



2016 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		
Dekalb	58-06RIB	239.7	\$1,015.31	57.8	18.3	6.1	3.6	62.1	1.270	2.96	\$2.72
Wyffels	W4796RIB	237.5	\$1,028.40	56.4	16.4	6.7	3.4	61.5	1.250	2.93	\$2.77
Dekalb	63-60RIB	237.0	\$975.22	56.4	20.7	6.3	3.6	61.9	1.270	2.95	\$2.75
LG	5618STX	233.5	\$962.01	57.4	20.6	6.1	3.7	62.0	1.270	2.96	\$2.73
Channel	207-27STX	232.9	\$984.14	56.9	18.5	5.6	3.7	62.3	1.260	2.99	\$2.66
Channel	209-53STX	230.9	\$960.70	58.2	19.8	6.0	3.8	61.0	1.240	2.96	\$2.73
Kruger	KR-4506	229.0	\$1,002.03	56.1	15.5	6.2	3.3	62.3	1.250	2.96	\$2.68
Wyffels	W7108RIB	227.8	\$948.95	56.2	19.7	5.8	3.4	62.6	1.270	2.98	\$2.64
Kruger	K4R-9708	226.9	\$948.41	58.1	19.4	5.9	3.4	61.9	1.230	2.97	\$2.66
Stine	R9635SS	226.0	\$948.06	56.0	19.1	6.7	3.7	61.4	1.270	2.93	\$2.82
LG	5520STX	223.9	\$956.13	56.7	17.6	6.4	3.6	61.7	1.270	2.94	\$2.76
Stine	9538-20	222.3	\$938.00	56.9	18.6	6.8	3.4	61.4	1.270	2.93	\$2.79
NK	N60F-3111	215.5	\$902.85	57.1	19.2	6.3	3.7	60.8	1.190	2.94	\$2.76
Prairie Brand	5825RA	215.2	\$881.36	55.5	21.1	5.7	3.4	62.5	1.270	2.99	\$2.63
Legend	9407 GenS	215.0	\$931.86	56.3	16.3	6.5	3.3	61.9	1.260	2.94	\$2.73
Nu Tech	5F-906AM	214.8	\$907.36	56.9	18.5	6.3	3.4	61.7	1.250	2.95	\$2.72
Nu Tech	5F-308AM	214.3	\$893.63	56.2	19.6	6.5	3.1	62.0	1.240	2.94	\$2.70
Prairie Brand	5815RA	213.5	\$913.89	56.6	17.4	7.2	3.7	60.7	1.270	2.90	\$2.90
Pioneer	P1197AM	213.1	\$901.44	56.9	18.4	6.0	3.4	61.8	1.220	2.96	\$2.67
Legend	9402 GenSS	207.2	\$887.87	56.6	17.3	6.2	3.4	62.2	1.270	2.96	\$2.70
NK	N50D-3010	207.0	\$892.18	58.5	16.8	6.1	3.7	62.1	1.280	2.96	\$2.73
Pioneer	P0825AMXT	202.7	\$829.25	55.6	21.2	6.6	3.6	60.7	1.210	2.93	\$2.79
Check Variety Information: (average values for check strips)											
Stine	R9635SS	222.9	\$940.09	56.8	18.8	6.0	3.6	62.0	1.250	2.96	\$2.70
Averages⁵		222.1	\$936.78	56.8	18.6	6.3	3.5	61.8	1.25	2.95	\$2.73
Standard Deviation⁵		10.8	\$48.42	0.8	1.6	0.4	0.2	0.6	0.02	0.02	\$0.06
Maximum⁵		239.7	\$1,028.40	58.5	21.2	7.2	3.8	62.6	1.28	2.99	\$2.90
Minimum⁵		202.7	\$829.25	55.5	15.5	5.6	3.1	60.7	1.19	2.90	\$2.63

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 (\$3.00) 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).

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Ingredient Prices for EPVBF

Corn (\$ / bu.)	3.00	
White Grease (\$ / lb.)	0.280	
DDG (\$ / ton)	145.00	
48% Soy Meal (\$ / ton)	320.00	