

## 2018 Kentucky Extension

# Wheat Yield Contest

## Awards and Practices

Sponsored by  
Kentucky Small Grain Growers Association & Agribusinesses

8 Entries: 2 Tillage, 6 No-Tillage, 5 varieties, 7 Counties

### 2018 Awards



State Champions	Grower / Farm	County	Division	Variety	Yield, bu/A
No-Tillage Champion	S & J Emmick	Hancock	No-Tillage	Pioneer 25R50	99.59
Recipient of the Highest Overall Yield, DuPont Pioneer Traveling Trophy & of the No-Tillage Highest Yield, Kentucky Small Grain Growers Traveling Trophy					
Tillage Champion	Clay, Mark and Camron Wells	Union	Tillage	Pioneer 25R50	88.25

Area Champions	Grower / Farm	County	Division	Variety	Yield, bu/A
Area 1. Purchase & Pennyrile	Simon and Henry Yoder	Todd	No-Tillage	AgriMaxx 415	89.29
Area 2. Green River	Jason Crisp	McLean	No-Tillage	Pioneer 25R50	89.04
Area 3. Mammoth Cave	Armistead Farms	Logan	No-Tillage	Becks 88	93.39

Supervisor Award					
Most Entrants	Camille Lambert	Henderson	2		

### Fertilizer Practices and Winners

	Fall N, lb/A	Fall P2O5, lb/A	Fall K2O, lb/A	Wnt N, lb/A	Spr N, lb/A	Total N, lb/A	Other	Tillage
Average	30	93	120	47	67	126	4 gal 10-34-00 Chicken Litter, 2T/A	No-Till (4) Disked Twice
Minimum	30	60	90	30	50	100		
Maximum	30	150	150	60	80	150		

### Other Management Practices of the Winners

	Million Seeds/A	Planting Date	Row Width	Herbicide	Fungicide	Insecticide	Growth Regulator
Average	1.7	10/15/17	7.5	Quelex Sencor	Prosaro (3) Caramba	Warrior II (4) Mustang	Palisade (3)
Minimum	1.6	10/14/17	7.5	2,4-D Fierce	Priaxor		
Maximum	1.8	10/18/17	7.5	Roundup	Tilt		

<sup>a</sup> Number in parenthesis indicates number of farmers who used this practice or product. <sup>b</sup> Farmers reported seed rates as pounds per acre, seeds per square yard or seeds per acre. Each was converted to seeds per acre and seed size was estimated.

## 2018 Kentucky Wheat Yield Contest

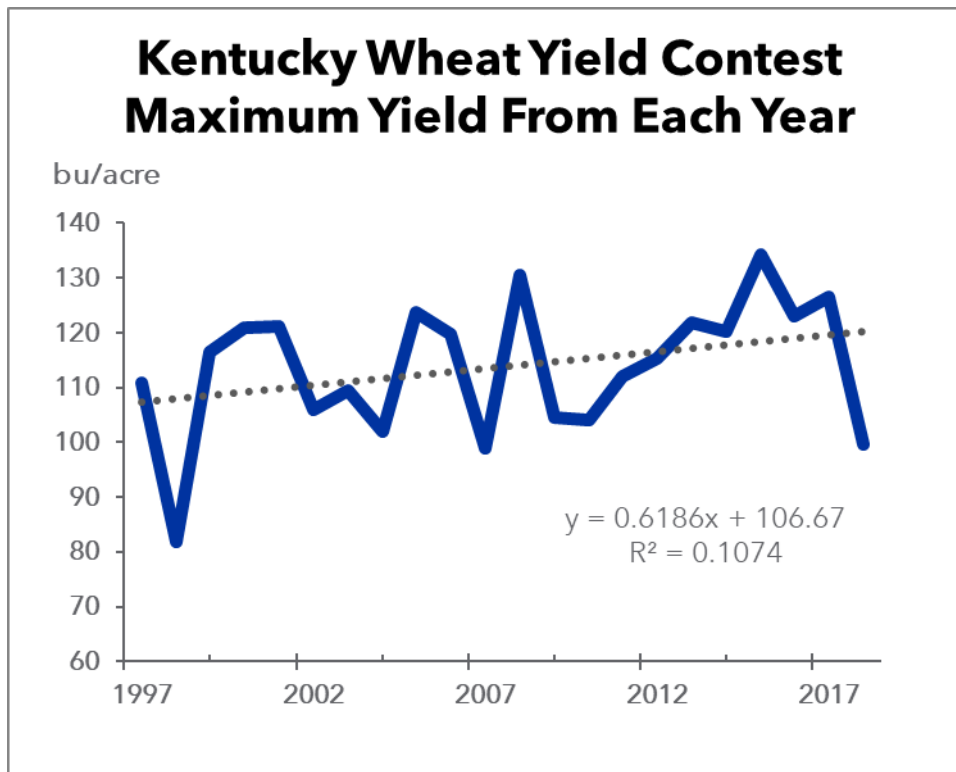
### All Entries

Name	County	Area	Division	Variety	Yield, bu/A
S & J Emmick	Hancock	2	No-Tillage	Pioneer 25R50	<b>99.59</b>
Armistead Farms	Logan	3	No-Tillage	Becks 88	93.39
Simon and Harry Yoder	Todd	1	No-Tillage	AgriMaxx 415	89.29
Jason Crisp	McLean	2	No-Tillage	Pioneer 25R50	89.04
Clay, Mark and Camron Wells	Union	2	Tillage	Pioneer 25R50	<b>88.25</b>
Southard Farms	Henderson	2	No-Tillage	Croplan	79.74
Tony and Joe Fischer	Daviess	2	Tillage	Steyer Wharton	78.72
PPJ Thompson	Daviess	2	No-Tillage	Bin Run	75.40

