2025
University of Arkansas
Soybean Research Verification Program

Arkansas ROW CROP VERIFICATION

UofA DIVISION OF AGRICULTURE RESEARCH & EXTENSION
University of Arkansas System

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University of Arkansas Division of Agriculture
Cooperative Extension Service
Agriculture Experiment Station
U.S. Department of Agriculture
And County Governments Cooperating

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SOYBEAN RESEARCH VERIFICATION PROGRAM, 2025

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INTRODUCTION

The growing season was the fortieth year for the Soybean Research Verification Program (SRVP). The SRVP is an interdisciplinary effort between growers, county Extension agents, Extension specialists, and researchers. The SRVP is an on-farm demonstration of all the research-based recommendations required to grow soybeans profitably in Arkansas. The specific objectives of the program are:

To verify research-based recommendations for profitable soybean production in all soybean producing areas of Arkansas.

To develop a database for economic analysis of all aspects of soybean production.

To demonstrate that consistently high yields of soybeans can be produced economically with the use of available technology and inputs.

To identify specific problems and opportunities in Arkansas soybeans for further investigation.

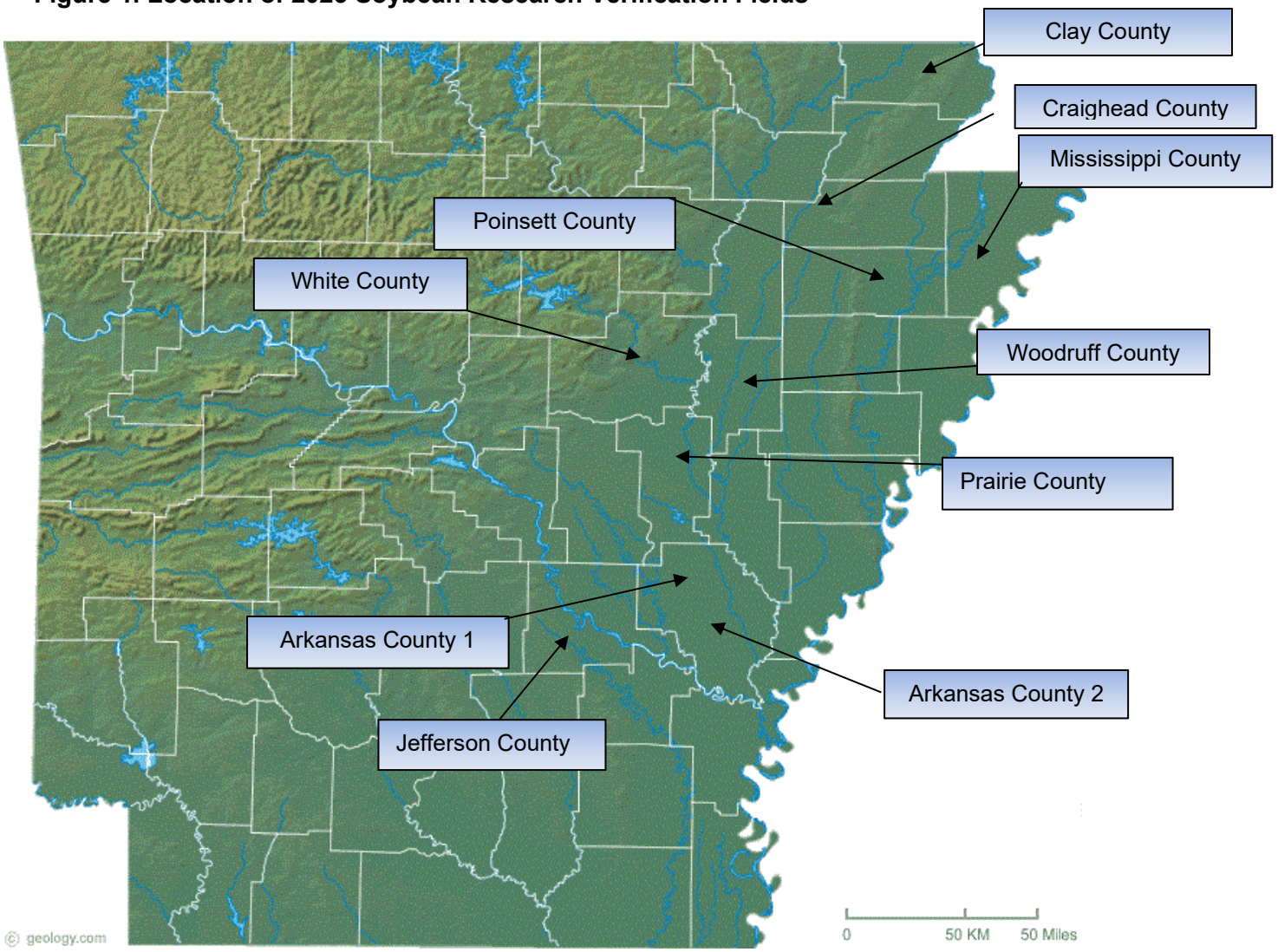
To promote timely implementation of cultural and management practices among soybean growers.

