



2026-2027 Wheat Update



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Wheat yield performance trials were conducted during the 2025-2026 growing season by the Arkansas Wheat Variety Testing Program, under the direction of John Carlin, to provide information on yield potential, agronomic characteristics, and disease reactions of commercially available and experimental wheat lines and varieties. Variety selection is essential for successful and profitable wheat production. This publication summarizes the Arkansas Wheat Variety Testing Program results from the 2025-2026 growing season for commercially available varieties only, including two-year average yields (when available), disease reactions to common diseases observed in Arkansas in 2026, and agronomic characteristics such as test weight, plant height, and heading date. It is designed to help producers select adapted, high-yielding, and disease-resistant varieties. The full Arkansas Wheat OVT trial report is available at: <https://aes.uada.edu/variety-testing/>

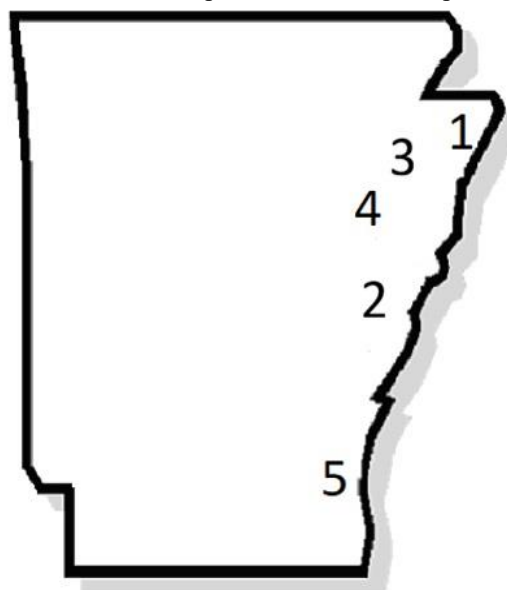


FIGURE 1. LOCATIONS OF ARKANSAS WHEAT PERFORMANCE TESTS 2026

- 1 – Northeast Research and Extension Center, Keiser - Sharkey Silty Clay/Steele Complex
- 2 – Lon Mann Cotton Research Station, Marianna - Calloway Silt Loam
- 3 – Northeast Rice Research and Extension Center, Harrisburg – Henry Silt Loam
- 4 – Pine Tree Research Station, Colt – Calhoun Silt Loam
- 5 – Rohwer Research Station, Rohwer Rilla/McGehee Silt Loam

Methods

Wheat varieties and experimental lines were submitted by seed companies and public institutions and evaluated to enable an unbiased performance comparison. In general, recommended cultural practices for wheat production in Arkansas were followed. All locations were planted into conventionally tilled seedbeds between October 14 and 25 using small-plot planters.

Each trial included 27 varieties and experimental lines, replicated four times in a randomized complete block design. A seeding rate of 105 lb/A was used for all varieties at each location. Recommended production practices were followed, and pests were controlled as needed. No foliar fungicides were applied, except at the Pine Tree site, where both a fungicide-treated and an untreated trial were conducted. Plots were harvested with a small-plot combine, and yields were adjusted to 13 percent moisture.

For further details on methods and results from performance trials, consult the Small-Grain Cultivar Performance Tests 2025-26, Arkansas Agricultural Experiment Station, available at: <https://aes.uada.edu/variety-testing/>

Table 1. Arkansas Wheat Performance Trials, Yield Summary of Commercially Available Varieties, 2026.

	-----2026 Yield (Bu./ac)-----					
Entry Name	Harrisburg	Keiser	Marianna	Pine Tree	Pine Tree w/Fungicide	All Trial Average
AgriMAXX 543	93.0	65.8	50.0	64.5	75.3	69.7
AgriMAXX 553	88.5	69.8	59.2	68.9	80.7	73.4
AgriMAXX 564	93.6	73.7	55.6	61.3	56.5	68.2
AgriMAXX 575	106.2	68.8	62.2	68.5	78.8	76.9
Dyna-Gro 9120	92.4	63.6	55.5	60.7	79.9	70.4
Dyna-Gro 9151	89.4	62.2	58.2	59.3	70.4	67.9
Dyna-Gro 9231	83.0	60.1	58.2	67.4	80.8	69.9
Dyna-Gro 9393	95.9	67.9	52.3	69.9	81.6	73.5
Dyna-Gro 9570	87.5	55.6	55.7	62.6	79.9	68.3
Dyna-Gro 9593	92.3	68.2	60.6	69.0	76.9	73.4
Dyna-Gro 9632	91.0	67.5	50.2	70.5	80.9	72.0
USG 3246	92.4	62.5	50.8	60.7	67.8	66.8
USG 3755	85.8	52.7	55.5	67.3	87.8	69.8
USG 3884	92.0	64.4	58.4	69.0	82.8	73.3
Mean	91.6	64.5	55.9	65.7	77.2	71.0

