

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 & Pennyryle	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

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		

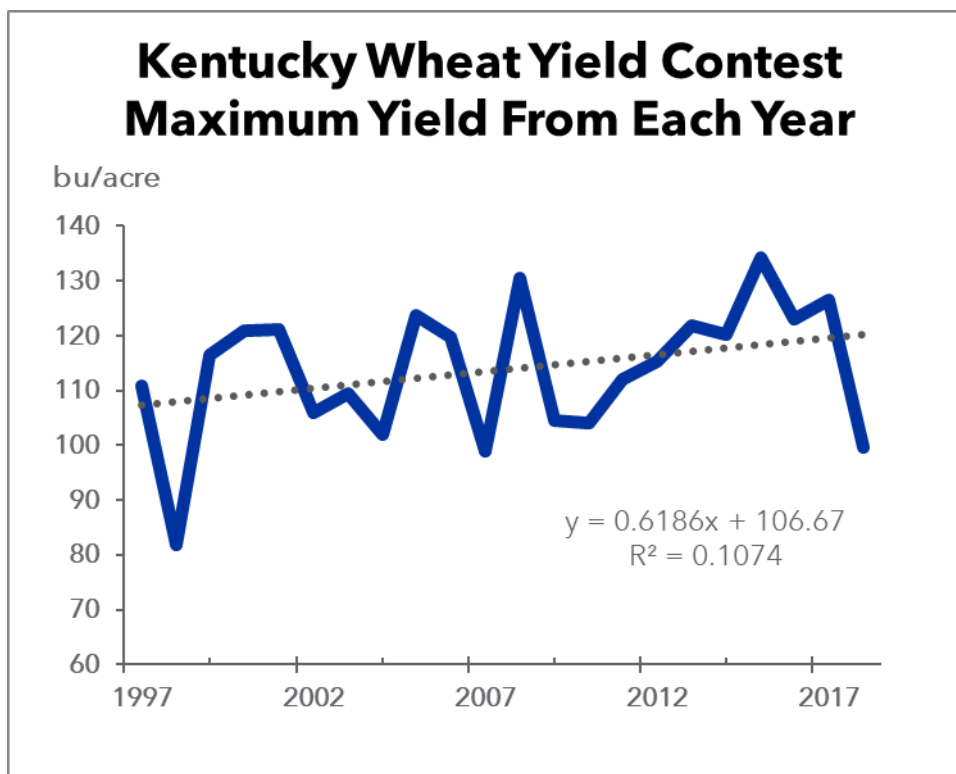
^a Number in parenthesis indicates number of farmers who used this practice or product. ^b Farmers reported seed rates as pounds per acre, seeds per square yard or seeds per acre. Each was converted to seeds per acre and seed size was estimated.



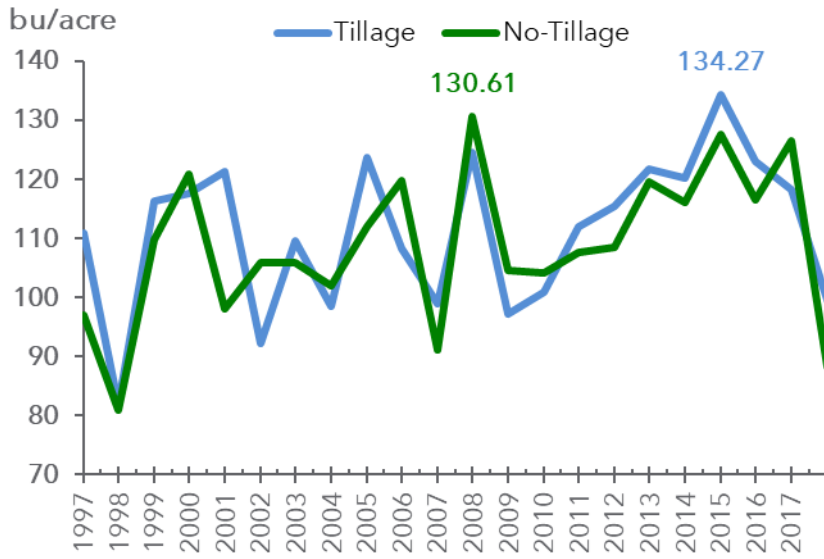
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All Entries

