

# 2012 Kentucky Extension Wheat Production Contest

## Summary of Awards and Cultural Practices

Sponsored by:

University of Kentucky Cooperative Extension Service

Kentucky Small Grain Growers Association

With Cooperating Agribusinesses

Traveling Trophy sponsored by Pioneer, A DuPont Business

No-tillage Trophy sponsored by Kentucky Small Grain Growers Association

Available online at: [www.uky.edu/Ag/GrainCrops/](http://www.uky.edu/Ag/GrainCrops/)

### Summary of Entrants

26 Entries (16 Tillage, 10 No-Tillage), 15 Varieties, 11 Counties



**Table 1. State and Area Winners, and Production Practices**

|  | State Winners           |                            |                 | Area Winners                     |                                       |                        |
|--|-------------------------|----------------------------|-----------------|----------------------------------|---------------------------------------|------------------------|
|  | Clark Farms             | Blake Edwards              | Malcolm Oatts   | Flat Lick Farms, Scott Kuegel    | Jamie Summers                         | Homestead Family Farms |
|  | State Champion, Tillage | State Champion, No-Tillage | Area 1 Champion | Area 2 Champion                  | Area 3 Champion                       | Area 4 Champion        |
| Yield, Bu/A                                | 115.41                  | 108.51                     | 108.18          | 109.61                           | 106.73                                | 97.94                  |
| County                                     | Graves                  | Green                      | Christian       | Daviess                          | Simpson                               | Nelson                 |
| Area †                                     | 1                       | 4                          | 1               | 2                                | 3                                     | 4                      |
| Division                                   | Tillage                 | No-Tillage                 | Tillage         | Tillage                          | Tillage                               | No-Tillage             |
| Brand                                      | Branson                 | Dyna-Gro 9042              | Branson         | Beck's 135                       | SS 520                                | Pioneer 25R78          |
| Planting Date                              | 10/18/11                | 11/2/11                    | 10/16/11        | 11/7/11                          |                                       | 11/11/11               |
| Row Width, in.                             | 7.5                     | 7.5                        | 7.5             | 15                               | 7.5                                   | 7                      |
| Fall P <sub>2</sub> O <sub>5</sub> , lbs/A | 82                      | 150                        | 40              | 41.1                             | 125                                   |                        |
| Fall K <sub>2</sub> O, lbs/A               | 105                     | 150                        | 40              | 2.2                              | 125                                   |                        |
| Fall N, lbs/A                              | 31.5                    |                            | 100             | 18.9                             |                                       |                        |
| Winter N, lbs/A                            | 105                     | 60                         | 60              | 60                               | 48                                    | 60                     |
| Spring N, lbs/A                            |                         | 70                         | 40              | 60                               | 50                                    | 60                     |
| Total N, lbs/A                             | 136.5                   | 130                        | 200             | 138.9                            | 98                                    | 120                    |
| Other                                      |                         |                            |                 | 3.3 S, 0.2 Mg                    |                                       |                        |
| Herbicide                                  | Harmony, x2             | Harmony                    | Harmony Extra   | Harmony                          | Harmony                               | Harmony Extra          |
| Herbicide                                  |                         | Finesse x2                 |                 | 2,4-D                            | PowerFlex                             |                        |
| Fungicide                                  | Headline                | Caramba                    | Headline        | Monsoon                          | Stratego                              | Quilt                  |
| Fungicide                                  | Prosaro                 |                            | Strive          |                                  |                                       |                        |
| Insecticide                                | Lambda-Cy x2            | Tombstone                  | Warrior         | Tombstone, Helios                | Warrior                               | Tombstone              |
| Tillage                                    | disk x2                 | no-tillage                 | disk roller     | cultivator, Precision to the Max | Vertical tillage, McFarlane reel disk | no-tillage             |

† Area 1 = Purchase and Pennyrite, Area 2 = Green River, Area 3 = Mammoth Cave, Area 4 = Rest of State

## 2012 Kentucky Extension Wheat Production Contest

**Table 2. County Agent Awards**

| County Agent Awards                                    | County  | Value | County ANR Agent |
|--|---------|-------|------------------|
| Top Average Yield Supervised in a Single County, Bu/A‡ | Daviess | 96.90 | Clint Hardy      |
| Most Entrants, No. Supervised                          | Daviess | 7     | Clint Hardy      |

‡ Average Yield of the Top Three Yields Submitted from a Single County and Supervised by a County ANR Agent; Jay Stone, Christian County ANR supervised three entries and a Top Three Average Yield of 98.92 bu/acre, but the yields were from Trigg and Todd counties. Paul Winkler, Adult Ag Educator from Daviess County supervised four entries and a Top Three Average Yield of 104.48 bu/acre.

