

SOYBEANS 2026 PLANNING BUDGETS

**Mississippi State University
Department of Agricultural Economics
Budget Report 2025-02**

November 2025

Foreword

This report is designed to provide necessary planning data to farmers, research and extension staffs, lending agencies, and others in agriculture. Readers are cautioned that returns presented are labeled "**Returns Above Specified Expenses.**" Estimated costs for land, management, and general farm overhead are not included in this report. The exception is unallocated labor, which is included. "**Returns Above Direct Expenses**" should be used in making 2026 planning decisions. This would be a one-year short-run decision. Decisions beyond one year, or long-run decisions, should be based on "**Returns Above Specified Expenses.**"

Acknowledgments

A list of individuals who contributed to the development of the agricultural enterprise budgets follows this acknowledgment. The administrative committee structure and enterprise committees have shown a spirit of cooperation seldom found when so many work together. A team effort has led to many improvements in the budgets over the years.

Special appreciation is expressed to producers who provided information on crop practices used. Appreciation also is expressed to farm supply dealers, equipment dealers, custom operators, and chemical companies who provided prices for crop production inputs. The Mississippi Agricultural Statistics Service is commended for its excellence in collecting price and production practice data.

Acknowledgment is made to the Mississippi State University Extension Service, the Mississippi Agricultural and Forestry Experiment Station, and the United States Agricultural Research Service staffs for the excellent cooperation that made this report possible.

The mention in this report of any commercial product does not imply its endorsement by MSU-ES, MAFES, or USDA over other products not named nor does the omission imply they are not satisfactory.

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2026 Planning Budgets

Budgets for Agricultural Enterprises

This publication provides economic and technical information in the form of enterprise budgets for a major crop produced by Mississippi farmers. A multidisciplinary approach involving researchers and extension personnel was used to determine production practices and input quantities, and to estimate costs and returns for each enterprise (14). The purpose of this section is to present the methods and procedures used to calculate costs and returns for each budget included in this publication.

Enterprise budgets represent a type of information that can be used by a wide variety of individuals in making decisions in the food and fiber industry. They are used:

- by farmers for planning,
- by extension personnel in providing educational programs to farmers,
- by lenders as a basis for credit,
- to provide basic data for research, and
- to inform non-farmers of the costs incurred by farmers in the production of food and fiber crops.

A budget should be prepared with a specific objective in mind. The budgets in this report were prepared to provide general information for several different uses. They provide information concerning general levels of costs and returns which will need to be adjusted for specific situations. Most users should think of these budgets as a first approximation and then make appropriate adjustments using the "Your Farm" column provided on each budget to add, delete, or change costs or incomes to reflect their specific situations.

Methods and Procedures

Production Practices

The production practices listed in each budget are the result of a combined effort by researchers and extension personnel to represent those practices that producers could use in a specific production system. Producers might use different practices in their own operations. If different types and quantities of operating inputs are to be used, then the budgeted expenses should be changed to more accurately reflect actual input usage.

Committees made up of appropriate disciplines from the Mississippi Agricultural and Forestry Experiment Station, the Mississippi State University Extension Service, and the U.S. Department of Agriculture review and update the practices in the budgets every year. The updates are based on the collective judgment of the committee members. Quantities of materials and individual production practices budgeted are based on generally accepted recommendations by committee members.

Machinery

Machinery manufacturers form the basis for machinery prices used in these publications. Prices by size of equipment are determined from the most common sales in each category as reported by machinery dealers. Prices used in the budgets reflect prices paid by farmers in 2025. (Appendix Tables 1, 2, and 3).

A performance rate reflects the time required to perform a given task or operation and is expressed as that part of an hour per acre. Previous studies and expert knowledge of the equipment committee members are used to estimate performance rates for new and larger equipment (1, 4, 5, 6, 7, 9, and 13).

The hours of annual use have been modified based on information collected from the cited studies (3, 4, 6, and 7).

Repairs and maintenance as a percentage of new cost are estimated for the life of the equipment and include oil and lubricants (1, 4, and 6).

Estimates of Direct Costs

Direct costs include estimated costs of repairs and maintenance (R&M) for all machinery and include fuel costs for powered machinery (Appendix Tables 1, 2, and 3). Direct costs are estimated on an hourly basis and are then converted to a per-acre basis using the performance rate for the particular operation. R&M costs for towed equipment and powered equipment are estimated as follows:

$$RPH = \frac{RLC \times RP}{THL}$$

$$RPA = RPH \times PR$$

where:

RPH = R&M cost per hour of use
 RLC = Replacement cost of machine
 RP = R&M percentage (percent of RLC)
 THL = Total hours of machine life
 RPA = R&M cost per acre
 PR = Performance rate

Direct costs include an estimate of fuel cost based on average fuel consumption per hour of use for the power unit. Other components of direct costs include quantities of materials used in production multiplied by the price per unit of these inputs, custom rates, hourly wage rates, and interest charges on operating capital (Appendix Tables 4, 5, and 6).

