



2007

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/

2007 Kentucky Extension Corn Production Contest

SUMMARY OF ENTRIES

Number of Entries Completed	95
Number of Counties	22
Number of Different Hybrids	56
Number of Brands	10



STATE AWARDS

		County	Brand and Hybrid	Yield, Bu/A
Conventional and No-Tillage				
Champion	PPJ Thompson Farms	Daviess	DeKalb 6346	297.09
2 nd Place	Bickett Farms/Paul Bickett	Muhlenberg	Pioneer 31D61	291.58
3 rd Place	Castlen Brothers Farm/Phillip L. Castlen	Daviess	Pioneer 34P94	276.01
White Corn				
Champion	Horn Family Grain Farms/Tim Horn	Daviess	Pioneer 33V62	252.29
Irrigated Corn				
Champion	Griffith Farms/John Griffith	Graves	Great Lakes 6321G3	262.07
2 nd Place	Greenwell Bros. Farms/Randy Greenwell	Union	DeKalb 6166	259.68

DISTRICT AWARDS

		County	Brand and Hybrid	Yield, Bu/A
Conventional Tillage				
1	Neal Mathis	McCracken	Pioneer 31D61	264.91
2	Seven Springs Farms	Trigg	Pioneer 31P41	258.06
3	Darrell Hagan Farms	Daviess	Pioneer 33P70	274.84
4	Aaron Reding	Nelson	Pioneer 33M54	233.56
5	Maryview Farms	Mason	Garst 8353	176.18
6	Forrest Dunagan	Wayne	Syngenta NK70-C7	215.02
No-Till				
2	Martin Farms/John Martin	Todd	Pioneer 33N55	251.94
3	Monty Parrish	Henderson	Pioneer 33N58	259.96
4	J & D Farms	Logan	Mycogen 2J772	264.79
5	Schwenke Bros. Farm	Boone	Pioneer 33M57	159.53
6	Reynolds Farms/Mike Reynolds	Taylor	Pioneer 33M57	249.32

COUNTY AGENT AWARDS

Division	County Agent	County	District	Average Yield, Bu/A
Conventional Tillage	Clint Hardy	Daviess	3	271.90
No-Tillage	Clint Hardy	Daviess	3	282.64
White Corn	Rankin Powell	Union	3	244.41

NCGA NATIONAL CORN CONTEST WINNERS

A NO TILL/STRIP TILL NON-IRRIGATED

- 1st Place, Nation: PPJ Thompson Farms, Owensboro, KY, DEKALB, DKC63-46, 297.0972 bu/acre
 2nd Place, Nation: Castlen Bros. Farm, Owensboro, KY, Pioneer, 34P94, 275.9974 bu/acre

A NON-IRRIGATED

- 2nd Place, Nation: Paul Bickett, Central City, KY, Pioneer, 31D61, 291.5654 bu/acre
 3rd Place, Nation: Darrell Hagan, Whitesville, KY, Pioneer, 33P70, 274.8402 bu/acre

