



2006

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	86
Number of Counties	21
Number of Different Hybrids	41
Number of Brands	10

I. State Awards

Divisions I and II (Conventional and No-Tillage)

State	Yield, Bu/A	Hybrid	Farmer/Farm	County
Champion	274.05	Pioneer 31N28	Schwenke Brothers	Boone
2 nd Place	256.32	Pioneer 33M54	James C. Bickett / Bickett Farms	Muhlenberg
3 rd Place	253.41	Pioneer 33P67	John Martin/Martin Farms	Todd

Division III, White Corn

State	Yield, Bu/A	Hybrid	Farmer/Farm	County
Champion	252.74	Pioneer 33V62	Cundiff Farms	Trigg
2nd place	238.53	Pioneer 33V62	Seven Springs Farms/Joe Nichols	Trigg

Division IV, Irrigated Corn

State	Yield, Bu/A	Hybrid	Farmer/Farm	County
Champion	264.44	Pioneer 33P67	Steve Hunt	Christian
2nd Place	263.51	Pioneer 33Y45	Brandon Hunt	Christian

II. Regional Awards

Division I, Conventional Tillage

District	Yield, Bu/A	Hybrid	Farmer/Farm	County
2	230.01	Pioneer 33M54	Cundiff Farms	Trigg
3	250.89	DeKalb DKC64-81	Geotz Bros. Farms	Daviess
4	199.64	Garst 8450IT	John Hurst	Nelson
5	244.88	Pioneer 33A16	Schwenke Brothers	Boone
6	218.34	NK Syngenta 65-M7	Donnie Poore	Cumberland

Division II, No-Tillage

District	Yield, Bu/A	Hybrid	Farmer/Farm	County
1	233.22	DeKalb DKC61-72	Jacob Griffith/Griffith Farms	Graves
2	251.13	Pioneer 31P41	Brian Oatts	Christian
3	249.74	Pioneer 33Y45	Jim Bickett, Jr./Bickett Farms	Union
4	237.64	Pioneer 33N56	Neal Ballance	Warren
6	216.49	Pioneer 31G68	Mike Reynolds	Taylor

III. County Agent Awards

Awards are for the highest average yield of the top three yields in a county for Divisions I, II and III.

Division	County	County Agent	Average Yield, bu/A
I	Daviess	Clint Hardy	235.61
II	Union	Rankin Powell	244.95
III	Trigg	David Fourqurean	241.89

