

2025 Arkansas Soybean Performance Results, Disease Rating, and Agronomic Characteristics

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Hundreds of soybean varieties are commercially available to growers in Arkansas. Varietal performance, including yield, varies according to location, environmental adaptability to soils, maturity, lodging, height, disease and nematode resistance, and herbicide and chloride sensitivity. This information listed in this publication is largely derived from the University of Arkansas System Division of Agriculture Soybean Performance Trials and screening programs and is provided as an aid in variety selection.

Since proper variety selection involves knowledge of yield potential, maturity, disease reaction, herbicide sensitivity, etc., these and many other important characteristics are listed in **Tables 10 and 11**. Varieties are considered adapted to Arkansas conditions based primarily on their yield performance across the different geographical regions of Arkansas. The location, soil description, and cultural information for each of the 2024 Arkansas Soybean Performance Tests are found in **Tables 1 and 2**. **All varieties listed in this**

publication have been tested in the University of Arkansas System Division of Agriculture's Soybean Performance Trials.

Soybean variety performance may vary from year to year, and two-year averages are better predictors of performance than data from a single year. Superior performance across several locations suggests that a variety has wide adaptability, thus multi-year and multi-location yields are particularly useful for making variety selection decisions.

ADAPTED SOYBEAN VARIETIES FOR EARLY SOYBEAN PRODUCTION

Generally, varieties within MG IV are the best adapted for these early (April) plantings in Arkansas; however, there are situations where varieties from MG III and V may perform well. Recent research indicates that indeterminate MG IV varieties can produce acceptable yield when planted early (April) and will normally mature in August through mid-September. Varieties of differing relative maturity (even within the same

MG) are recommended in an attempt to spread out the risk of shattering due to adverse weather conditions or mechanical problems at harvest. In Arkansas, the following designations apply to varieties representing the various MG's: III – very early maturity; IV – early maturity; and V – mid-season maturity.

ABOUT THIS PUBLICATION

Tables 1 and 2 consist of cultural information that pertains to the 2025 University of Arkansas System Division of Agriculture's Soybean Performance Trials (<http://arkansas-variety-testing.uark.edu>). **Tables 3 through 8** contain varietal yield information for 2024 and 2025 for the Early-Planted tests, Full-Season Irrigated Tests, Late Planted Test, and Non-irrigated Test. **Tables 9 and 10** contain the many varietal characteristics of those varieties designated as being adapted to the Arkansas soybean production environment.

Users of this publication are encouraged to review the "Key Code" page for further explanation regarding varietal rating to disease, herbicide sensitivity and other agronomic considerations.

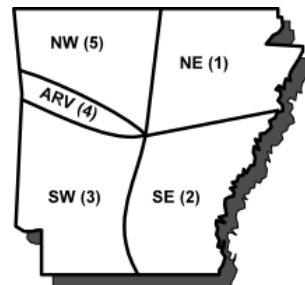


Figure 1. Area of Adaptation for Soybean Maturity Groups for All Production Systems

Northeast Arkansas (1): Groups III, IV, or V

Southeast Arkansas (2): Groups III, IV, or V

Southwest Arkansas (3): Groups III, IV, or V

Arkansas River Valley (4): Groups III, IV, or V

Northwest Arkansas (5): Groups IV or V

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Acknowledgements are extended to the host of University of Arkansas System Division of Agriculture workers for their significant contributions to this update.

2025 Soybean Update

Table 1. Location, Soil Description, and Cultural Information of Early-Planted Soybean Performance Trials, 2025.¹

Location	Planting Target	Irrigation	Soil Texture	Row Spacing	Planting Date	Harvest Dates		
						Early 4	Late 4	MG 5
Northeast Rice Research Center, Harrisburg, Ark.	Early Planting Trial	Irrigated	Henry, Silt Loam	Single 30"	4/18	10/13	10/13	•
Rice Research and Extension Center, Stuttgart, Ark.	Early Planted Trial	Irrigated	Dewitt, Silt Loam	Single 30"	4/22	10/13	10/13	•

Table 2. Location, Soil Description, and Cultural Information of Full-Season, and Late-Planted Soybean Performance Trials, 2025.¹

Location	Planting Target	Irrigation	Soil Texture	Row Spacing	Planting Date	Harvest Dates		
						Early 4	Late 4	MG 5
Northeast Research and Extension Center, Keiser, Ark.	Traditional Planting	Irrigated	Sharkey, Silty Clay	Single 30"	5/19	10/3	10/13	10/16
Northeast Rice Research and Extension Center, Harrisburg, Ark.	Traditional Planting	Irrigated	Henry, Silt Loam	Single 30"	5/15	10/10	10/10	10/16
Vegetable Research Station, Kibler, Ark.	Traditional Planting	Irrigated	Dardanelle, Silt Loam	Twin 36"	6/11	10/16	10/21	10/21
Lon Mann Cotton Research Station, Marianna, Ark. *	Traditional Planting	Irrigated	Loring, Silt Loam	Single 38"	5/15	10/16	10/16	10/16
Jackson County Extension Center, Newport, Ark.	Traditional Planting	Irrigated	Beulah Fine, Sandy Loam	Single 30"	6/4	10/15	10/15	10/15
Pine Tree Research Station, Colt, Ark.	Traditional Planting	Irrigated	Calloway, Silt Loam	Single 30"	5/16	10/25	11/1	10/25
Rohwer Research Station, Rohwer, Ark.	Traditional Planting	Irrigated	Hebert, Silt Loam	Single 38"	6/3	10/15	10/15	10/15
Rice Research and Extension Center, Stuttgart, Ark.	Traditional Planting	Irrigated	Dewitt, silt loam	Single 30"	6/6	11/14	11/14	11/14

*Location Experience significant lodging

The KEY CODE for all the following tables is found on the back pages. Refer to the KEY CODE for a description of the abbreviated varietal characteristics.

HOW TO MAKE YIELD COMPARISONS USING THE FOLLOWING TABLES: The LSD (0.05), Least Significant Difference, represents the minimum yield difference required between two varieties within the same location before concluding that their yields are truly different (while assuming a 5% risk that the yield differences are due to random chance.) Use only the LSD value listed below each column (location-maturity group) to compare variety yield averages among varieties within that column.

Note: “Lighter Shading” of a variety mean indicates that there are no statistical differences between that varietal mean and the highest yielding (“Darker Shading”) varietal mean at the test location utilizing the appropriate LSD (0.05) value.

2025 Soybean Update

Table 3. Yields (bu/ac) of Maturity Group IV soybean varieties and Experimental Lines in the Early-Planted Tests at Harrisburg and Stuttgart, AR, 2025.¹

Variety/Experimental Line	Herbicide Technology	Relative Maturity	Harrisburg bu./ac	Stuttgart bu./ac
AG43XF5	RR2XF	4.3	98.5	71.7
AG44XF4	RR2XF	4.4	95.2	66.4
AG45XF3	RR2XF	4.5	101.8	76.1
AG46XF3	RR2XF	4.6	97.8	74.4
AG47XF2	RR2XF	4.7	89.7	71.2
AG48XF2	RR2XF	4.8	104.6	66.4
AG48XF3	RR2XF	4.8	104.3	75.0
AG48XF5	RR2XF	4.8	100.0	72.6
AG49XF4	RR2XF	4.9	88.2	73.9
AG50XF5	RR2XF	5.0	114.4	85.1
AG52XF5	RR2XF	5.2	103.6	70.0
Confluence Genetics BH39A150	Conv.	3.9	73.4	55.4
Confluence Genetics BH39A232	Conv.	3.9	86.3	65.6
Confluence Genetics BH45Q208	Conv.	4.5	84.1	60.4
Confluence Genetics N44D923S	Conv.	4.4	79.7	50.6
Delta Grow DG48XF70STS	RR2XF	4.8	111.5	74.0
Delta Grow DG49XF70STS	RR2XF	4.9	104.7	69.8
Dyna-Gro S48XF35	RR2XF	4.8	94.1	69.0
Pioneer P43Z44SE	Enlist E3	4.3	102.2	68.9
Pioneer P44Z67BE	Enlist E3	4.4	96.1	64.6
Pioneer P45Z75E	Enlist E3	4.5	110.0	74.8
Pioneer P46Z26E	Enlist E3	4.6	89.4	66.2
Pioneer P47Z15BE	Enlist E3	4.7	116.7	69.9
Pioneer P48Z73E	Enlist E3	4.8	110.5	64.9
Pioneer P49Z02E	Enlist E3	4.9	103.6	70.4
Pioneer P50Z95E	Enlist E3	5.0	115.5	75.7
Progeny 4604XFS	RR2XF	4.6	93.5	74.3
Progeny 4623XF	RR2XF	4.6	103.2	72.7
Progeny 4724XFS	RR2XF	4.7	83.9	68.4
Progeny 4734XFS	RR2XF	4.7	113.2	66.9
Progeny 4824XF	RR2XF	4.8	105.0	73.9
Progeny 4842XFS	RR2XF	4.8	105.8	83.7
Progeny 4848XF	RR2XF	4.8	104.8	81.7
Progeny 4947XFS	RR2XF	4.9	107.0	71.1
Progeny 4999E3S	Enlist E3	4.9	100.3	68.0
R19C-1035	Conv.	4.5	94.8	79.6
R20-1870	Conv.	4.6	83.1	70.8
R21C-02295	Conv.	4.3	90.4	66.3
R22KB-00989	Conv.	4.4	102.1	67.7
R22KB-07724	Conv.	4.0	90.2	56.8
R22KB-17158	Conv.	4.0	92.9	65.5
R23PR-00037E	Enlist E3	4.9	89.9	70.2
R23PR-00038E	Enlist E3	4.8	89.0	72.7
R23PR-00043E	Enlist E3	4.3	96.8	68.9
R23PR-00055E	Enlist E3	4.5	83.3	69.8
R23PR-00058E	Enlist E3	4.6	94.1	74.1
R23PR-00068E	Enlist E3	4.7	84.3	67.5
R23PR-00100E	Enlist E3	4.4	96.0	53.7
Grand Mean			97.0	69.4
LSD			10.2	8.8
C.V.			7.8	9.4

