



2009

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/

Presented: January 22, 2010

Kentucky Commodity Conference Awards Banquet

Traveling Trophy, Overall High Yield: Jack Crowner
Traveling Trophy, White Corn: Pioneer Hi-Bred, A DuPont Business

SUMMARY OF ENTRIES, 2009 CONTEST

Number of Entries Completed	87
Number of Counties	17
Number of Different Hybrids	41
Number of Different Brands	10



I. State Awards

Divisions I and II (Conventional and No-Tillage, non-irrigated)

	Farmer/Farm	County	Brand	Hybrid	Yield, Bu/A	Tillage
Champion	Marcus Huffman	Logan	DeKalb	DKC63-42	295.56	No-Till
2nd Place	Paul Bickett / Bickett Farms	McLean	Pioneer	31P42	268.58	Conv/Min
3rd Place	PPJ Thompson Farms	Daviess	Pioneer	31D59	263.75	No-Till

Division III, White Corn

	Farmer/Farm	County	Brand	Hybrid	Yield, Bu/A
Champion, White Corn	Cundiff Farms	Trigg	Pioneer	32B10	268.94

Division IV, Irrigated Corn

	Farmer/Farm	County	Brand	Hybrid	Yield, Bu/A
Champion, Irrigated Corn	Joel B. Armistead	Logan	DeKalb	DKC63-14	284.50

II. District Awards

Division I, Conventional Tillage

Region	Farmer/Farm	County	Brand	Hybrid	Yield, Bu/A
1	Jerry Griffith	Graves	DeKalb	DKC6254	258.22
3	Darrell Hagan	Daviess	Pioneer	31D59	259.77
4	Jerry Hardesty	Breckinridge			252.09
6	Donnie Poore/Cash Farm	Cumberland	Beck's	6733	260.24

Division II, No-Tillage

Region	Brand	County	Hybrid	Farmer	Yield, Bu/A
1	Hopper Farms, Jeremy Hopper	Fulton	Pioneer	31D59	253.78
2	Frank Orndorff	Logan	DeKalb	6314	222.68
3	Castlen Bros. Farms	Daviess	Pioneer	32N73	259.64
4	Donny Veatch	Marion	Bio Gene	83V08	234.13
5	Kevin M. Smith	Shelby	Wyffels	7387	259.74
6	Williams Farms	Wayne	Northrup King	N72Q	254.14

County Awards, Given to County With Highest Average of Top Three Yields

Division	County	Agent	Highest Average, Bu/A
Conv/Min Till	Daviess	Clint Hardy	253.73
No-Till	Daviess	Clint Hardy	261.96
White Corn	Trigg	David Fourqurean	261.84
Irrigated	Logan	Chris Milam	277.89

Other Counties with at Least Three Entries

Division	County	Agent	Highest Average, Bu/A
Conv/Min Till	Union	Rankin Powell	228.70
Conv/Min Till	Fulton	Cam Kenimer	201.38
No-Till	Wayne	Glenn Roberts	253.71
No-Till	Logan	Chris Milam	252.68
No-Till	Union	Rankin Powell	234.58
No-Till	Marion	George McCain	226.11
White Corn	Union	Rankin Powell	233.11
Irrigated	Christian	Jay Stone	253.57
Irrigated	Marion	George McCain	250.72

Highest average is the average of the top three yields in a county.

