



# 2006 Strip Plots

ISU Grain Quality Laboratory

**Results: Cass County**

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. )
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<b>Long Term Iowa Averages:</b>						<b>8.0</b>	<b>3.6</b>	<b>60.0</b>	<b>1.27</b>	
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Producers Hybrid	7373	260.9	436.16	57.9	20.4	7	3.5	61.3	1.31	\$3.15
Pioneer	33N12	236.2	394.77	60.9	20.4	7.1	3.5	61.1	1.29	\$3.16
Pioneer	33K44	230.9	388.55	61.7	20	7.3	3.4	61.2	1.29	\$3.16
Trissler	5337	230.2	383.5	58.3	20.6	7.4	3.5	61	1.29	\$3.17
Wyffels	W8607	227.5	371.57	57	21.8	7.3	3.5	61	1.29	\$3.17
Renze	9526	223.9	363.84	57.3	22.1	7.2	3.6	60.9	1.3	\$3.17
Producers Hybrid	6943	222.6	381.92	58.8	18.8	7.1	3.6	61	1.3	\$3.17
Crows	4981R	218.3	378.15	60.4	18.2	7.7	3.7	60.9	1.31	\$3.20
Midwest	78131R	216.1	370.66	59.8	18.8	7	3.5	61.6	1.3	\$3.15
Mycogen	2T828	214.1	351.44	57.5	21.5	8	3.8	59.6	1.31	\$3.23
Midwest	80022S	209.6	361.9	60	18.4	7.1	3.7	60.2	1.29	\$3.18
Ottillie	5440	209.5	353.56	58.6	19.8	8	3.4	60.5	1.33	\$3.19
Trissler	5253	207.8	351.94	59.8	19.6	7.4	3.5	60.3	1.3	\$3.17
LG Seeds	2540	207.7	360.3	58.4	18.1	7.6	3.8	60.5	1.33	\$3.21
4 Star	6664R	207.5	355.92	58.7	18.8	6.9	3.4	61.9	1.3	\$3.14
Wyffels	W6337	206.2	357.66	58.1	18.1	7	3.4	61.4	1.3	\$3.14
Ottillie	5189	202.9	340.32	58.3	20.2	7.1	3.5	61.2	1.31	\$3.16
Stine	9720	201	340.36	59.9	19.6	7.3	3.7	61.1	1.3	\$3.19
Golden Harvest	9098	198.2	339.52	58.4	18.9	7.1	3.4	61.3	1.3	\$3.15
4 Star	6680	196.7	323.32	57.1	21.4	7.3	3.6	61	1.3	\$3.18
Golden Harvest	9250	196.3	335.12	58.4	19.1	7.3	3.6	60.8	1.3	\$3.18
LG Seeds	2640	189.9	321.11	56.9	19.7	7.1	3.5	61.2	1.28	\$3.16
Stine	9704	185.2	311.56	58.9	20	6.9	3.6	61.4	1.3	\$3.16
Mycogen	2P788	182.1	303.35	57.9	20.6	7.3	3.4	60.8	1.3	\$3.16
Renze	9286	180.7	316.91	60.1	17.4	7.1	3.6	60	1.3	\$3.17
Crows	75322	109.5	189.05	58.6	18.4	7.9	3.9	60.4	1.32	\$3.23

Check Variety Information: (average values for check strips)

Check		201.6	304.9925	58.2875	19.4375	7.25	3.575	60.8625	1.3	\$3.17
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<b>Averages<sup>5</sup></b>	206.6	\$349.33	58.8	19.6	7.3	3.6	60.9	1.30	\$3.17
<b>Standard Deviation<sup>5</sup></b>	26.9	\$43.82	1.2	1.2	0.3	0.1	0.5	0.01	\$0.02
<b>Maximum<sup>5</sup></b>	260.9	\$436.16	61.7	22.1	8.0	3.9	61.9	1.33	\$3.23
<b>Minimum<sup>5</sup></b>	109.5	\$189.05	56.9	17.4	6.9	3.4	59.6	1.28	\$3.14

**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.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6

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