2025 Soybean Update

Table 4. 2025 Yield, 2-Year, and 3-Year Average Yield (bu/ac) of Relative Maturity 4.0-4.5 Non-Xtend Soybean Varieties/ Experimental Lines Across Arkansas. ^{1,2,5,6}

Variety/Experimental Line	2025 Harrisburg	2-Year Avg Harrisburg	2025 Keiser	2-Year Avg Keiser	2025 Marianna ^b	2-Year Avg Marianna	2025 Newport	2-Year Avg Newport	2025 Pine Tree	2-Year Avg Pine Tree	2025 Rohwer	2-Year Avg Rohwer	2025 Stuttgart	2-Year Avg Stuttgart
	bu/ac													
Confluence Genetics BH39A150	88.3	•	67.4	•	57.0	•	79.0	•	54.4	•	72.8	•	40.4	•
Confluence Genetics BH39A232	92.3	•	68.6	•	61.7	•	82.7	•	62.6	•	73.4	•	35.4	•
Confluence Genetics BH45Q208	83.1	•	60.4	•	57.7	•	75.0	•	70.5	•	67.7	•	47.9	•
Confluence Genetics BX39C784	85.6	•	71.0	•	62.9	•	83.1	•	65.1	•	68.6	•	44.2	•
Confluence Genetics N44D923S	85.0	•	66.3	58.5	58.5	46.5	75.6	73.4	60.8	57.9	71.3	•	47.7	54.6
R18C-1877:0017	78.5	•	51.7	48.2	41.4	36.6	62.0	61.2	54.0	56.4	48.7	64.9	39.8	49.8
R19C-1035	84.7	76.1	52.3	51.1	58.8	49.6	76.8	70.0	73.9	66.1	67.4	•	69.0	69.2
R20C-1516	80.3	•	57.7	53.4	52.3	44.3	67.0	64.4	60.7	60.8	64.0	•	46.4	56.6
R21C-02295	77.5	•	65.8	57.5	58.6	46.7	77.8	74.2	67.2	63.3	65.0	•	56.8	60.7
R22KB-00989	95.5	•	64.9	•	48.7	•	79.1	•	67.9	•	63.1	•	50.6	•
R22KB-02989	77.4	•	59.5	•	49.4	•	68.6	•	55.4	•	61.0	•	39.2	•
R22KB-07724	82.8	•	70.5	•	66.5	•	80.5	•	60.0	•	72.7	•	46.2	•
R22KB-09998	84.2	•	64.7	•	50.2	•	72.9	•	56.2	•	62.7	•	44.4	•
R22KB-17158	82.8	•	51.3	•	47.4	•	67.6	•	60.7	•	64.1	•	38.8	•
S21-11102	75.9	•	66.8	•	61.7	•	77.5	•	76.4	•	76.1	•	60.2	•
S21-20276	88.4	•	61.8	•	51.7	•	76.3	•	60.0	•	60.4	•	51.0	•
S21-22067	87.5	•	67.6	•	52.2	•	74.7	•	60.9	•	62.5	•	54.0	•
GRAND MEAN	85.4	•	65.7	•	56.0	•	76.2	•	64.0	•	67.4	•	49.2	•
LSD (5%)	7.6	•	4.4	•	4.2	•	5.5	•	3.6	•	4.0	•	6.5	•
C.V.	6.4	•	4.9	•	5.4	•	5.3	•	4.1	•	4.4	•	9.7	•

^bLocation experienced significant lodging

2025 Soybean Update

Table 5. 2025 Yield and 2-Year Average Yield (bu/ac) of Relative Maturity 4.0-4.5 Xtend Soybean Varieties/ Experimental Lines Across Arkansas.^{1,2,4,5,6}

Variety/Experimental Line	2025 Harrisburg	2-Year Avg Harrisburg	2025 Keiser	2-Year Avg Keiser	2025 Marianna	2-Year Avg Marianna	2025 Newport	2-Year Avg Newport	2025 Pine Tree	2-Year Avg Pine Tree	2025 Rohwer	2-Year Avg Rohwer	2025 Stuttgart	2-Year Avg Stuttgart
	bu./ac.													
Asgrow AG43XF5	98.6	•	86.7	•	44.3	•	77.6	•	87.3	•	67.5	•	66.3	•
Asgrow AG44XF4	101.0	91.2	85.1	76.0	53.7	47.8	77.0	79.7	83.1	77.6	65.4	69.3	61.4	71.3
Asgrow AG45XF3	87.9	86.3	68.3	59.9	45.3	43.3	67.4	68.6	66.5	67.3	56.1	67.6	56.5	63.3
Armor 44-F46S	98.2	•	85.5	•	52.6	•	79.6	•	83.6	•	67.6	•	58.4	•
Armor 45-E56	102.6	•	80.4	•	59.5	•	81.3	•	87.1	•	66.4	•	65.8	•
Armor 45-F86S	102.4	•	83.6	•	55.6	•	80.9	•	83.3	•	60.8	•	61.4	•
Dyna-Gro S43XF85S	102.8	•	81.1	69.5	44.4	43.3	74.1	77.4	76.3	73.0	57.9	•	65.4	71.2
Gateway 457XFS	94.9	•	80.6	•	40.8	•	76.1	•	75.4	•	65.0	•	62.1	•
Innvictis A4534XF	108.7	•	89.6	•	46.4	•	77.7	•	80.1	•	61.8	•	61.0	•
Innvictis B4553E	98.5	•	83.6	72.0	53.5	43.4	80.3	77.7	86.6	77.7	72.2	•	68.8	71.7
Integra XF4454S	96.6	85.7	80.0	72.3	46.2	42.7	75.7	78.2	75.8	75.0	60.3	65.3	61.6	68.2
Integra XF4585S	99.1	•	81.0	71.7	44.3	43.7	81.6	78.0	86.0	78.2	67.7	•	69.0	73.3
Pioneer P43Z44SE	98.4	•	69.5	65.2	57.7	47.9	79.7	81.2	80.2	81.6	64.5	•	65.0	66.2
Pioneer P44Z67BE	105.0	•	83.2	•	57.5	•	87.5	•	83.3	•	71.6	•	63.4	•
Pioneer P45Z75E	110.3	•	82.0	74.6	61.2	49.6	82.2	82.7	85.5	82.5	69.7	•	69.7	73.6
R23PR-00036E	79.2	•	57.6	•	47.3	•	69.3	•	71.4	•	58.0	•	48.5	•
R23PR-00043E	90.7	•	66.0	•	52.9	•	68.3	•	67.6	•	57.2	•	64.7	•
R23PR-00045E	91.2	•	66.6	•	53.1	•	71.9	•	76.4	•	57.9	•	62.7	•
R23PR-00055E	92.4	•	64.6	•	54.1	•	72.3	•	77.3	•	53.9	•	51.9	•
R23PR-00091E	90.5	•	71.1	•	49.7	•	59.1	•	72.7	•	62.3	•	70.0	•
R23PR-00100E	84.1	•	69.6	•	49.0	•	63.5	•	72.6	•	55.7	•	58.3	•
Revere 39-F94	91.5	•	79.1	•	50.8	•	72.6	•	67.1	•	60.5	•	39.6	•
Revere 44-F44	97.1	•	87.2	74.1	50.2	49.4	80.4	79.9	85.2	77.7	70.3	•	73.1	74.1
USG 7435XFS	99.0	•	78.5	67.9	47.4	45.3	70.8	76.7	76.7	75.3	60.1	•	64.5	69.3
GRAND MEAN	96.7	•	77.5	•	50.7	•	75.3	•	78.6	•	62.9	•	62.0	•
LSD (5%)	5.2	•	4.4	•	10.6	•	9.9	•	4.5	•	8.2	•	5.8	•
C.V.	3.9	•	4.2	•	15.3	•	9.6	•	4.2	•	9.5	•	6.8	•