200 BUSHEL CLUB, includes all winners

Division	Yield, bu/a	Hybrid	Name	Farmer / Farm Name	County	District
I	277.79*	Pioneer	33M53	Seven Springs Farms/Joe Nichols Seven Springs Farms/	Trigg	2
I	272.95*	Pioneer	33M53	Kalynn Brantley & Jillian Nichols	Trigg	2
I	256.32	Pioneer	33M54	James C. Bickett/Bickett Farms	Muhlenberg	2
I	250.89	DeKalb	DKC64-81	Geotz Bros. Farms	Daviess	3
I	244.88	Pioneer	33A16	Schwenke Brothers	Boone	5
I	235.11**	Pioneer	33M54	Jim Bickett, Jr./Bickett Farms	Union	3
I	230.01	Pioneer	33M54	Cundiff Farms	Trigg	2
I	228.07	Garst	83801T	Triple T Farms	Daviess	3
I	227.86	Beck's	5444RR2	Wayne Glenn and Sons Farms	Daviess	3
I	227.29	Pioneer	33P70	Basham Farms	Hopkins	2
I	225.06	Crow's	7R321	Malcolm Oatts	Christian	2
I	223.28	AgriGold	6633	Flatlick Farms	Daviess	3
I	223.21	Syngenta	NK76-D3	Sparks Bros.	Daviess	3
I	219.67	Beck's	5444RR2	Folz Farms/Tom and Tony Folz	Christian	2
I	218.70	Pioneer	33P67	Flatlick Farms	Daviess	3
I	218.35	Syngenta	NK65-M7	Donnie Poore	Cumberland	6
I	213.85	Great Lakes	6202BT	Joe Walt Wells/Wells Farms	Union	3
I	209.35	Pioneer	31P41	Land O Nan Farms	Union	3
I	205.39	Great Lakes	6321BT	Drew Wells/Wells Farms	Union	3
I	203.28	Pioneer	31G68	Ray Weir	Hopkins	2
I	201.92	Pioneer	31N27	Tommy and Michael Long	Union	3
II	274.05	Pioneer	31N28	Schwenke Brothers	Boone	5
II	253.41	Pioneer	33P67	John Martin/Martin Farms	Todd	2
II	251.06	Pioneer	31P41	Brian Oatts	Christian	2
II	249.74	Pioneer	33Y45	Jim Bickett, Jr./Bickett Farms	Union	3
II	243.79	AgriGold	6633	David M. Walker/Walker Farms	Union	3
II	241.48	Pioneer	33Y45	Charles Oatts	Christian	2
II	241.31	Pioneer	33Y45	Land O Nan Farms	Union	3
II	239.84	Pioneer	33P67	Castlen Bros. Farms	Daviess	3
II	237.64	Pioneer	33N56	Neal Ballance	Warren	4
II	234.88	Pioneer	33Y45	Castlen Bros. Farms	Daviess	3
II	234.36	Pioneer	33Y45	Jim Bickett, Jr./Bickett Farms	Union	3
II	233.22	DeKalb	DKC61-72	Jacob Griffith/Griffith Farms	Graves	1
II	233.06	Garst	8534YG1/GT	Carlos Tucker	LaRue	4
II	232.63	Pioneer	31N26	PPJ Thompson Farms	Daviess	3
II	232.45	Pioneer	33P67	Castlen Bros. Farms	Daviess	3
II	230.49	Pioneer	33P67	Castlen Bros. Farms	Daviess	3
II	230.03	AgVenture	AV8923	Donald Summers	Hardin	4
II	228.07	Pioneer	33P67	Castlen Bros. Farms	Daviess	3
II	225.48	Pioneer	33N56	Jon Warden	Warren	4
II	224.24	Garst	8482CBLIT	Carlos Tucker and Jimmy Davis	Hart	4
II	223.26	Pioneer	33P67	Donald Summers	Hardin	4
II	221.59	Pioneer	33M54	Bobby G. Willett/BGW Farms	Union	3
II	220.19	Great Lakes	6518BtRR	Jerry Griffith/Griffith Farms	Graves	1
II	219.55	Pioneer	33P70	PPJ Thompson Farms	Daviess	3
II	218.01	Pioneer	33M54	Chris Kummer	Simpson	4
II	217.56	Pioneer	33M54	Albert Peterson/Peterson Farms	Marion	4
II	216.49	Pioneer	31G68	Mike Reynolds	Taylor	6
II	215.54	Pioneer	34A16	David M. Walker/Walker Farms	Union	3
II	214.79	Pioneer	33M57	Marion C. Howard/Howard Farms, Inc.	Taylor	6
II	214.78	AgriGold	6633	Randahl and Brad Stephen	Daviess	3
II	213.24	Pioneer	33M53	PPJ Thompson Farms	Daviess	3
II	211.96	Pioneer	31N28	Marion C. Howard	Taylor	6
II	209.94	Great Lakes	6298CL	Leo Mattingly	Henderson	3
II	209.88	Asgrow	RX715RR2	Matt Mason	Union	3
II	207.00	Pioneer	33P70	Bob Alvey	Daviess	3
III	252.74	Pioneer	33V62	Cundiff Farms	Trigg	2
III	238.53	Pioneer	33V62	Seven Springs Farms/Joe Nichols	Trigg	2
III	235.74	Pioneer	33V62	S+S Farms/Brian Shouse Seven Springs Farms/	Union	3
III	234.39	Pioneer	33V62	Kalynn Brantley and Jillian Nichols	Trigg	2
III	219.74	Pioneer	33V62	Waller Bros.	Union	3
III	214.85	Pioneer	32R38	Warren Dunn	Carlisle	1
III	204.03	Pioneer	32R38	Willard Greenwell and Sons	Union	3
IV	264.44	Pioneer	33P67	Steve Hunt	Christian	2

