



2017 Strip Plots

ISU Grain Quality Laboratory

Results: **Black Hawk Co.**

Hybrids are listed in order from highest to lowest yield.



Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	Ethanol Yld (gal/bu)	EPVBF ⁴ (\$ / Bu.)
				Long Term Iowa Averages:							
						8.0	3.6	60.0	1.270		
Pioneer	P1366AM	271.0	\$1,090.64	56.6	22.5	6.8	3.3	62.1	1.269	2.93	\$3.03
Nu Tech	5F-308AM	263.3	\$1,089.93	59.1	20.2	6.9	3.3	62.4	1.299	2.93	\$3.05
LG	LG5606STX	259.4	\$1,055.70	58.3	21.6	7.0	3.6	61.7	1.288	2.91	\$3.11
Becks	6165AMX	258.9	\$1,063.89	59.0	20.8	7.4	3.3	61.7	1.289	2.90	\$3.12
LG	LG56/8STX	255.2	\$1,018.44	57.7	23.2	7.0	3.8	61.7	1.305	2.91	\$3.14
Wyffels	W3078	248.2	\$1,036.26	58.4	19.5	7.0	3.4	61.9	1.278	2.92	\$3.08
Dekalb	DKC60-87RIB	245.5	\$992.88	58.6	22.1	6.9	3.6	61.9	1.283	2.92	\$3.10
Dekalb	DKC62-20RIB	245.2	\$989.45	57.4	22.3	6.8	3.7	61.6	1.271	2.92	\$3.10
Channel	209-53STX	243.1	\$967.40	57.3	23.4	6.0	3.5	62.2	1.245	2.97	\$2.95
Channel	210-26STX	242.1	\$1,007.32	57.6	19.8	6.7	3.4	62.3	1.282	2.93	\$3.04
Pioneer	P0574AM	241.8	\$980.59	56.9	21.9	6.8	3.5	61.9	1.267	2.92	\$3.07
Wyffels	W6946	238.2	\$949.10	56.4	23.3	6.7	3.4	62.0	1.275	2.93	\$3.04
Prairie Brand	6247PWRA	235.1	\$875.69	56.0	28.5	7.4	3.5	60.3	1.255	2.89	\$3.15
Golden Harvest	GO7F23-3111	234.6	\$955.85	55.7	21.5	7.1	3.4	61.4	1.245	2.91	\$3.09
Becks	5828AMX	231.9	\$931.23	56.9	22.7	7.4	3.6	61.0	1.265	2.89	\$3.17
Nu Tech	5F-504AM	229.7	\$936.10	57.8	21.5	7.0	3.2	62.2	1.272	2.92	\$3.04
Stine	9714-G	223.7	\$934.04	55.0	19.5	7.2	3.1	61.6	1.231	2.90	\$3.06
Golden Harvest	G09A86-3111	222.9	\$872.47	54.9	24.7	7.9	3.3	60.5	1.257	2.86	\$3.19
Stine	9742-20	211.0	\$871.24	53.7	20.4	6.7	3.2	61.9	1.225	2.93	\$3.00
Prairie Brand	5127RA	191.7	\$761.93	53.3	23.5	6.8	3.6	61.5	1.268	2.92	\$3.08
Check Variety Information: (average values for check strips)											
Dekalb	DKC58-06RIB	237.0	\$979.31	57.5	20.4	6.3	3.5	62.6	1.284	2.95	\$3.00
Averages⁵		239.6	\$969.01	56.8	22.1	7.0	3.4	61.7	1.27	2.92	\$3.08
Standard Deviation⁵		18.6	\$82.80	1.7	2.1	0.4	0.2	0.6	0.02	0.02	\$0.06
Maximum⁵		271.0	\$1,090.64	59.1	28.5	7.9	3.8	62.4	1.31	2.97	\$3.19
Minimum⁵		191.7	\$761.93	53.3	19.5	6.0	3.1	60.3	1.23	2.86	\$2.95

**YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT, DENSITY and ETHANOL BASIS 15% MOISTURE.
VALUE IS GROSS REVENUE PER ACRE MINUS 5 CENTS/BU/PT. FOR DRYING.
DENSITY IS A MEASURE OF KERNEL HARDNESS.**

¹ Yield is check-adjusted in plots with check strips.

² Value is determined by the current price for corn (\$3.25) and a drying charge.

³ Field moisture content and test weight data were provided by the participating plot operator.

⁴ 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.

⁵ 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.)	3.25	
White Grease (\$ / lb.)	0.300	
DDG (\$ / ton)	115.00	
48% Soy Meal (\$ / ton)	318.50	