2025 Soybean Update

Table 6. 2025 Yield and 2-Year Average Yield (bu/ac) of Relative Maturity 4.6-5.3 Non-Xtend Soybean Varieties/Experimental Lines Across Arkansas.^{1,2,5,6}

Variety/Experimental Line	2025 Harrisburg	2-Year Avg Harrisburg	2025 Keiser	2-Year Avg Keiser	2025 Marianna ^b	2-Year Avg Marianna	2025 Newport	2-Year Avg Newport	2025 Pine Tree	2-Year Avg Pine Tree	2025 Rohwer	2-Year Avg Rohwer	2025 Stuttgart	2-Year Avg Stuttgart
	bu/ac													
R18-14693:0004	80.1	•	59.4	54.6	56.5	49.8	69.9	68.7	60.4	58.9	59.4	•	54.4	60.8
R19-4593	79.9	72.0	66.1	56.5	61.5	51.0	81.7	76.1	76.7	73.1	66.2	66.0	65.2	68.5
R19-45980	83.6	76.1	73.5	59.0	65.1	51.7	83.9	73.1	73.3	70.2	62.7	63.5	65.3	67.4
R20-1870	74.4	•	62.6	58.1	56.9	48.7	67.4	64.9	68.6	65.0	59.6	•	59.3	65.3
R21KB-03720	89.8	•	71.4	•	66.3	•	85.2	•	83.4	•	70.8	•	61.3	•
R22KB-00870	89.8	•	63.2	•	59.7	•	77.5	•	73.7	•	70.2	•	58.3	•
S21-11211	80.0	•	65.9	•	52.4	•	73.1	•	62.0	•	57.0	•	56.0	•
S21-15672	80.1	•	67.1	•	61.2	•	64.3	•	73.0	•	55.1	•	53.4	•
S21-20065	88.3	•	75.6	•	62.9	•	71.3	•	77.4	•	67.1	•	66.1	•
S21-7836	75.3	•	67.2	•	56.3	•	76.2	•	63.0	•	62.1	•	67.0	•
GRAND MEAN	82.6	•	69.7	•	60.6	•	76.1	•	71.2	•	64.8	•	61.3	•
LSD (5%)	10.0	•	4.8	•	4.5	•	8.6	•	6.0	•	6.3	•	6.4	•
C.V.	8.6	•	4.9	•	5.3	•	8.1	•	6.0	•	6.9	•	7.5	•

^bLocation experienced significant lodging

2025 Soybean Update

Table 7. 2025 Yield and 2-Year Average Yield (bu/ac) of Relative Maturity 4.6-4.9 Xtend Soybean Varieties/Experimental Lines Across Arkansas. ^{1,3,4,5,6}

Variety/Experimental Line	2025 Harrisburg	2-Year Avg Harrisburg	2025 Keiser	2-Year Avg Keiser	2025 Marianna ^b	2-Year Avg Marianna	2025 Newport	2-Year Avg Newport	2025 Pine Tree	2-Year Avg Pine Tree	2025 Rohwer	2-Year Avg Rohwer	2025 Stuttgart	2-Year Avg Stuttgart
	bu/ac													
Asgrow AG46XF3	83.7	80.8	64.3	56.0	51.1	44.8	71.2	61.6	67.2	68.2	61.9	68.5	58.7	64.2
Asgrow AG47XF2	88.3	84.4	82.4	73.5	52.9	51.6	83.5	71.4	76.9	76.5	69.2	71.7	51.3	64.8
Asgrow AG48XF2	96.6	•	75.0	•	34.4	•	79.4	•	68.8	•	62.5	•	61.5	•
Asgrow AG48XF3	87.3	83.4	68.1	60.5	52.5	47.0	75.3	67.6	65.2	67.9	64.7	69.5	61.6	69.4
Asgrow AG48XF5	91.9	•	82.4	•	56.9	•	77.6	•	72.1	•	68.3	•	73.0	•
Asgrow AG49XF4	96.4	•	84.6	73.0	54.9	53.1	84.6	68.6	79.9	78.6	76.4	•	63.9	71.9
Armor 46-F15S	88.5	•	74.1	•	56.6	•	81.8	•	73.5	•	70.8	•	62.8	•
Armor 47-E46S	91.9	•	67.1	•	55.5	•	88.0	•	83.2	•	73.4	•	68.8	•
Armor 47-F66S	103.9	•	87.8	•	63.0	•	87.9	•	87.1	•	74.5	•	73.3	•
Armor 48-E45S	89.3	•	72.2	•	56.0	•	79.5	•	78.1	•	68.7	•	64.3	•
Armor 48-E95	97.6	•	64.4	•	51.0	•	84.9	•	81.8	•	65.6	•	65.6	•
Armor 48-F25S	93.4	•	79.3	•	55.5	•	84.3	•	77.5	•	72.5	•	61.3	•
Armor 48-F55S	97.9	•	80.9	•	51.7	•	83.7	•	83.1	•	70.5	•	72.0	•
Armor 49-E15S	90.7	•	68.3	•	60.6	•	74.2	•	86.4	•	70.7	•	63.7	•
Axis 4625XFS	92.4	•	77.9	63.9	53.1	47.6	83.7	69.2	71.9	73.4	68.3	•	63.7	72.0
Axis 4815XFS	100.9	•	80.7	67.7	52.8	52.3	81.2	66.9	83.8	79.6	69.1	•	71.5	76.5
Delta Grow DG46E30	93.2	•	81.0	•	50.4	•	73.9	•	85.5	•	69.1	•	63.1	•
Delta Grow DG48XF70STS	96.5	•	75.6	69.4	51.1	50.6	82.3	68.0	81.0	79.3	73.2	•	69.9	74.2
Delta Grow DG48XF80	96.0	•	81.9	69.8	54.4	48.8	87.2	74.1	82.2	78.1	76.2	•	74.1	75.4
Delta Grow DG49E30STS	88.5	•	63.3	•	46.6	•	72.2	•	71.2	•	62.5	•	60.0	•
Delta Grow DG49XF70STS	102.6	•	83.8	•	64.9	•	85.5	•	86.0	•	76.1	•	64.6	•
DONMARIO DM47F44S	103.1	•	83.1	69.1	53.2	51.0	84.3	70.1	82.8	79.4	70.0	•	66.5	75.0
DONMARIO DM48F53	91.3	84.4	78.1	68.9	54.2	51.8	83.4	77.6	75.7	76.9	68.9	71.2	61.3	71.8
Dyna-Gro S46XF26S	87.0	•	77.7	•	58.7	•	77.8	•	75.0	•	72.1	•	64.9	•
Dyna-Gro S47ES36	94.5	•	61.3	•	53.7	•	82.2	•	81.9	•	76.0	•	70.4	•
Dyna-Gro S48ES56	98.4	•	74.4	•	47.8	•	81.5	•	80.0	•	76.2	•	75.9	•
Dyna-Gro S48XF35	98.3	•	80.0	69.7	55.0	51.3	83.0	78.3	77.0	76.2	66.3	•	72.7	75.8
Gateway 479XFS	96.9	•	74.2	•	51.0	•	79.4	•	73.2	•	64.0	•	63.8	•
Gateway 487XFS	101.1	•	83.4	•	54.4	•	83.2	•	87.3	•	65.3	•	76.4	•
Innvictis A4564XF	85.1	•	76.6	•	53.1	•	70.5	•	75.0	•	64.4	•	56.9	•
Innvictis A4642XF	85.6	•	70.3	57.4	48.5	45.2	78.3	64.1	74.1	72.3	62.7	•	61.2	68.7
Innvictis A4755XF	100.4	•	88.7	•	61.3	•	87.8	•	77.7	•	71.8	•	67.4	•
Innvictis A4862XF	97.8	•	85.1	73.2	57.5	52.2	81.5	75.7	82.8	83.7	76.9	•	64.1	74.7
Innvictis A4924XF	90.5	•	71.0	62.3	47.9	46.1	73.5	64.2	72.8	74.9	60.4	•	57.6	67.5
Innvictis B4744E	91.6	•	72.7	•	57.0	•	80.9	•	79.0	•	60.0	•	71.1	•
Integra XF4634S	90.2	88.3	73.7	65.5	57.5	50.9	79.8	68.4	77.8	70.2	65.9	72.5	54.6	63.9
Integra XF4875S	95.5	•	81.4	68.7	51.0	51.4	80.3	66.3	82.4	79.6	66.8	•	73.7	78.6
GRAND MEAN	93.3	•	74.9	•	53.7	•	80.5	•	77.9	•	68.8	•	65.1	•
LSD (5%)	5.5	•	5.4	•	5.4	•	8.3	•	5.3	•	5.1	•	5.7	•
C.V.	4.4	•	5.3	•	7.4	•	7.6	•	5.0	•	5.5	•	6.5	•

