



2005

Kentucky Extension Corn Production Contest

Summary of Awards & Cultural Practices

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

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

SUMMARY OF ENTRIES

Number of Entries Completed	85
Number of Counties	21
Number of Different Hybrids	50
Number of Brands	10

I. STATE AWARDS

Divisions I and II

Award	Yield, bu/A	Brand	Hybrid	Trait*	Farmer/Farm	County
Champion	251.83	Pioneer	33P67	YGCB	Martin Farms	Muhlenburg
2nd Place	242.44	Pioneer	31N28	YGCB	David M. Walker	Union
3rd Place	240.04	Pioneer	33P67	YGCB	Castlen Bros Farm	Daviess

Division III, White Corn, 4 Entries

Award	Yield, Bu/A	Brand	Hybrid	Trait*	Farmer/Farm	County
1st Place	210.85	Pioneer	32T78	White	Running T Farms	Union

Division IV, Irrigated Corn, 7 Entries

Award	Yield, Bu/A	Brand	Hybrid	Trait*	Farmer/Farm	County
1st Place	222.25	Pioneer	33P70	YGCB,RR2	James Bickett/Bickett Farms	Henderson

II. DISTRICT AWARDS

Division I, Tillage, 33 Entries

District	Yield, Bu/A	Brand	Hybrid	Trait*	Farmer	County
1	237.33	Pioneer	33P67	YGCB	Dennis Clark	Graves
2	211.98	Pioneer	33M54		Ray Weir	Hopkins
3	236.75	Pioneer	31N28	YGCB	Zoglmann Bros. Farms	Daviess
4	219.37	Pioneer	31N27		Reding Farms	Nelson
5	225.00	Pioneer	33P67	YGCB	Schwenke Bros.	Boone
6	194.93	Pioneer	31N26	RR2	Onieda Baptist Inst.	Clay

Division II, No-Tillage, 41 Entries

District	Yield, Bu/A	Brand	Hybrid	Trait	Farmer	County
1	224.10	Great Lakes	6192		Jack Griffith	Graves
2	227.14	Pioneer	33P67	YGCB	Paul Austin	Hopkins
3	237.91	NK	65M7		Sparks Farms	Daviess
4	231.40	Pioneer	33N56		Peterson Dairy Farms	Marion
5	225.00	Pioneer	33M54		Schwenke Bros.	Boone
6	239.96	Garst	8292YG1	YGCB	David Higginbotham	Wayne

*Traits: YGCB = YieldGuard Corn Borer, RR2 = Roundup Ready 2, White = white corn.

III. AGENT ACHIEVEMENT AWARDS

Div.	County	Average Yield	Agent
I	Daviess	227.34	Clint Hardy
II	Daviess	231.28	Clint Hardy

Other agents reporting at least three yields in a division.

Div.	County	Average Yield	Agent
I	Union	223.10	Rankin Powell
II	Union	222.46	Rankin Powell
II	Henderson	203.73	Mike Smith
II	McLean	206.70	Greg Henson
II	Taylor	192.53	Pat Hardesty
IV	Daviess	192.43	Clint Hardy
IV	Graves	221.43	William Green

