

2003 Kentucky Corn Production Contest



Sponsored by
University of Kentucky Cooperative Extension Service
and
Kentucky Corn Growers Association
with
Cooperating Commercial Hybrid Corn Companies

January 27, 2004

Available online at: www.uky.edu/Ag/GrainCrops/

SUMMARY OF ENTRIES

General Summary of Entries	
Number of Entries Completed	98
Number of Counties	21
Number of Different Hybrids	46
Number of Seed Companies	12

I. STATE AWARDS

A. DIVISIONS I AND II

Award	Yield (bu/a)	Brand	Hybrid	Producer	County	Division
Champion	296.94	Pioneer	31N27	Schwenke Bros.	Boone	I
2 nd Place	261.09	Pioneer	33P67	James C. Bickett	McLean	I
3 rd Place	259.36	Pioneer	33P67	Zoglmann Bros. Farms	Daviess	I

B. DIVISION III – WHITE CORN (4 ENTRIES)

Award	Yield (bu/a)	Brand	Hybrid	Producer	County
1 st Place	219.24	Pioneer	33T17	Joseph Sprague	Union

C. DIVISION IV – IRRIGATED (8 ENTRIES)

Award	Yield (bu/a)	Brand	Hybrid	Producer	County
1 st Place	266.27	Pioneer	32W86	Steve Hunt	Christian

II. DISTRICT AWARDS (Highest yield, but not a state winner)

DIVISION I, CONVENTIONAL TILLAGE, 32 ENTRIES

District	Yield (bu/A)	Brand	Hybrid	Producer	County
1	235.50	Great Lakes	6631Bt	Jerry Griffith	Graves
2	255.31	Pioneer	34B24	James C. Bickett, Jr.	Union
3	214.69	Pioneer	33P67	Ray Weir	Hopkins
4	164.52	DeKalb	6124	James Snellen	Larue
5	244.84	Pioneer	31N27	Steve Flaig	Boone
6	201.32	Pioneer	34B24	Donald Dunagan	Wayne

DIVISION II, NO-TILLAGE, 52 ENTRIES

District	Yield (bu/A)	Brand	Hybrid	Producer	County
1	234.29	Pioneer	33P67	Dennis Clark	Graves
2	245.57	Pioneer	33P67	Castlen Bros. Farm	Daviess
3	235.38	Pioneer	33P67	Paul Yoder	Todd
4	252.81	Pioneer	34B24	David Hunt	Warren
5	217.86	Croplan	818RR	Walnut Grove Farm	Mason
6	244.29	Pioneer	33P67	Mike Reynolds	Taylor

Note: Several Kentucky Farms won awards in the NCGA National Corn Yield Contest:

Schwenke Bros: National Corn Yield Contest: A Non-Irrigated Class – 1st Place

Bickett Farms: National Corn Yield Contest: A Non-Irrigated Class – 3rd Place

David Hunt: National Corn Yield Contest: A No-Till/Strip Till Non-Irrigated – 3rd Place

Griffith Farms: National Corn Yield Contest: A Ridge Till Non-Irrigated - 1st Place