2009 STATE CHAMPIONS, PRODUCTION PRACTICES					
	Non-Irrigated, State Champion	Non-Irrigated, 2 nd Place	Non-Irrigated, 3 rd Place	White Corn, Champion	Irrigated Corn, Champion
Name	Marcus Huffman	Paul Bickett / Bickett Farms	PPJ Thompson Farms	Cundiff Farms	Joel Armistead
Yield, Bu/A	295.56	268.58	263.75	268.94	284.50
Hybrid	DeKalb DKC63-42	Pioneer 31P42	Pioneer 31D59	Pioneer 32B10	DeKalb DKC63-14
County	Logan	McLean	Daviess	Trigg	Logan
Planting Date	4/23	4/18	4/23	5/10	
Row Width	30	30	30	30	30
Seeding Rate	38,000	32,500	39,000	31,500	38,000
Final Stand	36,000	32,000	36,500	29,000	34,700
Prev. Crop	soybean	corn	soybeans	soybeans	wheat/soybeans
pH	6.7		6.5	6.5	6.7
N	280	250	190	178	346
P₂O₅	100	115	0	60	32
K₂O	80	150	0	60	32
N Timing	split	preplant only	split	split	split
Manure			swine manure		
Seed Treatment	Poncho 250	Cruiser 500	Cruiser		
Herbicides	Valor, Glyphosate, Degree, Atrazine, Status, Glyphosate	Steadfast, Lexar	Lexar, Atrazine, Gramoxone	Status, Gaurdsman Max	Roundup PowerMax, Valor, 2,4-D, Atrazine, Roundup WeatherMax, Degree Xtra
Insecticides	Baythroid		Capture	Warrior	Grizzly, Hero
Fungicides	Stratego	Quilt	Quilt	Headline	
Tillage	No-Till	ripper, cultivator	no-till	F: ripper; S: harrow	F: disk, cover crop
Attachments	Row cleaner, seed firmer, spike/solid closer		Martin floating cleaner, Keeton seed firmer, spike closer, drag chains		
Planter	Kinze 3600	John Deere 1770	John Deere 1760	Kinze	Kinze 2600
Harvester	John Deere 9670	John Deere 9870	John Deere 9870	John Deere 9870	CAT Lexion 570R

PAST KENTUCKY CHAMPIONS, Non-Irrigated

Year	Grower/Farm	Bu/A	Year	Grower/Farm	Bu/A	Year	Grower/Farm	Bu/A
1981	Barton Brothers	213.17	1991	James C. Bickett	214.74	2001	David W. Hatton	294.18
1982	Marion Howard	249.51	1992	Schwenke Brothers	243.72	2002	Peterson Dairy Farms	231.51
1983	Ollis Popplewell	186.60	1993	James C. Bickett	217.88	2003	Schwenke Brothers	296.94
1984	Steve Carraway	216.25	1994	Schwenke Brothers	255.47	2004	Schwenke Brothers	291.40
1985	Fall Creek Farms	224.31	1995	Tom Howard	220.18	2005	Martin Farms	251.83
1986	David Robinson	212.69	1996	Sexton Bros. & Cooley	245.94	2006	Schwenke Brothers	274.04
1987	Gary and Mike Smith	208.32	1997	David Weatherly	239.27	2007	PPJ Thompson Farms	297.09
1988	Leon and Steven Terry	200.05	1998	David W. Hatton	260.62	2008	Joe Nichols/7 Springs Farms	290.30
1989	Eddie Voils	216.59	1999	Bickett Farms	247.73	2009	Marcus Huffman	295.56
1990	Steve Carraway	246.97	2000	David Peterson	252.27			

2009 Conventional/Minimum Till, District Winners, Production Practices						
	1	2	3	4	5	6
Name	Jerry Griffith		Darrell Hagan	Jerry Hardesty		Donnie Poore/ Cash Farm
Yield, Bu/A	258.22		259.77	252.09		260.24
Hybrid	DeKalb 62-54		Pioneer 31D59	Seed Co. 11HQ38		Beck's 6733
County	Graves		Daviess	Breckinridge		Cumberland
Plant. Date	4/23		4/17	4/11		5/25
Row Width	30		30	30		30
Seeds/A	41000		38500	36000		34000
Prev. Crop	corn		soybeans	soybeans		soybeans
pH	6.5		6.5	6.6		6.5
N	200		300	42		300
P ₂ O ₅	150		115	0		250
K ₂ O	150		150	0		250
N timing	preplant		preplant	split		split
Manure						
Seed Trt			Cruiser	Cruiser		
Herbicides	Degree Xtra, Atrazine, Roundup WeatherMax, Valor		Atrazine, Princep	Touchdown, Bicep, Atrazine		Simizat, Status
Insecticides	Tombstone					
Fungicides						
Tillage	F: Ripper		S: fld cult. 1x	min-till		Ripper
Planter	K 3600 Twinline		Kinze 3650	CIH 800		Kinze 2300
Harvester	CAT 570R		JD 9570	JD 9600		NH TR86

