



2011

Kentucky Extension Corn Production Contest Summary of Winners and 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 20, 2012

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, 2011

116 Entries Completed
24 Counties
40 Different Hybrids

2011 Kentucky Extension Corn Contest

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

State Awards

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

	Grower/Farm	County	Brand	Hybrid	Yield, bu/A
State Champion	John F. Wilson	Graves	Pioneer	33D49	266.45
2nd Place	Peterson Farms - David Peterson	Marion	Pioneer	32T16	265.97
3rd Place	Kevin Smith - Dusty Feathers Farms‡	Franklin	Wyffels	W8437	259.13

Division III, White Corn (non-irrigated)

	Grower/Farm	County	Brand	Hybrid	Yield, bu/A
1st, White	Chris Kummer	Simpson	Pioneer	32B11	237.77
2nd, White	Waller Bros	Union	Pioneer	PI431W	236.10
3rd, White	Seven Springs Farms	Trigg	Pioneer	PI431W	225.84

Division IV, Irrigated Corn

	Grower/Farm	County	Brand	Hybrid	Yield, bu/A
1st, Irrigated	Joel Armistead	Logan	DeKalb	DKC64-69	264.11
2nd, Irrigated	Peterson Farms - Albert Peterson	Marion	Pioneer	31P41	258.90
3rd, Irrigated	Seven Springs Farms - Joe Nichols	Trigg	Pioneer	PI395HR	251.25

‡ No-Tillage Entry

District Awards

Division I, Conventional Tillage

	Grower/Farm	County	Brand	Hybrid	Yield, bu/A
District 1	Kevin Hayden	Carlisle	DeKalb	DKC63-87	194.15
District 2	Malcolm Oatts	Christian	DeKalb	DKC63-87	248.95
District 3	Scott and Al Zoglmann	Daviess	Pioneer	PI615HR	254.72
District 4	Shane Wells-Mockingbird Hill Farm	Butler	DeKalb	DKC63-87	190.73
District 6	Donnie Poore & Danny Cash	Cumberland	Beck's	6077HR	227.50

Division II, No-Tillage

	Grower/Farm	County	Brand	Hybrid	Yield, bu/A
District 1	Jerry Griffith	Graves	DeKalb	DK63-87	247.34
District 2	Harper Farms - Richard Harper	Todd	Pioneer	33D49	223.30
District 3	Phil, Pat & Joe Thompson	Daviess	Pioneer	PI745HR	257.73
District 4	Michael Buckman	Marion	DeKalb	DKC63-14	245.46
District 5	Kathy Smith - Dusty Feathers Farm	Shelby	DeKalb	DKC63-84	250.18
District 6	Woodrum Brothers	Casey	DeKalb	DKC64-69	244.54

County Awards

Division	County	Agent	Average Yield, bu/A†	No. of Entries
Conventional	Christian	J. Stone	243.82	3
No-Till	Daviess	Clint Hardy	251.08	13
White Corn	Union	Rankin Powell	227.77	3
Irrigated	Logan	Chris Milam	257.29	4

† Average of top three yields within a county and division.

Cultural Practices of State Champions, Conventional Tillage and No-Tillage

	State Champion	2nd Place	3rd Place
	John F. Wilson	Peterson Farms – David Peterson	Kevin Smith – Dusty Feathers Farms
County	Graves	Marion	Franklin
Brand	Pioneer	Pioneer	Wyffels
Hybrid	33D49	32T16	W8437
Yield, bu/A	266.45	265.97	259.13
District	1	4	5
Row Width, inches	30	30	20
Harvest Date	10/21	10/7	11/25
Seeding Date	5/16	5/30	5/11
Seed Rate, seeds/A	33,000	33,000	36,00
Final Stand, plants/A	30,000	33,000	35,000
Previous Crop	soybean	wheat/soybean	sod
Soil Type	Collins	Melvin	
Last Soil Test	2010	2011	
Soil pH	6.7	6.3	6.5
Total N, lbs/A	220	220	185
N Timing	Split	Split	Preplant
Total P₂O₅, lbs/A	69	46	85
Total K₂O, lbs/A	90	60	85
Total Other			
Seed Trt			
Herbicide	Roundup, Capreno, Atrazine	Atrazine, Lumax, Laudis, Agent Q	Verdict, Roundup, Status
Insecticide		Hero, Capture LFR	Tombstone
Fungicide	Headline	Quilt	Headline
Tillage Practices	Fall Ripper, Spring Turbo-Till	Fall: Brillion zone commander; Spring: Great Plans turbo chopper	No-Tillage
Years in No-Tillage			13
Deep Tillage	Ripper	No	No
Coulter-Type		No	1" Bubble coulter
Row Cleaner		Yes	
Seed Firmer		Yes	
Row Cleaner	Yetter Spike	Yes	
Planter	Kinze 2600	JD 1770 NT	Kinze 3700
Harvester	JD 9610	JD 9770 STS	JD 9750 STS