200 BUSHEL CLUB (Includes all Winners)

Div.	Yield (Bu/A)	Brand	Hybrid	Producer	County
I	296.94	Pioneer	31N27	Schwenke Brothers	Boone
I	261.09	Pioneer	33P67	James C. Bickett	McLean
I	259.36	Pioneer	33P67	Zoglmann Brothers Farms	Daviess
I	255.31	Pioneer	34B24	James C. Bickett, Jr.	Union
I	250.08	Great Lakes	6344Bt	Jonathan Ayer	McLean
I	248.99	Pioneer	33P67	James C. Bickett, Jr.	Union
I	247.32	Pioneer	34B24	James C. Bickett, Jr.	Union
I	244.84	Pioneer	31N27	Steve Flaig	Boone
I	244.49	Pioneer	33P67	Steve Flaig	Boone
I	239.85	Pioneer	33P67	Adam Onan	Union
I	239.21	Pioneer	32W86	Adam Onan	Union
I	237.26	Pioneer	31G98	Darrell Hagan	Daviess
I	235.50	Great Lakes	6631Bt	Jerry Griffith	Graves
I	234.77	Great Lakes	5691	Jonathan Ayer	McLean
I	233.43	Syngenta	65-M7	Sparks Farms	Daviess
I	231.76	Pioneer	34B97	James C. Bickett	McLean
I	230.41	Pioneer	33P67	Darren Luttrell	Ohio
I	222.48	Pioneer	31N27	Adam Onan	Union
I	221.09	Great Lakes	6631	Carole Mattingly	Henderson
I	218.75	Pioneer	33P67	William Sprague	Union
I	214.69	Pioneer	33P67	Ray Weir	Hopkins
I	213.62	Garst	8348	Adam Onan	Union
I	213.32	DeKalb	64-11	George Sprague	Union
I	212.04	Crows	7704	George Sprague	Union
I	209.70	Pioneer	33P67	William Holbrook	Union
I	205.50	Great Lakes	6298 CLP	Leo Mattingly	Henderson
I	201.32	Pioneer	34B24	Donald Dunagan	Wayne
II	252.81	Pioneer	34B24	David Hunt	Warren
II	250.92	Pioneer	33P67	David Hunt	Warren
II	248.25	Pioneer	34B24	Neal Balance	Warren
II	245.57	Pioneer	33P67	Castlen Bros. Farm	Daviess
II	244.29	Pioneer	33P67	Mike Reynolds	Taylor
II	239.20	Pioneer	34B24	James Sexton	Wayne
II	238.60	Pioneer	31G98	PPJ Thompson Farms	Daviess
II	237.77	Pioneer	31N27	Triple Oaks Farms	Warren
II	237.62	Pioneer	34B24	Burton Farms	Wayne
II	237.43	Pioneer	34B24	James C. Bickett, Jr.	Union
II	235.38	Pioneer	33P67	Paul Yoder	Todd
II	235.37	Pioneer	31N27	Peterson Farms	Larue
II	234.29	Pioneer	33P67	Dennis Clark	Graves
II	234.25	DeKalb	DKC 64-10	David Hunt	Warren
II	231.47	Pioneer	33R78	Billy and Roger Morris	Casey
II	231.12	Pioneer	34H31	Neal Ballance	Warren
II	229.38	Pioneer	33P67	Triple Oak Farms	Warren
II	229.31	Pioneer	33P67	Burton Farms	Wayne
II	228.72	Pioneer	33J57	Mike Peters, UK Farms ¹	Fayette
II	226.26	Great Lakes	6298	Lonzo Griffith, Jr.	Graves
II	224.97	Pioneer	34B24	Burton Farms	Wayne
II	224.32	Pioneer	32H69	Peterson Farms	Nelson