200 BUSHEL CLUB
(includes all winners)

Division	District	Yield, Bu/A	Brand	Hybrid	Grower/Farm	County
I	3	242.44	Pioneer	31N28	David M. Walker	Union
I	1	237.33	Pioneer	33P67	Dennis Clark	Graves
I	3	236.75	Pioneer	31N28	Zoglmann Bros. Farm	Daviess
I	5	235.24	Pioneer	33P67	Schwenke Bros.	Boone
I	1	224.75	Great Lakes	6550 Bt	Jerry Griffith	Graves
I	3	222.79	Agrigold	6610	Scott Kuegel	Daviess
I	3	222.49	Pioneer	33P67	Knott Farms	Daviess
I	3	222.48	Pioneer	33N56	Darrell Hagan Farms	Daviess
I	4	219.38	Pioneer	31N27	Reding Farms	Nelson
I	3	217.46	Pioneer	33M54	Guy & Tom Howard	McLean
I	3	214.10	Pioneer	31N27	Adam O Nan	Union
I	3	213.58	Pioneer	33P67	Darrel Hagan	Daviess
I	3	212.75	Pioneer	31G68	Jim Bickett	Union
I	2	211.98	Pioneer	33M54	Ray Weir	Hopkins
I	3	210.48	Pioneer	31N26	Sprague Brothers Farms	Union
I	3	207.11	Great Lakes	6298CL	Daniel Woosely	McLean
I	3	206.83	Asgrow	RX715RR2	Sprague Brothers Farms	Union
I	3	204.92	Pioneer	32D99	Adam O Nan	Union
I	3	203.42	Pioneer	33V15	Adam O Nan	Union
I	2	200.57	Pioneer	31G66	Chester and Wanda Duncan	Hopkins
II	2	251.83	Pioneer	33P67	Martin Farms	Muhlenburg
II	3	240.04	Pioneer	33P67	Castlen Bros. Farm	Daviess
II	6	239.96	Garst	8292BT	David Higginbotham	Wayne
II	3	237.91	NK Syngenta	65M7	Sparks Farms	Daviess
II	3	236.30	DeKalb	63-81	Matt Mason	Union
II	3	232.59	NK Syngenta	65M7	Sparks Farms	Daviess
II	5	231.87	Pioneer	33M54	Schwenke Bros.	Boone
II	4	231.40	Pioneer	33N56	Peterson Dairy Farm	Marion
II	3	230.91	DeKalb	6145RR	David M. Walker	Union
II	2	227.14	Pioneer	33P67	Paul Austin	Hopkins
II	4	224.11	DeKalb	61-44	Chad Elkins	Warren
II	1	224.10	Great Lakes	6192	Jack Griffith	Graves
II	1	222.66	Pioneer	33R81RR	Tony Gill	Carlisle
II	3	219.74	Great Lakes	6192 BTCL	Jonathan Ayer	McLean
II	3	215.90	Pioneer	33V09	Castlen Bros. Farm	Daviess
II	6	213.89	Pioneer	31N28	Marion C. Howard	Taylor
II	4	212.46	Pioneer	31N28	Daniel Peterson	Marion
II	3	210.92	Pioneer	34B24	Castlen Bros. Farm	Daviess
II	2	210.56	Pioneer	33R77	Miller Bros.	Todd
II	3	208.63	Great Lakes	6192CL	Scott Keach	Henderson
II	3	206.17	Pioneer	33P70	PPJ Thompson Farm	Daviess
II	3	205.25	Great Lakes	6192BtCL	Leo Mattingly	Henderson
II	3	204.68	Pioneer	33M54	Alvey Farms	Daviess
II	3	204.13	Pioneer	34B24	Castlen Bros. Farm	Daviess
II	3	202.00	Garst	8350Bt	Cecil Farms	Daviess
II	3	200.17	Pioneer	32W86	Adam O Nan	Union
III	3	210.85	Pioneer	32T78	Running T Farms	Union
IV	3	222.25	Pioneer	33P70	James Bickett	Henderson
IV	1	221.98	Great Lakes	6192 RRYG	Patty Griffith	Graves
IV	1	221.51	Great Lakes	6444Bt	John Griffith	Graves
IV	3	221.02	Pioneer	33P67	Strode Farms	Daviess
IV	1	220.82	Great Lakes	6444Bt	Reba Griffith	Graves

V. SUMMARY OF CULTURAL PRACTICES

(The summary is compiled from the form completed with each entry.)

Date Planted	No. of Entries*		
03/16 - 03/30	1		
04/01 - 04/15	36	(10)	b,d
04/16 - 04/31	32	(7)	c,e
05/01 - 05/15	9	(5)	a

Date Harvested	No. of Entries*		
8/16 - 8/31	1		
9/1 - 9/15	30	(10)	e
9/16 - 9/30	29	(7)	a,b,d
10/01 - 10/15	15	(3)	
10/16 - 10/31	5	(2)	c
11/01 - 11/15	1	(1)	
11/16 - 11/30	1		

Seeding Rate (seeds/acre)	No. of Entries*		
25,001 - 28,000	15	(2)	d
28,001 - 31,000	49	(13)	a,c,e
31,001 - 34,000	12	(5)	b
34,001 - 37,000	3	(1)	