To provide training and assistance to county agents with limited expertise in soybean production.

Each SRVP field and cooperator were selected prior to planting. Cooperators agreed to pay production expenses, provide crop expense data for economic analysis and implement the recommended production practices in a timely manner from seedbed preparation to harvest. Ten farms were enrolled in the SRVP in 2025. The fields were located on commercial farms ranging in size from 33 to 97 acres. The average field size was 58 acres.

The 2025 SRVP fields were conducted in Arkansas, Clay, Craighead, Jefferson, Mississippi, Poinsett, Prairie, White and Woodruff counties. Two Enlist E3® (Pioneer P48A14E, Pioneer P49Z02E) and six Roundup Ready Flex® varieties (NK 42T5XF, NK 43W1XFS, Asgrow AG 46XF3, Pioneer P46A90LX, Asgrow AG 47XF2, and Pioneer P48Z70BLX) were planted. Management decisions were based on field history, soil test results, variety, and data collected from each individual field during the growing season.

Figure 1. Location of 2025 Soybean Research Verification Fields



FIELD REVIEWS

Northern Fields

Clay County

The 52-acre field, Foley silt loam, was located west of McDougal and followed the previous year's rice crop. Following spring tillage, a fertilizer application of 2 tons poultry liter per acre was applied. The field was planted on April 24 with Pioneer P48Z70BLX, LumiGEN Premium treated seed, at 120,000 seed/acre on 30" row spacing. A pre-emerge application 1.5 pints/acre Ledger was applied on April 24. The field emerged on May 5 to a plant population of 107,000 plants/acre. A single post emerge herbicide application was made on June 2 of 1 quart/acre liberty plus 1 quart/acre glyphosate plus 1.25 pints/acre s-metolachlor. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 6 times and harvested on October 13 yielding 74.1 bushels/acre adjusted to 13%.

Craighead County

The 34-acre field, Foley silt loam and Dubbs fine sandy loam, was located west of Cash and followed the previous year's rice crop. A spring fertilizer application of 0-50-75 was applied. The field was planted on June 4 with Asgrow AG47XF2 at 140,000 seed/acre on 30" row spacing and a pre-emerge application of 1.5 pints/acre boundary was applied. The field emerged on June 10 to a plant population of 100,000 seed/acre. The first post emerge herbicide was applied on June 26 of 1 quart/acre Liberty. The final post emerge herbicide was applied on July 9 of 1 quart/acre Liberty plus 1.25 pints/acre s-metolachlor. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 4 times and harvested on October 13 yielding 63.8 bushels/acre adjusted to 13%.

Mississippi County

The 77-acre field, Sharkey-Steele complex, was located at Etowah and followed the previous year's soybean crop. A burndown application of 1 quart/acre glyphosate plus 8 ounces/acre dicamba plus 2 ounces/acre Valor plus 1 pint/acre s-metolachlor was applied on March 12. The field was planted on May 10 with Becks 4999XF, Escalate treated seed, at 130,000 seed/acre on 38" row seed spacing. A pre-emerge application of 32 ounces/acre Gramoxone plus 1 pint/acre s-metolachlor was applied on May 10. The field emerged on May 17 to a plant population of 99,000 plants/acre. A single post emerge herbicide application was made on June 10 of 1 quart/acre liberty plus .125 ounces/acre Python plus 3.25 ounces/acre Anthem Max. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 7 times and harvested on October 17 yielding 69.7 bushels/acre adjusted to 13%.