Div.	Yield (Bu/A)	Brand	Hybrid	Producer	County
II	223.67	Pioneer	31N27	David M. Walker	Union
II	223.40	Garst	8481 IT	Carlos Tucker	Larue
II	222.62	Exegen	112	Doug Langley	Shelby
II	221.76	DeKalb	DKC69-70	James Sexton	Wayne
II	220.56	Pioneer	33P67	David M. Walker	Union
II	220.17	Pioneer	33P67	Marion Howard	Taylor
II	218.85	Pioneer	31G98	Burton Farms	Wayne
II	218.22	Pioneer	33P67	Jed Clark	Graves
II	217.86	Croplan	818RR	Walnut Grove Farm	Mason
II	216.50	Pioneer	34B24	Gallaway Harper	Todd
II	215.03	Pioneer	31G98	Noble Howard	Taylor
II	214.37	DeKalb	DKC69-71	K+K Farms	Wayne
II	213.62	Pioneer	31N27	Paul Austin	Hopkins
II	213.48	Pioneer	33R77	Williams Farms	Wayne
II	209.83	Wyffels	W702IMI	Gill Farms, Inc.	Todd
II	209.64	Great Lakes	6192	Leo Mattingly, Jr.	Henderson
II	209.39	Pioneer	34B23	Boyd Farms	Larue
II	208.57	Garst	8461	Tom Foly Farms	Christian
II	208.40	Great Lakes	6265 Bt	Jack Griffith	Graves
II	208.34	Great Lakes	6265 Bt	Jack Griffith	Graves
II	207.23	Pioneer	33P67	Deener Farms	Taylor
II	205.37	Garst	8464IT	Kenny Choate	Hart
II	205.31	Great Lakes	5461 Bt	Carole Mattingly	Henderson
II	202.09	Croplan	676 RR	Mark Litzinger	Mason
II	200.58	Pioneer	34B24	Don Burton	Wayne
II	200.20	Pioneer	32W86	Boyd Farms	Larue
III	219.24	Pioneer	33T17	Joseph Sprague	Union
III	205.61	Zimmerman	1851W	Ray Allen Mackey	Hardin
III	204.97	Pioneer	33T17	Hendrickson Bros.	Union
III	200.74	Pioneer	33T17	Hendrickson Bros.	Union
IV	266.27	Pioneer	32W86	Steve Hunt	Christian
IV	256.86	Pioneer	33P67	Brandon Hunt	Christian
IV	251.97	Syngenta	NX7630	Wayne Hunt	Christian
IV	239.21	Great Lakes	6344Bt	John Griffith	Graves
IV	236.22	Great Lakes	6631Bt	Patty Griffith	Graves
IV	234.52	Great Lakes	6344Bt	Reba Griffith	Graves
IV	233.59	Pioneer	33P67	Dennis Clark	Graves

¹ Not eligible to win.

IV. COUNTY AGENT AWARDS

Division	Average Yield (bu/A)	Agent	County	Total No. Entries
I	262.09	Jerry Brown ¹	Boone	3
I	250.54	Rankin Powell	Union	12
I	248.65	Greg Henson	McLean	4
I	243.35	Clint Hardy	Daviess	3
II	252.18	Joanna Coles ¹	Warren	8
II	233.93	Glen Roberts/Danny Adams	Wayne	9
II	227.22	Rankin Powell	Union	3
II	226.50	Pat Hardesty	Taylor	4
II	220.57	Curt Judy	Todd	4
II	217.63	William Green	Graves	5
II	211.00	David Harrison	Larue	3
II	205.69	Bill Peterson	Mason	3
III	208.32	Rankin Powell ¹	Union	3

¹ Top County Yield Average in the respective Division.

V. SUMMARY OF CULTURAL PRACTICES

(The summary is compiled from the questionnaire completed on each entry.)

Planting Date	No. of Entries*
March	1-10 9 11-31 6 b (6)
April	1-10 19 (11) c, d 11-20 30 (15) 21-30 22 (10) a
May	1-10 5 (2) 11-20 3 21-31 0
June	1-10 3 (2) 11-20 3 (1)

Harvest Date	No. of Entries*
August	1-20 0 21-31 4 (4)
September	1-10 18 (8) b 11-20 30 (21) c, d 21-30 17 (13) e
October	1-10 10 (3) 11-20 11 (2) a 21-31 6 (2)
November	1-10 1 11-20 1 (2) 21-30 0

Target Population (seeds/A)	No. of Entries*
23,000-26,000	8
26,001-27,000	5 (1)
27,001-28,000	15 (2)
28,001-29,000	10 (1)
29,001-30,000	26 (6) d
30,001-32,000	19 (3) b
32,001-34,000	4 (1) c
34,001-36,000	2 (2) a, e
36,001-40,000	2

Harvest Population (plants/A)	No. of Entries*
19,000-21,999	1
22,000-25,000	14
25,001-26,000	8 d
26,001-27,000	15 (1)
27,001-28,000	17 (3)
28,001-29,000	13 (6)
29,001-30,000	18 (8) b, c
30,001-32,000	6 (12)
32,001-36,000	6 (2) a, e

