



2006 Strip Plots

ISU Grain Quality Laboratory

Results: HOI - Kelley Corn on Corn Yield Comparison

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)	
Long Term Iowa Averages:						8.0	3.6	60.0	1.27		
Dekalb	DKC61-68	216.5	\$699.73	58.0	14.2	7.6	3.4	61.0	1.27	\$3.17	
Dekalb	DKC63-39	213.0	\$675.56	56.6	16.4	8.1	3.7	60.1	1.27	\$3.22	
Croplan	566TS	211.5	\$680.01	58.3	14.8	7.5	3.4	61.4	1.30	\$3.17	
Dekalb	DKC53-07	207.8	\$672.78	58.4	14.0	7.5	3.8	60.9	1.30	\$3.20	
Dekalb	DKC54-46	197.2	\$641.56	58.6	13.4	7.8	3.5	61.3	1.31	\$3.19	
Mycogen	2G777	197.1	\$620.29	57.6	17.3	7.6	3.9	60.3	1.28	\$3.22	
Dekalb	DKC52-40	189.8	\$618.56	56.7	13.2	7.5	3.5	60.7	1.26	\$3.18	
Dekalb	DKC58-73	186.6	\$604.15	56.6	14.0	8.2	3.7	60.5	1.27	\$3.23	
Dekalb	DKC63-46	164.2	\$520.82	56.3	16.4	8.1	3.6	60.1	1.26	\$3.21	
Dekalb	DKC54-53	156.8	\$510.56	57.6	13.3	8.0	3.6	61.0	1.30	\$3.21	
Dekalb	DKC58-78	152.3	\$488.88	56.2	15.0	8.3	3.7	60.0	1.28	\$3.23	
Dekalb	DKC52-47	140.4	\$457.18	56.1	13.3	8.2	3.6	60.2	1.27	\$3.22	
Averages⁴		186.1	\$599.17	57.3	14.6	7.9	3.6	60.6	1.28	\$3.20	
Standard Deviation⁴		26.3	\$83.59	0.9	1.4	0.3	0.2	0.5	0.02	\$0.02	
Maximum⁴		216.5	\$699.73	58.6	17.3	8.3	3.9	61.4	1.31	\$3.23	
Minimum⁴		140.4	\$457.18	56.1	13.2	7.5	3.4	60.0	1.26	\$3.17	
YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.							Ingredient Prices for EPVBF				
VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.							Corn (\$ / bu.) 3.21				
DENSITY IS A MEASURE OF KERNEL HARDNESS.							White Grease (\$ / lb.) 0.16				
							DDG (\$ / ton) 85				
							48% Soy Meal (\$ / ton) 183.6				
¹ Value is determined by the current price for corn (\$3.21) and a drying charge. ² Field moisture content and test weight data were provided by the participating plot operator. ³ 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. ⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results. Copyright © 1996-2006, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.											