200 BUSHEL CLUB, includes all winners

Division	Yield, bu/a	Hybrid	Name	Farmer / Farm Name	County	District
IV	263.51	Pioneer	33Y45	Brandon Hunt	Christian	2
IV	251.16	Pioneer	32D99	Darrin Hunt	Christian	2
IV	250.40	DeKalb	DKC64-81	Wayne Hunt	Christian	2
IV	226.54	Great Lakes	6518BtRR	John Griffith/Griffith Farms	Graves	1
IV	218.69	Great Lakes	6518BtRR	Reba Griffith/Griffith Farms	Graves	1
IV	214.73	Great Lakes	6365	Jack Griffith/Griffith Farms	Graves	1
IV	213.27	Great Lakes	6518BtRR	Patty Griffith/Griffith Farms	Graves	1

*Late entry, eligible for 200 bushel club, not eligible for awards.

**No re-check, yields were assumed to be 235 bu/acre for competition.

V. SUMMARY OF CULTURAL PRACTICES

(Compiled from the form completed with each entry.)

Farmer/Farm Name	Schwenke Bros.	James C Bickett, Bickett Farms	John Martin, Martin Farms
Award	State Champion	2 nd Place, State	3 rd Place, State
Corn yield (bu/a)	274.05	256.32	253.41
County	Boone	Muhlenburg	Todd
Hybrid	Pioneer 31N28	Pioneer 33M54	Pioneer 33P67
Previous Crop	soybean	soybean	soybean
Planting Date	4/28	4/2	4/27
Seeds/Acre	30,500	32,000	32,500
Row Width (inches)	30	30	30
Harvest Date	10/10	8/29	10/12
Plants/Acre	30,000	32,000	30,000
Total N	240	250	189
Application method	split preplant, sidedress	at planting	split preplant, starter, sidedress
P₂O/acre	46	115	101
K₂O/acre	60	150	75
Other Fertilizer			0.375 lbs Zn
Herbicides	Touchdown, Bicep II Magnum, Callisto, Atrazine 4L	Steadfast, Atrazine	Aatrex, Roundup, Degree Xtra, Steadfast
Insecticides	Warrior	Warrior	Permethrin
Fungicides			Headline
Tillage	No-Till	Conventional	No-Till
Planter	Kinze 3500	JD 1770	JD 1770 NT
Harvester	Case IH 2366	JD 9660	JD 9650 STS

Farmer/Farm Name	Cundiff Farms	Joe Nichols, Seven Springs Farms	Steve Hunt	Brandon Hunt
Award	1 st Place, White Corn	2 nd Place, White Corn	Irrigated, 1 st Place	Irrigated, 2 nd Place
Corn yield (bu/a)	252.74	238.53	264.44	263.51
County	Trigg	Trigg	Christian	Christian
Hybrid	Pioneer 33V62	Pioneer 33V62	Pioneer 33P67	Pioneer 33Y45
Previous Crop	wheat/soybeans	soybeans	soybean	wheat/soybean
Planting Date	4/13	4/5	4/6	4/10
Seeds/Acre	28,000	33,500	33,600	34,500
Row Width (inches)	30	20	30	30
Harvest Date	9/21	9/21	9/27	9/27
Plants/Acre	27,000	32,000	33,000	33,500
Total N	200	214	244	244
Application method	Split preplant, sidedress	Split preplant, starter	split preplant, starter, sidedress	split preplant, starter, sidedress
P₂O/acre	102 (in 2004)	23	117	117
K₂O/acre	120 (in 2004)	0	110	100
Other Fertilizer			10 lbs Zn	10 lbs Zn
Herbicides	Steadfast, Callisto, Atrazine, Glystar Plus	Atrazine, Glyphosate, Prowl	Degree Extra, Steadfast	Degree Extra, Steadfast
Insecticides	Headline	Poncho 250	Regent, Warrior	Regent, Warrior
Fungicides	Headline	Headline	Headline	Headline
Tillage	Conventional Tillage F: deep ripper, S: Soil Finisher	Conventional Tillage F: deep ripper, S: Soil Finisher	No-Till	No-Till
Planter	Kinze 3700	JD DB60, 36 row, 20"	Kinze 3600	Kinze 3600 Twin Line
Harvester	JD 9860	JD 9760 STS	Case IH 2388	Case IH 2388

