

2022 Wheat Yield Contest

Awards & Practices

Sponsored by the University of Kentucky Cooperative Extension Service and Kentucky Small Grains Growers & Agribusinesses

Travelling Trophy Sponsors:



2022 Kentucky State Champions

Division	Farmer and/or Farm	County	Area	Variety	Yield, Bu/A
No-Till Wheat Champion: Don Halcomb Travelling Trophy Sponsored by Siemer Milling Company					
No-Till	S & J Emmick	Hancock	2	Pioneer 25R59	132.68
Tillage Wheat Champion: Kentucky Small Grain Growers Travelling Trophy					
Tillage	Camron Clay, Mark Wells	Union	2	AgriMaxx 505	121.91

2022 Area Winners

Area	Farmer and/or Farm	County	Division	Variety	Yield, Bu/A
1	Rudy Hall	Todd	No-Till	AgriMaxx 513	121.53
2	First Class Farms - Tanner Stroup	Hancock	No-Till	Croplan 9203	123.47
3	Walnut Grove Farms	Logan	No-Till	Pioneer 26R59	123.24
4	Peterson Farms	Mercer	No-Till	AgriMaxx 454	113.07

Area 1: Purchase & Pennyrite; Area 2: Green River; Area 3: Mammoth Cave; Area 4: Rest of the State

100 Bushel Club

Division	Farmer and/or Farm	County	Area	Variety	Yield, Bu/A
No-Tillage	Triple Oaks Farm	Warren	3	AgriMaxx 503	120.65
No-Tillage	Royal Diamond Farms	Todd	1	AgriMaxx 513	118.92
No-Tillage	Jeff Coke	McLean	2	Pioneer 25R28	118.08
No-Tillage	S/S Farms	Hancock	2	AgriMaxx 513	116.73
Tillage	Hendrickson Farms	Union	2	AgriMaxx 513	113.82
No-Tillage	Rudy Hall	Todd	1	AgriMaxx 513	110.87
No-Tillage	Jacob Fleming	Simpson	3	Pioneer 26R59	107.84
Tillage	Hendrickson Farms	Union	2	AgriMaxx 513	106.39
No-Tillage	Hunt Farms	Christian	1	Pioneer 25R61	106.54
Tillage	Glenn Thompson	Daviess	2	Pioneer 25R59	105.70
No-Tillage	Hunt Farms	Christian	1	Pioneer 25R61	103.92

Entrant

No-Tillage	Brian Thompson	Daviess	2	AgriMaxx 503	77.09
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2022 Supervisor Awards

Most Entries Supervised	Curt Judy	4	Entries
Top Three Average Yield	Curt Judy	118.82	Bu/acre
Other Supervisors	Clint Hardy	3	Entries
With Multiple Entries	Katie Hughes	3	Entries
	Matt Futtrell	2	Entries
	Evan Tate	2	Entries

Summary of Practices of State and Area Winners

	Yield, bu/A	Million Seeds/A†	Seed Rate, lb/A	Planting Date	Row Width, in	Varieties‡
Average	122.65	1.5	156	10/17/2021	7.5	AgriMaxx 454, AgriMaxx 505,
Min	113.07	1.2	147	10/7/2021	7.5	AgriMaxx 515, Croplan 9203, Pioneer
Max	132.68	1.8	170	10/27/2021	7.5	25R59 (2)

	Fall N, lb/A	Fall P205, lb/A	Fall K20, lb/A	Feb. N, lb/A	Mar. N, lb/A	Total N, lb/A ^α
Average	28	78	93	46	84	135
Min	9	23	30	25	78	69
Max	41	150	150	60	100	167

Other Fertilizers ^β	11 lb Sulfur (S) // 5.5 lb Magnesium (Mg) // 8 lb S // 30.6 lb S preplant+7 lb S at Feekes 3 + 7.8 lb at Feekes 5
Manure	Chicken Litter, 2T/A
Growth Regulator	Palisade (4)
Pest Management	Roundup fb Quelex; Miravis Ace; Warrior // Harmony; Miravis Ace; Fastac // Fall: Roundup; Spring: Pixxaro; Fitness fb Miravis Ace; Lamcap II // Harmony; Miravis Ace; Warrior, Lamda Cy // Zidua SC, Tarzec, 2,4-D LV6; Approach Prima, Miravis Ace; Lamcap II // Fierce, RoundUp Powermax, Harmony; TopGuard, Miravis Ace; Lampcap II

