



# 2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

## Results: Iowa County

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>1.270</b>	
Great Lakes	6234	137.5	\$197.01	55.1	30.1	8.2	3.4	59.9	1.264	\$1.81	
DeKalb	6379 (Poncho 250)	131.8	\$172.01	55.3	32.7	6.8	3.4	60.9	1.282	\$1.72	
Great Lakes	5961	128.5	\$205.89	53.9	24.4	7.7	3.5	60.6	1.279	\$1.79	
Pioneer	33N29	122.9	\$158.67		30.2					\$0.92	
Pioneer	34A15	122.6	\$182.41		23.4	9.3	3.6	59.1	1.288	\$1.91	
Mershman	508C (Poncho 250)	121.7	\$174.15	54.9	30.5	9.8	3.7	58.7	1.272	\$1.96	
Hawkeye	4826	121.2	\$167.77	54.4	31.7	9.0	3.6	58.6	1.258	\$1.89	
Ottilie	4953BT (Cruiser)	121.1	\$191.49	53.3	25.5	8.1	3.6	59.7	1.265	\$1.83	
Northrup King	NX6903 (Cruiser)	120.6	\$175.74	54.6	27.7	8.7	3.4	60.0	1.299	\$1.85	
Rainbow Seed	3099	119.9	\$175.44	53.3	28.2	8.1	3.2	60.3	1.263	\$1.79	
LG Seed	2540BT (Super Kote)	119.2	\$190.88	53.6	23.7	8.1	3.5	60.4	1.273	\$1.82	
Rainbow Seed	3105	115.5	\$168.98	53.3	28.6	9.0	3.6	59.1	1.284	\$1.89	
Garst	8275 (Cruiser)	115.1	\$158.96	54.8	32.3	8.2	5.1	61.1	1.254	\$1.98	
Asgrow	715RR	114.5	\$164.41	54.8	27.7	8.4	3.6	59.0	1.259	\$1.85	
Wyffels	7260 (Poncho 250)	114.4	\$171.82	54.4	27.2	8.9	3.4	59.7	1.298	\$1.86	
Trelay	8B524 (Poncho 250)	113.3	\$159.73	54.7	31.1	9.0	3.6	58.7	1.255	\$1.89	
LG Seed	2633BT (Super Kote)	113.3	\$169.70	52.9	27.1	8.2	3.6	59.2	1.253	\$1.83	
Wyffels	8603 (Poncho 250)	113.0	\$156.71	53.4	32.2	8.4	3.4	58.7	1.234	\$1.83	
Asgrow	752BT	112.1	\$167.79	54.5	26.4	7.9	3.7	59.9	1.268	\$1.82	
DeKalb	6172RR (Poncho 250)	111.6	\$155.59	55.1	30.1	9.6	3.6	58.3	1.260	\$1.93	
Trelay	7B716 (Poncho 250)	110.6	\$169.30	51.7	26.6	8.2	3.6	59.6	1.260	\$1.83	
MRK	058C (Maxim XL & Lorst)	110.1	\$154.28	53.3	31.8	9.0	3.7	58.7	1.262	\$1.90	
Mershman	M512C-1 (Poncho 250)	109.2	\$154.87	55.1	30.7	9.0	3.6	58.7	1.249	\$1.89	
Ottilie	4777BT (Cruiser)	108.8	\$174.17	53.8	25.3	9.0	3.6	58.9	1.286	\$1.89	
Trisler	T5337CB (Poncho 250)	108.2	\$135.64	53.4	33.0					\$0.92	
Trisler	T5240CB	107.0	\$136.03	53.2	33.2	9.7	3.8	58.8	1.304	\$1.96	
Fontanelle	7951BT (Poncho 250)	106.1	\$157.10	53.7	29.4	8.3	3.7	59.6	1.269	\$1.85	
Hawkeye	3601	102.8	\$141.56	53.6	31.6	8.7	3.6	59.0	1.242	\$1.87	
Garst	8445 (Cruiser)	102.2	\$151.52	54.4	27.9	8.9	3.4	59.6	1.289	\$1.86	
Fontanelle	7931BT (Poncho 250)	98.8	\$140.82	51.9	31.0	8.3	3.6	59.1	1.241	\$1.84	
MRK	4111	97.3	\$151.47	55.0	26.3	7.9	3.5	59.3	1.248	\$1.80	
Northrup King	N60B6 (Cruiser)	95.1	\$138.65	52.5	28.0	8.3	3.7	59.7	1.266	\$1.85	
Check Variety Information: (average values for check strips)											
Pioneer	33N09	120.0	\$174.16	56.5	28.4	8.8	3.7	59.1	1.27	\$1.88	

<b>Averages<sup>5</sup></b>	113.9	\$164.70	53.9	28.9	8.6	3.6	59.4	1.267	\$1.80
<b>Standard Deviation<sup>5</sup></b>	9.6	\$17.38	1.0	2.8	0.6	0.3	0.7	0.018	\$0.24
<b>Maximum<sup>5</sup></b>	137.5	\$205.89	55.3	33.2	9.8	5.1	61.1	1.304	\$1.98
<b>Minimum<sup>5</sup></b>	95.1	\$135.64	51.7	23.4	6.8	3.2	58.3	1.234	\$0.92

**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.**

<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).

Ingredient Prices for EPVBF	
Corn (\$ / bu.)	1.82
White Grease (\$ / lb.)	0.17
DDG (\$ / ton)	70
48% Soy Meal (\$ / ton)	165