A = State Winner
 B = 2nd Place, State
 C = 3rd Place, State

D = White Corn, 1st Place
 E = White Corn, 2nd Place
 F = Irrigated, 1st Place
 G = Irrigated, 2nd Place

Planting Date	All entries	>220 bu/a	Winners
3/16-3/31	4	3	
4/1-4/15	50	26	BDEFG
4/16-4/31	20	10	AC
5/1-5/15	5	2	
5/16-5/31	1		

Harvest Date	All entries	>220 bu/a	Winners
8/16-8/31	5	2	B
9/1-9/15	17	8	
9/16-9/30	30	18	DFG
10/1-10/15	26	12	AC
10/16-10/31	6	2	
11/1-11/15	0		
11/16-11/30	1	1	

Seeding Rate	All entries	>220 bu/a	Winners
25,001 - 28,000	11	5	D
28,001 - 31,000	40	17	A
31,001 - 34,000	25	16	BCEF
34,001 - 37,000	6	5	G

Final Stand	All entries	>220 bu/a	Winners
21,001 - 24,000	3	1	
24,001 - 27,000	19	7	D
27,001 - 30,000	40	18	AC
30,001 - 33,000	19	15	BEF
33,001 - 36,000	2	2	G

Row Width	All entries	>220 bu/a	Winners
20	2	2	E
30	82	38	ABCDG
36	1		

Previous Crop	All entries	>220 bu/a	Winners
soybean	55	22	ABCEF
corn	15	7	
wheat/soybean	6	5	DG

Total N (lbs/a)	All entries	>220 bu/a	Winners
101-150	3	1	
151-200	40	20	CD
201-250	33	17	ABEFG
251-300	6	4	
300 or more	2	1	

N applications	All entries	>220 bu/a	Winners
split	39	20	ACDEFG
preplant only	39	19	B
sidedress only	6	3	

Total P (lbs/a)	All entries	>220 bu/a	Winners
50 or less	27	15	AE
51-100	29	8	
101-150	22	17	BCDFG
151 or more	6	3	

Total K (lbs/a)	All entries	>220 bu/a	Winners
50 or less	18	12	E
51-100	34	9	AC
101-150	24	18	BDFG
151 or more	8	4	

Other	All entries	>220 bu/a	Winners
Lime	1	1	
Zn	6	5	CFG
S	1	1	
S + Mg	5	3	
Green Flag	1	1	

Herbicides	All entries	>220 bu/a	Winners
Aatrex (Atrazine)	56	27	ABCDE
Accent	2	1	
Barrage	2	2	
Bicep II Magnum	11	3	A
Buccaneer Plus	3	1	
Callisto	10	7	AD
Celebrity Plus	5	1	
Cinch (ATZ)	4	3	
Degree (Extra)	12	7	CFG
Distinct	4	1	
Glyphomax Plus	1	1	
Glyphosate	2	2	E
Glystar Plus	2	2	D
Gramoxone	9	6	

Herbicides	All entries	>220 bu/a	Winners
Guardman (Max)	2		
Harness (Xtra)	3	2	
Keystone	2	2	
Lexar	8	5	
Lightning	4	2	
Lumax	7	3	
Princep	13	8	
Prowl	2	2	E
Roundup Brand	22	6	C
Steadfast	19	14	CDFG
Touchdown	8	2	

Insecticides	All entries	>220 bu/a	Winners
Capture	16	7	
Cruiser	2	1	
Kernel Guard			
Mustang	4	1	
Permethrin	1	1	C
Poncho 250	30	18	E
Pounce	1	1	
Regent	4	4	FG
Warrior	21	15	ABFG