Poinsett County

The 35-acre field, Dundee and Mhoon silt loam, was located south of Trumann and followed the previous year's corn crop. Following spring tillage, a fertilizer application of 0-30-100 was applied. The field was planted on May 19 with Pioneer P48Z70BLX, Cruiser Maxx treated seed, at 125,000 seed/acre on 38" row spacing. The field emerged on May 27 to a plant population of 105,000 plants/acre. Initial post emerge herbicide application was made on June 2 of 1 quart/acre glyphosate plus 1 quart/acre Liberty plus 3.25 ounces/acre Zidua. A second post emerge herbicide application was made on June 26 of 1 quart/acre glyphosate plus 1 quart/acre Liberty plus 1.25 pints/acre s-metolachlor. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 7 times and harvested on October 15 yielding 82.0 bushels/acre adjusted to 13%.

White County

The 83-acre field, Calloway silt loam, was located east of Griffithville and followed the previous year's corn crop. Following spring burndown application of 1 quart/acre glyphosate plus 1.5 pints/acre 2,4-D, a fertilizer application of 0-0-75 was applied. The field was planted on March 24 with Pioneer P46A90LX, Acceleron treated seed, at 130,000 seed/acre on 30" row spacing and 6 ounces/acre sulfentrazon plus .33 pounds/acre metribuzin plus 1.25 pints/acre s-metolachlor was applied for pre-emerge weed control. The field emerged on April 7 to a plant population of 94,000 seed/acre. A single post emerge herbicide application was made on May 10 of 1 quart/acre glyphosate plus 1 quart/acre Liberty plus 3.25 ounces/acre Zidua. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 4 times. A desiccation application of 1.2 gallon/acre Sodium Chlorate was applied. The field was harvested on September 16 yielding 80.1 bushels/acre adjusted to 13%.

Woodruff County

The 50-acre field, Teksob loam, was located west of Cotton Plant and followed the previous year's soybean crop. A herbicide application of 24 ounces/acre Roundup Powermaxx III plus 8 ounces/acre dicamba plus 2 ounces/acre Valor was applied to terminate cover crop of black oats, turnips, kale, and radish. The field was planted on March 23 with Asgrow AG46XF3, Cruiser Maxx treated seed, at 120,000 seed/acre on 38" row spacing. The field emerged on April 2 to a plant population of 76,000 plants/acre. Initial post emerge herbicide application was made on April 23 of 1 quart/acre glyphosate plus 1.25 pints/acre s-metolachlor. A second post emerge herbicide application was made on May 8 of 1 quart/acre Liberty plus 1.25 pints/acre s-metolachlor. A final herbicide application was applied on June 5 of 24 ounces/acre Roundup

Powermaxx III plus 1 pints/acre s-metolachlor. Frogeye Leaf Spot reached threshold and on July 12, 5 ounces/acre Domark was applied for control. Insect pressure remained below threshold and no treatment was recommended. The field was irrigated 5 times and harvested on October 7 yielding 75.9 bushels/acre adjusted to 13%.

Southern Fields

Arkansas County 1

The 43-acre field, Tichnor and Stuttgart silt loam, was located east of Stuttgart and followed the previous year's corn crop. Following spring tillage and fertilizer application of 0-0-75 was applied. The field was planted on April 14 with NK 42T5XF, Crusier Maxx treated seed, at 135,000 seed/acre on 30" row spacing and 28 ounces/acre Antares Complete was applied for pre-emerge weed control. The field emerged on April 24 to a plant population of 120,000 seed/acre. Initial post emerge herbicide application was made on May 23 of 22 ounces/acre Roundup Powermaxx III plus 1 quart/acre Liberty plus 1 pint/acre s-metolachlor. A border treatment was needed to control grasses along the edge and on June 23, 8 ounces/acre Select was applied. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 4 times. A desiccation application of 10.67 ounces/acre Gramoxone was applied. The field was harvested on September 19 yielding 65.1 bushels/acre adjusted to 13%.