Cultural Practices of State Champions, White Corn

	1st, White	2nd, White	3rd, White
	Chris Kummer	Waller Bros	Seven Springs Farms
County	Simpson	Union	Trigg
Brand	Pioneer	Pioneer	Pioneer
Hybrid	32B11	PI431	PI431W
Yield, bu/A	237.77	236.10	225.84
District	4	3	2
Row Width, inches	30	30	20
Harvest Date	9/17	9/20	8/24
Seeding Date		5/10	4/10
Seed Rate, seeds/A		34,000	33,750
Final Stand, plants/A	28,500	26,500	32,500
Previous Crop	wheat/soybean	corn	wheat/soybean
Soil Type		Collins	Crider/Pembroke
Last Soil Test		2010	
Soil pH		6.9	6.7
Total N, lbs/A	150	190	185
N Timing	Split	Preplant	Split
Total P₂O₅, lbs/A	78	0	70
Total K₂O, lbs/A	153	0	10
Total Other			
Seed Trt		Poncho	
Herbicide	2,4-D, Atrazine, Roundup PowerMax, PoweMax, Degree Xtra, Atrazine	Corvus	Atrazine, Roundup Pro Max, Guardsman Max
Insecticide			Lambda-cy
Fungicide	Headline	Stratego, Headline	Headline
Tillage Practices			F: V-ripp; S: Mulch finisher
Years in No-Tillage		10	
Deep Tillage		No	
Coulter-Type			
Row Cleaner		Yes	
Seed Firmer		Yes	
Row Cleaner		Yes	
Planter		JD	JD DB60
Harvester	JD 9660	Cat	JD 9400

Cultural Practices of State Champions, Irrigated Corn

	1st, Irrigated	2nd, Irrigated	3rd, Irrigated
	Joel Armistead	Peterson Farms – Albert Peterson	Seven Springs Farms – Joe Nichols
County	Logan	Marion	Trigg
Brand	DeKalb	Pioneer	Pioneer
Hybrid	DKC64-69	31P41	PI395HR
Yield, bu/A	264.11	258.90	251.25
District	4	4	2
Row Width, inches	30	30	20
Harvest Date	9/30	10/11	9/2
Seeding Date	5/8	5/20	4/8
Seed Rate, seeds/A	38,000	35,000	36,000
Final Stand, plants/A	35,000	34,000	34,000
Previous Crop	corn	wheat/soybean	wheat/soybean
Soil Type	Pembroke	Elkton B	Crider
Last Soil Test	2008	2010	2011
Soil pH		6.3	
Total N, lbs/A	300	240	220
N Timing	Split	Split	Split
Total P₂O₅, lbs/A	65	70	20
Total K₂O, lbs/A	65	60	8
Total Other			
Seed Trt			Poncho 250
Herbicide	Roundup Power Max, Simazine, Aatrex + Roundup	Atrazine, Lumax, Status, Agent Q	Atrazine, Roundup
Insecticide	Hero	Hero	Lambda-Cy
Fungicide	Headline	Quilt	Headline
Tillage Practices	Disked and Rolled		F: V-Ripper; S: Turbo Disk
Years in No-Tillage		10	
Deep Tillage	No		
Coulter-Type			
Row Cleaner		Yes	
Seed Firmer		Yes	
Row Cleaner		Yes	
Planter	Kinze 2100	JD 1770 NT CCS	JD DB60
Harvester	Claas Lexion 730	JD 9770 STS	JD 9400