Fungicides	All entries	>220 bu/a	Winners
Headline	16	10	CDEFG
Quilt	11	6	

Tillage	All entries	>220 bu/a	Winners
No-till	45	24	ACFG
Conv. Till	32	13	BD
F: Chisel Plow	1		
F: Chisel Plow, S: Field Cultivator x2	1		
F: Deep Ripper	2		
F: Deep Ripper, Disk, S: Disk	1		
F: Deep Ripper, DMI Crumpler	1	1	
F: Deep Ripper, Field Cult. Soil Finisher	2	2	
F: Deep Ripper, S: Disk	1	1	
F: Deep Ripper, S: Field Cultivator	2	1	
F: Deep Ripper, S: Field Cultivator x2	1	1	
F: Deep Ripper, S: Soil Finisher	4	3	DE
F: Disk, S: Disk	3	1	
F: Disk, S: Soil Finisher	2		
F: Disk, S; Field Cultivator	1		
F: Zone Builder	2	2	
S: Chisel Plow, Field Cultivator	2		
S: Disk x2	1	1	
S: Disk, Field Cultivator	2		
S: Disk, Soil Finisher	1		
S: Field Cultivator	3	1	
S: Rotary Hoe	1	1	
S: Soil Finisher	2		
S: Turbo Till	1	1	

F = Fall Tillage; S = Spring Tillage

Planter	All entries	>220 bu/a	Winners
John Deere 1750			
John Deere 1760			
John Deere 1770	11	9	BC
John Deere 1780	4	1	
John Deere 1790	3	2	
John Deere 24-row	1		
John Deere 7000	1		
John Deere 7200	4		
John Deere 7240			
John Deere DB60	2	2	E
Kinze	1		
Kinze 2000	1	1	
Kinze 2500	2	1	
Kinze 2600	6	2	
Kinze 3500	2	2	A
Kinze 3600	27	14	FG
Kinze 3650	3	1	
Kinze 3700	1	1	D
Kinze Black Machine	4	1	
White 5100	4	2	

Harvester	All entries	>220 bu/a	Winners
Case IH 1440	1	1	
Case IH 1460	3	1	
Case IH 1660	3		
Case IH 2188	3		
Case IH 2366	3	3	A
Case IH 2388	14	6	FG
CAT Lexion 570R	6	3	
Gleaner R75	1	1	
John Deere 4400	1		
John Deere 9400	1	1	
John Deere 9450	1		
John Deere 9500	3		
John Deere 9510	5	2	
John Deere 9600	1	1	
John Deere 9650	8	5	C
John Deere 9660	5	5	B
John Deere 9760	7	4	E
John Deere 9860	9	7	D
New Holland TR-86	3		

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.

Other Entries

Division	Yield, bu/a	Hybrid	Hybrid Name	Farmer/Farm Name	County	District
I	199.93	Pioneer	33P67	Darrell Hagan Farms	Daviess	3
I	199.64	Garst	8450IT	John Hurst	Nelson	4
I	198.42	Pioneer	31N27 RR	Joseph Sprague/Sprague Bros. Farm	Union	3
I	196.01	Pioneer	31G87	Lynn Coles, Oneida Baptist Institute	Clay	4
I	195.60	Pioneer	33P70	William Holbrook/Sprague Bros. Farm	Union	3
I	194.28	Asgrow	RX715RR2YGCB	George Sprague/Sprague Bros. Farm	Union	3
I	191.41	AgriGold		John Shackelford	Logan	4
I	190.40	DeKalb	C61-72 RR2	William Sprague/Sprague Bros. Farms	Union	3
I	188.64	Garst	8295YG1/RR	John Hurst	Nelson	4
I	182.85	Pioneer	31N27	Land O Nan Farms	Union	3
I	177.35	Pioneer	31N27 RR	Sprague Bros. Farms	Union	3
II	198.82	Pioneer	32D99	Land O Nan Farms	Union	3
II	197.16	Pioneer	33P66	S. David Miller	Hardin	4
II	193.94	Garst	8450IT	Carlos Tucker	LaRue	4
II	188.91	DeKalb	DKC63-81	Matt Mason	Union	3
III	180.45	Pioneer	32B10	PPJ Thompson Farms	Daviess	3

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.

Jack Crowner, Kentucky Agri-News Network,
sponsor of corn champion traveling trophy

Agri-Chem, Inc.
Crow's Hybrid Corn Co.
DuPont Crop Protection
Pioneer Hi-Bred, USA
Syngenta Crop Protection, United States
&
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