^bLocation experienced significant lodging

2025 Soybean Update

Table 7. 2025 Yield and 2-Year Average Yield (bu/ac) of Relative Maturity 4.6-4.9 Xtend Soybean Varieties/Experimental Lines Across Arkansas.^{1,3,4,5,6} (continued)

Variety/Experimental Line	2025 Harrisburg	2-Year Avg Harrisburg	2025 Keiser	2-Year Avg Keiser	2025 Marianna ^b	2-Year Avg Marianna	2025 Newport	2-Year Avg Newport	2025 Pine Tree	2-Year Avg Pine Tree	2025 Rohwer	2-Year Avg Rohwer	2025 Stuttgart	2-Year Avg Stuttgart
	bu/ac													
Pioneer P46Z26E	97.1	•	79.1	•	53.2	•	91.6	•	85.4	•	75.1	•	65.9	•
Pioneer P47Z15BE	98.9	•	81.0	•	55.3	•	89.1	•	87.2	•	78.7	•	67.4	•
Pioneer P48Z73E	101.9	•	68.3	•	53.4	•	78.9	•	88.0	•	78.2	•	69.3	•
Pioneer P49Z02E	94.3	•	67.1	63.1	58.0	46.9	86.7	76.1	81.8	82.8	69.7	•	65.8	73.9
Progeny 4604XFS	91.4	•	78.0	•	49.2	•	80.2	•	75.6	•	60.6	•	67.9	•
Progeny 4623XF	94.8	•	75.0	•	53.7	•	79.7	•	74.5	•	66.7	•	58.2	•
Progeny 4724XFS	88.1	•	69.8	•	51.0	•	74.1	•	71.6	•	64.1	•	55.7	•
Progeny 4734XFS	94.7	•	78.6	•	50.2	•	74.3	•	71.4	•	72.4	•	65.1	•
Progeny 4824XF	92.9	•	71.6	•	53.7	•	78.8	•	73.0	•	68.9	•	60.3	•
Progeny 4842XFS	93.0	•	75.4	•	59.5	•	86.6	•	85.7	•	75.2	•	75.9	•
Progeny 4848XF	86.2	•	65.4	•	45.2	•	73.5	•	64.6	•	60.0	•	60.8	•
Progeny 4947XFS	99.2	•	80.9	•	52.3	•	87.4	•	85.6	•	66.2	•	67.2	•
Progeny 4999E3S	84.6	•	65.2	•	47.1	•	72.1	•	70.6	•	60.8	•	63.7	•
R23PR-00037E	82.3	•	62.4	•	57.2	•	63.3	•	67.9	•	59.5	•	57.7	•
R23PR-00038E	81.5	•	58.3	•	53.6	•	74.3	•	70.2	•	62.0	•	56.6	•
R23PR-00058E	84.4	•	67.5	•	56.7	•	70.6	•	71.4	•	61.1	•	62.6	•
R23PR-00068E	76.2	•	57.9	•	46.6	•	65.3	•	68.4	•	60.5	•	57.0	•
Revere 46-F17	99.4	•	79.0	•	55.6	•	84.4	•	80.5	•	71.1	•	61.8	•
Revere 47-E74	95.8	•	68.0	•	51.3	•	79.1	•	77.7	•	71.9	•	68.9	•
Revere 47-F77	96.2	•	74.1	63.8	51.4	49.2	81.9	69.5	75.6	76.3	71.3	•	64.3	70.9
Revere 48-F72	96.2	•	82.9	68.9	55.6	50.0	88.3	79.0	82.7	78.7	79.5	•	76.6	78.2
Revere 49-F36	105.8	•	82.5	72.2	54.2	51.8	79.8	66.3	79.8	78.5	70.4	•	68.5	75.6
Revere CT4925E3S	87.4	•	66.0	•	64.7	•	80.7	•	82.0	•	74.4	•	64.0	•
USG 7466ETS	87.1	•	65.3	•	51.0	•	83.8	•	72.2	•	63.9	•	59.7	•
USG 7476XF	97.8	•	87.4	•	61.4	•	88.9	•	84.1	•	76.9	•	59.6	•
USG 7487XFS	108.0	•	87.0	•	60.9	•	89.4	•	81.3	•	71.5	•	72.0	•
USG 7494ETS	87.3	•	67.1	•	47.8	•	72.4	•	74.3	•	63.6	•	64.4	•
USG 7495XFS	87.7	•	80.2	67.9	51.2	50.1	89.4	72.1	80.4	78.1	67.6	•	68.5	72.4
GRAND MEAN	93.3	•	74.9	•	53.7	•	80.5	•	77.9	•	68.8	•	65.1	•
LSD (5%)	5.5	•	5.4	•	5.4	•	8.3	•	5.3	•	5.1	•	5.7	•
C.V.	4.4	•	5.3	•	7.4	•	7.6	•	5.0	•	5.5	•	6.5	•

^bLocation experienced significant lodging

2025 Soybean Update

Table 8. 2025 Yield and 2-Year Average Yield (bu/ac) of Relative Maturity 5.0-5.9 Xtend Soybean Varieties/Experimental Lines Across Arkansas.^{1,2,5,6}

Variety/Experimental Line	2025 Harrisburg	2-Year Avg Harrisburg	2025 Keiser	2-Year Avg Keiser	2025 Marianna ^b	2-Year Avg Marianna	2025 Newport	2-Year Avg Newport	2025 Pine Tree	2-Year Avg Pine Tree	2025 Rohwer	2-Year Avg Rohwer	2025 Stuttgart	2-Year Avg Stuttgart
	bu/ac													
AG50XF5	95.1	•	81.3	•	45.5	•	86.1	•	77.1	•	76.5	•	76.8	•
AG52XF5	78.3	•	59.4	•	40.8	•	55.1	•	61.6	•	45.5	•	60.4	•
AG56XF2	93.4	80.6	77.9	62.8	61.5	54.7	84.7	72.3	81.0	63.0	78.1	62.7	77.4	72.9
Armor 50-E36S	91.9	•	79.4	•	53.7	•	83.0	•	83.1	•	80.2	•	76.6	•
Armor 54-F25	96.9	•	85.4	•	58.5	•	85.2	•	80.8	•	77.1	•	75.4	•
Armor 54-F34	87.2	•	74.2	60.9	54.2	50.7	87.7	77.2	71.4	60.6	69.3	•	70.5	71.8
DELTA GROW DG55XF23	76.5	•	52.5	50.6	44.1	44.7	61.2	56.7	62.6	63.9	55.7	•	66.3	66.8
Inn victis A5445XF	89.7	•	79.2	•	63.8	•	89.5	•	80.6	•	79.2	•	69.9	•
Inn victis B5115E	94.9	•	74.7	•	56.6	•	83.9	•	79.0	•	78.3	•	79.3	•
Pioneer P50Z95E	100.8	•	77.3	•	57.0	•	93.6	•	85.0	•	85.4	•	75.4	•
Progeny 5056XFS	90.5	•	75.9	•	45.4	•	82.8	•	72.1	•	72.1	•	73.5	•
R23PR-00033E	78.9	•	63.2	•	47.1	•	70.1	•	65.6	•	59.2	•	63.3	•
R23PR-00067E	76.9	•	56.0	•	45.9	•	64.5	•	62.1	•	58.4	•	51.0	•
Revere 51-F31	93.8	•	79.5	67.3	47.9	46.7	84.1	73.7	73.6	64.8	69.8	•	70.8	72.2
Revere 53-F84	92.4	•	80.8	65.3	43.8	47.5	76.4	63.1	72.5	64.5	72.8	•	74.6	73.7
USG 7543XF	83.9	•	68.4	58.2	40.0	43.5	74.5	59.5	71.2	59.3	70.4	•	74.1	73.0
GRAND MEAN	88.8	•	72.8	•	50.4	•	78.9	•	73.7	•	70.5	•	70.9	•
LSD (5%)	3.6	•	4.6	•	6.9	•	8.4	•	6.9	•	7.8	•	5.6	•
C.V.	2.9	•	4.6	•	9.8	•	7.7	•	6.8	•	8.0	•	5.7	•