200 BUSHEL CLUB, (includes all winners)

	County	District	Brand and Hybrid	Yield, Bu/A
Conventional Tillage				
Bickett Farms/Paul Bickett	Muhlenberg	2	Pioneer 31D61	291.58
Bickett Farms/Paul Bickett	Muhlenberg	2	Pioneer 33Y45	289.97
Darrell Hagan Farms	Daviess	3	Pioneer 33P70	274.84
Flat Lick Farms/Bryan Kuegel	Daviess	3	AgriGold 6633	272.50
Darrell Hagan Farms	Daviess	3	Pioneer 33P70	268.46
Flat Lick Farms/Scott Kuegel	Daveiss	3	Pioneer 33P41	267.61
Neal Mathis	McCracken	1	Pioneer 31D61	264.91
Sparks Farms/Mark Sparks	Daviess	3	Syngenta NK71-R7	262.96
S & S Farms/Brian Shouse	Union	3	Crow's 7R432	260.45
Seven Springs Farms	Trigg	2	Pioneer 31P41	258.06
Albert Peterson	Nelson	4	Pioneer 33Y45	255.86**
Pride Farms	Union	3	Asgrow 715R	249.12
Keith Slayden	Hickman	1	Pioneer 33Y45	247.09
Sprague Brothers Farm/Joe Sprague	Union	3	DeKalb DKC64-76	245.88
S & S Farms/Brian Shouse	Union	3	Pioneer 33M57	245.29
Griffith Farms/Jerry Griffith	Graves	1	Great Lakes 6321BTRR	243.36
Sprague Bros. Farm/William R. Sprague	Union	3	AgriGold 6395	237.39
Land O Nan Farms	Union	3	Pioneer 31P41	236.13
Wayne Hunt	Christian	2	Pioneer 33Y44	234.31
Aaron Reding	Nelson	4	Pioneer 33M54	233.56
Leo Mattingly	Henderson	3	Great Lakes 6321G3	230.82
Dennis Clark	Graves	1	Pioneer 33P67	229.39
Obryan Grain Farms	Daviess	3	Wyfells 8171	225.57
Karl Dawson	Henderson	3	DeKalb 6346	223.12
Strode Farms	Daviess	3	Pioneer 33P70	218.43
Seven Springs Farms/Todd Nichols	Trigg	2	Pioneer 31P41	216.28
Herring Farms	Hopkins	2	Garst 8353	215.41
Land O Nan Farms	Union	3	Pioneer 33Y45	215.04
Forrest Dunagan	Wayne	6	Syngenta NK70-C7	215.02
Lawrence & Hyde Farms	Trigg	2	DeKalb 6346	214.59
Cecil Farms	Daviess	3	Garst 8452	212.98
Basham Farms/Danny Basham Jr.	Hopkins	2	Pioneer 33M53	212.64
Brandon Hunt	Christian	2	Croplan 6886	211.78
Sprague Brother Farms	Union	3	Crow's 4983	211.35
Elliot Farms	Henderson	3	DeKalb 6145	209.24
Forrest Dunagan	Wayne	6	SS 647	208.38
Sprague Bros. Farm/William R. Sprague	Union	3	Pioneer 33M58	205.28
John Mathis	Graves	1	Pioneer 31G68	202.16
No-Tillage				
PPJ Thompson Farms	Daviess	3	DeKalb 6346	297.09
Castlen Brothers Farm/Phillip L. Castlen	Daviess	3	Pioneer 34P94	276.01
Castlen Farms/Phillip L. Castlen	Daviess	3	Pioneer 34P94	274.87
PPJ Thompson Farms	Daviess	3	Pioneer 33M57	273.06
PPJ Thompson Farms	Daviess	3	Pioneer 33R81	272.45
J & D Farms	Logan	4	Mycogen 2J-772	264.79
Donald Poore	Clinton	6	Syngenta NK76-H2	262.95**
Castlen Brothers Farm/Phillip L. Castlen	Daviess	3	Pioneer 31P41	262.24
Monty Parrish	Henderson	3	Pioneer 33N58	259.96
Hayden Farms/Clint Hardy	Daviess	3	Pioneer 33Y44	259.88
Scott Keach	Henderson	3	Great Lakes 6321	255.09
Castlen Brother Farms	Daviess	3	Pioneer 31P41	253.93
Martin Farms/John Martin	Todd	2	Pioneer 33N55	251.94
Castlen Farms	Hancock	3	Pioneer 33K39	251.17
David Walker	Union	3	Pioneer 31D61	250.37
Reynolds Farms/Mike Reynolds	Taylor	6	Pioneer 33M57	249.32
David Walker	Union	3	DeKalb 6342	248.94
Albert Peterson	Nelson	4	Pioneer 31N27	248.64

