2006 Strip Plots

ISU Grain Quality Laboratory

Results: Collins-Maxwell FFA

Hybrids are listed in order from highest to lowest

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	
Pfister Hybrids	3356T	200.3	598.34	51	23.1	6.6	3.5	60.5	1.25	$3.13
NC+	4948RBD	199.3	616.67	58.1	19.2	7	3.4	61.2	1.27	$3.14
Pfister Hybrids	3356T	195	582.63	53	23.1	6.8	3.4	60.2	1.27	$3.13
Asgrow	RX752RR2/YGCB	195	608.79	57.8	18.2	7.8	4	59.2	1.25	$3.24
Pfister Hybrids	3356T	194.2	584.87	52.8	22.2	7.5	3.7	60.7	1.28	$3.19
Ottilie Ro	5477RR/YGCB	193.6	586.34	58.7	21.6	7.8	3.9	60.1	1.29	$3.23
NC+	5221R	193.3	607.78	58.6	17.4	6.8	3.4	60.8	1.25	$3.13
DeKalb	DKC61-68	192.7	608.07	58.5	17	6.7	3.6	60.8	1.24	$3.15
Latham	LH-6447RRBTRW	190.2	582.81	56.3	20.3	7.3	3.4	60.7	1.27	$3.16
Agsource	2676	189.8	583.65	57.2	19.9	7.1	3.6	60.3	1.26	$3.17
DeKalb	DKC63-39	188.9	581.05	57.2	19.9	6.9	3.5	60.5	1.26	$3.15
Fontanelle Hybrid	8K178	186.3	585.69	58.6	17.4	7	3.5	60.6	1.27	$3.15
Crow's	4940 T	185.8	571.88	61.2	19.8	7.3	3.6	60.3	1.26	$3.18
Crow's	4222S	185.1	584.53	56.5	16.9	6.4	3.3	61.9	1.27	$3.11
Ottilie Ro	5437RR/YGCB	185.1	568.58	58.3	20	7.5	3.4	61	1.3	$3.17
Agsource	616T	183	571.41	58.8	18.2	6.9	3.4	60.8	1.26	$3.14
Pfister Hybrids	2663	176.5	552.62	60.7	17.9	6.4	3.3	61.7	1.26	$3.11
Pioneer	33N08	174.8	541.26	59	19.1	6.8	3.6	60.4	1.25	$3.15
Garst	8489GT	174.5	530.95	58.5	21.1	6.8	3.6	60.7	1.24	$3.15
Rainbow	3135	174.2	532.89	59.4	20.5	7.1	3.4	61.1	1.29	$3.15
DeKalb	DKC60-18	173.2	540.16	61.8	18.3	6.7	3.5	61.3	1.26	$3.14
Wyffels	W5066	171.9	546.19	56.3	16.2	7.5	3.4	60.8	1.26	$3.17
Ottilie Ro	4780RR/YGPL	170	538.7	57.4	16.5	7.3	3.6	60.6	1.27	$3.18
FS	FS 5197 RR/YGPL	168.8	538.75	57.2	15.7	6.8	3.5	61.3	1.26	$3.14
Crow's	4351R	168.7	528.62	56.7	17.8	6.6	3.4	61.6	1.26	$3.12
NC+	3583RBD	168.2	530.69	57.5	17	7.3	3.6	60.9	1.29	$3.18
Ottilie Ro	4666RR/YGPL	168.1	533.9	56.3	16.2	6.7	3.2	62	1.29	$3.11
Fontanelle Hybrid	8R341	167.8	517.88	55.1	19.5	6.6	3.4	60.6	1.27	$3.12
Agsource	5/8T	167.4	527.72	56.5	17.1	6.9	3.6	61	1.27	$3.16
Latham	LH-5617-RRBTRW	166.8	527.78	56.4	16.7	6.7	3.4	61.3	1.26	$3.13
Pfister Hybrids	2505	166.4	521.75	57.7	17.7	6.7	3.6	61	1.26	$3.15
Pfister Hybrids	2727	165.9	513.77	61	19.1	7.5	3.4	61	1.3	$3.17
FS	FS6297RRYGCB	165.2	508.99	56.2	19.7	7.3	3.6	60.5	1.25	$3.18
Rainbow	3105	164.2	503.48	59.3	20.2	7	3.6	60.9	1.27	$3.16
DeKalb	DKC58-73	163.5	518.45	55.4	16.4	6.7	3.6	60.9	1.26	$3.15
Garst	8379RR	162.5	497.85	58.3	20.3	6.5	3.3	61.1	1.27	$3.11
Pioneer	35Y64	162	512.35	57.4	16.7	7	3.2	62.2	1.31	$3.13
NC+	3943RBD	161.3	512.32	57.3	16.2	6.6	3.5	61.2	1.26	$3.13
Pioneer	34H35	159.7	495.4	61	18.9	6.7	3.4	60.9	1.26	$3.13
Garst	8688GT	159.5	503.52	52.5	16.9	6.6	3.4	61.8	1.28	$3.12
Garst	8534	157.8	491.85	56.9	18.4	6.5	3.4	61.7	1.27	$3.12
Wyffels	W6337	157.7	492.04	55.8	18.3	6.8	3.4	61.5	1.28	$3.13
Pioneer	33N28	155.6	483.26	58	18.8	6.9	3.3	61.5	1.29	$3.13
Pioneer	34N45	155.1	487.34	56.6	17.5	6.6	3.3	62.2	1.28	$3.12
Rainbow	3120	154.9	485.59	57.7	17.7	7.5	3.5	60.4	1.28	$3.18
Fontanelle Hybrid	7N607	153.8	489.04	60.3	16.1	7.5	3.8	59.7	1.27	$3.20
Crow's	3935 T	153.5	486.77	57.4	16.4	7.1	3.6	61.3	1.3	$3.17
Renze	1234YGPL/RR	152.6	480.88	55.5	17.1	6.7	3.3	62.2	1.3	$3.12
Renze	9226YGCB/RR2	152.1	478.5	55.6	17.3	6.9	3.4	61.1	1.26	$3.14
Garst	8422GT	149.5	467.54	57.8	18	7.3	3.3	61.1	1.28	$3.15
FS	FS 4935RR/YGRW	149.1	471.3	57.5	16.8	6.6	3.4	61.4	1.26	$3.12
Rainbow	X1056	148.7	475.16	56.1	15.5	6.9	3.3	61.8	1.27	$3.13
Latham	LH5525	146.3	470.79	54.9	14.7	7.1	3.6	60.7	1.24	$3.17
Renze	9268	143.9	452.82	58.6	17.3	6.6	3.2	62	1.28	$3.11
Rainbow	3035	141.2	448.18	53.3	16.3	7	3.5	61.5	1.28	$3.15
NC+	3926	117.1	365.19	54.8	18.3	7.2	3.5	60.9	1.28	$3.16
Averages[4]		169.1	$527.24	57.2	18.2	7.0	3.5	61.0	1.27	$3.15
Standard Deviation[4]		17.3	$49.73	2.2	1.9	0.4	0.2	0.6	0.02	$0.03

Maximum[4]	200.3	$616.67	61.8	23.1	7.8	4.0	62.2	1.31	$3.24
Minimum[4]	117.1	$365.19	51.0	14.7	6.4	3.2	59.2	1.24	$3.11

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.

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

Ingredient Prices for EPVBF

Corn ($ / bu.)	3.21
White Grease ($ / lb.)	0.16
DDG ($ / ton)	85
48% Soy Meal ($ / ton)	183.6