

2004 Kentucky Corn Production Contest Summary of Awards and Cultural Practices



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

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SUMMARY OF ENTRIES

Number of Entries Completed	113
Number of Counties	22
Number of Different Hybrids	40
Number of Brands	14

2004 Kentucky Corn Yield Contest, Awards

I. State Awards

Divisions I and II

Award	Yield, bu/A	Brand	Hybrid	Trait*	Producer	County
Champion	291.40	Pioneer	33M54		Schwenke Bros.	Boone
2nd Place	270.63	Pioneer	33M54		Joe Nichols	Trigg
3rd Place	264.08	Pioneer	32D99		Miller Brothers	Todd

Division III, White Corn

Award	Yield, bu/A	Brand	Hybrid	Trait	Producer	County
1st Place	222.54	Pioneer	32T78	WH	Sprague Bros. Farms	Union

Division IV, Irrigated Corn

Award	Yield, bu/A	Brand	Hybrid	Trait	Producer	County
1 st Place	259.35	Pioneer	32W86		Steve Hunt	Christian

II. District Awards

Division I, Tillage, 37 entries

District	Yield, bu/A	Brand	Hybrid	Trait	Producer	County
1	224.79	Pioneer	33M54		Major Bros. Farm	Fulton
2	235.58	Pioneer	33P67	YGCB	Jeremy & Bruce Benson	Hopkins
3	262.03	Pioneer	32D99		Wells Bros.	Union
4	250.31	Garst	8292 YG1	YGCB	Bill Jenkins	Warren
5	128.75	Fielders Clan	7822R	RR	John Kelly	Mason
6	210.37	Pioneer	34B24	YGCB	Burton Farms	Wayne

Division II, No-Tillage, 60 entries

District	Yield, bu/A	Brand	Hybrid	Trait	Producer	County
1	240.09	Pioneer	33P67	YGCB	Dennis Clark	Graves
2	243.56	Pioneer	33P67	YGCB	Whitt Price	Logan
2	243.56	Pioneer	32H69	YGCB	Ben Cundiff	Trigg
3	254.39	Pioneer	33P67	YGCB	Castlen Bros.	Daviess
4	246.98	Pioneer	33P67	YGCB	Emerson Dickerson Farms	Warren
5	237.13	Croplan	818 RR/BT	RR/YGCB	Mark Litzinger	Mason
6	258.38	Pioneer	33P67	YGCB	Milke Reynolds	Taylor

***Trait explanations:**

RR = Roundup Ready (GMO); YGCB = YieldGard Corn Borer (GMO); WH = White kernel corn (non-GMO)

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

Seven Springs Farms, 3rd Place: A NON-IRRIGATED CLASS, 270.6317 bu/acre.

Schwenke Brothers, 2nd Place: A NO TILL/STRIP TILL NON-IRRIGATED, 291.395 bu/acre.

County Agent Awards: Highest Average of Top Three Yields

Division	Average Yield, bu/A	Agent	County
I	252.18	Rankin Powell	Union
II	251.24	Clint Hardy	Daviess
III	217.82	Rankin Powell	Union