Arkansas County 2

The 97-acre field, Stuttgart and Dewitt silt loam, was located south of Dewitt and followed the previous year's corn crop. Following fall and spring tillage a fertilizer application of 0-30-80 was applied. A burndown application of 22 ounces/acre glyphosate plus 1.5 pints/acre 2,4-D was applied on April 1. The field was planted on April 29 with Pioneer 49Z02E, Crusier Maxx treated seed, at 135,000 seed/acre on twin row 38" seed spacing. On April 30, 1.5 pints/acre Boundary was applied for pre-emerge weed control. The field emerged on May 8 to a plant population of 119,000 seed/acre. A single post emerge herbicide application was made on June 3 of 22 ounces/acre glyphosate plus 1 quart/acre Liberty plus 1.25 pints/acre s-metolachlor. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 3 times and harvested on September 30 yielding 66.1 bushels/acre adjusted to 13%.

Jefferson County

The 33-acre field, Rilla silt loam, was located south of Pine Bluff and followed the previous year's soybean crop. The field was planted on April 29 with NK-43W1XFS, Apron Max plus Molly seed treatment, at 140,000 seed/acre on 38" twin row seed spacing. On May 5, 1 quart/acre glyphosate plus 1.25 pints/acre s- metolachor was applied for grass control and broadleaf pre-emerge. The field emerged on May 8 to a plant population of 110,000 seed/acre. On June 1, a fertilizer application of 0-0-75 was applied and middles plowed. A post emerge herbicide application of 1 quart/acre Liberty plus 1 quart/acre glyphosate plus 1.25 pints/acre s-metolachlor was made on June 7. Disease and insect pressure remained below threshold and no treatment was recommended. The field was irrigated 5 times and harvested on October 1 yielding 53.5 bushels/acre adjusted to 13%.

Prairie County

The 79-acre field, Calhoun silt loam, was located south of Hazen and followed the previous year's rice crop. Following spring tillage, a fertilizer application of 0-70-60 was applied. The field was drill planted on June 27 with Pioneer P48A14E at 155,000 seed/acre on 7.5" row spacing and a pre-emerge application of 1 quart/acre glyphosate plus .33 pounds/acre Metribuzin was applied. The field emerged on July 3 to a plant population of 80,000 seed/acre. The first post emerge herbicide was applied on July 9 of 1 quart/acre Liberty plus 1 quart/acre glyphosate. The second post emerge herbicide was applied on July 28 of 1 quart/acre Liberty plus 1 quart/acre glyphosate. Corn earworm pressure reached threshold and late regrowth of grass warranted an application of 1.28 ounces/acre Heligen plus 12 ounces/acre Select applied on August 16. Disease pressure remained below threshold and no treatment was recommended. The field was irrigated 3 times and harvested on November 11 yielding 34.1 bushels/acre adjusted to 13%.

Table 1. Agronomic information for the 2025 Soybean Research Verification Fields.

County	Variety	Field size (ac)	Previous crop	Production system[1]	Seeding rate (seeds/acre)	Stand density (plants/ac)	Planting date	Emergence date	Harvest date	Yield adj. to 13% moisture (bu/ac)
Arkansas 1	NK 42T5XF	43	Corn	ESI	135K	120K	4/14	4/24	9/19	65.1
Arkansas 2	Pioneer P49Z02E	97	Corn	ESI	135K	119K	4/29	5/8	9/30	66.1
Clay	Pioneer P48Z70BLX	52	Rice	ESI	120K	107K	4/24	5/5	10/13	74.1
Craighead	Asgrow AG47FX2	34	Rice	LSI	140K	100K	6/4	6/10	10/13	63.8
Jefferson	NK 43W1XFS	33	Soybean	ESI	140K	110K	4/29	5/8	10/1	53.5
Mississippi	Becks 4999XF	77	Soybean	FSI	130K	99K	5/10	5/17	10/17	69.7
Poinsett	Pioneer P48Z70BLX	35	Corn	FSI	125K	105K	5/19	5/27	10/15	82.0
Prairie	Pioneer P48A14E	79	Rice	LSI	155K	80K	6/27	7/3	11/11	34.1
White	Pioneer P46A90LX	83	Corn	ESI	130K	94K	3/24	4/7	9/16	80.1
Woodruff	Asgrow AG46XF3	50	Soybean	ESI	120K	76K	3/23	4/2	10/7	75.9
Average		**58**			**133K**	**101K**	**5/2**	**5/11**	**10/8**	**66.4**