^bLocation experienced significant lodging

2025 Soybean Update

Table 9. Nematode, Disease, and Chloride Sensitivity rating for soybean varieties in 2025 Arkansas Soybean Variety Performance Test.

Variety/Experimental Line	Relative Maturity	Herb. Tech	Frogeye Leaf Spot Rating ⁷	Stem Canker ⁸	RKN Field Rating ⁹	Chloride Rating ¹⁰
AG43XF5	4.3	RR2FX	VR	•	S	Strong Includer
AG44XF4	4.4	RR2FX	VR	•	VS	Strong Excluder
AG45XF3	4.5	RR2FX	VS	•	VS	Strong Excluder
AG46XF3	4.6	RR2FX	VS	•	VS	Strong Excluder
AG47XF2	4.7	RR2FX	MS	•	S	Moderate Includer
AG48XF2	4.8	RR2FX	MS	•	S	Strong Excluder
AG48XF3	4.8	RR2FX	S	•	S	Mixed
AG48XF5	4.8	RR2FX	VR	•	S	Moderate Includer
AG49XF4	4.9	RR2FX	VR	•	S	Strong Includer
AG50XF5	5.0	RR2FX	MS	•	VS	Strong Excluder
AG52XF5	5.2	RR2FX	S	•	MS	Strong Excluder
AG56XF2	5.6	RR2FX	VR	•	MR	Moderate Excluder
Armor 44-F46S	4.4	RR2FX	VR	•	VS	Strong Excluder
Armor 45-E56	4.5	Enlist E3	VR	MR	S	Strong Excluder
Armor 45-F86S	4.5	RR2FX	VR	•	S	Strong Includer
Armor 46-F15S	4.6	RR2FX	R	•	S	Strong Excluder
Armor 47-E46S	4.7	Enlist E3	VR	R	S	Strong Excluder
Armor 47-F66S	4.7	RR2FX	VR	•	VS	Strong Excluder
Armor 48-E45S	4.8	Enlist E3	S	R	S	Strong Excluder
Armor 48-E95	4.8	Enlist E3	S	MR	VS	Strong Excluder
Armor 48-F25S	4.8	RR2FX	S	•	VS	Strong Includer
Armor 48-F55S	4.8	RR2FX	VR	•	S	Strong Excluder
Armor 49-E15S	4.9	Enlist E3	VR	R	MS	Strong Excluder
Armor 50-E36S	5.0	Enlist E3	VR	MR	S	Strong Excluder
Armor 54-F25	5.4	RR2FX	VR	•	MR	Strong Excluder
Armor 54-F34	5.4	RR2FX	VR	•	MS	Strong Excluder
Axis 4625XFS	4.6	RR2FX	R	•	VS	Strong Excluder
Axis 4815XFS	4.8	RR2FX	VR	•	S	Strong Excluder
Confluence Genetics BH39A150	3.9	Conv.	VR	MR	VS	Moderate Includer
Confluence Genetics BH39A232	3.9	Conv.	S	MS	S	Moderate Includer
Confluence Genetics BH45Q208	4.5	Conv.	S	R	MS	Mixed
Confluence Genetics BX39C784	3.9	Conv.	VR	MR	S	Mixed
Confluence Genetics N44D923S	4.4	Conv.	MS	MS	S	Mixed
Delta Grow DG46E30	4.6	Enlist E3	VR	MR	S	Strong Excluder
Delta Grow DG48XF70STS	4.8	RR2FX	MS	•	VS	Moderate Excluder
Delta Grow DG48XF80	4.8	RR2FX	VR	•	S	Moderate Includer
Delta Grow DG49E30STS	4.9	Enlist E3	S	R	S	Moderate Excluder
Delta Grow DG49XF70STS	4.9	RR2FX	VR	•	VS	Strong Excluder
Delta Grow DG55XF23	5.5	RR2FX	VS	•	MR	Moderate Excluder
Donmario DM47F44S	4.7	RR2FX	VR	•	S	Strong Includer
Donmario DM48F53	4.8	RR2FX	VR	•	S	Strong Includer
Dyna-Gro S43XF85S	4.3	RR2FX	VR	•	S	Strong Includer
Dyna-Gro S46XF26S	4.6	RR2FX	MS	•	VS	Mixed
Dyna-Gro S47ES36	4.7	Enlist E3	VR	R	MS	Strong Excluder
Dyna-Gro S48ES56	4.8	Enlist E3	VR	R	S	Strong Includer
Dyna-Gro S48XF35	4.8	RR2FX	MS	•	VS	Strong Includer
Gateway 457XFS	4.5	RR2FX	R	•	S	Strong Excluder
Gateway 479XFS	4.7	RR2FX	MS	•	S	Strong Excluder
Gateway 487XFS	4.8	RR2FX	VR	•	VS	Moderate Excluder

2025 Soybean Update

Table 9. Nematode, Disease, and Chloride Sensitivity rating for soybean varieties in 2025 Arkansas Soybean Variety Performance Test. (Continued)

Variety/Experimental Line	Relative Maturity	Herb. Tech	Frogeye Leaf Spot Rating ⁷	Stem Canker ⁸	RKN Field Rating ⁹	Chloride Rating ¹⁰
Innictis A4534XF	4.5	RR2FX	VR	•	S	Strong Includer
Innictis A4564XF	4.5	RR2FX	VR	•	MS	Strong Excluder
Innictis A4642XF	4.6	RR2FX	S	•	S	Moderate Includer
Innictis A4755XF	4.7	RR2FX	VR	•	S	Strong Includer
Innictis A4862XF	4.8	RR2FX	VR	•	S	Strong Excluder
Innictis A4924XF	4.9	RR2FX	S	•	VS	Strong Excluder
Innictis A5445XF	5.4	RR2FX	VR	•	MR	Strong Includer
Innictis B4553E	4.5	Enlist E3	VR	MS	S	Strong Excluder
Innictis B4744E	4.7	Enlist E3	MS	MS	S	Strong Excluder
Innictis B5115E	5.1	Enlist E3	VR	MS	S	Mixed
Integra XF4454S	4.4	RR2FX	S	•	VS	Strong Includer
Integra XF4585S	4.5	RR2FX	VR	•	VS	Strong Excluder
Integra XF4634S	4.6	RR2FX	MS	•	S	Strong Excluder
Integra XF4875S	4.8	RR2FX	VR	•	S	Strong Excluder
Pioneer P43Z44SE	4.3	Enlist E3	S	MS	MR	Strong Excluder
Pioneer P44Z67BE	4.4	Enlist E3	VR	MR	S	Strong Excluder
Pioneer P45Z75E	4.5	Enlist E3	VR	R	VS	Strong Excluder
Pioneer P46Z26E	4.6	Enlist E3	VR	MR	S	Strong Excluder
Pioneer P47Z15BE	4.7	Enlist E3	VR	R	VS	Strong Excluder
Pioneer P48Z73E	4.8	Enlist E3	VR	R	S	Strong Excluder
Pioneer P49Z02E	4.9	Enlist E3	MS	MR	S	Strong Excluder
Pioneer P50Z95E	5.0	Enlist E3	MS	MR	S	Strong Excluder
Progeny 4604XFS	4.6	RR2FX	MS	•	VS	Moderate Includer
Progeny 4623XF	4.6	RR2FX	S	•	VS	Mixed
Progeny 4724XFS	4.7	RR2FX	VR	•	MR	Strong Excluder
Progeny 4734XFS	4.7	RR2FX	VR	•	S	Strong Includer
Progeny 4824XF	4.8	RR2FX	MS	•	S	Moderate Excluder
Progeny 4842XFS	4.8	RR2FX	S	•	VS	Strong Excluder
Progeny 4848XF	4.8	RR2FX	S	•	VS	Strong Excluder
Progeny 4947XFS	4.9	RR2FX	VR	•	VS	Moderate Excluder
Progeny 4999E3S	4.9	Enlist E3	S	R	S	Moderate Excluder
Progeny 5056XFS	5.0	RR2FX	MS	•	S	Strong Includer
R18-14693:0004	4.6	Conv.	VR	MS	S	Mixed
R18C-1877:0017	4.2	Conv.	S	S	MS	Strong Excluder
R19-4593	5.2	Conv.	R	S	VS	Mixed
R19-45980	5.3	Conv.	VR	MS	MS	Strong Excluder
R19C-1035	4.5	Conv.	R	MS	MS	Moderate Excluder
R20-1870	4.6	Conv.	VR	S	S	Mixed
R20C-1516	4.3	Conv.	S	MS	S	Moderate Includer