Row Width (inches)	No. of Entries*
15	2
30	94 (54) a, b, c, d, e
36	1
38	1

Previous Crop	No. of Entries*
Corn	26 (16) b, d
Soybean	100 (22) a, c
Wheat/Soybean	11 (8)
Sod	1 (1)

Total N (lbs/A)	No. of Entries*
0	0
100-150	8 (3)
151-200	34 (13)
201-210	12 (9) c
211-220	11 (6) d
221-240	14 (15)
241-260	6 (4) a
261-280	1 (1) e
>280	8 (8) b

Application Method	No. of Entries*
Split Application	41 (22) a
No-Till Split	23 (17)
Starter	30 (10)
Minor Elements (Zn, S, Mg, B)	16 (7) e
Poultry Litter	4 (2)
Liquid Manure	1 (1)

Total P₂O₅ (lbs/A)	No. of Entries*
0-19	18 (7)
20-40	11 (7)
41-60	19 (7) c, d
61-90	10 (6) a
91-120	28 (18) e
121-150	6 (5) b
151-200	8 (5)
>200	0

Total K₂O (lbs/A)	No. of Entries*
0-19	19 (9)
20-60	24 (12) d
61-90	13 (5) a
91-120	19 (10) e
121-150	13 (10) c
151-200	19 (8) b
>200	0

Insecticides	No. of Entries*	Insecticides	No. of Entries*
Asana	6 (6) b	Gaucho	1 (1)
Box Treatment	1	Kernel Guard	4 (2) b
Capture	25 (15) d	Mustang Max	4 (2)
Force	4 (1) a	Pounce	3 (3) c
Furadan	3 (2)	Prescribe	1
		Warrior	10 (5)

Herbicides	No. of Entries*	Herbicides	No. of Entries*
2,4-D	2 (2)	Exceed	6 (2)
Accent	9 (3)	Glyphosate	1
Atrazine + Lumax + Gramoxone	5 (4)	Gramoxone	5 (5)
Atrazine + Princep	11 (5)	Harness Xtra	1
Atrazine + Roundup	1	Harness Xtra + Atrazine	2 (2)
Atrazine or Princep	9 (7) b	Keystone + Exceed	2 (2)
Balance + Princep + Atr. + Gramox.	4 (3)	Lightning	1
Basis Gold	1 (1)	Lightning + Atrazine + Glyphosate	2 (1)
Bicep + Atrazine	6 (1)	Lightning + Atrazine + Gramoxone	1 (1)
Bicep + Callisto + Atrazine	1 (1) a	Prowl	1
Bicep + Distinct + Roundup	1	Roundup + Gramoxone	1 (1)
Bicep + Roundup	4 (4)	Roundup Weathermax	4 (1) c
Bicep + SteadFast + Gramoxone	2	Spirit	2 (2)
Bicep Magnum	3 (2)	SteadFast	4 (4)
Callisto	1 (1)	SteadFast + Atrazine	2
Celebrity Plus	1	SteadFast + Cinch ATZ	2 (2) b
Degree Extra + Atrazine	6 (9) d	SteadFast + Distinct + Glyphosate	2 (2)
Degree Extra + Princep	1	SteadFast + Distinct + Glyph. + Princep	2 (2)
Distinct	7 (1) d	Touchdown	3 (3)

Tillage Method	No. of Entries*	Tillage Method	No. of Entries*
No-Till	54 (30) e		
No-Till (Fall: Deep Ripper)	2 (1)		
Ridge Till	3 (3)		
Conventional	38 a, b, c, d		
F: Chisel; Spring: Disc	1	S: Chisel	1 (1)
F ¹ : Deep Ripper; S: Cultivator x 2	2 (2) b	S: Disc	2
F: Deep Ripper; S: Disc	3 a (3)	S: Disc x 2	8 (3)
F: Deep Ripper; S: Disc, C-Shank	1	S: Disc, Chisel	3
F: Deep Ripper; S: Harrow	1 (1)	S: Disc, C-Shank	1
F: Deep Ripper, Cult.; S: Disc	2	S: Disc, Cultivator	1
F: Deep Ripper, Disc; S: Disc	1	S: Field WH	1 (1) b
F: Deep Ripper, Disc; S: Disc, C-Shank	1 d (1)	S: other	1 (1)
F: Disc x2; S: Disc x1	2 (2)		
F: Paraplow; S: disc	2 (1)		