[1]Production Systems: ESI = Early Season Irrigated; FSI = Full Season Irrigated; FSNI = Full Season Non-irrigated; LSI = Late Season Irrigated; LSNI = Late Season Non-irrigated

State Avg. – 55 bu/ac
SRVP Avg. – 66.4 bu/ac

Table 2. Soil tests results, applied fertilizer and soil classification for the 2025 Soybean Research Verification Fields

	Soil Test Results (ppm)			Applied Fertilize N-P-K (lb/acre)	Soil Classification
County	pH	P	K	Pre-plant	
Arkansas 1	6.1	63	121	0-0-75	Tichnor and Stuttgart Silt Loam
Arkansas 2	6.2	11	70	0-30-80	Dewitt Silt Loam
Clay	6.3	24	96	2 ton Poultry Litter	Foley Silt Loam
Craighead	6.9	23	97	0-50-75	Foley Silt Loam
Jefferson	5.5	55	117	0-0-75	Rilla Silt Loam
Mississippi	6.6	20	98	0-0-0	Sharkey-Steele Complex
Poinsett	7.2	38	197	0-30-100	Dundee and Mhoon Silt Loam
Prairie	6.1	22	74	0-70-60	Calhoun Silt Loam
White	6.2	68	127	0-0-75	Calloway Silt Loam
Woodruff	5.7	31	102	0-0-0	Teksob Loam

Table 3. Herbicide rates and timings for 2025 Soybean Research Verification Program fields by county.

	Herbicide	
County	Burndown/Pre-emergence	Post-emergence
Arkansas 1	Pre-emerge: 28 oz Antares Complete	1st : 22 oz. Roundup Powermaxx III + 1 qt. Liberty + 1 pt. S-metolachlor 2nd : Border treatment- 8 oz. Select Harvest aid: 10.67 oz. Gramoxone
Arkansas 2	Burndown : 22 oz. glyphosate + 1.5 pts. 2, 4-D Pre-emerge: 1.5 pts. Boundary	1st : 22 oz. glyphosate + 1 qt. Liberty + 1.25pts. S-metolachlor
Clay	Pre-emerge: 1.5 pts. Ledger	1st: 1 qt. Liberty + 1 qt. glyphosate + 1.25 pts. S-metolachlor
Craighead	Pre-emerge: 1.5 pts. Boundary	1St : 1 qt. Liberty 2nd : 1 qt. Liberty + 1.25 pts. S-metolachlor
Jefferson	Pre-emerge: 1 qt. glyphosate + 1.25 pts. S-metolachlor	1st : 1 qt. Liberty + 1 qt. glyphosate + 1.25 pts. S-metolachlor
Mississippi	Burndown: 1 qt. glyphosate + 8 oz. dicamba + 2 oz. Valor + 1 pt. S-metolachlor. Pre-emerge: 32 oz. Gramoxone + 1 pt. S-metolachlor	1st: 1 qt. Liberty + .125 oz Python + 3.25 oz. Anthem Max
Poinsett		1st : 1 qt. Liberty + 1 qt. glyphosate + 3.25 oz Zidua 2nd : 1 qt. Liberty + 1 qt. glyphosate + 1.25 pts S-metolachlor
Prairie	Pre-emerge : 1 qt. Glyphosate + .33 lbs metribuzin	1st : 1 qt. Liberty + 1 qt. glyphosate 2nd : 1 qt. Liberty 1 qt. glyphosate 3rd : 12 oz. Select
White	Burndown: 1 qt. glyphosate + 1.5 pts. 2,4-D Pre-emerge: 6 oz. sulfentrazon + .33 lbs. metribuzin + 1.25 pts. S-metolachlor	1st : 1 qt. Liberty + 1 qt. glyphosate + 3.25 oz. Zidua Harvest aid: 1.2 gal. Sodium Chlorate
Woodruff	Pre-emerge: 24 oz. Roundup Powermaxx III + 8 oz. dicamba + 2 oz. Valor	1st : 1 qt. glyphosate + 1.25 pts S-metolachlor 2nd : 1 qt. Liberty + 1.25 pts S-metolachlor 3rd : 24 oz. Roundup Powermaxx III + 1 pt S-metolachlor

Table 4. Fungicide and insecticides applications in 2025 Soybean Research Verification fields by county.