Carlos Tucker	Larue	4	Garst 8353	247.73
Bickett Farms/Jim Bickett	Union	3	Pioneer 33M54	247.52
Howard Farms Inc./Marion C. Howard	Taylor	6	Pioneer 33M57	240.28
Williams Farms	Wayne	6	Pioneer 33N55	238.69
Martin Farms/John Martin	Todd	2	Pioneer 33M57	238.51
Burton Farms	Wayne	6	Pioneer 33N56	233.87
David Walker	Union	3	AgriGold 96594BT	233.07
Leo Mattingly	Henderson	3	Great Lakes 6430BTRR	230.13
Williams Farms	Wayne	6	Syngenta NK70-C7	229.56
Burton Farms	Wayne	6	Pioneer 31D58	227.04
Williams Farms	Wayne	6	DeKalb 6145	226.63
Castlen Brother Farms	Daviess	3	Garst 8350	225.99
Knott Farms	Daviess	3	AgriGold 6395	221.75
Mike Smedley & Nick Cooley	Wayne	6	DeKalb 6145	215.07
Bickett Farms/Jim Bickett	Union	3	Pioneer 34A17	212.45
K & K Farms	Wayne	6	DeKalb 6971	209.67
Land O Nan Farms	Union	3	Pioneer 33N56	207.23
Chad Pierce	Pulaski	3	Garst 8295	200.87

White Corn

Horn Family Grain Farms/Tim Horn	Daviess	3	Pioneer 33V62	256.78
Willord Greenwell & Sons Farm	Union	3	Pioneer 33G58	247.50
Running T Farms/Tim Thomas	Union	3	Pioneer 32B10	245.49
PPJ Thompson Farms	Daviess	3	Pioneer 32R38	242.89
Running T Farms	Union	3	Pioneer 32B10	239.34
Darrell Hagan	Daviess	3	Pioneer 33V62	233.88
Miles Farm, LLC	McClellan	3	Pioneer 32B10	213.37

Irrigated Corn

Griffith Farms/John Griffith	Graves	1	Great Lakes 6321G3	262.07
Randy Greenwell	Union	3	Dekalb 6166	259.68
Griffith Farms/Patty Griffith	Graves	1	Great Lakes 6321BtRR	249.47
Steve Hunt	Christian	2	Pioneer 31N30	246.66
Griffith Farms/Jacob Griffith	Graves	1	Pioneer 33M57	240.93
Griffith Farms/Reba Griffith	Graves	1	Great Lakes 6321BtRR	240.79
Wayne Hunt	Christian	2	Pioneer 33Y44	234.31
Greenwell Bros. Farm/Neel Greenwell	Union	3	DeKalb 6339	229.51
Obryan Grain Farms	Daviess	3	Pioneer 34A17	225.11
Darrin Hunt	Christian	2	Pioneer 31G71	218.92
Brandon Hunt	Christian	2	Croplan 6886	211.78
Griffith Farms/Jack Griffith	Graves	1	DeKalb 6346	201.26

OTHER ENTRIES

	County	District	Brand and Hybrid	Yield, Bu/A
Conventional Tillage				
Mayview Farms	Mason	5	Garst 8353	176.18
No-Tillage				
Schwenke Brothers Farm	Boone	5	Pioneer 33M57	159.53
Windy Hills Farm	Wayne	6	DeKalb 6381	121.24
White Corn				
Warren Dunn	Carlisle	1	Pioneer 33G58	183.67

SUMMARY OF CULTURAL PRACTICES
(Compiled from the form completed with each entry.)

Date Planted	All Entries	>220 bu/ac	Winners
03/16 - 03/31	1	0	
04/01 - 04/15	18	13	D
04/16 - 04/31	54	40	ABCEF
05/01 - 05/15	6	2	

Date Harvested	All Entries	>220 bu/ac	Winners
8/16 - 8/31	16	12	E
9/1 - 9/15	33	25	ABCF
9/16 - 9/30	31	20	D
10/01 - 10/15	10	10	
10/16 - 10/31	2	2	
11/01 - 11/15	1	0	

Seeding Rate (seeds/acre)	All Entries	>220 bu/ac	Winners
25,001 - 28,000	10	6	
28,001 - 31,000	41	27	DF
31,001 - 34,000	30	18	ABC
34,001 - 37,000	8	4	
37,000 or more	6	5	E

Final Stand (plants/acre)	All Entries	>220 bu/ac	Winners
21,001 - 24,000	6	3	
24,001 - 27,000	20	14	F
27,001 - 30,000	37	29	BCD
30,001 - 33,000	20	11	
33,001 - 36,000	6	5	A
33,001 - 36,000	6	5	E

Row Width	All Entries	>220 bu/ac	Winners
15 inches	1	1	
20 inches	2	1	
30 inches	91	67	ABCDEF
38 inches	1	0	

