



# 2004 Strip Plots

ISU Grain Quality Laboratory

## Results: Nashua-Plainfield FFA Chickasaw County Corn Plot

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	411BT	252.5	\$370.69	54.2	27.8	7.5	4.0	61.3	1.24	\$1.82	
Legend	9611BT	242.7	\$372.97	56.1	25.3	7.4	4.1	61.2	1.26	\$1.82	
NK	34N44	241.6	\$380.51	56.2	23.9	7.6	3.7	61.2	1.29	\$1.80	
Legend	5406BT	240.7	\$383.72	58.1	23.2	7.4	3.7	61.2	1.27	\$1.79	
Legend	5410	237.8	\$368.07	56.5	24.9	7.5	4.2	60.5	1.26	\$1.84	
Legend	1632	235.9	\$363.81	56.5	25.1	7.8	4.3	60.9	1.27	\$1.87	
Legend	5410BT	234.0	\$355.10	56.3	26.0	7.1	3.7	60.7	1.26	\$1.77	
Legend	5412BT	232.4	\$357.09	56.6	25.3	7.8	3.9	60.2	1.25	\$1.83	
Legend	5413	231.6	\$344.38	56.0	27.1	7.2	4.1	60.8	1.26	\$1.81	
Legend	8909BT	231.2	\$359.10	56.4	24.7	8.2	4.3	61.5	1.26	\$1.89	
Legend	5665	228.4	\$362.28	55.6	23.5	7.9	4.0	59.7	1.28	\$1.85	
Legend	971SWX	227.7	\$339.22	56.0	27.0	8.6	4.3	60.8	1.28	\$1.92	
Legend	5408	225.2	\$368.38	56.7	21.7	7.1	3.5	61.4	1.26	\$1.75	
Legend	8909BT	225.1	\$345.93	55.6	25.3	7.2	3.9	61.2	1.24	\$1.79	
Legend	5665	221.0	\$351.78	56.1	23.3	6.5	4.0	62.7	1.28	\$1.75	
Legend	5308	219.2	\$346.43	56.2	23.7	7.8	4.5	60.3	1.27	\$1.88	
Legend	5407	209.6	\$331.27	58.2	23.7	7.3	3.5	61.1	1.28	\$1.76	
Legend	9611Bt	208.4	\$317.94	55.7	25.7	7.1	3.7	60.9	1.27	\$1.77	
Legend	8905	204.4	\$334.93	58.2	21.6	7.7	3.9	60.9	1.31	\$1.83	
Legend	5307	203.2	\$323.93	57.1	23.2	8.4	3.7	60.2	1.29	\$1.86	
Check Variety Information: (average values for check strips)											
Legend	5535	212.0	\$346.13	56.7	21.8	8.1	3.8	60.1	1.28	\$1.84	
<b>Averages<sup>5</sup></b>		227.6	\$353.88	56.4	24.6	7.6	4.0	60.9	1.27	\$1.82	
<b>Standard Deviation<sup>5</sup></b>		13.4	\$18.29	1.0	1.7	0.5	0.3	0.6	0.02	\$0.05	
<b>Maximum<sup>5</sup></b>		252.5	\$383.72	58.2	27.8	8.6	4.5	62.7	1.31	\$1.92	
<b>Minimum<sup>5</sup></b>		203.2	\$317.94	54.2	21.6	6.5	3.5	59.7	1.24	\$1.75	

**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.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160