2009 No-Till, District Winners, Production Practices						
	1	2	3	4	5	6
Name	Hopper Farms, Jeremy Hopper	Frank Orndorff	Castlen Bros. Farms	Donny Veatch	Kevin M. Smith	Williams Farms
Yield, Bu/A	253.78	222.68	259.64	234.13	259.74	254.14
Hybrid	Pioneer 31D59	DeKalb 63-14	Pioneer 32N73	Bio Gene 83V08	Wyffels 7387	NK Brand N72Q
County	Fulton	Logan	Daviess	Marion	Shelby	Wayne
Plant. Date	4/23	4/19	4/17	5/21	4/26	4/27
Row Width	20	30	30	30	20	30
Seeds/A	38,000	30,500	33,000	31,000	34,000	30,000
Prev. Crop	soybeans	soybeans	soybeans	soybeans	soybeans	wheat/soybeans
pH	6.4		6.5	6.5	6.5	6.5
N	212		180	190	180	150
P ₂ O ₅	0	0	80	0	0	0
K ₂ O	0	0	105	0	0	0
N timing	split	split	preplant	split	preplant	split
Manure						chicken litter
Seed Trt		Poncho	Poncho 250		Poncho 250	Crusier
Herbicides	Lexar, Roundup	Valor, Degree Xtra, Roundup, Status	Lexar, Spirit	Lexar, Roundup	Degree, Atrazine, Roundup	Parallel, Firestorm, Liberty
Insecticides	Lambda		Capture		Warrior II	
Fungicides	Headline				Quilt	
No-Till, yrs	5	1	20		5	15
No Till Equipment			row cleaner, seed firmer, row closer	row cleaner	no-till coultter	wave coultter, row cleaner, seed firmer, row closers
Planter	Kinze 3700	Kinze 2200	JD 1760	CIH 955	Kinze 3700	JD 1750
Harvester	CIH 8120	CIH 6600	JD 9770 STS	CIH 1640	JD 9600	JD 9500

SUMMARY OF CULTURAL PRACTICES, 2009 CORN CONTEST

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

	Planting Date	Seeding Rate seeds/A	Final Stand plants/A	Row Width inches	Soil pH	Years in No-Till
Average	4/27	33,163	30,646	29	6.5	10
Median	4/25	32,500	30,000	30	6.5	10
Range	47	22,125	14,000	10	1.4	23
Latest/Maximum	5/28	43,800	39,000	30	7.5	25
Earliest/Minimum	4/11	21,675	25,000	20	6.1	2

	Total N applied lbs/A	Total P ₂ O ₅ lbs/A	Total K ₂ O lbs/A		N Timing no. of entries
Average†	213	57	72	Split Apps.	51
Median‡	204	60	60	Preplant Only	33
Range	304	250	300	Sidedress Only	3
Maximum	346	250	300		
Minimum	42	0	0		

† Average is the sum of all values divided by the total number of entries.

‡ Median is the middle value.

