2000 Strip Plots

ISU Grain Quality Laboratory

Results: Scott County Corn Growers Corn Test Plot

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield[1] (Bu. / A.)	Value[2] ($ / A.)	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	33P67	208.6	$230.45	22.1	7.3	3.8	58.0	1.25	1.26
Pioneer	34B23	206.0	$249.65	18.2	8.5	3.8	57.8	1.26	1.34
Garst	8342 GLS/Bt/	202.6	$211.57	24.3	9.2	3.4	55.4	1.20	1.38
Mycogen	2833	201.4	$214.19	23.6	7.9	4.2	57.8	1.24	1.32
Norvatis	7070Bt	201.1	$227.70	21.1	7.9	3.7	58.0	1.22	1.30
Burus	436	198.1	$218.87	22.1	7.3	3.9	56.9	1.25	1.26
Burus	442	197.9	$216.98	22.4	8.6	4.0	56.4	1.23	1.36
Sieben	67014G	196.8	$222.86	21.1	7.5	4.0	58.0	1.24	1.28
Golden Harvest	9229	194.2	$203.31	24.2	8.5	3.6	57.1	1.23	1.34
Ag Venture	826Bt	190.9	$212.52	21.8	7.9	3.7	58.2	1.22	1.30
Dairy land	1511	190.8	$223.91	19.6	8.4	3.8	57.7	1.24	1.34
Growmark FS	5310 Bt	190.8	$231.20	18.2	8.1	3.8	58.6	1.24	1.32
Asgrow	RX730BT	189.9	$220.74	20.0	7.9	3.9	58.1	1.24	1.31
Trelay	7747BT	188.3	$219.99	19.8	7.3	3.7	58.9	1.24	1.25
Cargill	6912	188.1	$216.10	20.5	7.2	3.8	58.8	1.25	1.25
Agi-Pro	AP957BT	187.3	$218.72	19.8	8.2	4.7	57.2	1.23	1.36
AgVenture	AVX9481BT	186.7	$202.20	22.9	7.2	3.5	58.0	1.24	1.24
Great Lakes	5715	185.1	$217.68	19.5	8.9	4.0	57.1	1.25	1.38
Dairy land	1412	183.7	$219.09	18.9	7.2	3.9	59.1	1.23	1.26
Golden Harvest	8562	183.4	$205.15	21.6	8.4	3.9	57.7	1.22	1.34
Agri-pro	8464	182.4	$208.58	20.7	7.2	3.8	58.3	1.22	1.25
Fontanelle	75800	182.2	$205.82	21.2	7.3	3.7	58.5	1.23	1.25
LG SEEDS	2584 Bt	181.2	$208.14	20.5	8.7	3.8	57.6	1.23	1.36
Trelay	SP891	180.9	$212.80	19.5	8.3	4.0	57.4	1.24	1.34
Agri-gold	A6596BT/CL	180.9	$204.77	21.1	8.0	3.8	58.0	1.22	1.31
LG SEEDS	2579	180.2	$208.55	20.2	7.4	3.8	58.5	1.23	1.27
Mycogen	2767	180.0	$205.24	20.8	7.7	4.0	58.1	1.24	1.30
Stires	9614BT	179.8	$208.98	20.0	7.3	3.6	58.5	1.25	1.25
Sieben	7701	179.8	$206.99	20.4	7.3	3.7	58.5	1.24	1.25
Gutwien	2515	179.1	$201.32	21.4	8.6	3.8	56.3	1.23	1.35
Agri-gold	ZA9406	178.2	$198.34	21.8	8.6	3.9	56.6	1.23	1.36
Growmark FS	5308	176.7	$225.39	15.9	7.8	3.7	59.0	1.26	1.29
Midwest	771 Bt	176.6	$207.69	19.5	7.9	4.0	58.3	1.24	1.31
Cargil	6920	175.4	$199.60	20.9	7.6	4.3	58.5	1.25	1.30
Dekalab	DK5852	175.2	$217.68	17.1	7.0	3.6	59.9	1.25	1.23
Pfister	2652 Bt	174.0	$204.13	19.6	8.5	4.0	57.7	1.22	1.35
Norvatis	N58-D1	173.9	$209.79	18.4	8.6	3.5	57.7	1.24	1.34
Midwest	x91152BT	173.2	$202.29	19.8	8.5	3.7	58.1	1.22	1.34
Norvatis	N58-D1	173.0	$206.85	18.8	7.9	3.2	58.2	1.25	1.28
Norvatis	N58-D1	172.9	$207.66	18.6	8.2	3.4	58.5	1.23	1.31
Great Lakes	GL523	172.5	$207.61	18.5	7.3	3.9	59.1	1.23	1.26
Gutwien	2499	171.3	$212.30	17.2	8.5	3.5	58.8	1.24	1.33
Pfister	2652BT	170.4	$195.76	20.5	7.7	3.9	57.9	1.22	1.29
Dekalab	611	168.1	$204.20	18.1	7.1	3.8	59.6	1.24	1.25
Asgrow	Rx637	165.6	$212.61	15.6	8.4	3.8	58.8	1.23	1.34
Fontanelle	HC7747BT	164.1	$161.44	26.5	8.7	3.6	55.8	1.20	1.35
Stires	9702-1BT	158.6	$185.22	19.8	7.8	3.6	58.5	1.23	1.29
Garst	8550BT	No Data	No Data	21.4	8.3	4.8	57.3	1.24	1.37
Check Variety Information: (average values for check strips)									
Cargill	7821	196.4	$203.73	51.9	7.7	3.7	57.0	1.22	1.37
Averages[5]		182.9	210.91	#REF!	8.0	3.8	58.0	1.23	1.31
Standard Deviation[5]		11.4	13.08	#REF!	0.6	0.3	0.9	0.01	0.04
Maximum[5]		208.6	249.65	#REF!	9.2	4.8	59.9	1.26	1.38
Minimum[5]		158.6	161.44	#REF!	7.0	3.2	55.4	1.20	1.23

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.)	1.30
White Grease ($ / lb.)	0.08
DDG ($ / ton)	88
48% Soy Meal ($ / ton)	147.5

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

[2] Value is determined by the current price for corn ($1.30) and a drying charge.

[3] Reported moisture content 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).