Table 2. Arkansas Wheat Performance Trials, Yield Summary of Commercially Available Varieties, 2023, 2024 and 2026. (No trials were reported in 2025)

	-----2-year Average Yield (Bu./ac)-----		
Entry Name	Keiser	Marianna	Pine Tree
Dyna-Gro 9593	66.8	70.3	74.7
AGRIMAXX 543	---	---	75.1
AGRIMAXX 553	---	---	78.4
Dyna-Gro 9120	63.1	58.8	69.7
Dyna-Gro 9151	62.1	63.4	63.4
Dyna-Gro 9231	---	---	70.7
Dyna-Gro 9393	64.1	56.6	70.6
Dyna-Gro 9632	---	---	79.7
USG 3755	---	---	67.6
USG 3884	62.3	68.5	74.6
Mean	63.7	63.5	72.5

Table 3. Agronomic Characteristics of Commercially Available Varieties in Arkansas Performance Trials, 2026.*

Entry Name	Test Weight Lb/bu	Plant Height Inches	Heading Date	Head Type
AgriMAXX 543	56.2	27	7-Apr	Smooth
AgriMAXX 553	56.0	27	8-Apr	Awed
AgriMAXX 564	57.9	28	8-Apr	Awed
AgriMAXX 575	55.8	27	7-Apr	Awed
Dyna-Gro 9120	58.1	27	8-Apr	Awed
Dyna-Gro 9151	58.1	29	8-Apr	Awed
Dyna-Gro 9231	56.0	29	8-Apr	Awed
Dyna-Gro 9393	56.8	27	8-Apr	Awed
Dyna-Gro 9570	55.7	28	8-Apr	Awed
Dyna-Gro 9593	56.5	29	8-Apr	Awed
Dyna-Gro 9632	55.5	27	8-Apr	Awed
USG 3246	56.9	27	5-Apr	Tip-Awed
USG 3755	56.1	26	9-Apr	Smooth
USG 3884	56.9	29	8-Apr	Awed
Mean	56.6	28	8-Apr	---

*Summary of all location data on commercially available entries in all 2026 trials.

Table 4. Disease Reactions of Commercially Available Varieties in Arkansas Performance Trials, 2026.*

Entry Name	Leaf Rust Severity, 0-9 Rating	Septoria Tritici Blotch Severity, 0-9 Rating	Fusarium Head Blight Severity, 0-9 Rating
AgriMAXX 543	2.2	0.6	1.0
AgriMAXX 553	3.9	0.7	1.1
AgriMAXX 564	1.7	0.6	1.7
AgriMAXX 575	2.4	0.4	1.3
Dyna-Gro 9120	3.2	0.5	1.4
Dyna-Gro 9151	3.8	0.5	1.2
Dyna-Gro 9231	3.3	0.5	1.6
Dyna-Gro 9393	3.5	0.5	1.5
Dyna-Gro 9570	4.1	0.8	1.9
Dyna-Gro 9593	4.0	0.5	1.6
Dyna-Gro 9632	3.9	1.0	1.1
USG 3246	2.0	0.7	1.3
USG 3755	3.5	1.4	1.4
USG 3884	4.0	0.7	1.6
Mean	3.2	0.7	1.4

*Disease ratings were visually rated based on a 0-9 scale, where the higher number represents higher disease levels. Ratings summarize all available data collected in OVT variety testing trial in 2026. Individual trial disease reactions can be found at: <https://aaes.uada.edu/variety-testing/>