Final Stand (plants/acre)	No. of Entries*		
21,001 - 24,000	5	(1)	
24,001 - 27,000	20	(4)	
27,001 - 30,000	40	(11)	a,b,c
30,001 - 33,000	7	(5)	

Row Width	No. of Entries*		
30 inches	79	(23)	a,b,c,d,e
36 inches	2	(1)	

Previous Crop	No. of Entries*		
Soybean	51	(15)	a,c,e
Corn	18	(6)	b
Wheat/Soybean	9		d
Grass/Sod	1		

Total N (lbs/acre)	No. of Entries*		
101 - 150	7	(1)	
151 - 200	38	(5)	a,e
201 - 250	35	(15)	b,c,d
251 - 300	2	(2)	
301 or more			

N Applications	No. of Entries*		
Split Application	26	(9)	a,b
Starter	12	(8)	a,b
Sidedress Only	9	(2)	e
Manure	5	(3)	
Zn	1	(1)	b

Total P (lbs P ₂ O/acre)	No. of Entries*		
none	6		
50 or less	11	(4)	
51 - 100	36	(1)	d
101 - 150	17	(9)	a,b,c
151 or more	8	(7)	e

Total K (lbs K ₂ O/acre)	No. of Entries*		
none	7		
50 or less	6	(1)	
51 - 100	29	(4)	a,d
101 - 150	25	(8)	b,c
151 or more	11	(8)	e

*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

Herbicides	No. of Entries*		
2,4-D	2		
Aatrex (Atrazine)	55	(16)	a,b,c,e
Accent	2	(1)	
Bicep II Magnum	7	(2)	
Bucaneer Plus	1		
Callisto	3	(2)	
Celebrity Plus	1		
Cinch	1		
Degree (Extra)	8	(3)	
Distinct	14		
Extra Point	2		
Gramoxone	11	(4)	c
Guardman (Max)	2		
Harness (Xtra)	7	(2)	a,d
Lexar	13	(5)	c
Liberty	1		d
Lightning	13		
Lumax	6	(5)	b
Princep (Simazine)	13	(3)	
Roundup Brand	23	(6)	e
SteadFast	6	(3)	a,b
Touchdown	6		

Insecticide	No. of Entries*		
Capture	14	(3)	b
Cruiser	3	(2)	
Kernel Guard	4	(1)	d
Mustang	1	(1)	
Permethrin	2	(1)	a
Poncho	17	(3)	
Pounce	1		
Regent	1	(1)	
Warrior	12	(8)	c,d

Tillage	No. of Entries*			Tillage	No. of Entries*		
No-Till	41	(13)	a,c				
Conventional Tillage	33	(8)	b,d,e				
F: Chisel; S: Disk	1	(1)		S: C-shank		1	
F: Chisel; S: Disk 2x	1	(1)		S: Deep Rip, Chisel		2	
F: Chisel; S: Disk, Cultivator	1	(1)	e	S: Deep Rip, Disk 2x		1	
F: Deep Rip	3	(1)		S: Deep Ripper, Disk		1	
F: Deep Rip, Disk; S: C-shank	1			S: Disk 1x		1	
F: Deep Rip, Disk; S: Disk	1	(1)	b	S: Disk 2x		2	
F: Deep Rip; S: Disk 2x	4	(1)		S: Disk 2x, chisel		1	(1)
F: Deep Rip; S: Disk, Other	2			S: Disk, Chisel		1	(1)
F: Deep Rip; S: Field Cultiv.	1			S: Disk, Field Cultivator			
F: Deep Rip; S: Mulch Finish.	1		d	S: Disk, Other			
F: Disk 1x	1			S: Field Cultivator		1	(1)
F: Disk, Other	2	(1)		S: Hipper		3	
F: Disk; S: C-shank	3			S: Turbo-Till		1	
F: Disk; S: Disk	1	(1)					
F: Field Cultiv.; S: Disk 2x	1						
F: Plow; S: Field Cultivator							

F = Fall Tillage; S = Spring Tillage

***Explanation of Entries**

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

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- c = 3rd Place
- d = 1st Place White Corn State
- e = 1st Place Irrigated State