Corn Hybrids Used

Corn Brand		Corn Brand		Corn Brand	
AgriGold	A6399	DeKalb	DKC65-44VT3	Pioneer	33D49
AgriGold	A6474	DeKalb	DKC65-63	Pioneer	33F12
AgriGold	A6622VT3	NK Brand	N73V3000GT	Pioneer	33F85
AgriGold	A6633VT3	NK Brand	N72Q	Pioneer	33F87
Beck's	6733RR	Pioneer	31D59	Pioneer	33F88
Beck's	6733HXR	Pioneer	31N27	Pioneer	33G58
Bio Gene	83V08	Pioneer	31N30	Pioneer	33N56
Cropland Genetics	7505	Pioneer	31P42	Pioneer	33N58
Crows	4799	Pioneer	31P44	Pioneer	34F96
Crows	4727VT3	Pioneer	32B10	Seed Consultants	11HQ38
DeKalb	DKC42-51	Pioneer	32D79	Wyffels	7387
DeKalb	DKC62-54	Pioneer	32N73	Wyffels	9121
DeKalb	DKC63-14	Pioneer	32N89	Wyffels	W7381
DeKalb	DKC63-42	Pioneer	33B10		

Soil Types in Fields and Agrochemicals Used

Soil Type	Herbicide	Herbicide	Seed Trt
Belknap	2,4-D	Lexar	Cruiser/Cruiser500
Collins	Aatrex/Atrazine	Liberty	Poncho/Poncho250
Crider	Accent	Lumax	
Elk	Bicep	Parallel (metolachlor)	Insecticide
Elk/Newark	Bicep II Magnum	Princep	Capture
Falaya	Callisto	Prowl	Grizzly
Grenada	Conerstone (glyphosate)	Resolve Q	Hero
Huntington	Credit Xtra (glyphosate)	Roundup	Lambda
Loriny, Grenada	Degree	Roundup Powermax	Mustang Max
Memphis	Degree Extra	Simizat (simazine)	Tombstone
Mount View	Firestrom	Spirit	Warrior
Newark	Glyphosate	Status	
Nolin/Elk	Gramoxone	Steadfast	Fungicide
Patton	Guardzman	Touchdown (glyphosate)	Headline
Pembroke	Guardzman Max	Traxion (glyphosate)	Quilt
Pembroke, Nolin, Elkin	Harness Xtra	Valor	
Shelby	Helasate (glyphosate)	Weedone 638	
Waverly	Ignite		

SUMMARY OF CULTURAL PRACTICES, CONTINUED

Tillage Practices (for tillage entries) and Planters and Harvesters Used

<p>Tillage Practices F,S: turbo till F: disc; S: cultivator F: disk ripper; S: disk harrow F: disk, cover crop F: in-line ripper F: ripper; S: harrow minimum till ripper, cultivator ripper, turbo-till S: disk S: fld cultivator 1x S: turbo till</p>	<p>Planter Black Machine 12 Kinze 2200 Case IH 1200 Kinze 2300 Case IH 1250 Kinze 2600 Case IH 800 Kinze 3500 Case IH 955 Kinze 3600 JD DB60, 36 Row, 20" Kinze 3600 Twin-Line John Deere 1750 Kinze 3650 John Deere 1760 Kinze 3700 John Deere 1770 Kinze 8000 John Deere 1780 John Deere 1790 CCS John Deere 7000 John Deere DB60</p>	<p>Harvester Case IH 1640 John Deere 9570 Case IH 2166 John Deere 9600 Case IH 2188 John Deere 9660 Case IH 2366 John Deere 9670 Case IH 2388 John Deere 9750 Case IH 6600 John Deere 9760 Case IH 7010 John Deere 9770 / STS Case IH 8120 John Deere 9860 CAT Lexion 570R John Deere 9870 CAT Lexion 595 Massey Ferguson 750 John Deere 7720 Massey Ferguson 9690 John Deere 9500 New Holland TR86 John Deere 9510 New Holland TR99 John Deere 9560</p>
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250 Bushel Club

