



2014 Strip Plots

ISU Grain Quality Laboratory

Results: Black Hawk

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	
Prairie Brand	5825SSX	220.3	\$555.06	50.3	28.6	6.4	3.6	60.7	1.250	2.94	\$2.73	
LG	LG5603STX	216.9	\$604.21	54.2	23.3	6.6	3.7	60.4	1.250	2.93	\$2.81	
Channel	209-53STXRIB	212.6	\$586.83	53.6	23.8	6.5	4.1	60.1	1.270	2.93	\$2.85	
Wyffels	W3998RIB	205.0	\$606.76	56.0	19.8	6.5	3.6	61.8	1.270	2.94	\$2.76	
Stine	R9535VT3P	204.7	\$604.83	52.9	19.9	6.6	3.1	61.9	1.230	2.94	\$2.70	
Mycogen	2G685 F1	199.6	\$529.89	51.6	25.9	6.3	4.0	59.8	1.250	2.94	\$2.77	
Dekalb	DKC60-67RIB	199.0	\$549.31	56.5	23.8	7.1	3.4	61.2	1.250	2.91	\$2.90	
Legend	9304GenSSRIB	196.7	\$584.16	56.0	19.6	6.1	3.5	62.3	1.250	2.96	\$2.62	
Wyffels	W6487RIB	196.2	\$570.10	54.2	20.9	6.5	3.6	61.3	1.230	2.93	\$2.76	
Dekalb	DKC57-75RIB	196.0	\$591.84	54.3	18.6	6.5	3.6	62.2	1.280	2.94	\$2.76	
Pioneer	PO969AM	195.7	\$592.03	54.2	18.5	6.7	3.1	62.1	1.240	2.93	\$2.73	
Syngenta	1111RA	194.6	\$544.98	52.3	23.0	7.1	3.5	61.0	1.260	2.91	\$2.92	
Syngenta	1022RA	191.5	\$550.59	53.9	21.5	7.3	3.3	61.1	1.250	2.90	\$2.94	
Legend	9402GenSSRIB	191.0	\$586.25	56.6	17.6	6.5	3.1	62.7	1.270	2.95	\$2.67	
LG	LG5533VT3PRIB	190.8	\$558.91	53.6	20.4	6.2	3.7	61.5	1.230	2.95	\$2.69	
Cornelius	C325SSRIB	187.1	\$591.36	55.9	15.8	6.4	3.6	61.4	1.240	2.94	\$2.73	
Stine	9632SS	187.0	\$521.81	56.1	23.2	7.0	3.5	61.6	1.260	2.91	\$2.89	
Mycogen	2V709 F1	186.2	\$503.61	53.3	24.9	6.2	3.5	60.9	1.220	2.95	\$2.65	
Channel	202-64STXRIB	184.8	\$555.33	57.2	18.9	6.8	3.3	61.6	1.250	2.92	\$2.79	
Cornelius	C574SSRIB	182.5	\$510.06	54.1	23.1	7.1	3.6	60.9	1.250	2.90	\$2.93	
Pioneer	P1142AMX	182.5	\$493.64	54.3	24.9	6.7	3.4	61.9	1.270	2.93	\$2.78	
Renze	3264SST	180.2	\$460.43	50.9	27.9	6.6	3.7	60.3	1.260	2.93	\$2.81	
Prairie Brand	X1456VH	173.9	\$483.42	51.6	23.4	6.9	3.2	61.4	1.250	2.92	\$2.80	
Renze	3322RA	161.2	\$454.70	51.2	22.6	6.9	3.4	61.1	1.240	2.92	\$2.84	
Check Variety Information: (average values for check strips)												
Dekalb	DKC 61-16	205.2	573.66	26.9	23.1	7.0	3.5	60.6	1.244	2.91	\$2.88	
Averages⁵		193.2	\$549.59	54.0	22.1	6.6	3.5	61.3	1.251	2.93	\$2.78	
Standard Deviation⁵		13.3	\$45.90	1.9	3.2	0.3	0.3	0.7	0.015	0.02	\$0.09	
Maximum⁵		220.3	\$606.76	57.2	28.6	7.3	4.1	62.7	1.280	2.96	\$2.94	
Minimum⁵		161.2	\$454.70	50.3	15.8	6.1	3.1	59.8	1.220	2.90	\$2.62	

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 (\$4.40) 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.)	3.20	
White Grease (\$ / lb.)	0.320	
DDG (\$ / ton)	117.00	
48% Soy Meal (\$ / ton)	535.00	