Cultural Practices of District Champions, Conventional Tillage

	District 1	District 2	District 3	District 4	District 5	District 6
	Kevin Hayden	Malcolm Oatts	Scott and Al Zoglmann	Shane Wells-Mockingbird Hill Farm	no entry	Donnie Poore & Danny Cash
County	Carlisle	Christian	Daviess	Butler		Cumberland
Brand	DeKalb	DeKalb	Pioneer	DeKalb		Beck's
Hybrid	DKC63-87	DKC63-87	PI615HR	DKC63-87		6077HR
Yield, bu/A	194.15	248.95	254.72	190.73		227.50
Row Width, inches	30	30	30	30		30
Harvest Date	9/13	9/10	9/27	10/21		10/6
Seeding Date	5/12	4/6	5/9	6/2		5/2
Seed Rate, seeds/A	38,000	29,858	32,000	32,000		34,000
Final Stand, plants/A	38,000	29,000	35,000			
Previous Crop	Soybean	Wheat/Soybean	Soybean	Soybean		Soybean
Soil Type	Loam	Pembroke		Melvin		
Last Soil Test		2010	2010	2009		2009
Soil pH		6.4				6.1
Total N, lbs/A	250	275	285.5	200		292
N Timing	Preplant	Preplant	Preplant	Split		Preplant
Total P₂O₅, lbs/A	200	80	138	VRT		0
Total K₂O, lbs/A	200	50	213	VRT		48
Total Other			Zinc 3lb			
Seed Trt	P250					
Herbicide	Atrazine, Roundup, Capreno, Valor, Thompson	Touchdown, Lexar, Atrazine, Roundup	Lumax, AAtrex	Lexar		Simizat, Roundup
Insecticide		Mustang	Capture	Capture		Warrior
Fungicide	Stratego	Headline		Quadris		
Tillage Practices	Pre-plant: land mulckrs	F: ripper, S: spike toothe harrow		F: Rip; S: Turbo Till		F(10): Rip - Sub soil; S(11): Disk
Years in No-Tillage		no				
Deep Tillage	Yes	ripper		Yes		Yes
Coulter-Type		No-Tillage				
Row Cleaner		yes				
Seed Firmer						
Row Cleaner						
Planter	JD1990	Kinze 2000	JD 1790	Kinze 3500		
Harvester	JD 9760	JD 9670	JD 9770	CaseIH 2166		New Holland

Cultural Practices of District Champions, No-Tillage

	District 1	District 2	District 3	District 4	District 5	District 6
	Jerry Griffith	Harper Farms - Richard Harper	Phil, Pat & Joe Thompson	Michael Buckman	Kathy Smith -Dusty Feathers Farm	Woodrum Brothers
County	Graves	Todd	Daviess	Marion	Shelby	Casey
Brand	DeKalb	Pioneer	Pioneer	DeKalb	DeKalb	DeKalb
Hybrid	DK63-87	33D49	PI745HR	DKC63-14	DKC63-84	DKC64-69
Yield, bu/A	247.34	223.30	257.73	245.46	250.18	244.54
Row Width, inches	30	30	30	30	30	30
Harvest Date	9/16	9/2	9/11	9/30	11/25	10/5
Seeding Date	5/3	4/9	5/6	5/12	5/11	5/9
Seed Rate, seeds/A		29,000	37,000	32,000	34,000	32,000
Final Stand, plants/A	30,000	28,000	35,500	31,500	34,000	
Previous Crop	Soybean	Wheat/Soybean	Soybean	Soybean	Sod	Soybean
Soil Type		Pembroke	Patton	Crider		Newark Silt Loam
Last Soil Test		2010	2010		2011	2010
Soil pH		6.6	6.5		6.6	
Total N, lbs/A	200	180	187	150	185	234
N Timing	Preplant	Split	Preplant	Sidedress	Preplant	Split
Total P₂O₅, lbs/A	200	34	69	175	0	69
Total K₂O, lbs/A	200	0	90	175	85	60
Total Other						
Seed Trt		Cruiser Extreme 250	Poncho			
Herbicide		Touchdown, Lumax, Atrazine, Lexar	Atrazine, Lexar, Gramoxone, Touchdown	Halex, Makaze	Verdict, Roundup, Status	Roundup Power Max
Insecticide		Warrior	Capture			
Fungicide		Quilt	Quadris	Headline	Headline	
Tillage Practices	No-Tillage	No-Tillage	No-Tillage	No-Tillage	No-Tillage	No-Tillage
Years in No-Tillage	10	10	18	20	13	3
Deep Tillage		Yes	No	No	No	No
Coulter-Type				No	1" Bubble coulter	
Row Cleaner			yes			Yes
Seed Firmer		Yes	yes			
Row Cleaner						Yes
Planter	Kinze 3600	JD 1790	JD 1760	JD 1770 NT	Kinze 3700	JD 1760 NT
Harvester	Lexion 570R	JD 9870	JD 9560 STS	Case IH 2166	JD 9750 STS	JD 9760 STS

