



## 2006 Strip Plots

ISU Grain Quality Laboratory

**Results: Heart of Iowa Coop - Dayton**

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ( Bu. / A. )	Value <sup>1</sup> ( \$ / A. )	Test Wt. <sup>2</sup> ( lb. / Bu. )	Field Moisture <sup>2</sup> ( % )	Protein ( % )	Oil ( % )	Starch ( % )	Density ( g. / cc )	EPVBF <sup>3</sup> ( \$ / Bu. )
<b>Long Term Iowa Averages:</b>						<b>8.0</b>	<b>3.6</b>	<b>60.0</b>	<b>1.27</b>	
Crow's	4940T	213.3	\$663.72	58.4	18.6	6.6	3.4	61.2	1.26	\$3.12
LG	2540	203.4	\$640.15	57.1	17.3	6.5	3.5	61.5	1.25	\$3.13
Pioneer	34N45	198.9	\$623.13	59.2	17.8	6.5	3.3	62.2	1.29	\$3.11
LG	2533	197.2	\$621.78	58.0	17.1	7.5	3.5	60.5	1.26	\$3.18
Dekalb	DKC52-47	192.7	\$613.84	56.6	15.9	7.3	3.4	60.7	1.25	\$3.16
Crow's	3935T	187.5	\$593.20	59.7	16.7	7.5	3.7	60.7	1.30	\$3.19
Dekalb	DKC60-19	185.3	\$569.88	58.5	19.9	7.3	3.4	60.7	1.30	\$3.16
Pioneer	34A17	166.7	\$519.45	58.6	18.4	7.9	3.5	60.1	1.28	\$3.20
<b>Averages<sup>4</sup></b>		193.1	\$605.64	58.3	17.7	7.1	3.5	61.0	1.27	\$3.16
<b>Standard Deviation<sup>4</sup></b>		13.9	\$44.82	1.0	1.2	0.5	0.1	0.7	0.02	\$0.03
<b>Maximum<sup>4</sup></b>		213.3	\$663.72	59.7	19.9	7.9	3.7	62.2	1.30	\$3.20
<b>Minimum<sup>4</sup></b>		166.7	\$519.45	56.6	15.9	6.5	3.3	60.1	1.25	\$3.11

**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.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6

<sup>1</sup> Value is determined by the current price for corn (\$1.82) and a drying charge.

<sup>2</sup> Field moisture content and test weight data were provided by the participating plot operator.

<sup>3</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>4</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.