200 Bushel Club (Includes all Winners)

Div	Yield, Bu/A	Brand	Hybrid	Grower	County
I	272.79	Pioneer	33R78	Schwenke Bros.	Boone
I	270.10	Pioneer	33M54	Joe Nichols	Trigg
I	267.13	Pioneer	31N28	Schwenke Bros.	Boone
I	264.07	Pioneer	32D99	Miller Brothers	Todd
I	262.03	Pioneer	32099	Wells Bros.	Union
I	250.21	Garst	8292 YG1	Bill Jenkins	Warren
I	248.31	Pioneer	31N27	Land-O-Nan	Union
I	246.21	Pioneer	32D99	Land-O-Nan	Union
I	244.15	Pioneer	33P67	James C. Bickett Jr.	Union
I	241.87	Pioneer	32D99	Land-O-Nan	Union
I	239.33	Pioneer	31N28	James C. Bickett Jr.	Union
I	237.63	NK Brand	N 70-T9	Sparks Farms	Daviess
I	237.30	Pioneer	33M54	Darrell Hagan	Daviess
I	235.58	Pioneer	33P67	Jeremy & Bruce Benson	Hopkins
I	234.54	NK Brand	70-T9	Darrell Hagan	Daviess
I	233.50	Pioneer	34B62	Joseph W. Sprague	Union
I	231.45	Pioneer	33M54	Greg Crowley	Hopkins
I	229.18	Great Lakes	6192 BT	John Ayer	McLean
I	228.25	Asgrow	RX718 RR	William Sprague	Union
I	228.21	Pioneer	34B13	Hendrickson Farms	Union
I	227.71	Pioneer	32W86	Land-O-Nan	Union
I	225.87	Pioneer	31R88	Gary & Herman Thomas	Henderson
I	224.73	Pioneer	33M54	Major Bros. Farm	Fulton
I	220.28	Pioneer	21N28	Jim Bickett Jr.	Union
I	218.92	Pioneer	33P67	Andy Sprague	Union
I	218.17	Pioneer	33M54	Land-O-Nan	Union
I	217.87	Pioneer	33P34	S&S Farms	Union
I	217.12	Pioneer	33P67	Jim Bickett Jr.	Union
I	214.34	Pioneer	31R88	Gary & Herman Thomas	Henderson
I	210.74	Garst	8350	Steve Carraway	Calloway
I	210.37	Pioneer	34B24	Burton Farms	Wayne
I	209.73	Pioneer	33P67	Andy Sprague	Union
I	209.49	LG	2585	Elliot Farms	Henderson
I	203.93	Crow's	8114RB	S&S Farms	Union
II	291.39	Pioneer	33M54	Schwenke Bros.	Boone
II	258.37	Pioneer	33P67	Milke Reynolds	Taylor
II	254.39	Pioneer	33P67	Castlen Bros.	Daviess
II	253.09	Pioneer	34N28	Abe & Joe Miller	Todd
II	251.89	Pioneer	31G28	Castlen Bros.	Daviess
II	251.14	Pioneer	33P67	Marion C. Howard	Taylor
II	247.43	Pioneer	31G28	Castlen Bros.	Daviess
II	246.98	Pioneer	33P67	Emerson Dickerson Farms	Warren

Div	Yield, Bu/A	Brand	Hybrid	Grower	County
II	243.83	Pioneer	31G28	Castlen Bros.	Daviess
II	243.56	Pioneer	33P67	Whitt Price	Logan
II	243.56	Pioneer	32H69	Ben Cundiff	Trigg
II	243.15	Pioneer	32D99	Paul Yoder	Todd
II	243.04	Pioneer	33M54	Jon Warden	Warren
II	241.07	Pioneer	34B27	Ben Hayden	McLean
II	240.08	Pioneer	33P67	Dennis Clark	Graves
II	239.60	Pioneer	33P67	Frog Level Farms	Todd
II	238.98	Garst	8288	Hurst Farms	Nelson
II	238.77	Pioneer	31N27	Boyd Farms	Larue
II	238.44	Pioneer	31N28	Noble Howard	Taylor
II	238.35	Pioneer	33P67	Robert Wiles	Todd
II	237.16	Pioneer	33M54	Burton Farms	Wayne
II	236.56	Croplan	818 RR/BT	Mark Litzinger	Mason
II	236.09	Pioneer	33P67	Joe Neal Balance	Warren
II	235.28	Pioneer	34B28	Tony Folz	Christian
II	234.71	Pioneer	33P67	Castlen Bros.	Daviess
II	233.92	Pioneer	33P67	Jed Clark	Graves
II	233.92	Pioneer	33P66	Boyd Farms	Larue
II	232.54	Pioneer	33P67	Neal Balance	Warren
II	231.49	Pioneer	33P67	Gerry Hayden	McLean
II	225.64	Dekalb	6971	Max Kinnett	Wayne
II	225.30	Garst	8350	David Higginbotham	Wayne
II	224.63	Pioneer	34B24	James C. Bickett Jr.	Union
II	224.00	Northup King	N65-M7	Donald Poore	Cumberland
II	223.31	Pioneer	33P67	Williams Farms	Wayne
II	222.64	Pioneer	31N28	David M. Walker	Union
II	222.62	Pioneer	33P57	Paul Austin	Hopkins
II	222.36	Pioneer	33V15	Land-O-Nan	Union
II	221.90	Crow's	4908	Denny Grant	Daviess
II	221.64	Pioneer	31N27	Boyd Farms	Larue
II	221.46	Garst	8450 IT	Joel Armistoad	Logan
II	221.37	Pioneer	33R76	James Sexton	Wayne
II	219.39	Pioneer	34B28	Jonathan Cook	Christian
II	218.01	Great Lakes	6631 Bt	Patty Griffith	Graves
II	215.30	Agrigold	A6445	Knott Farms	Daviess
II	213.33	Pioneer	33P67	David M. Walker	Union
II	213.23	Great Lakes	6631 Bt	Jerry Griffith	Graves
II	212.43	Pioneer	33P67 BT	Don Summers	Hardin
II	209.63	Pioneer	33P67	Robert L. Alvery	Daviess
II	208.70	Becks	6464	Jonathan Cook	Christian
II	207.51	Agrigold	A6445	Knott Farms	Daviess
II	206.87	Pioneer	33P67	Burton Farms	Wayne
II	204.26	Pioneer	33P67	Jeff Deener	Taylor
II	203.04	Pioneer	33P67	J. David Miller	Hardin
II	200.76	Great Lakes	6192	Jack Griffith	Graves
II	200.68	Mycogen	2T801	Mark Litzinger	Mason
III	222.54	Pioneer	33T78	Sprague Bros. Farms	Union