250 Bushel Club

Grower/Farm	County	Corn Brand	Yield, bu/A	Division	District
John F. Wilson	Graves	Pioneer 33D49	266.45	Conventional	1
David Peterson	Marion	Pioneer 32T16	265.97	Conventional	4
Joel Armistead	Logan	DeKalb DKC64-69	264.11	Irrigated	4
Kevin Smith- Dusty Feathers Farms	Franklin	Wyffels W8437	259.13	No-Till	5
Peterson Farms - Albert Peterson	Marion	Pioneer 31P41	258.90	Irrigated	4
Phil, Pat, Joe Thompson	Daviess	Pioneer P1745HR	257.73	No-Till	3
David Walker & Matt Mason	Union	DeKalb DKC64-69	256.85	No-Till	3
Scott and Al Zoglmann	Daviess	Pioneer P1615HR	254.72	Conventional	3
Joel Armistead	Logan	DeKalb DKC63-87	253.94	Irrigated	4
Joel Armistead	Logan	DeKalb DKC64-69	253.83	Irrigated	4
Seven Springs Farms - Joe Nichols	Trigg	Pioneer P1395HR	251.25	Irrigated	2
PPJ Thompson Farms	Daviess	DeKalb DKC64-69	251.21	No-Till	3
Kathy Smith- Dusty Feathers Farm	Shelby	DeKalb DKC63-84	250.18	No-Till	5