County	Aerial Web Blight	Frogeye	Bollworm/Defoliators	Stink Bug
Arkansas 1				
Arkansas 2				
Clay				
Craighead				
Jefferson				
Mississippi				
Poinsett				
Prairie			1.28oz. Heligen	
White				
Woodruff		5oz. Domark		

Table 5. Irrigation and rainfall information for the 2025 Soybean Research Verification Fields.

County	Irrigation Type	Number of Irrigations	Irrigation Water Used (acre inches/acre)*	Rainfall (in)
Arkansas 1	Furrow	3		16.1
Arkansas 2	Furrow	3		18.3
Clay	Furrow	6		16.78
Craighead	Furrow	4	10.2	4.81
Jefferson	Furrow	5		12.95
Mississippi	Furrow	7		13.71
Poinsett	Furrow	7		12.67
Prairie	Furrow	3		1.98
White	Furrow	4		24.25
Woodruff	Furrow	5	14.4	25.98

*Irrigation water use determined using flow meters installed for entire season. Not all fields had flow meters.

ECONOMIC ANALYSIS

This section provides information on production costs and returns for the 2025 SRVP. Records of field operations on each field provided the basis for estimating production costs. The field records were compiled by the SRVP coordinators, county extension agents, and cooperators. Cooperators/county agents for 10 fields were identified for the 2025 program. Production data from the 10 fields were applied to determine costs and returns above operating costs, as well as total specified costs. Operating costs and total costs per bushel indicate the commodity price needed to meet each costs type.

Operating costs are those expenditures that would generally require annual cash outlays and would be included on an annual operating loan application. Actual quantities of all operating inputs as reported by the cooperators are used in this analysis. Input prices are determined by data from 2025 Soybean Crop Enterprise Budgets published by the UA Division of Agriculture Cooperative Extension Service, Southeast Arkansas input providers, and information provided by producer cooperators. Fuel and repair costs for machinery are calculated using a budget calculator based on parameters and standards established by the American Society of Agricultural and Biological Engineers. Machinery repair costs should be regarded as estimated values for full service repairs, and actual cash outlays could differ as producers provide unpaid labor for equipment maintenance.

Fixed costs of machinery are determined by a capital recovery method, which determines the amount of money that should be set aside each year to replace the value of equipment used in production. Machinery costs are estimated by applying engineering formulas to representative prices of new equipment. This measure differs from typical depreciation methods, as well as actual annual cash expenses for machinery.

Operating costs, fixed costs, total costs, operating and total costs per bushel, and returns above operating and total specified costs are presented, by field and statewide in Table 6. Costs in this report do not include management, land costs, or other expenses and fees not associated with production. Averages in the final row of Table 6 are simple averages across all SRVP fields in the state program. Total Operating costs per acre range from $254.10/acre for the Mississippi County field to $388.93/acre for Poinsett County, while operating costs per bushel range from $3.65/bu. for the Mississippi County field to $9.52/bu. for Prairie County. Total costs per acre (operating plus fixed) range from $339.47/acre for Mississippi County to $556.58/acre for Poinsett County, and total costs per bushel range from $4.84/bu. for Woodruff County to $12.49/bu. for Prairie County. Returns to operating costs range from $22.33/acre for Prairie County to $516.29/acre for the White County field. Returns to total costs range from -$79.01 for Prairie County to $404.41/acre for Woodruff County.