The labor wage rate per hour includes social security, accident and unemployment insurance, and some perquisites (11). Labor costs are estimated for four labor categories: operator labor, hand labor, irrigation labor, and unallocated labor. Operator labor and hand labor represent estimates of labor required to perform the in-field tasks. Operator labor is that labor

required to operate all power-driven equipment. Irrigation labor is used to perform tasks associated with an irrigation system. Unallocated labor is an estimate of labor that is not used directly in producing the enterprise. Its cost is estimated as a percentage of operator labor (11). The percentages used for the various crop enterprises are listed in Appendix Table 6.

Interest on operating capital is determined by using a short-term interest rate obtained from agricultural lenders and making a charge against capital outflows as the production process takes place. Interest is accumulated until the crop is harvested.

Estimates of Fixed Costs

Annual fixed cost estimates for machinery are based on a budgeting technique which computes the annual capital recovery charge (2, p. 143). When a combination of machines or equipment is required to perform a single operation, the total cost per acre for all equipment used in the operation is estimated. The fixed cost of machinery ownership is calculated by first computing the capital recovery factor and then using it to estimate the annual capital recovery charge.

$$CRF = \frac{IIR}{1 - (1 + IIR)^{-TYL}}$$

where:

CRF = Capital recovery factor
 IIR = Intermediate-term interest rate
 TYL = Total years of life

$$CRCPY = [(RLC - SV) \times CRF] + (SV \times IIR)$$

where:

CRCPY = Capital recovery charge per year
 RLC = Replacement cost
 SV = Salvage value (at end of useful life)

This value is then converted to its per-hour and per-acre equivalent values:

$$\text{CRCPH} = \frac{\text{CRCPY}}{\text{HAU}}$$

$$\text{CRCPA} = \text{CRCPH} \times \text{PR}$$

where:

CRCPH = Capital recovery charge per hour

HAU = Hours of annual use

CRCPA = Capital recovery charge per acre

PR = Performance rate

Estimates of Returns

It is difficult to estimate crop yields that may be expected for a particular production system in a given year. Crop yields used in the budgets are representative of historical yields modified to match the production system used to produce the yield. All yields including conventional, no-tillage, irrigation, and double-cropping are tempered with unpublished research and judgments of the commodity committees. Producers should use yield estimates that are reflective of their own operation.

To estimate returns, a price for the commodity must be used. Individual producers must determine their own expected price for the commodity. Commodity prices used in this report represent the higher of a calculated forward contract price or the loan rate that was applicable for the 2025 crop year. Government payments for commodities are not included in the budgets except to the extent that they are included in loan rates.

The futures price for an appropriate contract month is determined by averaging the closing prices for the first five trading days in October. The basis is determined by subtracting the average daily cash price for the month of October from the average daily closing price of the specified harvest month futures contract. These average futures prices and the basis adjustments are presented in Appendix Table 7.

A special table is presented to illustrate the effects of alternative levels of yields and prices on net returns. The budgeted yield and the budgeted price are used as base values (100 percent). Yields are then varied from 50 to 150 percent of the base yield while prices are varied from 75 to 125 percent of the base price. Net returns are computed for each combination of yield and price.

Irrigation Costs

Estimated costs of various irrigation systems are presented in Appendix Tables 8, 9, and 10. A dryland crop budget may be converted to an irrigated crop budget by adding the appropriate direct and fixed costs to the costs of the dryland crop. Also, adjustments in crop yields and other costs may be required with the addition of supplemental irrigation.

Net Returns

Net returns are generally considered to be the amount left after subtracting all costs from all incomes for a particular enterprise. In these budgets, "RETURNS ABOVE DIRECT EXPENSES" and "RETURNS ABOVE TOTAL SPECIFIED EXPENSES" are used as a proxy for the economic concepts of net returns above variable costs and net returns above variable plus fixed costs, respectively. Some items are intentionally left out of these calculations, i.e., costs for land or land rent, taxes, insurance premiums, general farm overhead, and expected incomes from government payments or insurance payments. These costs and incomes vary widely among farms and farm situations so as to make routine calculation for representative situations impractical. These items should, however, be considered by each producer and factored into the final budget each producer develops for his own situation.

Enterprise Budgets

Table 1.A Estimated costs per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Non-irrigated, Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
Sodium Chlorate 5L	gal	8.68	0.6000	5.21	
FERTILIZERS					
Phosphorus (46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	64.0000	7.68	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Select Max	pt	11.55	1.0000	11.55	
Valor SX	oz	3.06	2.0000	6.12	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
Zidua WG	oz	7.37	1.5000	11.06	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	1.0000	3.30	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	42.0000	12.18	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.2209	4.26	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0235	0.46	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0117	0.10	
UNALLOCATED LABOR	hour	19.28	0.2966	5.72	
DIESEL FUEL					
Tractors	gal	2.94	3.4114	10.03	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.2993	0.88	
REPAIR & MAINTENANCE					
Implements	acre	7.63	1.0000	7.63	
Tractors	acre	2.73	1.0000	2.73	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.44	1.0000	0.44	
INTEREST ON OP. CAP.	acre	18.63	1.0000	18.63	
TOTAL DIRECT EXPENSES				411.69	
FIXED EXPENSES					
Implements	acre	20.39	1.0000	20.39	
Tractors	acre	21.09	1.0000	21.09	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	3.58	1.0000	3.58	
TOTAL FIXED EXPENSES				68.84	
TOTAL SPECIFIED EXPENSES				480.53	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 1.B Summary of estimated costs and returns per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Non-irrigated, Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	42.0000	445.20	_____