Other Entries, 2011 Kentucky Extension Corn Contest

Grower/Farm	County	Corn Brand	Yield, bu/A	Division	District
Joel Armistead	Logan	DeKalb DKC63-84	249.25	Irrigated	4
Malcolm Oatts	Christian	DeKalb DKC63-87	248.95	Conventional	2
Jerry Griffith	Graves	DeKalb DK63-87	247.34	No-Till	1
Brian Oatts	Christian	DeKalb DKC64-69	246.47	Conventional	2
Michael Buckman	Marion	DeKalb DKC63-14	245.46	No-Till	4
Woodrum Brothers	Casey	DeKalb DKC64-69	244.54	No-Till	6
Phil, Pat & Joe Thompson	Daviess	Pioneer P1615HR	244.30	No-Till	3
S + S David	Union	DeKalb DKC62-54	243.08	Conventional	3
John Martin - Martin Farms	Muhlenberg	DeKalb DKC63-87	242.20	No-Till	3
Darrel Hagan	Ohio	Pioneer P1420HR	241.58	Conventional	3
Seven Springs Farms - Michael Oliver	Trigg	Pioneer P1395HR	240.87	Irrigated	2
S + S Brion Shouse	Union	Pioneer P1420HR	239.96	Conventional	3
S + S Brion Shouse	Union	Pioneer P1395HR	239.03	Conventional	3
Hendrickson Farms	Union	DeKalb DKC66-96	238.15	Conventional	3
Chris Kummer	Simpson	Pioneer 32B11	237.77	White Corn	4
Seven Springs Farms – Jillian Nichols & Kalyn Brandt	Trigg	Pioneer P1395HR	237.30	Irrigated	2
Darrel Hagan	Ohio	Beck's 6903HR	236.53	Conventional	3
Hendrickson Farms	Union	DeKalb DKC66-96	236.18	Conventional	3
Waller Bros	Union	Pioneer P1431	236.10	White Corn	3
Charles Oatts	Christian	Pioneer 33D49	236.03	Conventional	2
Clement Woodrum	Casey	DeKalb DKC63-45	235.93	No-Till	6
Williams Farms	Wayne	NK Seeds N72Q-3000GT	235.80	No-Till	6
Sparks Farms I	Daviess	Pioneer P1745HR	235.79	Conventional	3
Gene Glenn	Daviess	Pioneer P1420HR	235.39	Conventional	3
Lindsey Embry	Henderson	Pioneer P1615HR	235.00	Conventional	3
Sparks Farms 2	Daviess	Pioneer P1745HR	234.57	Conventional	3
Basham Farms - Danny	Hopkins	Dyna-Gro 5683VT3	234.02	Conventional	2
Obryan Grain Farms, Inc	Daviess	Pioneer P1184HR	232.70	Irrigated	3
Kevin Hayden	Hickman	DeKalb DKC62-54	232.18	No-Till	1
Castlen Bros Farms	Daviess	Pioneer P1184	230.51	No-Till	3
Newman Graint Cattle L.L.C.	Daviess	DeKalb DKC62-97	230.29	Conventional	3
Flatlick Farms	Daviess	Beck's 6903HR	230.25	Conventional	3
Castlen Bros Farms	Daviess	Pioneer P1184	230.20	No-Till	3
William R. Sprague	Union	Pioneer P1420HR	229.96	Conventional	3
Rick and Philip Castlen	Daviess	Pioneer 32D79	229.89	No-Till	3
Herring Farms (David & Lee)	Hopkins	Agrigold A6632	229.40	Conventional	2
Goetz Bros Farms	Daviess	DeKalb DKC64-69	229.15	Conventional	3
Jimmy Gilles	Daviess	Agrigold A6632	228.97	No-Till	3
Rick and Philip Castlen	Daviess	Pioneer P1745HR	228.69	No-Till	3
Donnie Poore & Danny Cash	Cumberland	Beck's 6077HR	227.50	Conventional	6
Flatlick Farms	Daviess	Pioneer 33D49	227.01	Conventional	3
Seven Springs Farms - Joe Nichols	Trigg	Pioneer P1395HR	226.97	Irrigated	2
Jim Bickett	Union	Pioneer P1420HR	226.49	Conventional	3
S+S Farms - Ballard Jones	Wayne	Beck's 6733	226.09	No-Till	6
Marcus Huffman	Logan	DeKalb DKC64-69 VT3P	225.95	No-Till	4
Seven Springs Farms	Trigg	Pioneer P1431W	225.84	White Corn	2
Running T.	Union	Pioneer 33F12	225.45	White Corn	3
Beanland Farms	Daviess	DeKalb DKC63-87	224.96	Conventional	3
Ross Cottingham	Henderson	Agrigold A6533	224.88	Conventional	3
Joseph W. Sprague	Union	DeKalb DKC63-84	224.15	Conventional	3