Grower/Farm	County	Division	District	Corn Brand	Yield, bu/A
Marcus Huffman	Logan	No-Till	2	DeKalb DKC63-42	295.56
Joel B. Armistead	Logan	Irrigated	2	DeKalb DKC63-14	284.50
Joel B. Armistead	Logan	Irrigated	2	DeKalb DKC63-42	275.65
Joel B. Armistead	Logan	Irrigated	2	DeKalb DKC65-44VT3	273.53
Cundiff Farms	Trigg	White Corn	2	Pioneer 32B10	268.94
Paul Bickett / Bickett Farms	McLean	Conv/Min Till	3	Pioneer 31P42	268.58
PPJ Thompson Farms	Daviess	No-Till	3	Pioneer 31D59	263.75
PPJ Thompson Farms	Daviess	No-Till	3	Beck's 6733HXR	262.50
Cundiff Farms	Trigg	White Corn	2	Pioneer 32B10	260.82
Brandon Hunt	Christian	Irrigated	2	Pioneer 33F85	260.77
Donnie Poore/Cash Farm	Cumberland	Conv/Min Till	6	Beck's 6733	260.24
Darrell Hagan	Daviess	Conv/Min Till	3	Pioneer 31D59	259.77
Kevin M. Smith	Shelby	No-Till	5	Wyffels 7387	259.74
Castlen Bros. Farms	Daviess	No-Till	3	Pioneer 32N73	259.64
Jerry Griffith	Graves	Conv/Min Till	1	DeKalb DKC6254	258.22
Peterson Farms	Marion	Irrigated	4	Pioneer	257.35
John Griffith	Graves	Conv/Min Till	1	Pioneer 33N58	256.14
Cundiff Farms	Trigg	White Corn	2	Pioneer 32B10	255.75
Darrell Hagan	Daviess	Conv/Min Till	3	Pioneer 31P44	255.32
Williams Farms	Wayne	No-Till	6	Northrup King N72Q	254.14
Burton Farms	Wayne	No-Till	5	Pioneer 33N58	253.91
Hopper Farms, Jeremy Hopper	Fulton	No-Till	1	Pioneer 31D59	253.78
Williams Farms	Wayne	No-Till	6	Pioneer 33F87	253.09
Jim Bickett, Jr.	Union	No-Till	6	Pioneer 31P42	252.30
Jerry Hardesty	Breckinridge	Conv/Min Till	4	Seed Consultants 11HQ38	252.09
Cundiff Farms	Trigg	White Corn	2	Pioneer 33G58	252.04
Steve Hunt	Christian	Irrigated	2	Pioneer 31N30	251.69
Hubert Beyke & Sons	Daviess	White Corn	3	Pioneer 32B10	251.41
Burton Farms	Wayne	No-Till	5	Pioneer 33N58	250.19