A statewide summary of yield, soybean price, revenues, and expenses by expense type across all SRVP fields is presented in Table 7. Averages in the final column of the table are simple averages for the SRVP fields represented in that table. The Average Soybean Yield for the 2025 SRVP is 66.44 bushels/acre, but ranged from 34.1 bushels/acre for Prairie County to 82.0 bushels/acre for the Poinsett County field. The second highest yield was White County at 80.1 bushels/acre. Market Price for soybean used in this analysis is $10.17/bushel, the Arkansas average cash price estimated from January 1, 2025 through October 31, 2025 daily price quotes of the cash market price or cash booking price. The 2025 price is $0.83/bushel lower than the same period average in 2024. Use of market prices across this entire period of time is justified since we assume Arkansas producers set the price for portions of their crop at various times throughout the year.

The Average Total Operating Expense for all 10 SRVP fields is calculated to be $310.69/acre for the 2025 program (Table 7). Average Total Operating Expense is $51.66/acre lower in 2025 than 2024. Seed remains the largest share of Total Operating Expenses on average (21.53%). The second highest percentage of operating expenses in 2025 comes from herbicides (15.80%) with fertilizers & nutrients third (15.10%). The Other Inputs category (Scouting, Polypipe, and Crop Insurance) was calculated to be $38.75/acre for each field and represented 12.47% of operating expenses. All other categories were less than 8.00% of operating expenses. The 2025 Average Return to Operating Expenses for the 10 fields is $365.01/acre, an increase of $22.70/acre from 2024. The 2025 Average Return to Operating Expenses ranges from $22.33/acre for Prairie County to $516.29/acre for the White County field. The Average Return to Total Specified Expenses (Total Costs) for the 10 fields was $245.06/acre, a decrease of $27.23/acre from 2024, and ranging from -$79.01/acre for Prairie County to $404.41/acre for Woodruff County. White County was a close second at $403.29/acre.

Table 6. Operating Costs, Total Costs, and Returns for Soybean Research Verification Program, 2025

County	Operating Costs ($/acre)	Operating Costs ($/bushel)	Returns to Operating ($/acre)	Fixed Costs ($/acre)	Total Costs ($/acre)	Returns to Total Costs ($/acre)	Total Costs per Bushel ($/bushel)
Arkansas-1	274.18	4.21	387.89	139.17	413.35	248.72	6.35
Arkansas-2	289.21	4.38	383.03	94.60	383.81	288.43	5.81
Clay	346.87	4.68	406.72	147.13	494.00	259.60	6.67
Craighead	361.40	5.66	287.45	151.01	512.40	136.44	8.03
Jefferson	280.64	5.25	263.46	121.45	402.08	142.01	7.52
Mississippi	254.10	3.65	454.74	85.36	339.47	369.38	4.87
Poinsett	388.93	4.74	445.01	167.65	556.58	277.36	6.79
Prairie	324.47	9.52	22.33	101.34	425.81	-79.01	12.49
White	298.32	3.72	516.29	113.01	411.33	403.29	5.14
Woodruff	288.77	3.80	483.13	78.72	367.49	404.41	4.84
SRVP Program State Average 2025	**310.69**	**4.96**	**365.01**	**119.94**	**430.63**	**245.06**	**6.85**