TOTAL INCOME				445.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	32.20	1.0000	32.20	_____
HARVEST AIDS	acre	10.33	1.0000	10.33	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	94.79	1.0000	94.79	_____
INSECTICIDES	acre	13.98	1.0000	13.98	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	3.30	1.0000	3.30	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	12.18	1.0000	12.18	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0625	0.56	_____
OPERATOR LABOR	hour	19.28	0.3295	6.36	_____
UNALLOCATED LABOR	hour	19.28	0.2966	5.72	_____
DIESEL FUEL	gal	2.94	5.1352	15.10	_____
REPAIR & MAINTENANCE	acre	15.77	1.0000	15.77	_____
INTEREST ON OP. CAP.	acre	18.63	1.0000	18.63	_____

TOTAL DIRECT EXPENSES				411.69	_____
RETURNS ABOVE DIRECT EXPENSES				33.51	_____
TOTAL FIXED EXPENSES				68.84	_____

TOTAL SPECIFIED EXPENSES				480.53	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-35.33	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 1.C Estimated resource use for field operations, per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Non-irrigated, Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Subsoiler	3 shank	MFWD 300	0.204	0.20	Oct		0.04	0.04	0.04	0.03
Lime (Spread)	ton			0.33	Oct	0.3330				
Custom Apply Fert	acre			1.00	Oct	1.0000				
Phosphorus(46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
2,4-D Amine 4	pt					2.0000				
Select Max	pt					1.0000				
Valor SX	oz					2.0000				
Surfactant	pt					0.4000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Apr		0.05	0.05	0.10	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Soybeans Consultant	acre			1.00	May	1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Zidua WG	oz					1.5000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
Incidental Pest				1.00	Aug					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Gramoxone SL	oz					16.0000				
Sodium Chlorate 5L	gal					0.6000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Sep		0.08	0.08	0.08	0.07
Haul Soybeans	bu					42.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Sep		0.02	0.02	0.02	0.01
TOTALS							0.32	0.30	0.39	0.29

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 1.D Estimated costs for field operations, per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Non-irrigated, Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Subsoiler	3 shank		1.86	0.58	1.50		0.33	4.27	4.18	8.45
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus(46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Field Cultivate Fld	32'		2.12	1.35	1.71		0.43	5.61	8.54	14.15
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	3.84					0.21	4.05		4.05
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Select Max	pt	11.55					0.64	12.19		12.19
Valor SX	oz	6.12					0.34	6.46		6.46
Surfactant	pt	1.32					0.07	1.39		1.39
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Enlist E3	lb	72.00					2.97	74.97		74.97
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Inoculant -Soybean	acre	1.55					0.06	1.61		1.61
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Soybeans Consultant	acre	6.50					0.22	6.72		6.72
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Enlist Duo	pt	21.25					0.73	21.98		21.98
Dual Magnum	pt	7.79					0.27	8.06		8.06
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Zidua WG	oz	11.06					0.38	11.44		11.44
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Acephate 90SP	lb	5.98					0.08	6.06		6.06
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Sodium Chlorate 5L	gal	5.21					0.07	5.28		5.28
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	12.18					0.08	12.26		12.26
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
TOTALS		349.55	15.10	15.77	12.64	0.00	18.63	411.69	68.84	480.53

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 1.E Estimated monthly income and expense flows per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Non-irrigated, Delta Area, Mississippi, 2026

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	445.20
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	0.00	24.15	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	26.89	0.00	23.96	43.94	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	1.32	0.00	1.32	0.00	0.00	0.00	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.18
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	5.46	0.00	0.00	0.00	0.00	0.00	2.32	0.96	0.00	0.00	0.00	3.90
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	6.77	0.00	0.00	0.00	0.00	0.00	2.30	0.88	0.00	0.00	0.00	5.15
REPAIR & MAINTENANCE	4.20	0.00	0.00	0.00	0.00	0.00	4.44	0.44	0.00	0.00	0.00	6.69
INTEREST ON OP. CAP.	9.23	0.00	0.00	0.00	2.00	0.00	4.73	1.81	0.00	0.00	0.67	0.19
TOTAL DIRECT EXPENSES	121.24	0.00	0.00	0.00	38.26	0.00	119.76	54.53	0.00	0.00	49.79	28.11
NET INCOME	-121.24	0.00	0.00	0.00	-38.26	0.00	-119.76	-54.53	0.00	0.00	-49.79	417.09
NET INCOME TO DATE	-121.24	-121.24	-121.24	-121.24	-159.50	-159.50	-279.26	-333.79	-333.79	-333.79	-383.58	33.51

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre

* Lease costs are based on hourly usage costs.