**Table 3. Other 2012 Entries**

| Other Entries                 | County  | Area | Division   | Brand            | Yield, Bu/A |
|-------------------------------|---------|------|------------|------------------|-------------|
| Brian Kuegel, Flat Lick Farms | Daviess | 2    | Tillage    | Beck's 113       | 106.24      |
| Goetz Bros. Farms             | Daviess | 2    | Tillage    | Beck's 113       | 104.19      |
| John Camp                     | Todd    | 2    | Tillage    | Pioneer 25R35    | 103.26      |
| Ben Cundiff                   | Trigg   | 2    | Tillage    | Beck's 135       | 102.83      |
| Jeff Coke                     | McLean  | 4    | No-Tillage | Pioneer 26R20    | 102.81      |
| Pasture Belt Farms            | Daviess | 2    | Tillage    | Beck's 135       | 100.87      |
| Rex Johnson                   | Todd    | 2    | Tillage    | Ky American 5058 | 100.09      |
| Peterson Farms                | Mercer  | 4    | No-Tillage | Branson          | 97.64       |
| Scott Kuegel, Flat Lick Farms | Daviess | 2    | Tillage    | Beck's 135       | 97.59       |
| Blake Edwards                 | Green   | 4    | Tillage    | Pioneer 25R32    | 93.69       |
| Peterson Farms                | Mercer  | 4    | No-Tillage | Agri Pro Branson | 92.60       |
| Ferlin Yodor                  | Todd    | 2    | No-Tillage | Branson          | 90.66       |
| Larry Krampe                  | Daviess | 2    | Tillage    | Agri Pro 9710    | 87.71       |
| PPJ Thompson Farms            | Daviess | 2    | No-Tillage | Pioneer          | 86.71       |
| Neil Fogle                    | Daviess | 2    | Tillage    | Beck's 135       | 85.65       |
| Trumbo Farms                  | Shelby  | 4    | No-Tillage | Pembroke         | 84.69       |
| Knott Farms                   | Daviess | 2    | No-Tillage | Dyna-Gro 9012    | 83.97       |
| Stephen Farms                 | Daviess | 2    | No-Tillage | Dyna-Gro 9171    | 83.47       |
| Beanland Farm                 | Daviess | 2    | Tillage    | Dyna-Gro 9710    | 74.70       |
| Phil Lambert Farms            | Daviess | 2    | Tillage    | Syngenta Branson | 64.22       |

**Table 4. History of Wheat Winners and Comparison of Tillage and No-Tillage**

| Year | Producer/Farm          | County     | Yield, Bu/A | Tillage Class* |
|------|------------------------|------------|-------------|----------------|
| 1987 | Johnny Dawson          | Logan      | 89.1        |                |
| 1988 | Kamuf Brothers         | Daviess    | 122.05      |                |
| 1989 | Johnny Dawson          | Logan      | 104.32      |                |
| 1990 | J.C. Ellis, III        | Daviess    | 100.5       |                |
| 1991 | Triple Oaks Farm       | Warren     | 83.1        |                |
| 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      | tillage        |
| 1998 | Cundiff Farms          | Trigg      | 81.85       | tillage        |
| 1999 | Joe Neal Ballance      | Warren     | 116.4       | tillage        |
| 2000 | David Hatton           | Bath       | 120.94      | no-tillage     |
| 2001 | Keith Ayer             | McLean     | 121.27      | tillage        |
| 2002 | Gene & William Boswell | Hancock    | 105.93      | no-tillage     |
| 2003 | Bruce Benson           | Webster    | 109.53      | tillage        |
| 2004 | Burton Farms           | Wayne      | 102.02      | no-tillage     |
| 2005 | Ronald and T.A. Stokes | Christian  | 123.71      | tillage        |
| 2006 | Pat Clements           | Washington | 108.36      | no-tillage     |
| 2007 | Sterett & Paul Miles   | Hopkins    | 98.9        | tillage        |
| 2008 | Elkin Farms            | Warren     | 130.61      | no-tillage     |
| 2009 | Peterson Farms         | Nelson     | 104.53      | no-tillage     |
| 2010 | Peterson Farms         | Nelson     | 104.19      | no-tillage     |
| 2011 | Double P Farms         | Todd       | 112.07      | tillage        |
| 2012 | Clark Farms            | Graves     | 115.41      | tillage        |

| Year                | Top Yields          |                        |
|---------------------|---------------------|------------------------|
|                     | Tillage Yield, Bu/A | No-Tillage Yield, Bu/A |
| 1997                | <b>110.89</b>       | 96.94                  |
| 1998                | <b>81.85</b>        | 80.96                  |
| 1999                | <b>116.40</b>       | 109.90                 |
| 2000                | 117.51              | <b>120.94</b>          |
| 2001                | <b>121.27</b>       | 98.01                  |
| 2002                | 92.26               | <b>105.93</b>          |
| 2003                | <b>109.53</b>       | 105.89                 |
| 2004                | 98.54               | <b>102.02</b>          |
| 2005                | <b>123.71</b>       | 112.04                 |
| 2006                | 108.36              | <b>119.71</b>          |
| 2007                | <b>98.9</b>         | 91.23                  |
| 2008                | 124.56              | <b>130.61</b>          |
| 2009                | 97.11               | <b>104.53</b>          |
| 2010                | 100.92              | <b>104.13</b>          |
| 2011                | <b>112.07</b>       | 107.53                 |
| 2012                | <b>115.41</b>       | 108.51                 |
| Average, All Years  | 108.08              | 106.18                 |
| Avg., Last 10 Years | 108.91              | 108.62                 |
| Avg., Last 5 Years  | 110.01              | 111.06                 |
|                     | <b>Tillage</b>      | <b>No-Tillage</b>      |