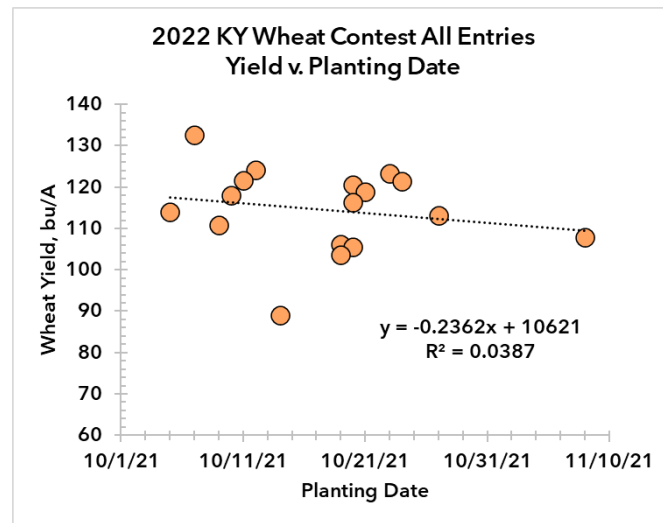
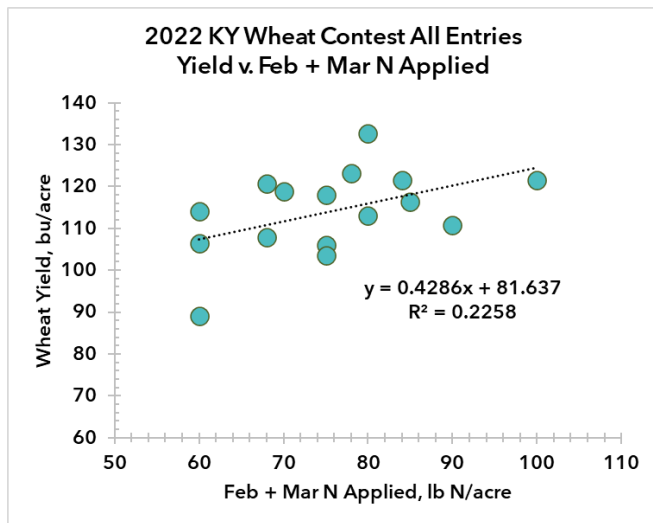
† Some farmers reported seed rate in million seeds per acre. Others reported pounds of seed per acre.

‡ No. between parenthesis () indicates no. of entries.

^α Total N includes nitrogen applied in the fall, in February, and in March.

^βTwo forward slashes // separates entries.

Figure 1. Wheat yield is correlated with N rate applied in February and March (left) but the highest nitrogen rate applied did not result in the highest yield. Wheat yield is weakly correlated to planting date (right) mostly because the second earliest planting date was the highest yield.



History of Kentucky Wheat Winners, Highest Overall Yields									
Year	Producer/Farm	County	Yield, Bu/A	Tillage Class*	Year	Producer/Farm	County	Yield, Bu/A	Tillage Class*
1987	Johnny Dawson	Logan	89.10		2005	Ronald and T.A. Stokes	Christian	123.71	till
1988	Kamuf Brothers	Daviess	122.05		2006	Pat Clements	Washington	108.36	no-till
1989	Johnny Dawson	Logan	104.32		2007	Sterett & Paul Miles	Hopkins	98.90	till
1990	J.C. Ellis, III	Daviess	100.50		2008	Elkin Farms	Warren	130.61	no-till
1991	Triple Oaks Farm	Warren	83.10		2009	Peterson Farms	Nelson	104.53	no-till
1992	Larry Thompson	Logan	100.64		2010	Peterson Farms	Nelson	104.19	no-till
1993	Miller Brothers	Todd	108.39		2011	Double P Farms	Todd	112.07	till
1994	Don Halcomb	Logan	119.58		2012	Clark Farms	Graves	115.41	till
1995	Jonathan Ayer	McLean	102.14		2013	Jeff Coke	Daviess	121.80	till
1996	Whitlock Farms	Logan	99.81		2014	Jeff Coke	Daviess	120.26	till
1997	James Robertson	Todd	110.89	till	2015	Keith Hendrickson	Union	134.27	till
1998	Cundiff Farms	Trigg	81.85	till	2016	Kyle Bugg	Graves	123.01	till
1999	Joe Neal Ballance	Warren	116.4	till	2017	J. Stephen Emmick and Sons	Hancock	126.46	no-till
2000	David Hatton	Bath	120.94	no-till	2018	S & J Emmick	Hancock	99.59	no-till
2001	Keith Ayer	McLean	121.27	till	2019	Corn Silks Farms	Logan	126.88	no-till
2002	Gene & William Boswell	Hancock	105.93	no-till	2020	Hendrickson Farms	Union	105.73	till
2003	Bruce Benson	Webster	109.53	till	2021	Glenn Thompson	Daviess	131.89	till
2004	Burton Farms	Wayne	102.02	no-till	2022	S & J Emmick	Hancock	132.68	no-till

* Tillage classes began in 1997.

Figure 2. Comparison of no-till (green) and tilled (brown) state champion yields since 1997.