2025 Soybean Update

Table 9. Nematode, Disease, and Chloride Sensitivity rating for soybean varieties in 2025 Arkansas Soybean Variety Performance Test. (Continued)

Variety/Experimental Line	Relative Maturity	Herb. Tech	Frogeye Leaf Spot Rating ⁷	Stem Canker ⁸	RKN Field Rating ⁹	Chloride Rating ¹⁰
R21C-02295	4.3	Conv.	R	MS	S	Moderate Excluder
R21KB-03720	5.2	Conv.	VR	MS	MS	Strong Excluder
R22KB-00870	4.6	Conv.	R	MS	S	Moderate Includer
R22KB-00989	4.4	Conv.	S	MR	S	Moderate Includer
R22KB-02989	4.0	Conv.	S	MR	S	Mixed
R22KB-07724	4.0	Conv.	VR	MS	S	Moderate Includer
R22KB-09998	4.5	Conv.	VS	MS	S	Moderate Includer
R22KB-17158	4.0	Conv.	S	MS	S	Strong Excluder
R23PR-00033E	5.0	Enlist E3	S	MR	S	Mixed
R23PR-00036E	4.5	Enlist E3	MS	MS	S	Mixed
R23PR-00037E	4.9	Enlist E3	MS	MR	VS	Mixed
R23PR-00038E	4.8	Enlist E3	S	MS	VS	Moderate Excluder
R23PR-00043E	4.3	Enlist E3	S	MR	S	Strong Excluder
R23PR-00045E	4.4	Enlist E3	S	MS	S	Strong Includer
R23PR-00055E	4.5	Enlist E3	S	MR	VS	Strong Includer
R23PR-00058E	4.6	Enlist E3	VS	MR	VS	Mixed
R23PR-00067E	5.1	Enlist E3	S	MR	VS	Mixed
R23PR-00068E	4.7	Enlist E3	S	MR	MS	Moderate Includer
R23PR-00091E	4.4	Enlist E3	MS	MR	S	Moderate Includer
R23PR-00100E	4.4	Enlist E3	S	S	MS	Strong Includer
Revere 39-F94	3.9	RR2FX	S	•	S	Strong Excluder
Revere 44-F44	4.4	RR2FX	VR	•	S	Strong Excluder
Revere 46-F17	4.6	RR2FX	VR	•	S	Strong Includer
Revere 47-E74	4.7	Enlist E3	MS	R	S	Strong Excluder
Revere 47-F77	4.7	RR2FX	S	•	VS	Moderate Excluder
Revere 48-F72	4.8	RR2FX	VR	•	MS	Moderate Includer
Revere 49-F36	4.9	RR2FX	VR	•	S	Strong Excluder
Revere 51-F31	5.1	RR2FX	VR	•	VS	Strong Includer
Revere 53-F84	5.3	RR2FX	VR	•	S	Strong Includer
Revere CT4925E3S	4.9	RR2FX	VR	MR	MS	Strong Excluder
S21-11102	4.5	Conv.	VR	MR	S	Mixed
S21-11211	4.7	Conv.	MS	R	MS	Moderate Includer
S21-15672	4.8	Conv.	VR	R	R	Strong Excluder
S21-20065	4.9	Conv.	R	R	S	Strong Excluder
S21-20276	4.2	Conv.	S	R	MS	Mixed
S21-22067	4.0	Conv.	S	R	MR	Mixed
S21-7836	4.9	Conv.	S	R	MS	Mixed
USG 7435XFS	4.3	RR2FX	VR	•	VS	Strong Includer
USG 7466ETS	4.6	Enlist E3	MS	R	S	Mixed
USG 7476XF	4.7	RR2FX	VR	•	VS	Moderate Includer
USG 7487XFS	4.8	RR2FX	VR	•	S	Strong Excluder
USG 7494ETS	4.9	Enlist E3	VS	R	VS	Moderate Excluder
USG 7495XFS	4.9	RR2FX	R	•	VS	Strong Includer
USG 7543XF	5.3	RR2FX	VR	•	VS	Moderate Includer

2025 Soybean Update

Table 10. Agronomic Characteristics for Soybean Varieties/Experimental Lines in 2025 Arkansas Soybean Variety Performance Tests.

Variety/Experimental	Relative Maturity	Herb. Tech. ¹¹	STS	Metribuzin Sensitivity ¹²	Flower Color	Pubescence	Hilum Color	Growth Habit ¹³	Days to Maturity ¹⁴	Lodging Score ¹⁵	Plant Height ¹⁶
AG43XF5	4.3	RR2FX	No	Slight	P	LT	BL	IND	141	2	36
AG44XF4	4.4	RR2FX	No	Severe	P	T	BL	IND	142	2	35
AG45XF3	4.5	RR2FX	No	Moderate	P	LT	BL	IND	141	2	37
AG46XF3	4.6	RR2FX	No	Moderate	P	LT	BL	IND	142	2	37
AG47XF2	4.7	RR2FX	No	Slight	P	LT	BL	IND	142	3	37
AG48XF2	4.8	RR2FX	No	Moderate	P	T	BL	IND	142	4	38
AG48XF3	4.8	RR2FX	No	Moderate	P	LT	BL	IND	142	3	38
AG48XF5	4.8	RR2FX	No	Slight	W	LT	BL	IND	142	3	42
AG49XF4	4.9	RR2FX	No	Slight	P	T	BL	IND	143	2	38
AG50XF5	5.0	RR2FX	No	Moderate	P	T	BL	IND	146	3	40
AG52XF5	5.2	RR2FX	No	Severe	W	LT	BR	IND	150	4	41
AG56XF2	5.6	RR2FX	No	Slight	W	T	BL	DET	151	2	36
Armor 44-F46S	4.4	RR2FX	Yes	Moderate	W	LT	BL	IND	144	3	37
Armor 45-E56	4.5	Enlist E3	No	Slight	W	LT	BL	IND	144	3	37
Armor 45-F86S	4.5	RR2FX	Yes	Moderate	P	LT	BL	IND	141	3	37
Armor 46-F15S	4.6	RR2FX	Yes	Moderate	W	LT	BL	IND	141	3	40
Armor 47-E46S	4.7	Enlist E3	Yes	Slight	P	G	IB	IND	141	3	37
Armor 47-F66S	4.7	RR2FX	Yes	Moderate	P	LT	BL	IND	144	3	37
Armor 48-E45S	4.8	Enlist E3	Yes	Moderate	W	G	BF	IND	143	5	37
Armor 48-E95	4.8	Enlist E3	No	Moderate	W	LT	BL	IND	142	4	38
Armor 48-F25S	4.8	RR2FX	Yes	Severe	P	LT	BL	IND	143	3	40
Armor 48-F55S	4.8	RR2FX	Yes	Moderate	P	LT	BL	IND	145	4	39
Armor 49-E15S	4.9	Enlist E3	Yes	Moderate	W	G	BF	IND	145	2	36
Armor 50-E36S	5.0	Enlist E3	Yes	Moderate	P	G	IB	IND	146	3	37
Armor 54-F25	5.4	RR2FX	No	Slight	W	T	BL	DET	148	2	33
Armor 54-F34	5.4	RR2FX	No	Severe	P	T	BL	DET	149	2	35
Axis 4625XFS	4.6	RR2FX	Yes	Moderate	W	LT	BL	IND	142	4	39
Axis 4815XFS	4.8	RR2FX	Yes	Moderate	W	LT	BL	IND	144	4	39
Confluence Genetics BH39A150	3.9	Conv.	No	Slight	W	LT	BL	IND	141	2	38
Confluence Genetics BH39A232	3.9	Conv.	No	Moderate	P	LT	BL	IND	140	2	35
Confluence Genetics BH45Q208	4.5	Conv.	No	Severe	P	T	BL	•	143	2	36
Confluence Genetics BX39C784	3.9	Conv.	No	Moderate	P	LT	BR	IND	141	2	36
Confluence Genetics N44D923S	4.4	Conv.	No	Severe	P	T	BL	IND	141	3	37
Delta Grow DG46E30	4.6	Enlist E3	No	Slight	•	LT	BL	IND	143	4	37
Delta Grow DG48XF70STS	4.8	RR2FX	Yes	Slight	•	LT	BL	IND	145	3	41
Delta Grow DG48XF80	4.8	RR2FX	No	Slight	•	LT	BL	IND	145	2	38
Delta Grow DG49E30STS	4.9	Enlist E3	Yes	Slight	•	G	BF	IND	142	3	39
Delta Grow DG49XF70STS	4.9	RR2FX	Yes	Moderate	•	LT	BL	IND	144	2	38
Delta Grow DG55XF23	5.5	RR2FX	No	Slight	•	T	BL	DET	153	2	37
Donmario DM47F44S	4.7	RR2FX	Yes	Moderate	P	T	BL	IND	144	3	41
Donmario DM48F53	4.8	RR2FX	No	Moderate	P	T	BL	IND	142	3	36
Dyna-Gro S43XF85S	4.3	RR2FX	Yes	Moderate	W	LT	BL	IND	141	3	38
Dyna-Gro S46XF26S	4.6	RR2FX	Yes	Moderate	W	LT	BL	IND	142	4	41
Dyna-Gro S47ES36	4.7	Enlist E3	No	Slight	P	G	IB	IND	142	3	39
Dyna-Gro S48ES56	4.8	Enlist E3	No	Moderate	P	LT	BL	IND	143	3	40
Dyna-Gro S48XF35	4.8	RR2FX	No	Moderate	P	LT	BL	IND	144	4	41
Gateway 457XFS	4.5	RR2FX	Yes	Moderate	W	LT	BL	IND	142	4	39
Gateway 479XFS	4.7	RR2FX	Yes	Moderate	P	LT	BL	IND	142	4	43
Gateway 487XFS	4.8	RR2FX	Yes	Severe	P	LT	BL	IND	146	4	41