Planter	No. of Entries*		
Allis-Chalmers 333	1		
Black Machine	4		
John Deere	3	(1)	e
John Deere 1750	2		
John Deere 1760	4	(1)	
John Deere 1770	3		
John Deere 1780	1	(1)	
John Deere 7000	3	(1)	a
John Deere 7200	5		
John Deere 7240	1		
Kinze	5	(2)	
Kinze 2600	5		
Kinze 3500	2	(2)	
Kinze 3600	32	(10)	c
Kinze 3650	6	(4)	b
White 5100	1		
White 8100	1		d

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Harvester	No. of Entries*		
Case IH 1440	1		
Case IH 1660	1		
Case IH 2188	2		
Case IH 2366	2	(2)	
Case IH 2388	14	(4)	b
CAT Lexion 475	3		
CAT Lexion 570R	5	(5)	
CAT Lexion 585R	1	(1)	
Gleaner R75	2	(2)	
John Deere 4400	2	(1)	
John Deere 7720	1		
John Deere 8820	1		
John Deere 9400	1		
John Deere 9410	1		
John Deere 9450	1		
John Deere 9500			
John Deere 9500	4		
John Deere 9510	5	(1)	
John Deere 9600	1		
John Deere 9650	8	(1)	a
John Deere 9660	6	(2)	c
John Deere 9730	1		
John Deere 9750	2		
John Deere 9760	2	(2)	
John Deere 9860	4	(3)	e
New Holland TR-86	2		
New Holland TR-96	1		
New Holland TR-98	1		
New Holland TR-99	4		d

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

Division	District	Yield, Bu/A	Brand	Hybrid	Grower/Farm	County
I	3	198.73	Pioneer	33N56	Darrell Hagan Farms	Daviess
I	3	197.88	DeKalb	DKC 63-81	Sprague Brothers Farms	Union
I	6	194.93	Pioneer	31N26	Onieda Baptist Inst.	Clay
I	3	194.51	Great Lakes	5961 CL	Leo Mattingly	Henderson
I	3	193.24	Great Lakes	5961	Daniel Woosely	McLean
I	3	187.70	Great Lakes	5961	Joe Wells	Union
I	3	187.69	Great Lakes	GL6192CL	Daniel Woosely	McLean
I	3	185.89	Great Lakes	GL5961	John Woosley	McLean
I	3	184.51	Agrigold	A6445 RR	Sprague Brothers Farms	Union
I	3	180.74	Pioneer	33P67	Sprague Brothers Farms	Union
I	3	176.87	Great Lakes	6298CL	John Woosley	McLean
I	3	167.78	Agrigold	6710 RR	French Farms	Union
I	3	166.20	Great Lakes	6192	John Woosley	McLean
II	6	197.80	Pioneer	33P65	Williams Farms	Wayne
II	3	197.32	DeKalb	61-45BTRR	Elliott Farms	Henderson
II	6	196.79	Garst	8350 YG1	Bruce Pierce & Sons	Pulaski
II	3	191.07	Great Lakes	6192CL	Scott Keach	Henderson
II	3	190.54	DeKalb	69-71 BTRR	Elliott Farms	Henderson
II	4	190.00	Pioneer	33V15	Whitt Price	Logan
II	6	183.14	Pioneer	33M54	Mike Reynolds	Taylor
II	6	182.79	Pioneer	33P67	Morris Farms	Casey
II	6	180.56	So. States	842 RR	Sullivan Farms	Taylor
II	3	180.35	Pioneer	31N26	PPJ Thompson Farm	Daviess
II	6	169.84	Pioneer	34B24	David Byler	Wayne
II	4	154.27	Garst	8450IT	Carlos Tucker	LaRue
II	6	154.24	Pioneer	33M54	Noble E. Howard	Taylor
II	4	138.83	Garst	8484	David Ragland	LaRue
II	4	124.77	AgVenture	8923	Donald Summers	Hardin
III	3	184.35	Pioneer	32B10	PPJ Thompson Farm	Daviess
III	3	184.35	Pioneer	32B10	PPJ Thompson Farm	Daviess
III	3	165.49	Pioneer	33T17	Sprague Brothers Farms	Union
IV	3	194.90	Wyffes	7300	Jerry Obryan	Daviess
IV	3	161.37	Pioneer	34B20	Mullican/Settles Farm	Daviess

Contributing Agribusiness

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 &
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