



# 2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

**Results: Bremer County - Ron Zelle**

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>	
Legend	5412 Bt	156.5	\$280.88	56.2	15.9	6.6	3.7	61.4	1.25	\$1.73
Legend	5408	149.5	\$270.47	55.1	15.4	6.9	3.3	61.6	1.26	\$1.71
Legend	5507	148.2	\$265.99	55.2	15.9	7.3	3.7	60.7	1.23	\$1.78
Legend	5410	146.4	\$263.65	55.2	15.7	7.0	4.0	60.7	1.25	\$1.79
Legend	5611	145.5	\$260.81	56.3	16.0	6.8	3.5	61.7	1.26	\$1.73
Legend	1632	143.3	\$258.04	55.2	15.7	6.9	3.4	61.7	1.24	\$1.72
Legend	8909 Bt	139.7	\$245.86	55.6	17.2	6.7	3.5	61.1	1.22	\$1.72
Legend	5308	133.4	\$242.08	55.1	15.2	6.6	3.9	61.2	1.25	\$1.75
Check Variety Information: (average values for check strips)										
Legend	5535	147.7	\$269.26	56.2	14.9	7.5	3.7	60.8	1.27	\$1.80
<b>Averages<sup>5</sup></b>		145.3	\$260.97	55.5	15.9	6.9	3.6	61.3	1.24	\$1.74
<b>Standard Deviation<sup>5</sup></b>		6.9	\$12.61	0.5	0.6	0.2	0.2	0.4	0.02	\$0.03
<b>Maximum<sup>5</sup></b>		156.5	\$280.88	56.3	17.2	7.3	4.0	61.7	1.26	\$1.79
<b>Minimum<sup>5</sup></b>		133.4	\$242.08	55.1	15.2	6.6	3.3	60.7	1.22	\$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.**

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

<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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