



# 2004 Strip Plots

ISU Grain Quality Laboratory

## Results: Pomeroy-Palmer FFA Corn 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>	
Mallard	UC 2818	210.4	\$341.29	55.8	22.2	6.7	3.5	61.5	1.26	\$1.72
Great Lakes	5961 Bt	205.4	\$334.83	55.7	21.9	7.0	3.7	61.2	1.26	\$1.76
Hobart Bros.	4411	199.4	\$326.19	53.7	21.7	7.3	3.8	60.5	1.25	\$1.79
Pioneer	33B55	198.6	\$348.26	55.6	17.4	7.3	3.3	61.3	1.28	\$1.75
SOI	110YGCB	198.3	\$316.23	55.1	23.2	6.9	3.6	61.2	1.26	\$1.75
Golden Harvest	H-9064BtRR	198.1	\$313.63	55.2	23.6	7.4	3.8	60.7	1.27	\$1.80
Garst	8552YG1	194.8	\$325.14	55.4	20.5	7.2	3.6	61.6	1.23	\$1.77
Pioneer	35D28	194.6	\$330.70	57.1	19.4	7.3	3.1	62.1	1.28	\$1.73
Great Lakes	Quad 5 Bt	194.4	\$312.15	56.0	22.8	7.0	3.6	61.1	1.26	\$1.75
Mycogen	2P682	193.9	\$312.87	56.9	22.5	7.3	3.4	61.3	1.29	\$1.76
Garst	8545	192.9	\$311.23	56.9	22.5	6.8	3.3	61.7	1.25	\$1.71
Pfister	2540Bt	192.6	\$320.42	57.4	20.7	7.1	4.0	61.3	1.25	\$1.79
Hobart Bros.	4412	188.7	\$281.11	55.0	27.0	7.1	3.5	61.1	1.26	\$1.75
Golden Harvest	H-7663Bt	188.4	\$315.87	56.3	20.2	7.7	3.8	60.9	1.27	\$1.82
Mycogen	2T652	187.1	\$318.99	54.1	19.2	7.3	3.6	61.1	1.23	\$1.77
SOI	9063	183.2	\$299.63	58.7	21.7	7.2	3.7	61.1	1.27	\$1.78
Fontanelle	4924	181.8	\$305.40	57.3	20.1	7.0	3.5	61.0	1.25	\$1.74
Pfister	2326Bt	181.0	\$294.15	56.8	22.1	7.5	3.6	60.3	1.24	\$1.79
Fontanelle	HC7638YGC	180.1	\$298.54	55.5	20.9	7.2	3.6	61.6	1.23	\$1.77
Check Variety Information: (average values for check strips)										
Hobart Bros.	4412	191.2	\$293.56	55.9	25.4	7.5	3.8	60.9	1.27	\$1.80
<b>Averages<sup>5</sup></b>		192.8	\$316.14	56.0	21.6	7.2	3.6	61.2	1.26	\$1.76
<b>Standard Deviation<sup>5</sup></b>		8.2	\$16.50	1.2	2.0	0.2	0.2	0.4	0.02	\$0.03
<b>Maximum<sup>5</sup></b>		210.4	\$348.26	58.7	27.0	7.7	4.0	62.1	1.29	\$1.82
<b>Minimum<sup>5</sup></b>		180.1	\$281.11	53.7	17.4	6.7	3.1	60.3	1.23	\$1.71

**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).  
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