2004 Strip Plots

ISU Grain Quality Laboratory

Results: **Palo Alto County Corn & Soybean Association Corn Plot located at Iowa Lakes Community College**

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)	EPVBF[4] ($ / Bu.)
				Long Term Iowa Averages:		**8.0**	**3.6**	**60.0**	**1.27**	
Pioneer	35Y55	245.2	$439.51	54.3	16.0	7.8	3.6	60.4	1.27	$1.81
LG	2533	241.8	$396.20	56.2	21.6	7.3	3.8	60.5	1.27	$1.79
Dekalb	DKC50-18	239.8	$433.73	56.1	15.4	7.2	3.6	61.0	1.27	$1.77
Croplan	503BT	237.1	$402.26	56.1	19.5	7.1	3.5	60.9	1.27	$1.75
Pioneer	35Y67	234.9	$392.58	56.4	20.4	7.6	3.2	60.8	1.28	$1.76
Agrigold	6333BT	232.7	$362.75	55.9	24.5	7.0	3.6	60.7	1.25	$1.75
Wensman	W5387BT	231.6	$403.61	54.2	17.8	7.5	3.4	60.5	1.27	$1.77
Agrigold	6333	231.3	$365.02	55.2	23.8	7.0	3.4	60.6	1.26	$1.74
Pfister	2326BT	229.2	$373.07	55.8	22.0	7.6	3.6	59.7	1.25	$1.79
Wyffels	W4823	229.0	$411.18	54.2	15.9	7.3	3.7	59.9	1.26	$1.78
Crows	2780B	228.8	$388.03	56.1	19.5	7.3	3.8	61.0	1.27	$1.79
NK	N60-B6	228.6	$372.07	55.3	22.0	6.6	3.3	60.6	1.27	$1.70
NK	N50 P5	224.8	$399.83	53.4	16.5	7.3	3.7	60.4	1.28	$1.78
Pfister	1680	222.9	$400.19	54.7	15.9	7.1	3.7	61.4	1.26	$1.77
Dyna Gro	55F53	221.3	$397.27	56.7	15.9	7.4	3.3	61.4	1.27	$1.75
Golden Harvest	H7566Bt	219.9	$394.80	56.2	15.9	7.8	3.5	60.5	1.27	$1.80
Dekalb	DKC52-21	219.9	$385.05	55.6	17.5	7.4	3.9	60.6	1.27	$1.81
SOI	9013	218.0	$390.70	55.3	16.0	7.8	3.5	60.7	1.27	$1.80
SOI	103YGB	217.4	$392.11	54.7	15.6	7.9	3.6	60.4	1.27	$1.81
Dyna Gro	5324BT	215.7	$334.44	54.5	24.8	7.7	3.5	60.1	1.26	$1.79
Wyffels	W2713	215.5	$386.26	55.3	16.0	7.7	3.2	61.0	1.27	$1.77
Golden Harvest	H7663BT	215.2	$382.11	53.9	16.6	7.8	3.5	60.8	1.27	$1.80
Crows	2105B	212.8	$364.44	55.0	18.9	7.4	3.4	60.5	1.27	$1.76
Wensman	W5314BT	212.6	$378.66	55.4	16.4	7.9	3.4	60.5	1.27	$1.80
Croplan	501	211.1	$379.53	55.2	15.8	7.9	3.4	60.7	1.27	$1.80
LG	2489BT	211.0	$368.87	54.2	17.6	7.6	3.7	61.3	1.26	$1.80
Check Variety Information: (average values for check strips)										
LG	2533BT	226.4	$353.83	55.2	24.4	7.0	3.4	60.4	1.26	$1.74
Averages[5]		224.9	$388.24	55.2	18.4	7.5	3.5	60.7	1.27	$1.78
Standard Deviation[5]		10.0	$21.82	0.9	3.0	0.3	0.2	0.4	0.01	$0.03
Maximum[5]		245.2	$439.51	56.7	24.8	7.9	3.9	61.4	1.28	$1.81
Minimum[5]		211.0	$334.44	53.4	15.4	6.6	3.2	59.7	1.25	$1.70

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.

Ingredient Prices for EPVBF

Corn ($ / bu.)	1.82
White Grease ($ / lb.)	0.155
DDG ($ / ton)	100
48% Soy Meal ($ / ton)	160

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

[2] Value is determined by the current price for corn ($1.82) 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).