Previous Crop	All Entries	>220 bu/ac	Winners
Soybean	36	27	AD
Corn	30	21	BEF
Wheat/Soybean	4	3	
Grass/Sod	3	2	
Tobacco	1	0	

Total N (lbs/acre)	All Entries	>220 bu/ac	Winners
None	3	0	
101 - 150	5	5	
151 - 200	45	30	ADE
201 - 250	32	26	CF
251 - 300	10	8	B

N Applications	All Entries	>220 bu/ac	Winners
Split Application	37	26	
Preplant	45	11	BCDEF
Sidedress Only	7	5	A
Zn	2	2	

Total P (lbs P ₂ O/acre)	All Entries	>220 bu/ac	Winners
none	22	16	AF
50 or less	6	3	
51 - 100	34	22	D
101 - 150	23	19	BC
151 or more	8	7	E

Total K (lbs K ₂ O/acre)	All Entries	>220 bu/ac	Winners
none	16	11	AF
50 or less	2	2	
51 - 100	31	18	
101 - 150	34	28	BCD
151 or more	9	8	E

Other	All Entries	>220 bu/ac	Winners
Chicken Litter	7	6	
Green Flag	2	2	
Zn	6	4	

***Explanation of Entries**

- 95 = Total Number of Entries
- (68) = 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
- F = 2nd Place Irrigated State

Herbicides	All Entries	>220 bu/ac	Winners
2,4-D			
Aatrex (Atrazine)	47	34	ACF
Bucaneer Plus	1	1	
Bicep II Magnum	1	1	
Callisto	2	0	
Celebrity Plus	6	5	D
Credit (Extra)	3	3	
Define	1	0	
Degree (Extra)	17	10	EF
Distinct	1	0	
Equip	1	0	
Gramoxone	15	12	C
Guardsman (Max)	1	1	D
Harness (Xtra)	17	15	
Lexar	16	14	ABC
Lumax	5	5	
Medal II AT	1	1	
MVA Gro Safner	1	1	
Northstar	1	0	
Princep (Simazine)	7	5	
Resolve	1	1	
Roundup Brand	40	26	EF
Simazate	7	4	
SteadFast	14	9	B
Touchdown	8	8	A

Insecticide	All Entries	>220 bu/ac	Winners
Amplify	7	6	E
Capture	17	14	AC
Cruiser	5	3	
Hero	6	3	
Kernel Guard	6	5	
Latitude	1	0	
Mustang	10	9	E
Poncho	42	36	BCDEF
Regent	3	1	
Warrior	14	10	BC

Fungicide	All Entries	>220 bu/ac	Winners
Apron	4	2	
Headline	15	10	B
Quilt	12	8	E

Tillage	All Entries	>220 bu/ac	Winners	Tillage	All Entries	>220 bu/ac	Winners
No-Till	35	29	AC	S: Disk 1x	3	1	
Conventional Tillage	6	6		S: Disk 2x	2	1	
F: Chisel; S: Disk 2x	2	0		S: Disk 3x	1	0	
F: Deep Rip; S : Disc 2x, C-shank	1	0		S: Field Cultivator	7	3	D
F: Deep Rip, Disk, C-shank	1	1		S: Turbo-Till	5	4	F
F: Deep Rip; S: Disk 2x	1	0		S: Field Cultivator 2x	5	5	B
F: Deep Rip; S: Field Cultiv.	3	2		S: Mulch Finisher	2	2	
F: Deep Rip; S: Mulch Finish.	1	0					
F: Disk; S: Disk, Turbo Till	1	1					
F: Disk; S: C-shank	3	1					
F: Disk; S: Disk	3	2					
F: Disk; S: Field Cultv.	1	1					
F: Disk; S: Mulch Finish	1	1					
F: Plow; S: Field Cultivator 2x	1	1					

F = Fall Tillage; S = Spring Tillage

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- E = 1st Place Irrigated State
- F = 2nd Place Irrigated State