Table 1.F Estimated returns for various price/yield combinations, per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Non-irrigated, Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	21.00	bu	-238	-227	-216	-205	-194	-182	-171	-160	-149	-138	-127
			-307	-296	-285	-274	-262	-251	-240	-229	-218	-207	-196
60	25.20	bu	-206	-193	-179	-166	-153	-139	-126	-112	-99	-86	-72
			-275	-261	-248	-235	-221	-208	-195	-181	-168	-155	-141
70	29.40	bu	-174	-158	-143	-127	-111	-96	-80	-65	-49	-34	-18
			-243	-227	-211	-196	-180	-165	-149	-134	-118	-102	-87
80	33.60	bu	-142	-124	-106	-88	-70	-53	-35	-17	0	18	35
			-210	-193	-175	-157	-139	-121	-104	-86	-68	-50	-32
90	37.80	bu	-109	-89	-69	-49	-29	-9	10	30	50	70	90
			-178	-158	-138	-118	-98	-78	-58	-38	-18	1	21
100	42.00	bu	-77	-55	-33	-11	11	33	55	78	100	122	144
			-146	-124	-102	-79	-57	-35	-13	9	31	53	75
110	46.20	bu	-45	-21	3	27	52	76	101	125	150	174	199
			-114	-89	-65	-41	-16	7	32	56	81	105	130
120	50.40	bu	-13	13	39	66	93	120	146	173	200	226	253
			-82	-55	-28	-2	24	51	77	104	131	158	184
130	54.60	bu	18	47	76	105	134	163	192	221	250	279	308
			-50	-21	7	36	65	94	123	152	181	210	239
140	58.80	bu	50	82	113	144	175	206	237	269	300	331	362
			-17	13	44	75	106	137	169	200	231	262	293
150	63.00	bu	83	116	149	183	216	249	283	316	350	383	416
			14	47	80	114	147	181	214	247	281	314	348

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 2.A Estimated costs per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	5.0000	40.25	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
Sodium Chlorate 5L	gal	8.68	0.6000	5.21	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
Miravis Top	oz	1.40	13.7000	19.18	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	64.0000	7.68	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Select Max	pt	11.55	1.0000	11.55	
Valor SX	oz	3.06	2.0000	6.12	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
Zidua WG	oz	7.37	1.5000	11.06	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	1.1000	3.63	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	60.0000	17.40	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.3601	6.94	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0235	0.46	
IRRIGATE LABOR					
Special Labor	hour	9.06	0.3000	2.73	
Implements	hour	9.06	0.0625	0.57	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0117	0.10	
UNALLOCATED LABOR	hour	19.27	0.3512	6.77	
DIESEL FUEL					
Tractors	gal	2.94	5.0744	14.91	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.2993	0.88	
Roll-Out Pipe Irr.	gal	2.94	7.3316	21.57	
REPAIR & MAINTENANCE					
Implements	acre	9.09	1.0000	9.09	
Tractors	acre	4.09	1.0000	4.09	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.44	1.0000	0.44	
Roll-Out Pipe Irr.	acre	7.16	1.0000	7.16	
INTEREST ON OP. CAP.	acre	21.10	1.0000	21.10	
TOTAL DIRECT EXPENSES				498.32	
FIXED EXPENSES					
Implements	acre	26.38	1.0000	26.38	
Tractors	acre	31.60	1.0000	31.60	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	3.58	1.0000	3.58	
Roll-Out Pipe Irr.	acre	74.47	1.0000	74.47	
TOTAL FIXED EXPENSES				159.81	
TOTAL SPECIFIED EXPENSES				658.13	

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 2.B Summary of estimated costs and returns per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	60.0000	636.00	_____

TOTAL INCOME				636.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	40.25	1.0000	40.25	_____
HARVEST AIDS	acre	10.33	1.0000	10.33	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	26.32	1.0000	26.32	_____
HERBICIDES	acre	94.79	1.0000	94.79	_____
INSECTICIDES	acre	13.98	1.0000	13.98	_____
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	3.63	1.0000	3.63	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	17.40	1.0000	17.40	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0625	0.56	_____
IRRIGATE LABOR	hour	9.06	0.3625	3.30	_____
OPERATOR LABOR	hour	19.28	0.4687	9.04	_____
UNALLOCATED LABOR	hour	19.27	0.3512	6.77	_____
DIESEL FUEL	gal	2.94	14.1298	41.55	_____
REPAIR & MAINTENANCE	acre	25.75	1.0000	25.75	_____
INTEREST ON OP. CAP.	acre	21.10	1.0000	21.10	_____

TOTAL DIRECT EXPENSES				498.32	_____
RETURNS ABOVE DIRECT EXPENSES				137.68	_____
TOTAL FIXED EXPENSES				159.81	_____

TOTAL SPECIFIED EXPENSES				658.13	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-22.13	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 2.C Estimated resource use for field operations, per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Subsoiler	3 shank	MFWD 300	0.204	0.20	Oct		0.04	0.04	0.04	0.03
Lime (Spread)	ton			0.33	Oct	0.3330				
Custom Apply Fert	acre			1.00	Oct	1.0000				
Phosphorus(46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
Bed/Lister-Roll-Fo	16R-30	MFWD 300	0.060	1.00	Oct		0.06	0.06	0.06	0.05
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
2,4-D Amine 4	pt					2.0000				
Select Max	pt					1.0000				
Valor SX	oz					2.0000				
Surfactant	pt					0.4000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Apr		0.05	0.05	0.10	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Soybeans Consultant	acre			1.00	May	1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Zidua WG	oz					1.5000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Miravis Top	oz					13.7000				
Surfactant	pt					0.1000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
Incidental Pest				1.00	Aug					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Gramoxone SL	oz					16.0000				
Sodium Chlorate 5L	gal					0.6000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Sep		0.08	0.08	0.08	0.07
Haul Soybeans	bu					60.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Sep		0.02	0.02	0.02	0.01
Roll-Out Pipe Irr.	acre				Jul	1.0000	0.07	0.07	0.44	
TOTALS							0.46	0.44	0.89	0.35