Div	Yield, Bu/A	Brand	Hybrid	Grower	County
III	217.95	Pioneer	33T17	Sprague Bros. Farms	Union
III	217.88	Zimmerman	1851W	Meadow View Farms	Hardin
III	212.98	Pioneer	33T17	Sprague Bros. Farms	Union
IV	259.35	Pioneer	32W86	Steve Hunt	Christian
IV	249.40	Pioneer	32T78	Firmon M. Cook III	Caldwell
IV	244.95	Pioneer	31N28	Brandon Hunt	Christian
IV	238.38	Syngenta	N75-C4	Wayne Hunt	Christian
IV	222.88	Great Lakes	6631 Bt	Reba Griffith	Graves
IV	210.23	Great Lakes	6631 Bt	John Griffith	Graves
IV	209.78	Becks	6499CBRR	Mullican/Settles Farms	Daviess
IV	200.47	Pioneer	32T78	Leroy Todd	Calloway

V. SUMMARY OF CULTURAL PRACTICES

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

Date Planted	No. of Entries*	
03/01 - 03/15		
03/16 - 03/30	17	(10)
04/01 - 04/15	63	(45) b,c,d,e
04/16 - 04/31	17	(11) a
05/01 - 05/15	3	(2)

Date Harvested	No. of Entries*	
8/16 - 8/31	9	(1)
9/1 - 9/15	40	(25) b,c,d
9/16 - 9/30	28	(24) a,e
10/01 - 10/15	7	(5)
10/16 - 10/31	3	
11/01 - 11/15	5	(3)
11/16 - 11/30	3	(3)

Seeding Rate (seeds/acre)	No. of Entries*	
22,001 - 25,000	1	(1)
25,001 - 28,000	14	(8)
28,001 - 31,000	52	(37) a,c,d
31,001 - 34,000	21	(13)
34,001 - 37,000	10	(9)
37,001 or more	2	(2) b,e

Final Stand (plants/acre)	No. of Entries*	
21,001 - 24,000	6	(1)
24,001 - 27,000	31	(16)
27,001 - 30,000	42	(34) a,c,d
30,001 - 33,000	9	(6)
33,001 - 36,000	6	(7)
36,001 or more	2	(2) b,e

Overall Average % Stand of Seeding Rate: 91

Row Width	No. of Entries*	
20 inches	3	(2) b
30 inches	108	(69) a,c,d,e
36 inches	2	(2)

Previous Crop	No. of Entries*	
Soybean	51	(38) a,c,d
Corn	34	(18) e
Wheat/Soybean	16	(11) b
Alfalfa	1	(1)

Total N (lbs/acre)	No. of Entries*	
101 - 150	6	(3)
151 - 200	32	(20) b,d
201 - 250	41	(31) a,e
251 - 300	17	(13) c
301 or more	2	(1)

N Applications	No. of Entries*	
Split Application	38	(28) a,c,e
Not-Till Split	17	(3)
Starter	27	(22) a,c,e
Manure	9	(6) c
Zn and/or S	13	(8)

Total P	No. of Entries*		
(lbs P ₂ O/acre)			
none	26	(13)	b
50 or less	17	(12)	a
51 - 100	36	(18)	d
101 - 150	22	(17)	
151 or more	10	(8)	c,e

Total K	No. of Entries*		
(lbs K ₂ O/acre)			
none	24	(13)	b,e
50 or less	7	(3)	
51 - 100	33	(21)	a
101 - 150	41	(27)	d,e
151 or more	5	(4)	c

Herbicides	No. of Entries*		
2,4-D	10	(7)	
Aatrex (Atrazine)	79	(49)	b,c,d,e
Accent	4	(2)	
Balance/Balance Pro	6		
Bicep/Bicep II Mag.	21	(20)	a,c
Callisto	10	(8)	a
Celebrity Plus	9	(7)	e
Clear Out	3	(2)	
Degree/Degree Extra	19	(11)	d
Distinct	10	(8)	
Equip	2	(2)	
Exceed	8	(6)	e
Glyphomax	2	(1)	
Glystar	1	(1)	
Gramoxone	12	(6)	
Guardsman/Gman Max	3	(2)	
Harness/Harness Xtra	13	(4)	e
Lightning	8	(3)	
Lumar	1	(1)	
Lumax	2		
Princep (Simazine)	23	(16)	
Prowl	3	(3)	b,d
Roundup Brand	26	(8)	e
Senagin	2	(2)	
Simitrol	2	(2)	
Spirit	5	(5)	
SteadFast	15	(12)	
Touchdown	3	(2)	
Valor	2	(2)	