Other Entries						
Grower/Farm	County	Division	District	Brand	Hybrid	Yield, bu/A
Peterson Farms	Marion	Irrigated	4	Pioneer	31N27	249.58
PPJ Thompson Farms	Daviess	No-Till	3	Pioneer	31P42	249.56
Wayne Hunt	Christian	Irrigated	2	Dekalb	DKC63-14	248.26
Darrin Hunt	Christian	Irrigated	2	Pioneer	33F85	248.06
PPJ Thompson Farms	Daviess	No-Till	3	NK Brand	N73V3000GT	246.65
Obryan Grain Farms	Daviess	Conv/Min Till	3	Pioneer	31D59	246.09
Phillip Meredith	Henderson	Conv/Min Till	3	Pioneer	31P42	245.76
Peterson Farms	Marion	Irrigated	4	Pioneer	31N27	245.24
Mark Litzinger	Mason	No-Till	5	Cropland Gen.	7505	244.05
Seven Springs, Joe Nichols	Trigg	White Corn	2	Pioneer	32B10	242.85
Williams Farms	Wayne	No-Till	6	NK Brand	N72Q	242.37
Peterson Farms	Marion	Irrigated	4	Pioneer		241.84
Joel B. Armistead	Logan	Irrigated	2	Pioneer	31D59	241.56
Mark Sparks	Daviess	Conv/Min Till	3	Pioneer	31P44	240.38
Dusty Feather Farms	Shelby	No-Till	5	DeKalb	6544	240.17
Running T, Tim Thomas	Union	White Corn	3	Pioneer	33B10	240.16
Running T, Tim Thomas	Union	White Corn	3	Pioneer	33B10	239.80
Double M Farm	Logan	No-Till	6			239.80
Seven Springs, Michael Oliver	Trigg	White Corn	2	Pioneer	32B10	239.32
Paul Scherm	Daviess	Conv/Min Till	3	Agrigold	A6622VT3	239.10
Seven Springs, Todd Nichols	Trigg	White Corn	2	Pioneer	32B10	239.07
Donnie Greenwell	Union	Conv/Min Till	6	DeKalb	4251	239.04
Shane Wells	Butler	Conv/Min Till	4	DeKalb	DKC63-42	238.73
Jerry Obryan	Daviess	Irrigated	3	Wyffels	9121	237.32
Schwenke Farms	Boone	Conv/Min Till	5	Pioneer	33F88	236.98
Russell and Bob Schwenke	Boone	Conv/Min Till	5	Pioneer	33F88	236.90
Burton Farms	Wayne	No-Till	5	Pioneer	32D79	235.68
Donny Veatch	Marion	No-Till	4	Bio Gene	83V08	234.13
Williams Farms	Wayne	No-Till	6	Pioneer	34F96	233.69
Cundiff Farms	Trigg	White Corn	2	Pioneer	33G58	232.95
Larry McKinley Farms	Wayne	No-Till	6	Pioneer	34F96	231.51
Mike Lucas	Breckinridge	No-Till	4	Seed Consult.	SCSLiHQ38	231.35
Mark Sparks	Daviess	Conv/Min Till	3	Beck's	6733HXR	231.11
Peterson Farms	Marion	No-Till	4	Pioneer	32N89	228.55
Bobby Glenn	Daviess	Conv/Min Till	3	Pioneer	31D59	227.85
Castlen Bros. Farms	Daviess	No-Till	3	Pioneer	33D49	226.76
Joseph W. Sprague	Union	Conv/Min Till	3	DeKalb	C63-42	226.48
Jim Bickett, Jr.	Union	No-Till	6	Pioneer	31D59	226.29
Miles Farms	Logan	Conv/Min Till	3	Pioneer	33F88	226.20
Jim Bickett, Jr.	Union	No-Till	6	Pioneer	31P42	225.17
Danny Basham	Hopkins	Conv/Min Till	3	DeKalb	DKC63-42	222.77
Frank Orndorff	Logan	No-Till	2	DeKalb	6314	222.68
Castlen Bros. Farms	Daviess	No-Till	3	Pioneer	32N73	222.22
Jamie Hardesty	Breckinridge	Conv/Min Till	4	DeKalb	63-42	221.98
Joseph W. Sprague	Union	Conv/Min Till	3	Pioneer	33N56	220.58
David Lusk, Lusk Farms	Fulton	No-Till	1	DeKalb	DKL65-63	220.44
Waller Brothers	Union	White Corn	3	Pioneer	33F12	219.38
PPJ Thompson Farms	Daviess	No-Till	3	AgriGold	A6633VT3	218.61
Karl Dawson	Henderson	No-Till	3	DeKalb	DKC65-44	217.91
Daniel Lusk, Lusk Farms	Fulton	Conv/Min Till	1	Crows	4799	216.00
Jim Bickett, Jr.	Union	Conv/Min Till	6	Pioneer	31D59	215.86
Joe Robert Buckman	Marion	No-Till	5	Pioneer	32N89	215.66
Double M Farm	Logan	No-Till	6			213.05
Kevin Hardy	Daviess	No-Till	3	Agrigold	A6633VT3	204.30
William R. Sprague	Union	Conv/Min Till	3	Crows	4727VT3	199.69
Taylor Moss	Fulton	Conv/Min Till	1	Pioneer	32N89	199.16
George Sprague	Union	Conv/Min Till	3	Agrigold	A6399	194.04
Matt Moss	Fulton	Conv/Min Till	1	Pioneer	33N58	188.98
Paul J. Scherm	Daviess	No-Till	3	Agrigold	A6474	179.92