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 2.D Estimated costs for field operations, per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Subsoiler	3 shank		1.86	0.58	1.50		0.33	4.27	4.18	8.45
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus (46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Field Cultivate Fld	32'		2.12	1.35	1.71		0.43	5.61	8.54	14.15
Bed/Lister-Roll-Fo	16R-30		2.75	1.96	2.22		0.57	7.50	9.77	17.27
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	3.84					0.21	4.05		4.05
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Select Max	pt	11.55					0.64	12.19		12.19
Valor SX	oz	6.12					0.34	6.46		6.46
Surfactant	pt	1.32					0.07	1.39		1.39
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Enlist E3	lb	72.00					2.97	74.97		74.97
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Inoculant -Soybean	acre	1.55					0.06	1.61		1.61
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Soybeans Consultant	acre	6.50					0.22	6.72		6.72
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Enlist Duo	pt	21.25					0.73	21.98		21.98
Dual Magnum	pt	7.79					0.27	8.06		8.06
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Zidua WG	oz	11.06					0.38	11.44		11.44
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Miravis Top	oz	19.18					0.40	19.58		19.58
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Acephate 90SP	lb	5.98					0.08	6.06		6.06
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Sodium Chlorate 5L	gal	5.21					0.07	5.28		5.28
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	17.40					0.12	17.52		17.52
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
Roll-Out Pipe Irr.	acre	7.92	23.70	8.02	4.81		1.28	45.73	81.20	126.93
TOTALS		390.25	41.55	25.75	19.67	0.00	21.10	498.32	159.81	658.13

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 2.E Estimated monthly income and expense flows per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	636.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	8.05	24.15	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	19.18	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	26.89	0.00	23.96	43.94	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	1.32	0.00	1.32	0.00	0.00	0.33	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.40
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	8.41	0.00	0.00	0.00	0.00	0.00	2.32	1.19	2.92	0.23	0.00	4.60
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	10.61	0.00	0.00	0.00	0.00	0.00	2.30	0.88	14.94	7.19	0.00	5.63
REPAIR & MAINTENANCE	6.59	0.00	0.00	0.00	0.00	0.00	4.44	0.44	5.99	1.40	0.00	6.89
INTEREST ON OP. CAP.	9.99	0.00	0.00	0.00	2.00	0.00	4.73	1.82	0.89	0.76	0.67	0.24
TOTAL DIRECT EXPENSES	131.18	0.00	0.00	0.00	38.26	0.00	119.76	54.77	32.66	37.14	49.79	34.76
NET INCOME	-131.18	0.00	0.00	0.00	-38.26	0.00	-119.76	-54.77	-32.66	-37.14	-49.79	601.24
NET INCOME TO DATE	-131.18	-131.18	-131.18	-131.18	-169.44	-169.44	-289.20	-343.97	-376.63	-413.77	-463.56	137.68

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget
Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre

* Lease costs are based on hourly usage costs.

Table 2.F Estimated returns for various price/yield combinations, per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-251	-235	-219	-203	-187	-171	-155	-139	-123	-107	-92
			-410	-394	-379	-363	-347	-331	-315	-299	-283	-267	-251
60	36.00	bu	-205	-186	-166	-147	-128	-109	-90	-71	-52	-33	-14
			-364	-345	-326	-307	-288	-269	-250	-231	-212	-193	-174
70	42.00	bu	-159	-136	-114	-92	-70	-47	-25	-3	18	41	63
			-318	-296	-274	-252	-229	-207	-185	-163	-140	-118	-96
80	48.00	bu	-113	-87	-62	-36	-11	13	39	64	90	115	141
			-273	-247	-222	-196	-171	-145	-120	-94	-69	-44	-18
90	54.00	bu	-67	-38	-10	18	47	75	104	133	161	190	218
			-227	-198	-169	-141	-112	-83	-55	-26	1	30	59
100	60.00	bu	-21	10	42	74	105	137	169	201	233	264	296
			-181	-149	-117	-85	-53	-22	9	41	73	105	136
110	66.00	bu	24	59	94	129	164	199	234	269	304	339	374
			-135	-100	-65	-30	4	39	74	109	144	179	214
120	72.00	bu	70	108	146	185	223	261	299	337	375	414	452
			-89	-51	-12	25	63	101	139	177	216	254	292
130	78.00	bu	116	157	199	240	281	323	364	405	447	488	529
			-43	-1	39	80	122	163	204	246	287	328	370
140	84.00	bu	162	206	251	296	340	385	429	474	518	563	607
			2	47	91	136	180	225	269	314	358	403	447
150	90.00	bu	208	256	303	351	399	446	494	542	590	637	685
			48	96	144	191	239	287	334	382	430	477	525