2025 Soybean Update

Table 10. Agronomic Characteristics for Soybean Varieties/Experimental Lines in 2025 Arkansas Soybean Variety Performance Tests. (Continued)

Variety/Experimental	Relative Maturity	Herb. Tech. ¹¹	STS	Metribuzin Sensitivity ¹²	Flower Color	Pubescence	Hilum Color	Growth Habit ¹³	Days to Maturity ¹⁴	Lodging Score ¹⁵	Plant Height ¹⁶
Innvictis A4534XF	4.5	RR2FX	No	Moderate	P	LT	BL	IND	141	4	39
Innvictis A4564XF	4.5	RR2FX	No	Moderate	P	G	IB	IND	142	4	41
Innvictis A4642XF	4.6	RR2FX	No	Slight	P	LT	BL	IND	141	3	41
Innvictis A4755XF	4.7	RR2FX	No	Moderate	W	LT	BL	IND	144	3	38
Innvictis A4862XF	4.8	RR2FX	No	Slight	P	LT	BL	IND	145	3	40
Innvictis A4924XF	4.9	RR2FX	No	Moderate	W	T	BL	DET	142	3	39
Innvictis A5445XF	5.4	RR2FX	No	Slight	W	G	BU	IND	144	1	35
Innvictis B4553E	4.5	Enlist E3	No	Slight	W	G	BU	IND	141	3	37
Innvictis B4744E	4.7	Enlist E3	No	Slight	•	•	•	DET	143	4	39
Innvictis B5115E	5.1	Enlist E3	No	Slight	•	•	•	IND	148	3	38
Integra XF4454S	4.4	RR2FX	Yes	Slight	W	LT	BL	IND	142	3	39
Integra XF4585S	4.5	RR2FX	Yes	Slight	P	LT	BL	IND	142	3	40
Integra XF4634S	4.6	RR2FX	Yes	Moderate	W	LT	BL	IND	141	4	40
Integra XF4875S	4.8	RR2FX	Yes	Moderate	P	LT	BL	IND	148	4	41
Pioneer P43Z44SE	4.3	Enlist E3	No	Slight	P	LT	BL	IND	139	2	34
Pioneer P44Z67BE	4.4	Enlist E3	No	Slight	P	LT	BL	IND	141	3	38
Pioneer P45Z75E	4.5	Enlist E3	No	Slight	W	LT	BR	IND	142	3	38
Pioneer P46Z26E	4.6	Enlist E3	No	Slight	W	LT	BR	IND	145	3	38
Pioneer P47Z15BE	4.7	Enlist E3	No	Slight	P	LT	BL	IND	142	3	39
Pioneer P48Z73E	4.8	Enlist E3	No	Moderate	W	LT	BL	IND	144	4	38
Pioneer P49Z02E	4.9	Enlist E3	No	Slight	P	LT	BL	IND	143	2	38
Pioneer P50Z95E	5.0	Enlist E3	No	Slight	W	LT	BL	IND	147	1	39
Progeny 4604XFS	4.6	RR2FX	Yes	Slight	P	LT	BL	IND	142	3	40
Progeny 4623XF	4.6	RR2FX	No	Moderate	P	LT	BL	IND	143	3	37
Progeny 4724XFS	4.7	RR2FX	Yes	Moderate	W	LT	BL	IND	143	3	40
Progeny 4734XFS	4.7	RR2FX	Yes	Severe	P	LT	BL	IND	142	3	38
Progeny 4824XF	4.8	RR2FX	Yes	Moderate	P	LT	BL	IND	143	3	41
Progeny 4842XFS	4.8	RR2FX	Yes	Slight	P	LT	BL	IND	143	2	40
Progeny 4848XF	4.8	RR2FX	Yes	Slight	P	T	BL	IND	142	2	39
Progeny 4947XFS	4.9	RR2FX	Yes	Moderate	P	LT	BL	IND	145	4	40
Progeny 4999E3S	4.9	Enlist E3	Yes	Moderate	W	G	BU	IND	144	4	39
Progeny 5056XFS	5.0	RR2FX	Yes	Moderate	P	LT	BL	IND	146	3	41
R18-14693:0004	4.6	Conv.	No	Slight	W	G	BL	IND	143	4	37
R18C-1877:0017	4.2	Conv.	No	Slight	W	G	BL	IND	139	3	40
R19-4593	5.2	Conv.	No	Slight	W	G	BU	DET	148	3	34
R19-45980	5.3	Conv.	No	Moderate	W	G	BU	DET	147	4	36
R19C-1035	4.5	Conv.	No	Slight	W	G	IB	IND	144	3	40
R20-1870	4.6	Conv.	No	Slight	P	G	BL	IND	143	2	37
R20C-1516	4.3	Conv.	No	Slight	P	G	BL	IND	138	3	38
R21C-02295	4.3	Conv.	No	Moderate	P	T	BL	IND	143	3	39
R21KB-03720	5.2	Conv.	No	Slight	P	LT	BL	IND	148	2	33

2025 Soybean Update

Table 10. Agronomic Characteristics for Soybean Varieties/Experimental Lines in 2025 Arkansas Soybean Variety Performance Tests. (Continued)

