



# 2002 Strip Plots

ISU Grain Quality Laboratory

## Results: Carroll Area FFA Corn 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>	
Golden Harvest	H9164 Bt	191.7	\$447.19	60.5	21.1	8.1	3.6	59.0	1.28	\$2.51
Pioneer	33P67 Bt	189.0	\$447.54	59.2	19.8	7.6	3.6	59.2	1.28	\$2.47
Dekalb	DKC58-78 YG	189.0	\$410.03	61.0	27.0	7.9	3.6	59.3	1.28	\$2.49
Pioneer	33B51	188.0	\$448.34	56.1	19.2	7.5	4.0	59.2	1.25	\$2.50
Golden Harvest	H9164 Bt	184.9	\$440.47	57.1	19.3	8.0	4.1	58.9	1.26	\$2.54
Garst	8484 Bt	178.7	\$422.70	58.2	19.9	7.6	3.8	59.4	1.27	\$2.49
Hoegemeyer	2649	177.1	\$432.93	56.5	17.0	8.5	3.8	59.0	1.27	\$2.55
Great Lakes	6301 Bt	170.8	\$412.08	57.8	18.2	7.1	3.7	59.8	1.27	\$2.45
Rainbow	3100 Yg	156.2	\$372.85	61.0	19.1	7.4	3.9	59.4	1.28	\$2.48
Patriot	5121 Bt	154.5	\$370.14	57.0	18.8	7.8	4.0	59.0	1.28	\$2.52
Golden Harvest	H9164 Bt	153.8	\$373.00	56.7	17.7	8.0	4.1	58.9	1.24	\$2.54
Golden Harvest	H9164 Bt	149.1	\$352.96	56.2	19.8	8.4	4.2	58.3	1.25	\$2.57
Cropland	671 CL	145.1	\$345.30	57.1	19.4	7.8	3.8	59.1	1.26	\$2.50
Hoegemeyer	HBt619G	144.5	\$353.58	58.5	16.9	7.6	3.7	59.9	1.27	\$2.48
Great Lakes	6192	144.2	\$351.27	55.6	17.3	8.6	4.1	59.0	1.23	\$2.58
Dekalb	DKC58-78 YG	143.2	\$338.42	59.3	20.0	7.9	3.4	59.3	1.28	\$2.48
Pioneer	34N44 Bt	142.4	\$344.74	58.7	17.9	8.5	3.3	59.4	1.27	\$2.51
Garst	8585	142.0	\$346.76	60.5	17.1	9.3	3.6	58.5	1.27	\$2.59
Pioneer	33B51	141.4	\$344.46	58.6	17.3	8.6	3.8	58.4	1.27	\$2.55
Midwest	G7652B	139.5	\$337.52	59.7	17.9	8.2	3.9	58.8	1.28	\$2.54
Producers	7320	138.5	\$336.63	55.6	17.5	7.6	3.9	59.4	1.26	\$2.50
Garst	8328 Bt	137.7	\$328.25	57.1	19.2	7.7	3.4	60.0	1.25	\$2.47
Hobart	4150	136.5	\$333.85	60.5	17.0	8.5	4.0	58.9	1.25	\$2.56
Renze	6363	135.1	\$327.05	57.7	17.9	8.3	3.9	59.0	1.26	\$2.54
Pioneer	33B51	134.5	\$327.76	60.6	17.3	8.8	3.7	59.2	1.27	\$2.56
Renze	8383 Bt	133.6	\$319.40	59.0	19.0	7.7	3.6	59.6	1.27	\$2.48
Wilson	1563	133.1	\$323.90	58.6	17.4	8.4	4.1	59.0	1.25	\$2.56
Mycogen	2833	130.3	\$279.22	59.3	28.0	7.8	3.9	59.3	1.28	\$2.51
SOI	9082	129.3	\$317.67	58.4	16.6	8.2	3.6	59.8	1.25	\$2.51
Pioneer	35Y55	128.9	\$313.79	58.6	17.4	8.4	3.6	59.9	1.24	\$2.53
Kaup	97-1132 Bt	127.3	\$302.83	61.1	19.4	7.1	3.4	60.1	1.28	\$2.43
Pioneer	33B51	127.3	\$301.76	59.2	19.7	7.9	3.5	59.6	1.27	\$2.49
Dekalb	DKC58-78 YG	125.8	\$307.17	56.5	17.1	8.5	3.6	59.5	1.26	\$2.53
Patriot	6120	119.1	\$291.49	57.5	16.9	8.3	3.6	59.3	1.27	\$2.52
Crows	4908	112.8	\$274.84	55.6	17.3	8.0	3.9	59.2	1.26	\$2.52
Agri-Pro	9476 Bt	112.0	\$274.08	53.5	16.9	8.9	3.9	58.6	1.25	\$2.58
Garst	8550 Bt	106.5	\$259.81	58.6	17.2	8.7	3.7	58.6	1.28	\$2.55
Great Lakes	9476	105.5	\$259.48	55.4	16.5	8.0	3.8	59.4	1.26	\$2.51
Crows	4979B	83.9	\$205.01	57.5	17.1	8.3	3.8	58.8	1.28	\$2.53
Check Variety Information: (average values for check strips)										
Pioneer	34M95	139.7	\$342.18	59.0	16.9	8.6	3.3	59.5	1.26	\$2.52
<b>Averages<sup>5</sup></b>										
		143.1	\$342.98	58.1	18.6	8.1	3.8	59.2	1.26	\$2.52
<b>Standard Deviation<sup>5</sup></b>										
		25.4	\$57.55	1.8	2.4	0.5	0.2	0.4	0.01	\$0.04
<b>Maximum<sup>5</sup></b>										
		191.7	\$448.34	61.1	28.0	9.3	4.2	60.1	1.28	\$2.59
<b>Minimum<sup>5</sup></b>										
		83.9	\$205.01	53.5	16.5	7.1	3.3	58.3	1.23	\$2.43

**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 (\$2.50) 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.)	2.50
White Grease (\$ / lb.)	0.13
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	185