



## 2006 Strip Plots

ISU Grain Quality Laboratory

### Results: HOI - Kelly Corn on Soybean Yield Comparison

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>	
Dekalb	DKC61-45	237.7	\$758.28	58.4	15.7	7.5	3.3	61.3	1.29	\$3.16
Dekalb	DKC62-31	237.7	\$753.99	59.2	16.4	7.4	3.6	61.3	1.31	\$3.18
Dekalb	DKC61-22	232.8	\$745.98	57.8	15.2	7.4	3.4	61.2	1.30	\$3.16
Dekalb	DKC55-12	224.3	\$724.78	57.6	14.2	6.9	3.4	61.7	1.28	\$3.14
Dekalb	DKC55-82	222.3	\$722.04	57.6	13.6	7.3	3.6	61.0	1.27	\$3.18
Syngenta	N51-V9	218.6	\$704.55	58.3	14.5	7.0	3.5	61.6	1.28	\$3.15
Syngenta	N67-W5	217.8	\$695.61	56.7	15.6	7.0	3.5	61.2	1.25	\$3.15
Croplan	579Hx/LL	216.4	\$695.77	59.0	14.8	7.8	3.3	61.2	1.29	\$3.17
Pioneer	35Y67	215.1	\$688.73	59.5	15.3	7.4	3.1	62.0	1.31	\$3.14
Dekalb	DKC58-19	213.4	\$689.22	56.8	14.3	6.5	3.4	62.1	1.27	\$3.12
Croplan	663RR2/Bt	213.1	\$677.54	57.3	16.1	7.5	3.5	61.0	1.29	\$3.18
Pioneer	34A17	212.0	\$669.99	59.0	16.8	7.4	3.5	61.2	1.30	\$3.17
Dekalb - KSC19	DKC58-78 C	210.6	\$680.11	57.4	14.3	8.0	3.6	60.8	1.29	\$3.21
Syngenta	N51-T8	209.9	\$679.65	57.9	14.0	7.2	3.4	61.3	1.27	\$3.15
Dekalb - KSC10	DKC58-78 C	209.7	\$676.47	57.1	14.4	7.9	3.5	60.8	1.28	\$3.20
Mycogen	2P722	206.6	\$662.46	55.6	15.1	7.2	3.4	61.3	1.26	\$3.15
Dekalb - KSC2	DKC58-78 C	202.6	\$652.08	57.3	14.7	7.9	3.6	60.5	1.28	\$3.21
Syngenta	N60-B6	183.0	\$580.86	53.9	16.3	7.0	3.4	61.4	1.26	\$3.14
<b>Averages<sup>4</sup></b>		215.8	\$692.12	57.6	15.1	7.4	3.4	61.3	1.28	\$3.16
<b>Standard Deviation<sup>4</sup></b>		12.9	\$41.57	1.3	0.9	0.4	0.1	0.4	0.02	\$0.03
<b>Maximum<sup>4</sup></b>		237.7	\$758.28	59.5	16.8	8.0	3.6	62.1	1.31	\$3.21
<b>Minimum<sup>4</sup></b>		183.0	\$580.86	53.9	13.6	6.5	3.1	60.5	1.25	\$3.12

**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 (\$3.21) 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.