

2010

KENTUCKY EXTENSION WHEAT PRODUCTION CONTEST Summary of Awards and Cultural Practices

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and

Kentucky Small Grain Growers Association

with

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September, 2010



2010 Kentucky Extension Wheat Production Contest

Summary of Award Winners

14 Entries (9 Tillage, 5 No-Tillage)
 8 Varieties
 6 Counties

State Awards

	Name	County	Brand/Variety	Yield, bu/acre
State Champion, No-Till	Peterson Farms	Marion	AgriPro Coker Branson	104.13
State Champion, Conventional Till	Goetz Bros. Farms	Daviess	So. States SS8302	100.92

Area Awards

	Name	County	Brand/Variety	Yield, bu/acre	Tillage
Area 1 Champion	Double P Farms	Todd	AgriPro Coker Branson	95.05	Tillage
Area 2 Champion	Beanland Farms	Daviess	AgriPro Coker Branson	100.81	Tillage
Area 3 Champion	Chris Kummer	Simpson	AgriPro Coker Branson	97.11	Tillage
Area 4 Champion	Williams Farms	Wayne	Exsegen Dina	98.13	No-Till

Cultural Practices of the Champions

	State Champion, No-Till	State Champion, Tillage	Area 1 Champion	Area 2 Champion	Area 3 Champion	Area 4 Champion
Name	Peterson Farms	Goetz Bros. Farms	Double P Farms	Beanland Farms	Chris Kummer	Williams Farms
Wheat Yield, bu/a	104.13	100.92	95.05	100.81	97.11	98.13
County	Marion	Daviess	Todd	Daviess	Simpson	Wayne
Variety	AgriPro Coker Branson	Southern States SS8302	AgriPro Coker Branson	AgriPro Coker Branson	AgriPro Coker Branson	Exsegen Dina
Planting Date	11/7/2009	10/20/2009	11/5/2009	10/5/2009	10/21/2009	10/22/2009
P ₂ O ₅ /acre	46	69	0	80.5	69	---
K ₂ O/acre	60	90	0	105	90	---
Fall N/acre	18	27	0	31.5	27	---
Late Winter N/acre	50	50	60	12	55	36
Early Spring N/acre	46	50	60	24	50	69
Total N/acre	114	127	120	67.5	132	105
Chicken Litter	---	---	---	---	---	1 ton
Herbicides	Traxion, Harmony Extra	Harmony	Axial, Harmony Extra	Metribuzin, Harmony Extra	Harmony, 2,4-D	Glyphosate, Harmony
Fungicides	Prosaro	Stratego	Prosario	Caramba	Caramba	Bumper, Prosaro
Insecticides	Warrior II	None	Warrior	Tombstone	Warrior	Silencer
Tillage	None	Disc-o-vator	Disc	Disc	Disc x 2	None

Summary of Cultural Practices

CATEGORY	NO. OF ENTRIES*
1. Date Planted	
October 1-9	1
October 10-20	4 b
October 21-30	4
November 1-15	5 a
November 16-30	0

CATEGORY	NO. OF ENTRIES*
3. Tillage Used	
No-Tillage	5 a
Disk x1, 2, or 3	9 b
Turbo Till	0

CATEGORY	NO. OF ENTRIES*
4. Herbicides Used	
2,4-D	1
Buccaneer	0
Harmony	13 ab

CATEGORY	NO. OF ENTRIES*
6. Insecticides Used	
Mustang	1
Mustang Max	0
None	1 b
Silencer	1
Tombstone	3
Warrior	7 a

CATEGORY	NO. OF ENTRIES*
7. Fertilizer	
P₂O₅ (lbs/A)	
0	3
20-59	3 a
60-70	4 b
75-99	2
100 or more	0

CATEGORY	NO. OF ENTRIES*
Nitrogen Applied	
N at Planting (lbs/A)	
0	3
1-14	0
15-20	3 a
21-25	0
26-30	4 b
31-40	2
41 or more	1

CATEGORY	NO. OF ENTRIES*
Split N in Winter	
1st Split N (lbs/A)	
1-39	3
40-50	6 ab
51-60	4
61-70	0
71-100	1