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 3.A Estimated costs per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
Sodium Chlorate 5L	gal	8.68	0.6000	5.21	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
Miravis Top	oz	1.40	13.7000	19.18	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	64.0000	7.68	
Select Max	pt	11.55	1.0000	11.55	
Valor SX	oz	3.06	2.0000	6.12	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	1.1000	3.63	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	53.0000	15.37	
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.3362	6.48	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0352	0.69	
IRRIGATE LABOR					
Special Labor	hour	9.06	0.3125	2.82	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0176	0.15	
UNALLOCATED LABOR	hour	19.26	0.2284	4.40	
DIESEL FUEL					
Tractors	gal	2.94	3.8348	11.25	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.4490	1.32	
Contour Flood Irr.	gal	2.94	10.9974	32.34	
REPAIR & MAINTENANCE					
Implements	acre	7.14	1.0000	7.14	
Tractors	acre	3.05	1.0000	3.05	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.66	1.0000	0.66	
Contour Flood Irr.	acre	14.31	1.0000	14.31	
INTEREST ON OP. CAP.	acre	19.88	1.0000	19.88	
TOTAL DIRECT EXPENSES				473.81	
FIXED EXPENSES					
Implements	acre	18.15	1.0000	18.15	
Tractors	acre	23.46	1.0000	23.46	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	5.37	1.0000	5.37	
Contour Flood Irr.	acre	58.74	1.0000	58.74	
TOTAL FIXED EXPENSES				129.50	
TOTAL SPECIFIED EXPENSES				603.31	

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 3.B Summary of estimated costs and returns per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	53.0000	561.80	_____

TOTAL INCOME				561.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	32.20	1.0000	32.20	_____
HARVEST AIDS	acre	10.33	1.0000	10.33	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	26.32	1.0000	26.32	_____
HERBICIDES	acre	78.35	1.0000	78.35	_____
INSECTICIDES	acre	13.98	1.0000	13.98	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	3.63	1.0000	3.63	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	15.37	1.0000	15.37	_____
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0683	0.61	_____
IRRIGATE LABOR	hour	9.06	0.3125	2.82	_____
OPERATOR LABOR	hour	19.28	0.4566	8.81	_____
UNALLOCATED LABOR	hour	19.26	0.2284	4.40	_____
DIESEL FUEL	gal	2.94	16.7057	49.10	_____
REPAIR & MAINTENANCE	acre	30.13	1.0000	30.13	_____
INTEREST ON OP. CAP.	acre	19.88	1.0000	19.88	_____

TOTAL DIRECT EXPENSES				473.81	_____
RETURNS ABOVE DIRECT EXPENSES				87.99	_____
TOTAL FIXED EXPENSES				129.50	_____

TOTAL SPECIFIED EXPENSES				603.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-41.51	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 3.C Estimated resource use for field operations, per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Nov	0.3330				
Disk Harrow	32'	MFWD 300	0.061	1.00	Nov		0.06	0.06	0.06	0.05
Lime (Spread)	ton			0.33	Nov	0.3330				
Custom Apply Fert	acre			1.00	Nov	1.0000				
Phosphorus(46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Feb			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Select Max	pt					1.0000				
Surfactant	pt					0.4000				
Valor SX	oz					2.0000				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	May		0.05	0.05	0.10	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Miravis Top	oz					13.7000				
Surfactant	pt					0.1000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
Incidental Pest				1.00	Sep					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Gramoxone SL	oz					16.0000				
Sodium Chlorate 5L	gal					0.6000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					53.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
Contour Flood Irr.	acre				Jul	1.0000	0.20	0.20	0.51	
TOTALS							0.45	0.42	0.83	0.22

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 3.D Estimated costs for field operations, per acre
Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus(46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.07	1.21	1.79	3.00
Glyphosate 3lbs a.e	oz	3.84					0.24	4.08		4.08
Select Max	pt	11.55					0.71	12.26		12.26
Surfactant	pt	1.32					0.08	1.40		1.40
Valor SX	oz	6.12					0.38	6.50		6.50
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Enlist E3	lb	72.00					2.97	74.97		74.97
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Inoculant -Soybean	acre	1.55					0.06	1.61		1.61
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.05	1.19	1.79	2.98
Enlist Duo	pt	21.25					0.88	22.13		22.13
Dual Magnum	pt	7.79					0.32	8.11		8.11
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
App by Air (5 gal)	appl	8.05					0.22	8.27		8.27
Miravis Top	oz	19.18					0.53	19.71		19.71
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Acephate 90SP	lb	5.98					0.12	6.10		6.10
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Sodium Chlorate 5L	gal	5.21					0.07	5.28		5.28
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	15.37					0.11	15.48		15.48
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
Contour Flood Irr.	acre	2.25	37.54	16.07	6.73		1.76	64.35	71.59	135.94
TOTALS		358.06	49.10	30.13	16.64	0.00	19.88	473.81	129.50	603.31

