



# 2001 Strip Plots

ISU Grain Quality Laboratory

## Results: Adair County Corn Association Strip 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>	
Garst	8484Bt	129.5	\$235.86	57.1	15.3	6.7	3.6	60.0	1.27	\$1.75
Hoegemeyer	2649	125.8	\$231.69	55.9	14.6	6.4	3.8	60.7	1.26	\$1.75
Wilson	1788	122.5	\$216.46	58.6	17.3	7.0	3.7	59.4	1.28	\$1.78
Golden Harvest	H-9164Bt	120.5	\$214.18	56.5	16.9	6.7	3.8	59.6	1.25	\$1.77
Croplan	678	120.4	\$220.71	57.0	14.9	6.6	3.9	60.2	1.28	\$1.77
Croplan	743	120.3	\$216.42	56.8	16.1	6.9	3.8	59.8	1.27	\$1.78
DEF	4627B	117.9	\$216.02	56.0	14.9	5.8	3.5	61.2	1.25	\$1.69
Garst	8327	115.9	\$208.56	56.8	16.1	6.8	3.7	59.8	1.28	\$1.77
Golden Harvest	H 9403	113.4	\$205.89	56.1	15.5	7.0	3.9	59.7	1.25	\$1.80
Crows	5060	112.2	\$202.90	57.7	15.8	6.4	3.6	60.7	1.28	\$1.74
Syngenta	N67-T4	112.1	\$203.57	56.1	15.5	6.5	3.7	60.1	1.27	\$1.75
Ottile	RO 5333	110.8	\$201.20	57.1	15.5	6.4	3.5	60.4	1.26	\$1.73
LG	2637	110.1	\$195.08	57.5	17.1	6.9	3.4	60.1	1.27	\$1.75
Stine	9614	109.5	\$195.24	57.4	16.7	7.0	3.6	59.8	1.28	\$1.77
Renze	6462	108.3	\$193.41	56.9	16.6	7.0	3.8	59.2	1.29	\$1.79
Hills	1112	108.2	\$194.39	57.3	16.2	6.8	3.8	59.9	1.27	\$1.78
Stine	9615 Bt	105.0	\$187.58	57.4	16.6	7.4	3.7	59.4	1.28	\$1.80
Hills	1090	104.9	\$194.80	55.8	14.0	6.3	3.6	61.0	1.24	\$1.73
LG	2587	104.4	\$191.08	57.5	15.0	6.3	3.8	60.4	1.28	\$1.75
DEF	5350	104.1	\$190.59	57.0	15.0	6.7	3.7	59.9	1.30	\$1.76
Ottile	5222	103.5	\$191.63	56.3	14.2	6.5	3.6	60.5	1.26	\$1.74
Syngenta	N65-Y3	101.3	\$186.83	56.9	14.5	6.5	3.2	60.7	1.27	\$1.71
Golden Harvest	h9221bT	99.9	\$185.52	56.8	14.0	7.0	3.7	60.1	1.24	\$1.78
Hoegemeyer	2679	99.6	\$179.84	57.2	15.9	7.0	3.7	59.7	1.26	\$1.78
Crows	4150 Bt	96.8	\$178.67	55.9	14.4	6.4	3.3	61.3	1.24	\$1.71
Wilson	1851W	93.5	\$161.77	57.9	18.6	8.4	4.4	56.6	1.28	\$1.92
Renze	6492	87.4	\$157.80	57.2	15.9	6.4	3.4	60.6	1.25	\$1.72

Check Variety Information: (average values for check strips)

Golden Harvest	9230 BT	115.5	\$207.28	56.8	16.2	6.4	3.5	60.5	1.27	\$1.73
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<b>Averages<sup>5</sup></b>	109.5	\$198.43	56.9	15.7	6.7	3.7	60.0	1.27	\$1.76
<b>Standard Deviation<sup>5</sup></b>	10.1	\$18.41	0.7	1.1	0.5	0.2	0.9	0.02	\$0.04
<b>Maximum<sup>5</sup></b>	129.5	\$235.86	58.6	18.6	8.4	4.4	61.3	1.30	\$1.92
<b>Minimum<sup>5</sup></b>	87.4	\$157.80	55.8	14.0	5.8	3.2	56.6	1.24	\$1.69

**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 (\$1.83) and a drying charge.

<sup>3</sup> Reported 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.)	1.83
White Grease (\$ / lb.)	0.15
DDG (\$ / ton)	101
48% Soy Meal (\$ / ton)	148