Table 7. Summary of Revenue and Expenses per Acre, Soybean Research Verification Program, 2025 (1)					
	Arkansas-1	Arkansas-2	Clay	Craighead	Jefferson
Receipts					
Yield (bu.)	65.1	66.1	74.1	63.8	53.5
Price	10.17	10.17	10.17	10.17	10.17
Total Crop Revenue	**662.07**	**672.24**	**753.60**	**648.85**	**544.10**
Seed	68.54	64.51	61.40	71.40	71.40
Fertilizers & Nutrients	31.25	56.50	80.00	69.75	35.38
Herbicides (2)	42.46	47.08	33.71	56.33	35.79
Insecticides (2)	0.00	0.00	0.00	0.00	0.00
Fungicides (2)	0.00	0.00	0.00	0.00	0.00
Other Chemicals (2)	0.00	0.00	0.00	0.00	0.00
Custom Applications	8.50	0.00	0.00	8.50	0.00
Diesel Fuel (3)	15.21	16.84	20.45	18.97	13.52
Repairs & Maintenance	24.29	17.65	22.75	23.69	21.00
Irrigation Energy Costs	2.49	3.92	39.69	26.46	25.97
Labor, Field Activities	9.07	9.34	10.28	10.40	8.69
Interest	11.43	12.09	14.58	15.40	11.90
Other Inputs & Fee, Pre-harvest	38.75	38.75	38.75	38.75	38.75
Post-harvest Expenses	22.19	22.53	25.26	21.75	18.24
Custom Harvest	0.00	0.00	0.00	0.00	0.00
Total Operating Expenses	**274.18**	**289.21**	**346.87**	**361.40**	**280.64**
Returns to Operating Expenses	**387.89**	**383.03**	**406.73**	**287.45**	**263.46**
Capital Recovery & Fixed Costs	139.17	94.60	147.13	151.01	121.45
Total Specified Expenses	**413.35**	**383.81**	**494.00**	**512.41**	**402.09**
Returns to Specified Expenses	**248.72**	**288.43**	**259.60**	**136.44**	**142.01**
Operating Expenses/Yield Unit	4.21	4.38	4.68	5.66	5.25
Total Expenses/Yield Unit	6.35	5.81	6.67	8.03	7.52

1. Does not include land costs, management, or other expenses and fees not associated with production.
2. Combined as Chemicals in some previous year reports
3. Listed as Fuel & Lube in previous year reports

Table 7. Summary of Revenue and Expenses per Acre, Soybean Research Verification Program, 2025 (1) CONTINUED						
	Mississippi	Poinsett	Prairie	White	Woodruff	**SRVP Program State Average**
Receipts						
Yield (bu.)	69.7	82.0	34.1	80.1	75.9	**66.44**
Price	10.17	10.17	10.17	10.17	10.17	**10.17**
Total Crop Revenue	**708.85**	**833.94**	**346.80**	**814.62**	**771.90**	**675.69**
Seed	66.40	63.55	73.92	66.40	61.40	**66.89**
Fertilizers & Nutrients	0.00	72.05	77.50	31.25	15.50	**46.92**
Herbicides (2)	50.42	59.50	50.17	63.43	52.01	**49.09**
Insecticides (2)	0.00	0.00	5.07	0.00	0.00	**0.51**
Fungicides (2)	0.00	0.00	0.00	0.00	7.50	**0.75**
Other Chemicals (2)	0.00	0.00	0.00	6.90	0.00	**0.69**
Custom Applications	0.00	8.50	8.50	8.50	22.10	**6.46**
Diesel Fuel (3)	10.09	16.33	15.15	11.49	9.79	**14.78**
Repairs & Maintenance	14.33	27.95	16.44	19.65	13.10	**20.09**
Irrigation Energy Costs	33.19	46.30	2.81	5.23	23.71	**20.98**
Labor, Field Activities	6.71	11.68	10.36	7.12	7.11	**9.08**
Interest	10.45	16.37	14.19	12.29	11.92	**13.06**
Other Inputs & Fee, Pre-harvest	38.75	38.75	38.75	38.75	38.75	**38.75**
Post-harvest Expenses	23.76	27.95	11.62	27.30	25.87	**22.65**
Custom Harvest	0.00	0.00	0.00	0.00	0.00	**0.00**
Total Operating Expenses	**254.10**	**388.93**	**324.48**	**298.31**	**288.76**	**310.69**
Returns to Operating Expenses	**454.75**	**445.01**	**22.32**	**516.31**	**483.14**	**365.01**
Capital Recovery & Fixed Costs	85.36	167.65	101.34	113.01	78.72	**119.94**
Total Specified Expenses	**339.46**	**556.58**	**425.82**	**411.32**	**367.48**	**430.63**
Returns to Specified Expenses	**369.39**	**277.36**	**-79.02**	**403.30**	**404.42**	**245.06**
Operating Expenses/Yield Unit	3.65	4.74	9.52	3.72	3.80	**4.96**
Total Expenses/Yield Unit	4.87	6.79	12.49	5.14	4.84	**6.85**

1. Does not include land costs, management, or other expenses and fees not associated with production.
2. Combined as Chemicals in some previous year reports
3. Listed as Fuel & Lube in previous year reports