



# 2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

## Results: Northeast Hamilton

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>	
Dyna-Grow	57F67	216.8	\$379.61		17.5	7.1	3.6	61.1	1.26	\$1.76
Pioneer	35Y67	202.3	\$346.49		18.9	8.0	3.3	61.1	1.29	\$1.79
Dyna-Grow	55P86	199.0	\$352.37		16.8	7.3	3.5	61.2	1.27	\$1.76
Dyna-Grow	55F53	193.1	\$348.21		15.6	7.5	3.3	61.5	1.28	\$1.76
Dyna-Grow	57F70	191.5	\$333.85		17.8	7.5	3.4	61.2	1.26	\$1.77
Dyna-Grow	CXO4512	191.3	\$319.78		20.4	7.9	3.4	61.0	1.31	\$1.79
Pioneer	34N44	191.1	\$335.72		17.3	7.4	3.5	61.5	1.30	\$1.77
Dyna-Grow	55P41	185.6	\$335.22							\$0.92
Dyna-Grow	GLG 007	185.3	\$330.66		16.3	8.1	3.6	60.3	1.27	\$1.83
Dyna-Grow	CXO5307	184.3	\$332.43		15.6	7.5	3.0	61.7	1.28	\$1.73
Dyna-Grow	55D20	184.0	\$331.91		15.6	7.7	3.5	61.0	1.27	\$1.79
Dyna-Grow	55X64	182.8	\$330.74		15.4	8.5	3.5	60.5	1.27	\$1.85
Dyna-Grow	56X95	171.9	\$291.08		19.6	7.6	3.7	60.8	1.28	\$1.80
Check Variety Information: (average values for check strips)										
Dyna-Grow	55F43	192.2	\$335.66		17.7	7.1	3.6	61.1	1.26	\$1.76
<b>Averages<sup>5</sup></b>		190.7	\$336.01	#DIV/0!	17.2	7.7	3.4	61.1	1.28	\$1.72
<b>Standard Deviation<sup>5</sup></b>		11.0	\$20.00	#DIV/0!	1.7	0.4	0.2	0.4	0.01	\$0.24
<b>Maximum<sup>5</sup></b>		216.8	\$379.61	0.0	20.4	8.5	3.7	61.7	1.31	\$1.85
<b>Minimum<sup>5</sup></b>		171.9	\$291.08	0.0	15.4	7.1	3.0	60.3	1.26	\$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  
<sup>5</sup> Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not  
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<b>Ingredient Prices for EPVBF</b>	
Corn (\$ / bu.)	1.82
White Grease (\$ / lb.)	0.17
DDG (\$ / ton)	70
48% Soy Meal (\$ / ton)	165