Grower/Farm	County	Corn Brand		Yield, bu/A	Division	District
Rick and Philip Castlen	Daviess	Pioneer	PI 253HR	223.63	No-Till	3
S + S David	Union	Pioneer	PI 184HR	223.61	Conventional	3
Darrel Hagan	Daviess	Pioneer	PI 745HR	223.61	Conventional	3
Jim Bickett	Union	Pioneer	PI 184	223.53	No-Till	3
Mah Castlen Farms	Daviess	Pioneer	PI 184	223.47	No-Till	3
Harper Farms (Richard Harper)	Todd	Pioneer	33D49	223.30	No-Till	2
Williams Farms	Wayne	NK Seeds	N72Q-3111GT	222.94	No-Till	6
Running T.	Union	Pioneer	33F12	221.75	White Corn	3
Jim Bickett	Union	Pioneer	PI 615HR	221.60	Conventional	3
Darrel Hagan	Daviess	Pioneer	PI 615HR	221.28	Conventional	3
George A. Sprague	Union	DeKalb	DKC61-69	220.39	Conventional	3
Kevin Hayden	Carlisle	DeKalb	DKC63-87	219.61	No-Till	1
PPJ Thompson Farms	Daviess	Pioneer	PI 995WHR	219.45	White Corn	3
Steve Turner	Daviess	Pioneer	PI 184HR	218.20	No-Till	3
Tim Horn	Daviess	Pioneer	33F12	216.21	White Corn	3
Jim Bickett	McLean	Pioneer	33D49	216.12	Conventional	3
Ray Tucker	Shelby	DeKalb	DKC63-87	214.91	No-Till	5
Leo Mattingly Jr.	Henderson	Great Lakes	6455G3VT3	214.42	Conventional	3
Ross Cottingham	Henderson	Agrigold	A6489	213.18	Conventional	3
Bobby Glenn	Daviess	Pioneer	PI 615HR	213.10	Conventional	3
Lea Meredith/ Meredith Farny	Henderson	Pioneer	PI 184	212.35	Irrigated	3
Cundiff Farms	Trigg	Pioneer	32B10	211.63	White Corn	2
Cundiff Farms	Trigg	Pioneer	32B10	208.55	White Corn	2
Hubert Beyke Farms	Daviess	Pioneer	32B10	208.12	White Corn	3
James Summers	Simpson	DeKalb	DKC63-14	207.96	No-Till	4
Williams Farms	Bracken	NK Seeds	N77P-3111	206.77	No-Till	5
Karl Dowson	Henderson	DeKalb	DK63-87	206.48	No-Till	3
Elliott Farms	Henderson	Beck's	6733HXRR	205.71	No-Till	3
Strode Farms	Daviess	Agrigold	A6632	205.32	Conventional	3
Chris Kummer	Simpson	Pioneer	PI 404HR	204.88	No-Till	4
Cundiff Farms	Trigg	Pioneer	32B10	204.22	White Corn	2
Jim Bickett	Union	Pioneer	PI 184	203.41	No-Till	3
Jeff Coke	Daviess	Pioneer	PI 184HR	202.22	No-Till	3
Michael Buckman	Marion	Pioneer	PI 184HR	199.03	No-Till	4
Michael Slinkev	Muhlenberg	DeKalb	DKC64-69	198.13	Conventional	3
James Sexton - Sexton Farms	Wayne	Pioneer	33N58	196.24	No-Till	6
James Robertson	Todd	Pioneer	33D49	195.85	No-Till	2
Kevin Hayden	Carlisle	DeKalb	DKC63-87	194.15	Conventional	1
S+S Farms Ballard Jones	Wayne	Pioneer	33N58	194.05	No-Till	6
Ronnie Lowe	Mason	DeKalb	DKC63-14	191.52	No-Till	6
Shane Wells-Mockingbird Hill Farm	Butler	DeKalb	DKC63-87	190.73	Conventional	4
James Sexton - Sexton Farms	Wayne	DeKalb	DKC62-54	186.74	No-Till	6
Darrel Hagan	Ohio	Garst	83C55-3111	185.29	Conventional	3
S+S Farms Ballard Jones	Wayne	Pioneer	33N58	184.93	No-Till	6
Clint Hardy	Daviess	Pioneer	PI 184HR	183.14	No-Till	3
FairGrain Farms	Casey	Pioneer	33N58	179.00	No-Till	6
Phillip Bean	Carlisle	Pioneer	PI 745HR	173.96	No-Till	1
Marcus Hakhan	Logan	DeKalb	DKC64-69	173.37	No-Till	4
Michael Buckman	Marion	DeKalb	DKC63-14	171.62	No-Till	4
Chris Kummer	Simpson	Pioneer	PI 420HR	170.74	Conventional	4
Rick Hord	Fleming	DeKalb	DKC63-14	146.67	No-Till	5
Chris Kummer	Simpson	Pioneer	PI 745HR	143.24	No-Till	4
Chris Kummer	Simpson	Croplan	6150VT3	96.93	No-Till	4

Other Counties with at least Three Entries

Division	County	Agent	Average Yield, bu/A†	No. of Entries
Conventional	Daviess	Clint Hardy	244.03	15
Conventional	Union	Rankin Powell	240.69	11
Conventional	Henderson	Mike Smith	224.77	4
No-Till	Marion	George McCain	220.41	4
No-Till	Wayne	Glen Roberts	228.28	7
No-Till	Union	Rankin Powell	227.93	3
No-Till	Casey	Will Stallard	219.82	3
No-Till	Simpson	Jason Phillips	185.36	4
Irrigated	Trigg	David Fourqrean	243.14	4
White Corn	Trigg	David Fourqrean	215.34	4
White Corn	Daviess	Clint Hardy	214.59	3

† Average of top three yields within a county and division.