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 3.E Estimated monthly income and expense flows per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	561.80
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.05	8.05	16.10	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	19.18	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	21.51	0.00	0.00	53.00	3.84	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	8.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	1.32	0.00	0.00	1.32	0.00	0.33	0.00	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.37
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	0.00	0.00	0.00	0.00
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	2.25	0.00	0.00	0.48	0.00	0.00	3.25	2.70	1.91	1.91	0.24	3.90
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	2.79	0.00	0.00	0.44	0.00	0.00	2.74	13.12	12.27	12.27	0.32	5.15
REPAIR & MAINTENANCE	2.27	0.00	0.00	0.22	0.00	0.00	4.66	9.58	3.30	3.30	0.11	6.69
INTEREST ON OP. CAP.	8.47	0.00	0.00	1.48	0.00	0.00	6.27	1.08	1.23	0.64	0.49	0.22
TOTAL DIRECT EXPENSES	111.36	0.00	0.00	25.45	0.00	0.00	158.43	32.57	46.27	32.15	36.25	31.33
NET INCOME	-111.36	0.00	0.00	-25.45	0.00	0.00	-158.43	-32.57	-46.27	-32.15	-36.25	530.47
NET INCOME TO DATE	-111.36	-111.36	-111.36	-136.81	-136.81	-136.81	-295.24	-327.81	-374.08	-406.23	-442.48	87.99

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre

* Lease costs are based on hourly usage costs.

Table 3.F Estimated returns for various price/yield combinations, per acre
 Soybeans, full-season, Enlist E3, stale seedbed, 16R30"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	26.50	bu	-255 -384	-241 -370	-227 -356	-213 -342	-199 -328	-185 -314	-171 -300	-157 -286	-143 -272	-128 -258	-114 -244
60	31.80	bu	-214 -344	-197 -327	-181 -310	-164 -293	-147 -276	-130 -260	-113 -243	-96 -226	-79 -209	-63 -192	-46 -175
70	37.10	bu	-174 -303	-154 -284	-134 -264	-115 -244	-95 -225	-75 -205	-56 -185	-36 -166	-16 -146	2 -126	22 -107
80	42.40	bu	-133 -263	-111 -240	-88 -218	-66 -195	-43 -173	-21 -150	1 -128	23 -105	46 -83	68 -60	91 -38
90	47.70	bu	-93 -222	-67 -197	-42 -171	-17 -146	8 -121	33 -96	58 -70	83 -45	109 -20	134 4	159 30
100	53.00	bu	-52 -181	-24 -153	3 -125	31 -97	59 -69	87 -41	116 -13	144 14	172 42	200 70	228 98
110	58.30	bu	-11 -141	19 -110	49 -79	80 -48	111 -17	142 13	173 44	204 74	235 105	266 136	297 167
120	63.60	bu	28 -100	62 -67	96 -33	129 0	163 34	197 67	230 101	264 135	298 168	332 202	365 236
130	68.90	bu	69 -60	105 -23	142 12	178 49	215 85	251 122	288 158	324 195	361 231	397 268	434 304
140	74.20	bu	109 -19	149 19	188 59	227 98	267 137	306 177	345 216	385 255	424 294	463 334	503 373
150	79.50	bu	150 20	192 63	234 105	276 147	319 189	361 231	403 273	445 315	487 358	529 400	571 442

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.
 Note: Cost of production estimates are based on 2025 input prices.

Table 4.A Estimated costs per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
FERTILIZERS					
Phosphorus (46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
Miravis Top	oz	1.40	13.7000	19.18	
HERBICIDES					
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
Prevathon	oz	1.52	14.0000	21.28	
Bifenthrin	oz	0.42	6.4000	2.69	
IncidentalPestTrt	\$8 acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	0.6000	1.98	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	50.0000	14.50	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.0720	1.39	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0117	0.23	
IRRIGATE LABOR					
Special Labor	hour	9.06	0.0518	0.47	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0058	0.05	
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	
DIESEL FUEL					
Tractors	gal	2.94	1.1121	3.26	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.1496	0.44	
1/2-mi Pivot Irr.	gal	2.94	16.4057	48.23	
REPAIR & MAINTENANCE					
Implements	acre	5.27	1.0000	5.27	
Tractors	acre	0.89	1.0000	0.89	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.22	1.0000	0.22	
1/2-mi Pivot Irr.	acre	12.00	1.0000	12.00	
INTEREST ON OP. CAP.	acre	16.64	1.0000	16.64	
TOTAL DIRECT EXPENSES				444.72	
FIXED EXPENSES					
Implements	acre	12.03	1.0000	12.03	
Tractors	acre	6.88	1.0000	6.88	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	1.79	1.0000	1.79	
1/2-mi Pivot Irr.	acre	56.45	1.0000	56.45	
TOTAL FIXED EXPENSES				100.93	
TOTAL SPECIFIED EXPENSES				545.65	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 4.B Summary of estimated costs and returns per acre
 Soybeans, double crop after wheat, Enlist E3, 16R30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	50.0000	530.00	_____