CATEGORY	NO. OF ENTRIES*
2. Test Weight (lbs/bu)	
53.1 or less	0
54.1-55.0	1
55.1-56.0	0
56.1-57.0	0
57.1-58.0	3
58.1-59.0	4 b

a = state champion for no-tillage

b = state champion for tillage

CATEGORY	NO. OF ENTRIES*
5. Fungicides Used	
Caramba	4
Folicur	0
Proline	0
Prosaro	5 a
Prosaro + Tilt	2
Tilt	0
Toledo	2

CATEGORY	NO. OF ENTRIES*
Fertilizer	
K₂O (lbs/A)	
0	5
1-59	0
60-70	3 a
71-80	0
81-90	4 b
91-120	2
121 or more	0

CATEGORY	NO. OF ENTRIES*
Nitrogen Applied	
Total N (lbs/A)	
89 or less	2
90-100	0
101-110	2
111-120	3 a
121-130	5 b
131-140	1
141-160	1
161-180	0
181 or more	0

CATEGORY	NO. OF ENTRIES*
Split N in the Spring	
2nd Split N (lbs/A)	
none	2
1-39	1
40-50	7 ab
51-60	3
61-80	1

Other Entries

Division	Name	County	Brand/Variety	Yield, bu/A
No-Till	Peterson Farms	Marion	Pioneer 25R63	95.50
No-Till	PPJ Thompson	Daviess	Exsegen Dinah	78.32
Tillage	Waller Bros	Union	Pioneer 25R15	100.20
Tillage	Chris Kummer	Simpson	AgriPro Coker Branson	97.11
Tillage	Jeff Coke	McLean	AgriPro Coker Branson	95.50
Tillage	Triple T Farms	Daviess	Pioneer 25R56	93.22
Tillage	Pasture Belt Farms	Daviess	AgriPro Coker Branson	91.52
Tillage	Mose Coblentz	Todd	Pioneer 25R63	83.06

Summary of State Wheat Winners

Year	Producer/Farm	County	Yield, Bu/A	Tillage Class*
1987	Johnny Dawson	Logan	89.10	
1988	Kamuf Brothers	Daviess	122.05	
1989	Johnny Dawson	Logan	104.32	
1990	J.C. Ellis, III	Daviess	100.50	
1991	Triple Oaks Farm	Warren	83.10	
1992	Larry Thompson	Logan	100.64	
1993	Miller Brothers	Todd	108.39	
1994	Don Halcomb	Logan	119.58	
1995	Jonathan Ayer	McLean	102.14	
1996	Whitlock Farms	Logan	99.81	
1997	James Robertson	Todd	110.89	tilled
1998	Cundiff Farms	Trigg	81.85	tilled
1999	Joe Neal Ballance	Warren	116.40	tilled
2000	David Hatton	Bath	120.94	no-till
2001	Keith Ayer	McLean	121.27	tilled
2002	Gene and William Boswell	Hancock	105.93	no-till
2003	Bruce Benson	Webster	109.53	tilled
2004	Burton Farms	Wayne	102.02	no-till
2005	Ronald and T.A. Stokes	Christian	123.71	tilled
2006	Pat Clements	Washington	108.36	no-till
2007	Sterett and Paul Miles	Hopkins	98.90	tilled
2008	Elkin Farms	Warren	130.61	no-till
2009	Peterson Farms	Nelson	104.53	no-till
2010	Peterson Farms	Nelson	104.19	no-till

* Tillage Classes (Divisions) did not occur until 1997. Division I is Conventional Till. Division II is No-Till.

Comparison of Top Yields

Year	Top State Yield Tilled bu/a	Top State Yield No-Till bu/a
1997	110.89	96.94
1998	81.85	80.96
1999	116.40	109.90
2000	117.51	120.94
2001	121.27	98.01
2002	92.26	105.93
2003	109.53	105.89
2004	98.54	102.02
2005	123.71	112.04
2006	108.36	119.71
2007	98.9	91.23
2008	124.56	130.61
2009	97.11	104.53
2010	100.92	104.13
Average, All Years		
	107.27	105.92
Avg., Past 10 Years		
	107.52	107.41
Avg., Past 5 Years		
	105.97	110.04

General Sponsors

No-Till Trophy

Kentucky Small Grain Growers Association

Traveling Trophy

Pioneer Hi-Bred, A DuPont Business