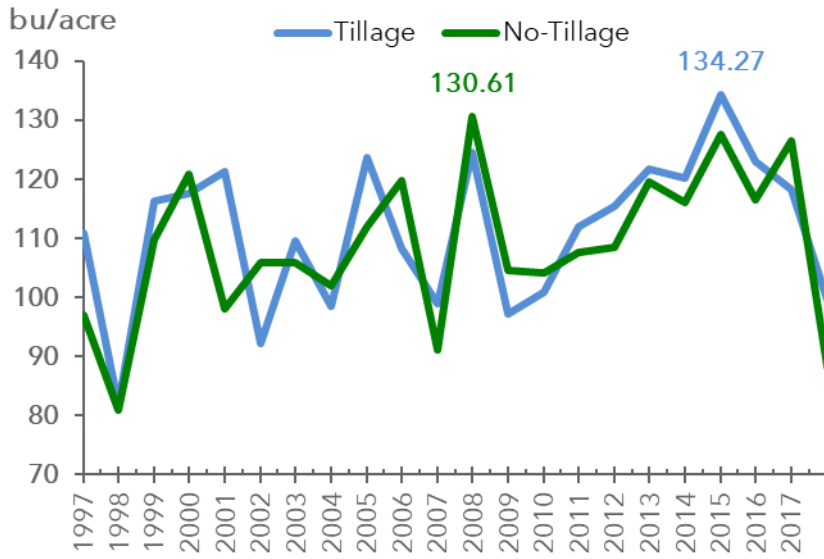
### Contest Supervisor Awards

Award	Supervisor
Top Three Average Yield	Tyler Mills, Daviess County
Most Entries Supervised	Tyler Mills, Daviess County

Note: Curt Judy, Todd County had a top three average yield of 98.29 bu/A and supervised five entries.

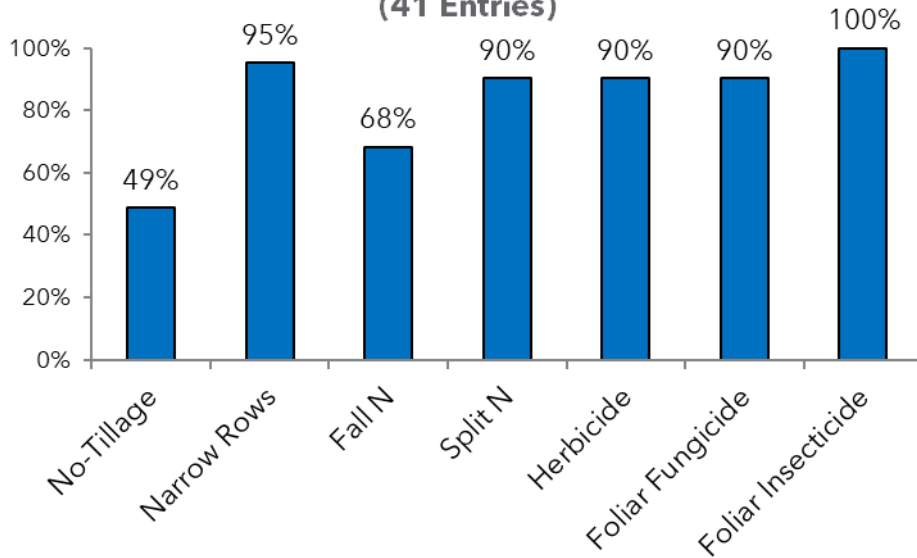


## KY Wheat Yield Contest State Champion Yields

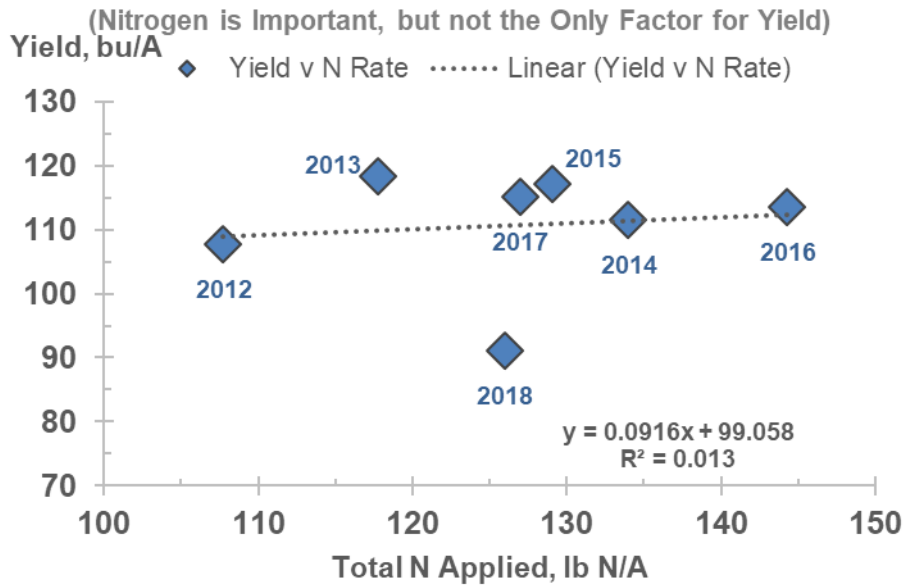


## Common Practices from Kentucky Wheat Contest Winners 2012-2018

(41 Entries)



### KY Wheat Yield Winners: Total N Rate Poorly Correlates with Year-to-Year Wheat Yields



### KY Wheat Winners: Nitrogen Use Efficiency Generally Improved as Yield Increased