Summary of Cultural Practices, 2011 Corn Contest

250 Bushel Club

Summary Description†	Row Width (ft)	Seeding Date	Seeding Rate, seeds/A	Final Stand, plants/A	Soil pH	Total N, lbs/A	Total P ₂ O ₅ , lbs/A	Total K ₂ O, lbs/A
Average	28	5/11	35,500	33,542	6.5	237	65	84
Mode	30	5/8	38,000	35,000	6.3	220	69	90
Minimum/Earliest	20	4/30	32,000	26,000	6.3	185	0	8
Maximum/Latest	30	5/30	38,000	35,500	6.6	300	138	213

† Average is the sum of all values divided the total number of entries. Mode is the most common value reported.

Other Entries

Summary Description†	Row Width (ft)	Seeding Date	Seeding Rate, seeds/A	Final Stand, plants/A	Soil pH	Total N, lbs/A	Total P ₂ O ₅ , lbs/A	Total K ₂ O, lbs/A
Average	29	5/7	32,832	30,323	6.5	211	85	98
Mode	30	5/10	32,000	31,000	6.5	200	69	150
Minimum/Earliest	20	4/1	28,000	20,400	5.7	126	0	0
Maximum/Latest	30	6/7	42,000	38,000	7.5	327	259	200

Tillage Practices, Coulters Types, Planters and Harvesters

Tillage Practices‡	Coulter-Type	Planter	Harvester
F: Brillio zone commader; S: Great Plans turbo chopper	Bubble coulter	Case IH Early Riser 1250	Case IH
F: Chisel; S: Field cultivator	Flute coulter	IH 800	Case IH 1460
F: Disk; S: Mulch finisher	JD 13 ware	JD	Case IH 2166
F: JD2100 ripper; F/S: Case IH Turbo Till	No	JD 1200	Case IH 2166
F: No-Till Rip; S: Turbo Till	No-till	JD 1750	Case IH 2388
F: Rip - No-till ripper; S: Mulch finisher		JD 1760	Case IH 2588
F: Rip; S: PC		JD 1760 NT	Case IH 6088
F: Ripped with subsoiler; S: Field cultivator		JD 1770	Case IH 7010
F: Ripper - Sub soil; S: Disk		JD 1770 NT	Case IH 7120
F: ripper, S: spike toothe harrow		JD 1770 NT CCS	Case IH 8120
F: Ripper; S: Case IH Turbo disk		JD 1790	Case IH 8120
F: Ripper; S: Disk		JD 1990	Case IH Axial Flow
F: Ripper; S: Field Cultivator		JD 7000	CAT
F: Ripper; S: Mulch finisher		JD 7200	Claas Lexion 750
F: Ripper; S: Turbo till		JD DB60	Claas 560R
F: V - ripp; S: Mulch finisher		Kinze	JD 7720 Titan 2
F: V-Ripper; S: Turbo Disk		Kinze 2000	JD 9400
F: Turbo Till; Spring: Turbo Till		Kinze 2100	JD 9500
No-till		Kinze 2600	JD 9560 STS
Ridge Till		Kinze 2800	JD 9600
S: 726 J.D. Mulch Finisher		Kinze 3500	JD 9610
S: Disk		Kinze 3600	JD 9660
S: Disk; Turbo chopper		Kinze 3600 ASD	JD 9670
S: Field cultivator		Kinze 3650	JD 9670 STS
S: Field cultivator; F: Rip		Kinze 3700	JD 9750
S: Harrows			JD 9750 STS
S: Mulch finisher			JD 9760
S: Phillips Harrow			JD 9760 STS
S: Ripper; Disk			JD 9770
S: Salford RTS			JD 9770 STS
S: Sunflower VT			JD 9860
S: Turbo chopper			JD 9870
S: Turbo till			JD 9870 STS
S: Turbo till			JD 9880
S: Turbo till x2			Lexion 570R
Turbo till			Lexion 575R
			MF 750
			MF 860
			New Holland

