt	246.4	\$399.03	56.1	22.3	6.4	3.4	60.6	1.24	\$1.70
Pioneer	33B51YG	231.0	\$368.96	59.6	23.1	6.7	3.3	60.8	1.29	\$1.71
LG Seeds	2540 Bt	230.5	\$374.56	55.6	22.1	6.6	3.6	60.7	1.26	\$1.73
AgriGold	A6333 Bt	227.3	\$383.11	56.0	19.9	6.4	3.5	60.9	1.26	\$1.70
LG Seeds	2622 Bt	224.5	\$344.96	55.4	25.3	6.4	3.3	60.4	1.25	\$1.69
Great Lakes	5961 Bt	223.2	\$362.67	55.8	22.1	6.8	3.5	61.3	1.26	\$1.73
Mycogen	2E705 Bt	220.0	\$355.09	56.7	22.5	6.2	3.7	61.3	1.25	\$1.71
Mycogen	2A778	218.9	\$353.30	56.0	22.5	7.1	3.6	61.0	1.32	\$1.76
Great Lakes	6234	218.9	\$349.60	59.1	23.1	6.9	3.2	60.9	1.28	\$1.71
Cornelius	C635YG	217.2	\$345.08	56.8	23.4	6.5	3.5	60.3	1.25	\$1.71
Asgrow	RX702YG	216.0	\$355.62	61.1	21.3	7.4	3.8	60.0	1.30	\$1.80
Dekalb	DKC61-43YG	214.9	\$346.72	58.1	22.5	6.7	3.3	60.6	1.26	\$1.71
Pioneer	33P67YG	214.1	\$349.07	62.7	21.9	6.6	3.5	61.3	1.32	\$1.72
Ag Vantage FS	FS6473	213.4	\$348.47	60.7	21.8	6.7	3.6	60.3	1.27	\$1.73
NK	N70-T9YG	212.3	\$325.74	57.1	25.4	6.3	3.5	60.8	1.27	\$1.70
Asgrow	RX664	207.5	\$350.24	58.3	19.8	7.0	3.3	60.6	1.30	\$1.73
Epley	3670YG	207.5	\$320.02	57.0	25.1	6.9	3.8	61.1	1.27	\$1.76
Crows	1119B	206.3	\$319.34	56.9	24.9	6.7	3.7	60.6	1.26	\$1.74
Cornelius	C590	205.1	\$336.63	57.6	21.5	7.2	3.5	60.3	1.26	\$1.76
Legend Seeds	8909 Bt	204.1	\$327.18	55.5	22.9	6.9	3.4	59.9	1.26	\$1.73
Wyffels	W7273	203.0	\$322.07	56.3	23.5	6.6	3.8	59.9	1.27	\$1.74
Ag Vantage FS	FS5634 Bt	200.0	\$325.00	58.2	22.1	7.5	3.8	59.7	1.28	\$1.80
NK	N60-B6YG	199.7	\$315.13	56.7	23.8	6.9	3.6	61.1	1.26	\$1.75
Crows	1105	199.0	\$319.52	54.7	22.8	6.2	3.5	60.5	1.24	\$1.69
Legend Seeds	5408	197.3	\$329.19	57.4	20.5	6.9	3.2	61.0	1.27	\$1.71
Epley	3840YG	196.9	\$305.83	58.7	24.7	6.7	3.3	61.1	1.25	\$1.71
Dekalb	DKC54-51	196.2	\$340.38	59.7	18.1	7.1	3.8	60.6	1.30	\$1.78
Golden Harvest	H8977 Bt	195.2	\$319.37	58.6	21.7	6.9	3.6	60.6	1.27	\$1.75
Wyffels	W4823	194.5	\$324.58	58.1	20.5	7.0	3.5	60.7	1.27	\$1.74
Ag Venture	AV743CB	192.4	\$305.19	54.9	23.5	7.0	4.0	60.1	1.25	\$1.79
Ag Venture	AV783CB	191.6	\$307.60	57.9	22.8	6.9	3.6	60.4	1.30	\$1.75
Golden Harvest	EX39166	190.4	\$312.98	59.4	21.4	6.8	3.4	61.1	1.28	\$1.72

Check Variety Information: (average values for check strips)

Great Lakes	5961 Bt	214.0	\$346.47	56.0	22.3	6.6	3.5	60.7	1.25	\$1.72
<b>Averages<sup>5</sup></b>		209.9	\$338.82	57.6	22.5	6.8	3.5	60.6	1.27	\$1.73
<b>Standard Deviation<sup>5</sup></b>		13.6	\$23.19	1.9	1.7	0.3	0.2	0.4	0.02	\$0.03
<b>Maximum<sup>5</sup></b>		246.4	\$399.03	62.7	25.4	7.5	4.0	61.3	1.32	\$1.80
<b>Minimum<sup>5</sup></b>		190.4	\$305.19	54.7	18.1	6.2	3.2	59.7	1.24	\$1.69

**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.)	1.82
White Grease (\$ / lb.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160

<sup>1</sup> Yield is check-adjusted in plots with check strips.  
<sup>2</sup> Value is determined by the current price for corn (\$1.82) and a drying charge.  
<sup>3</sup> Field moisture content and test weight data were provided by the participating plot operator.  
<sup>4</sup> 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.  
<sup>5</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).