Planter	All Entries	>220 bu/ac	Winners
Black Machine	4	1	
Case IH 800	1	1	
John Deere	2	1	
John Deere DB60	2	1	
John Deere 1560	1	1	
John Deere 1750	3	3	
John Deere 1760	3	3	A
John Deere 1770	7	7	BF
John Deere 1780	2	2	
John Deere 1790	5	4	
John Deere 7000	3	1	
John Deere 7200	2	2	
Kinze	3	0	
Kinze 2210	1	1	
Kinze 2500	1	0	
Kinze 2600	15	9	C
Kinze 3500	3	2	
Kinze 3600	19	14	DE
Kinze 3650	5	5	
Kinze 3700	2	1	
White 6100	1	1	

Harvester	All Entries	>220 bu/ac	Winners
Case IH 1460	2	2	
Case IH 1640	2	0	
Case IH 2366	1	0	
Case IH 2188	1	0	
Case IH 2388	10	9	D
Case IH 2588	4	2	
Case IH 8010	4	2	
CAT Lexion 570R	6	5	E
John Deere 3300	1	0	
John Deere 7720	2	0	
John Deere 9500	5	5	
John Deere 9560	8	8	A
John Deere 9600	2	2	
John Deere 9650	6	4	
John Deere 9660	4	4	
John Deere 9750	3	1	
John Deere 9760	17	15	CF
John Deere 9860	6	6	B
New Holland CR-960	1	1	
New Holland TR-86	1	1	
New Holland TR-98	1	0	
New Holland TR-99	2	2	
Massey Ferg. 750	1	1	

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- E = 1st Place Irrigated State
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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 STATE WINNERS CULTURAL PRACTICES

	PPJ Thompson Farms	Bickett Farms/ Paul Bickett	Castlen Brothers Farm/ Phillip L. Castlen
Award	Champion Conv. & No-Till	2 nd place	3 rd Place
Corn Yield (Bu/A)	297.09	291.58	276.01
County	Daviess	Muhlenberg	Daviess
Hybrid	DeKalb 6346	Pioneer 31D61	Pioneer 34P94
Previous Crop	Soybeans	Corn	Soybeans
Planting Date	4/18/2007	4/20/2007	4/17/2007
Seeds/Acre	34,000	32,000	32,000
Row Width (inches)	30	30	30
Harvest Date	9/11/2007	9/13/2007	9/14/2007
Plants/Acre	34,000	30,000	29,500
Total N	200	265	245
Application Method	Sidedress only	Preplant	Preplant
P2O/Acre	0	115	115
K20/Acre	0	150	150
Herbicides	Aatrex Lexar Touchdown	Lexar Steadfast	Aatrex Lexar Gramoxone
Insecticides	Capture	Warrior Poncho 250	Warrior Capture Poncho 250
Fungicides	None	Headline	None
Tillage	No-till	Spring: Field Cultivator 2x	No-till
Planter	John Deere 1760	John Deere 1770	Kinze 2600
Harvester	John Deere 9560 STS	John Deere 9860 STS	John Deere 9760 STS

	Horn Family Grain Farms/ Tim Horn	Griffith Farms/ John Griffith	Greenwell Bros Farms/ Randy Greenwell
Award	Champion White Corn	Champion Irrigated Corn	2 nd Place Irrigated Corn
Corn Yield (Bu/A)	252.29	262.07	259.68
County	Daviess	Graves	Union
Hybrid	Pioneer 33V62	Great Lakes 6321G3	DeKalb 6166
Previous Crop	Soybeans	Corn	Corn
Planting Date	4/9/2007	4/23/2007	4/16/2007
Seeds/Acre	29,000	40,000	31,000
Row Width (inches)	30	30	30
Harvest Date	9/19/2007	8/28/2007	9/4/2007
Plants/Acre	38,500	40,000	26,000
Total N	200	200	225
Application Method	Preplant	Preplant	Preplant
P2O/Acre	92	200	None
K20/Acre	120	200	None
Herbicides	Guardsman Max Celebrity Plus	Roundup Degree	Aatrzine Degree Roundup
Insecticides	None	Mustang Ampligy Poncho 250	Poncho 250
Fungicides	None	Quilt	None
Tillage	Spring: Field Cultivator 1x	Strip Tillage	Spring: Turbo Till
Planter	Kinze 3600	Kinze 3600	John Deere 1770
Harvester	Case IH 2388	CAT Lexion 570R	John Deere 9760

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 champion traveling trophy

&

Kentucky Corn Growers Association