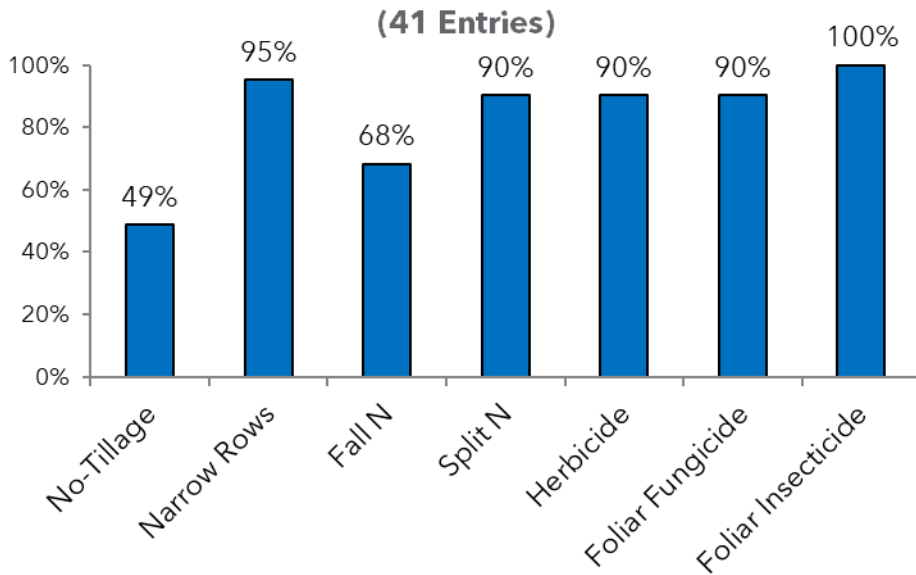
Name	County	Area	Division	Variety	Yield, bu/A
S & J Emmick	Hancock	2	No-Tillage	Pioneer 25R50	99.59
Armistead Farms	Logan	3	No-Tillage	Becks 88	93.39
Simon and Harry Yoder	Todd	1	No-Tillage	AgriMaxx 415	89.29
Jason Crisp	McLean	2	No-Tillage	Pioneer 25R50	89.04
Clay, Mark and Camron Wells	Union	2	Tillage	Pioneer 25R50	88.25
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



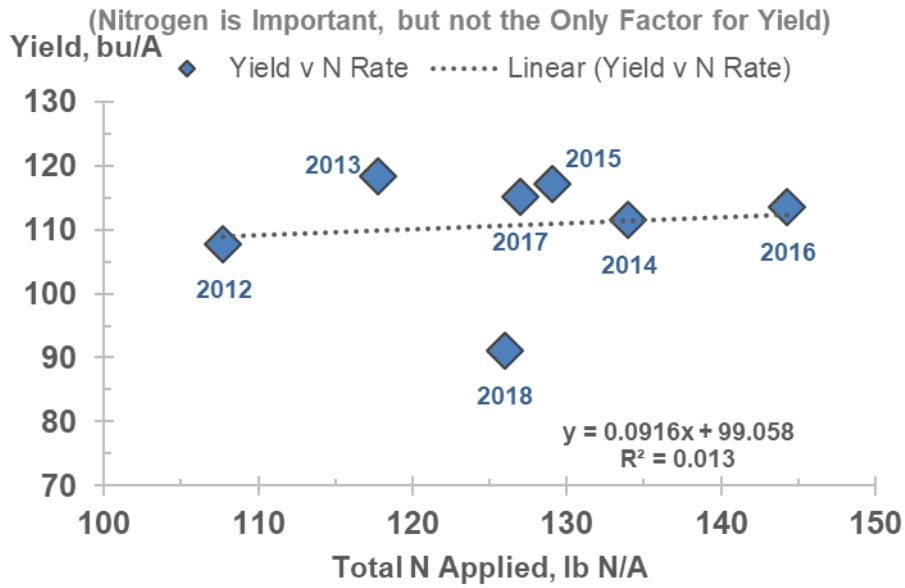
KY Wheat Yield Contest State Champion Yields



Common Practices from Kentucky Wheat Contest Winners 2012-2018



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