Variety/Experimental	Relative Maturity	Herb. Tech. ¹¹	STS	Metribuzin Sensitivity ¹²	Flower Color	Pubescence	Hilum Color	Growth Habit ¹³	Days to Maturity ¹⁴	Lodging Score ¹⁵	Plant Height ¹⁶
R22KB-00870	4.6	Conv.	No	Slight	P	G	BL	IND	144	3	36
R22KB-00989	4.4	Conv.	No	Slight	P	G	IB	IND	141	3	36
R22KB-02989	4.0	Conv.	No	Severe	W	G	BR	IND	138	2	37
R22KB-07724	4.0	Conv.	No	Slight	W	G	BU	IND	139	2	37
R22KB-09998	4.5	Conv.	No	Moderate	W	LT	BL	IND	139	3	37
R22KB-17158	4.0	Conv.	No	Slight	P	LT	IB	IND	140	3	36
R23PR-00033E	5.0	Enlist E3	No	Moderate	P	G	IB	IND	148	3	38
R23PR-00036E	4.5	Enlist E3	No	Slight	P	G	IB	IND	142	2	39
R23PR-00037E	4.9	Enlist E3	No	Slight	P	G	IB	IND	142	3	39
R23PR-00038E	4.8	Enlist E3	No	Slight	P	G	IB	IND	143	4	40
R23PR-00043E	4.3	Enlist E3	No	Moderate	P	G	IB	IND	141	4	36
R23PR-00045E	4.4	Enlist E3	No	Moderate	P	G	IB	IND	142	2	40
R23PR-00055E	4.5	Enlist E3	No	Moderate	P	G	IB	IND	140	2	36
R23PR-00058E	4.6	Enlist E3	No	Slight	P	G	IB	IND	142	3	38
R23PR-00067E	5.1	Enlist E3	No	Slight	P	G	BL	IND	149	3	40
R23PR-00068E	4.7	Enlist E3	No	Slight	P	G	IB	IND	144	2	39
R23PR-00091E	4.4	Enlist E3	No	Slight	P	G	IB	IND	144	6	39
R23PR-00100E	4.4	Enlist E3	No	Moderate	P	G	IB	IND	142	5	39
Revere 39-F94	3.9	RR2FX	No	Moderate	P	LT	•	IND	138	1	33
Revere 44-F44	4.4	RR2FX	No	Slight	P	LT	BL	IND	142	2	38
Revere 46-F17	4.6	RR2FX	No	Moderate	P	LT	•	IND	142	2	37
Revere 47-E74	4.7	Enlist E3	No	Moderate	W	LT	BL	IND	143	3	37
Revere 47-F77	4.7	RR2FX	No	Moderate	P	LT	BL	IND	143	3	39
Revere 48-F72	4.8	RR2FX	No	Slight	•	LT	•	IND	144	2	37
Revere 49-F36	4.9	RR2FX	No	Moderate	P	LT	BL	IND	145	4	39
Revere 51-F31	5.1	RR2FX	No	Severe	P	LT	•	IND	145	2	36
Revere 53-F84	5.3	RR2FX	No	Moderate	W	T	BL	SEMI	149	3	39
Revere CT4925E3S	4.9	RR2FX	Yes	Moderate	•	G	•	IND	148	1	35
S21-11102	4.5	Conv.	No	Moderate	P	T	BL	IND	145	4	36
S21-11211	4.7	Conv.	No	Slight	P	T	BL	IND	143	2	36
S21-15672	4.8	Conv.	No	Slight	P	G	IB	DET	147	2	34
S21-20065	4.9	Conv.	No	Moderate	W	G	BU	IND	146	2	33
S21-20276	4.2	Conv.	No	Severe	P	G	IB	IND	142	3	34
S21-22067	4.0	Conv.	No	Moderate	P	G	IB	IND	142	2	35
S21-7836	4.9	Conv.	No	Moderate	W	G	BU	IND	146	3	37
USG 7435XFS	4.3	RR2FX	Yes	Slight	W	LT	BL	IND	143	2	37
USG 7466ETS	4.6	Enlist E3	Yes	Moderate	W	T	BR	IND	141	1	36
USG 7476XF	4.7	RR2FX	No	Slight	W	LT	BL	IND	144	3	37
USG 7487XFS	4.8	RR2FX	Yes	Moderate	P	LT	BL	IND	145	2	37
USG 7494ETS	4.9	Enlist E3	Yes	Moderate	W	G	BU	IND	142	2	38
USG 7495XFS	4.9	RR2FX	Yes	Slight	P	LT	BL	IND	146	3	41
USG 7543XF	5.3	RR2FX	No	Moderate	P	G	IB	IND	152	4	42

2025 Soybean Update

Key Codes for All Tables

“ • ” Information Not Available

¹LMCRS = Lon Mann Cotton Research Station, Marianna, AR
JCEC = Jackson County Extension Center, Newport, AR
NREC = Northeast Research and Extension Center, Keiser, AR
NRREC= Northeast Rice Research and Extension Center, Greenfield, AR
PTRS = Pine Tree Research Station, Colt, AR
RREC = Rice Research and Extension Center, Stuttgart, AR
RRS = Rohwer Research Station, Rohwer AR
VRS = Vegetable Research Station, Kibler, AR

² ANOVA of Non-Xtend varieties (Conv., RR1, and Enlist E3)

³ ANOVA of Xtend varieties (Xtend and XtendFlex)

⁴ Soybean varieties with Xtend/XtendFlex technologies were tested separately from varieties with all other herbicide technologies.

⁵ Average Yield from 2024 and 2025.

⁶ Yield mean (bu./ac) from Harrisburg, Keiser, Kibler, Marianna, Newport, Pine Tree, and Stuttgart Full-Season irrigated tests.

⁷ Frogeye leaf spot field trials were conducted in a grower's field near Kerr, AR. Values represent a visual estimate of the disease severity based on a 0-9 scale whereas 0-1 = R, 2-3 = MR, 4-5 = MS, 6-7 = S, and 8-9 = VS.

⁸Stem canker trials were conducted in a growth chamber at the University of Arkansas System Division of Agriculture's plant pathology laboratory in Monticello, AR. Soybean plants were inoculated with infested toothpicks. A standardized designation system for stem canker screenings is as follows: Resistant (R) = minimal to absent necrosis at inoculation site, Moderately Resistant (MR) = lesions have not elongated from inoculation site, Moderately Susceptible (MS) = lesions have elongated from inoculation site, and Susceptible (S) = lesions elongated and approaching one inch in length. Stem canker field trials were conducted at the University of Arkansas System Division of Agriculture's Rohwer Research Station at Rohwer, AR. Field trial results are not reported (•) due to excessive lodging at inoculation site.

⁹ Field trials were conducted in a commercial production field near Kerr, AR. Field ratings were assessed at R5 growth stage based on the percentage root system galled. Average root-knot nematode susceptibility was based on the average percentage of root system galled for all roots evaluated as 0-1.0 = VR, 1.1-4.0 = R, 4.1-9.0 = MR, 9.1-20.0 = MS, 20.1-40.0 = S, 40.1-100.0 = VS.

¹⁰ Chloride Reaction – Excluder varieties accumulate chloride and restrict it to the roots. Includer varieties accumulate chloride throughout the plants. Trifoliolate-leaf samples were collected from each soybean variety at the Rohwer Research Station in 2023. Based on leaf-CL concentrations, varieties were rated as Strong Excluder, Moderate Excluder, Mixed, Moderate Includer, and Strong Includer. Chloride levels should be determined by irrigation water tests and/or plant tissue analysis.

¹¹ Herbicide Technologies: Conv. = Conventional; Enlist E3 = Enlist and RR2XF = RoundUp Ready 2 XtendFlex.

¹² Metribuzin Ratings - Slight = Some symptoms observed in the greenhouse but unlikely to injure soybean plants in the field at a 1X rate if applied to the correct soil texture at the appropriate soil pH. It is recommended that these soybean varieties be planted if metribuzin is intended to be applied. Moderate = Likely to observe some injury in the field, even when applying a premix product that contains a lower rate of metribuzin. Severe = Do not spray any formulation or rate of metribuzin if these varieties are planted as severe injury and yield loss would be expected.

¹³ Soybean growth habit; Ind = Indeterminate; Det = Determinate; Std = Semi-determinate.

¹⁴ Days to Maturity represent the average number of days (Rohwer Irrigated) from planting until 80% of the soybeans in the plot were thought to be mature.

2025 Soybean Update

¹⁵ Soybean lodging is an average of data from the Keiser Irrigated, Kibler Irrigated, Marianna Irrigated, Newport Irrigated, Pine Tree Irrigated, Rohwer Irrigated, and Stuttgart Irrigated Tests and is reported using the following criteria: 1 = 10° angle; 2 = 11–20° angle; 3 = 21–30° angle; 4 = 31–40° angle; 5 = 41–50° angle; 6 = 51–60° angle; 7 = 61–70° angle; 8 = 71–80° angle; 9 = 81–90° angle.

¹⁶ Soybean plant height reported in inches and is an average of data from the Keiser Irrigated, Pine Tree Irrigated, Rohwer Irrigated, and Stuttgart Irrigated Tests.