



# 2004 Strip Plots

ISU Grain Quality Laboratory

## Results: Iowa County Corn Strip 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>	
Pioneer	33N09	219.8	\$315.43	57.7	29.0	8.4	3.2	59.9	1.26	\$1.81	
Fontanelle	7971	217.0	\$306.68	54.3	29.8	8.6	3.6	60.2	1.27	\$1.86	
Asgrow	RX752YG	216.8	\$302.12	55.7	30.5	8.0	3.4	60.9	1.26	\$1.80	
Asgrow	RX718YG	214.0	\$303.52	56.3	29.6	8.5	3.6	59.7	1.28	\$1.85	
Great Lakes	5961	212.4	\$298.40	55.0	30.1	7.4	3.2	60.6	1.27	\$1.75	
Hawkeye	311BT	210.4	\$314.67	56.1	26.8	7.0	3.5	61.8	1.25	\$1.74	
Trelay	7807	209.6	\$284.07	54.3	31.9	7.4	3.2	60.6	1.26	\$1.75	
Hawkeye	03-990BT	199.7	\$259.08	56.6	34.0	8.6	3.1	60.9	1.23	\$1.82	
Great Lakes	5780	198.9	\$289.75	55.4	28.2	7.6	3.2	60.6	1.27	\$1.76	
Midwest	G7991	198.5	\$285.37	54.8	28.9	8.4	3.6	59.8	1.27	\$1.85	
DeKalb	DKC61-43	194.9	\$251.85	58.0	34.2	8.1	2.9	60.1	1.25	\$1.77	
Middlekoop	311BT	194.3	\$266.06	55.0	31.4	7.5	3.3	59.9	1.24	\$1.76	
Wilson	1775B	189.4	\$252.47	55.3	32.7	9.1	3.5	60.3	1.26	\$1.88	
Fontanelle	7951	187.8	\$259.65	55.9	30.9	8.2	3.3	61.2	1.27	\$1.81	
Merschman	20108	186.3	\$284.82	55.8	25.6	8.1	3.7	59.7	1.26	\$1.84	
Mycogen	2A778	184.8	\$253.56	54.8	31.3	8.4	3.4	60.2	1.26	\$1.83	
Wyffels	W7293	183.2	\$257.28	58.0	30.1	8.9	3.2	59.9	1.27	\$1.85	
Trelay	7743	182.9	\$267.95	55.5	27.9	8.0	3.5	60.2	1.27	\$1.81	
MRK	03BT110	178.6	\$250.92	53.9	30.1	7.7	3.2	59.9	1.27	\$1.77	
Wyffels	W8418	177.5	\$236.11	54.3	32.8	8.8	3.1	59.6	1.25	\$1.83	
Middlekoop	3313	174.6	\$245.71	54.8	30.0	8.5	3.2	60.4	1.29	\$1.82	
Merschman	314A-1	174.1	\$229.66	55.0	33.2	7.3	3.1	61.0	1.25	\$1.73	
Garst	8535	174.1	\$259.39	55.4	27.0	8.2	3.6	60.1	1.28	\$1.83	
Croplan	691BLLL	172.6	\$231.97	57.2	32.3	8.1	3.2	61.2	1.25	\$1.79	
Midwest	G7956B	167.7	\$233.28	57.1	30.6	8.9	3.4	60.0	1.25	\$1.86	
DeKalb	DKC63-79	164.4	\$218.78	56.8	32.8	8.0	2.9	59.8	1.28	\$1.76	
Croplan	693	163.2	\$229.67	54.9	30.0	7.9	3.2	60.0	1.29	\$1.78	
Pioneer	33P67	163.1	\$232.20	56.5	29.4	8.3	3.1	60.9	1.29	\$1.80	
Garst	8454BT	162.9	\$218.97	53.2	32.3	7.8	2.9	60.7	1.27	\$1.75	
Mycogen	2H789	159.0	\$217.20	54.0	31.5	10.8	3.3	60.1	1.27	\$1.98	
MRK	04BT114	152.4	\$200.71	53.5	33.3	8.3	2.9	60.0	1.24	\$1.78	
Wilson	566B	147.9	\$209.42	54.6	29.7	8.1	3.3	61.0	1.25	\$1.80	

Check Variety Information: (average values for check strips)										
MRK	03BT109	188.3	\$268.87	55.1	29.2	8.0	3.4	60.5	1.28	\$1.80

<b>Averages<sup>5</sup></b>	185.4	\$258.34	55.5	30.6	8.2	3.3	60.4	1.26	\$1.81
<b>Standard Deviation<sup>5</sup></b>	20.3	\$32.40	1.3	2.1	0.7	0.2	0.5	0.01	\$0.05
<b>Maximum<sup>5</sup></b>	219.8	\$315.43	58.0	34.2	10.8	3.7	61.8	1.29	\$1.98
<b>Minimum<sup>5</sup></b>	147.9	\$200.71	53.2	25.6	7.0	2.9	59.6	1.23	\$1.73

**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).