‡ F = fall, S = Spring

Agrochemicals, 2011 Corn Contest

Herbicides§

Aatrex	Gramoxone	Lexar	
Aatrex	Lumax	Roundup	
Aatrex	Touchdown	Prowl	
Atrazine	Corvis		
Atrazine	Gramoxone	Corvus	Roundup WM
Atrazine	Lexar	Gramoxone	Touchdown
Atrazine	Lexar	Touchdown	
Atrazine	Lumax	GLY-4	
Atrazine	Lumax	Laudis	Agent Q
Atrazine	Roundup	Capreno	Valor
Atrazine	Roundup PM	Valor	Capreno
Atrazine	Roundup ProMax	Guardsman Max	
Atrazine	Roundup WM	Capreno	Gramoxone Int.
Atrazine	Touchdown	Corvus	
Atrazine	Roundup		
Bicep	Roundup		
Corvus	Stratego		
Corvus			
Degree Extra	Roundup	Atrazine	
Degree Extra	Roundup WM		
Degree Xtra	Aatrex	Gramoxone	Roundup
Degree Xtra	Aatrex	Makaze	
Degree Xtra	Aatrex	Makaze	Makaze
Degree Xtra	Aatrex	Roundup	
Degree Xtra	Atrazine	Roundup PM	
Degree Xtra	Atrazine	Roundup WM	Salvo
Degree Xtra	Roundup	Atrazine	
Guardsman Max	Celebrity Plus		
Halex	2,4-D Salvo	Medal	Roundup UM
Halex	Atrazine		
Halex	Makaze		
Halex			
Halex GT	Atrazine		
Halex GT Post			
Keystone	Durango		
Lexar	2,4-D	Touchdown	Gramoxone
Lexar	Atrazine	Gramoxone	Roundup
Lexar	Gramoxone	Touchdown	
Lexar	Lumax	Princep	Aatrex
Lexar	Roundup	Gramoxone lteon	
Lexar	Steadfast		
Lexar	Touchdown	Atrazine	
Lumax	Aatrex	Roundup	
Lumax	Aatrex/Atrazine		
Lumax	Atrazine	GLY-4	
Lumax	Lexar	Princep	Aatrex
Lumax			
Corvus	Aatrex	Gramoxone	Capreno
Roundup	Atrazine	Guardsman max	
Roundup	Headline		
Roundup	Lexar		
Roundup	Lumax	Aatrex	
Roundup	Verdict		
Roundup 2,4 D Fall	Roundup Atrazine	Roundup	
Roundup PM	Simazine	Aatrex + Roundup	
Roundup PM			
Simizat			
Touchdown	Lexar	Atrazine	Roundup
Touchdown	Lexar	Atrazine	Halex
Touchdown	Lumax	Atrazine	Lexar
Touchdown	Medal 2AT	Halex GT	Roundup WG
Trizmet			
Verdict	Resolve	Resolve Q	
Verdict	Resolve Q	Glyphosate	
Verdict	Roundup	Status	

Fungicides

Headline	
Monsoon	Headline
Quadris	
Quilt	Quadris
Quilt	
Stratego	
Stratego Yield	

Insecticides

Baythroid	Hero
Capture	Tombstone
Capture	
Capture LFR	
Hero	Capture LFR
Hero	
Lamda-Cy	
Mustang	
Mustang Max	
Tombstone	
Tombstone Helio	
Warrior	Capture
Warrior	
Warrior	Capture

Seed Treatment

Cruise 250
Cruiser
Cruiser 250/ Dynasty
Cruiser 500
Cruiser Extreme
Cruiser Max 250
Escalate
Poncho

§ Herbicide combinations listed across each row. For example: one field was treated with Aatrex, Gramoxone and Lexar, while another was treated with Aatrex, Lumax and Roundup. Fungicides and Insecticides follow a similar pattern.