Insecticide	No. of Entries*		
Asana	4	(3)	
Capture	26	(23)	c,b,e
Cruiser	1	(1)	a
Force 3G	1		
Kernel Guard	2	(1)	
Lorsban	1		
Mustang	5	(3)	
Poncho	10	(8)	
Pounce	2	(2)	
Regent	3	(3)	
Warrior	6	(4)	
Waylay	2	(2)	

Tillage	No. of Entries*			Tillage	No. of Entries*		
No-Till	68	(45)	a,d,e	F: Deep Rip; S: Field Cultiv.	2	(1)	
Deep Tillage; Shallow Tillage	1	(1)		F: Deep Rip; S: Mulch Finish.	1	(1)	
Disc 2x; Disc/Chis.1x	1			F: Disc; S: Chisel	1		
Disc, Field Cultivator	1	(1)		F: Plow; S: Field Cultivator	2		
F&S: Disc2x	6	(5)		S: Deep Ripper, Disc	1		
F&S: Disc2x, Chis.2x	1			S: Disc 1x	4		
F&S: Disc 3x	3	(1)		S: Disc 2x, chisel	1	(1)	
F&S: Disc 5x	1	(1)		S: Disc, Field Cultivator	2	(2)	
F: Deep Rip; S: Disc1x	2	(2)		S: Disc, Other	1	(1)	
F: Deep Rip; S: Disc2x	6	(4)		S: Field Cultivator	1	(1)	
F: Deep Rip; S: Disc, F. Cultiv.	1			S: Plow, Chisel	2	(2)	
F: Deep Rip; S: Field Cult. 2x	1	(1)	c	S: Plow, Disc, Other	2		

Planter	No. of Entries*	
Black Machine	6	(5)
Case IH 1200	1	
John Deere 1760	1	(1)
John Deere 1770	12	(9)
John Deere 1780	2	(1)
John Deere 7000	8	(6)
John Deere 7200	4	(3)
John Deere	1	
Kinze	2	(1)
Kinze 1631	1	(1)
Kinze 1990	1	
Kinze 2300	2	(2)
Kinze 2600	9	(6) e
Kinze 3500	12	(10) a
Kinze 3600	25	(12) d
Kinze 3700	2	(3)
Kinze 3700 (20")	1	(1) b
Kinze Units/Bauer Bar	1	(1)
New Idea 9000	2	(1)
White 1800	1	(1) c
White 6100	2	(2)

Harvester	No. of Entries*	
Case IH 2166	1	
Case IH 2188	4	(2)
Case IH 2366	2	(2)
Case IH 2388	16	(14) a,c,e
Case IH 8300	9	(3) d
CAT Lexion 475	1	(1)
CAT Lexion 585R	2	(2)
Gleaner F2	2	(1)
Gleaner R75	1	(1)
IHC 1460	1	
John Deere 4400	2	(1)
John Deere 7720	1	(1)
John Deere 9450	1	(1)
John Deere 9500	1	
John Deere 9500		
John Deere 9510	2	(1)
John Deere 9600	5	(3)
John Deere 9610	6	(5) b
John Deere 9650	7	(6)
John Deere 9660	3	(3)
John Deere 9660 STS	1	
John Deere 9750	9	(6)
John Deere 9750 STS	1	(1)
John Deere 9760 STS	1	(1)
John Deere 9860	8	(7)
John Deere	2	(2)
New Holland TR-86	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	186.48	Asgrow	718	Sprague Bros. Farms	Union
I	186.39	Dekalb	6324	William Holbrook	Union
I	128.75	Fielder's Choice	7822R	John Kelly	Mason
II	194.52	Garst	8292	David Higginbotham	Wayne
II	191.79	Dekalb	6971	James Sexton	Wayne
II	183.60	Pioneer	33R77	Williams Farms	Wayne
II	178.94	Great Lakes	6259 BTCL	Leo Mattingly	Henderson
II	178.72	Great Lakes	6298CL	Leo Mattingly	Henderson
III	198.14	Exsegen	210	Miles Stratton	Logan

Contributing Agribusiness

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Crow's Hybrid Corn Co.

Miles Farm Supply

Pioneer Hi-Bred Int., A DuPont Company

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&

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