¹F = Fall; S = Spring

Planters		
Make	Model	No. of Entries*
Black Machine		5 (4)
Case IH	800	1
John Deere	1740	1 (1)
John Deere	1750	1 (1)
John Deere	1760	8 (6)
John Deere	1770	13 (10) b
John Deere	1780	2
John Deere	7000	8 (1)
John Deere	7200	10 (3)
Kinze	2600	10 (2) c, d
Kinze	3500	8 (4) a
Kinze	3600	12 (8)
Kinze	3700	3 (2)
New Idea	9000	2 (2)
White	5100	2 (1)
White	6100	1 (1)

Harvesters		
Make	Model	No. of Entries*
Case IH	1440	1 (1)
Case IH	1640	1
Case IH	2188	11 (8) e
Case IH	2366	4 (4) a
Case IH	2388	9 (2) d
Caterpillar Lexion	470	8 (5)
Gleaner	F	1
Gleaner	F2	1
Gleaner	R62	1 (1)
John Deere	3300	2
John Deere	4400	3
John Deere	4435	1
John Deere	6620	1 (1)
John Deere	7720	3 (2)
John Deere	8750	1 (1)
John Deere	9500	5 (1)
John Deere	9510	4 (3)
John Deere	9600	4 (1)
John Deere	9650 STS	9 (6) c
John Deere	9750 STS	18 (15) b
New Holland	TR86	2 (1)
New Holland	TR99	2 (2)

*Explanation of Entries

Number of Entries: 42 (5) a, b, c, d, e

- 42 = Total Number of Entries
- (5) = Number of entries > 220 bu/acre
- a = State Champion
- b = 2nd Place
- c = 3rd Place
- d = 1st Place White Corn State
- e = 1st Place Irrigated State

Note: Numbers reported may not add up to total because of lack of information, or in the case of herbicides, farmers used more than one program listed.

SUMMARY OF OTHER ENTRIES

Div.	Yield (Bu/A)	Brand	Hybrid	Producer	County
I	198.60	DeKalb	60-12	Joseph Sprague	Union
I	183.08	Pioneer	34B23	Doug Underwood	Taylor
I	164.52	DeKalb	6124	James Snellen	Larue
I	131.47	Fielder's Choice	7736R	John Kelley	Mason
I	121.73	Mycogen	TMF 114	James Snellen	Larue
II	197.24	Wyffels	W7355 (high oil)	Galloway Harper	Todd
II	197.11	Croplan	818RR	Pat Conway	Mason
II	183.22	Pioneer	34B28	Eddie Mathis	Shelby
II	175.81	Great Lakes	6396RR	Kyle Bugg	Graves
II	174.92	Great Lakes	6396RR	Chuck Bugg	Graves
IV	195.85	Zimmerman	1851 W	LeRoy Todd	Calloway

Contributing Agribusiness

Appreciation is expressed to the following companies for their financial support which made it possible to provide proper recognition of the participants in this contest.

AgriGold – D.E. Akins Seed Co.

Campbell Seeds

Caverndale Farms, Inc.

Crow's Hybrid Corn Co.

Garst Seeds

Great Lakes Seed Company

Miles Farm Supply

Monsanto Co. (DeKalb and Asgrow Hybrids)

Mycogen Plant Sciences

Pioneer Hi-Bred Int., A DuPont Company

Southern States Cooperative, Inc.

Syngenta Seeds, Inc.

&

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Kentucky Corn Growers Association