TOTAL INCOME				530.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	32.20	1.0000	32.20	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	26.32	1.0000	26.32	_____
HERBICIDES	acre	53.00	1.0000	53.00	_____
INSECTICIDES	acre	37.95	1.0000	37.95	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	1.98	1.0000	1.98	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	14.50	1.0000	14.50	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0566	0.51	_____
IRRIGATE LABOR	hour	9.06	0.0518	0.47	_____
OPERATOR LABOR	hour	19.28	0.1689	3.26	_____
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	_____
DIESEL FUEL	gal	2.94	19.0919	56.12	_____
REPAIR & MAINTENANCE	acre	23.35	1.0000	23.35	_____
INTEREST ON OP. CAP.	acre	16.64	1.0000	16.64	_____

TOTAL DIRECT EXPENSES				444.72	_____
RETURNS ABOVE DIRECT EXPENSES				85.28	_____
TOTAL FIXED EXPENSES				100.93	_____

TOTAL SPECIFIED EXPENSES				545.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-15.65	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 4.C Estimated resource use for field operations, per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Nov	0.3330				
Lime (Spread)	ton			0.33	Nov	0.3330				
Custom Apply Fert	acre			1.00	Nov	1.0000				
Phosphorus (46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Jun		0.05	0.05	0.10	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Miravis Top	oz					13.7000				
Surfactant	pt					0.1000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Prevathon	oz					14.0000				
Surfactant	pt					0.1000				
Bifenthrin	oz					6.4000				
Incidental Pest				1.00	Sep					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					50.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
1/2-mi Pivot Irr.	acre				Jul	1.0000			0.05	
TOTALS							0.16	0.15	0.27	0.14

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 4.D Estimated costs for field operations, per acre
 Soybeans, double crop after wheat, Enlist E3, 16R30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus(46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.28		0.31	9.33	14.04	23.37
Soybean Enlist E3	lb	72.00					2.48	74.48		74.48
CruiserMaxx Vibrance	oz	7.14					0.25	7.39		7.39
Inoculant -Soybean	acre	1.55					0.05	1.60		1.60
Boundary	pt	13.72					0.47	14.19		14.19
Gramoxone SL 2.0	oz	10.24					0.35	10.59		10.59
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.47		0.03	1.16	1.79	2.95
Enlist Duo	pt	21.25					0.58	21.83		21.83
Dual Magnum	pt	7.79					0.21	8.00		8.00
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Miravis Top	oz	19.18					0.40	19.58		19.58
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Acephate 90SP	lb	5.98					0.12	6.10		6.10
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Prevathon	oz	21.28					0.44	21.72		21.72
Surfactant	pt	0.33					0.01	0.34		0.34
Bifenthrin	oz	2.69					0.06	2.75		2.75
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
Header -Soybean	30' Flex		4.19	6.14	3.05		0.09	13.47	25.98	39.45
Haul Soybeans	bu	14.50					0.10	14.60		14.60
Grain Cart Soybean	700 bu		0.96	0.55	0.76		0.02	2.29	2.67	4.96
1/2-mi Pivot Irr.	acre		48.23	12.00	0.47		1.74	62.44	56.45	118.89
TOTALS		341.58	56.12	23.35	7.03	0.00	16.64	444.72	100.93	545.65

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 4.E Estimated monthly income and expense flows per acre
 Soybeans, double crop after wheat, Enlist E3, 16R30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	530.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.15	8.05	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	19.18	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.96	29.04	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.95	8.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.66	0.00	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.50
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.32	0.52	0.04	0.00	3.81
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.77	19.73	14.47	0.00	5.15
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.85	1.13	0.68	0.00	6.69
INTEREST ON OP. CAP.	7.87	0.00	0.00	0.00	0.00	0.00	0.28	4.82	1.38	1.86	0.22	0.21
TOTAL DIRECT EXPENSES	103.45	0.00	0.00	0.00	0.00	0.00	7.12	144.73	51.80	90.99	16.27	30.36
NET INCOME	-103.45	0.00	0.00	0.00	0.00	0.00	-7.12	-144.73	-51.80	-90.99	-16.27	499.64
NET INCOME TO DATE	-103.45	-103.45	-103.45	-103.45	-103.45	-103.45	-110.57	-255.30	-307.10	-398.09	-414.36	85.28

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget
Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre

* Lease costs are based on hourly usage costs.

Table 4.F Estimated returns for various price/yield combinations, per acre
 Soybeans, double crop after wheat, Enlist E3, 16R30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-238	-225	-212	-198	-185	-172	-159	-145	-132	-119	-106
			-339	-326	-313	-299	-286	-273	-260	-246	-233	-220	-207
60	30.00	bu	-200	-184	-168	-152	-136	-120	-104	-89	-73	-57	-41
			-301	-285	-269	-253	-237	-221	-205	-190	-174	-158	-142
70	35.00	bu	-162	-143	-124	-106	-87	-69	-50	-32	-13	4	23
			-263	-244	-225	-207	-188	-170	-151	-133	-114	-96	-77
80	40.00	bu	-123	-102	-81	-60	-39	-17	3	24	45	67	88
			-224	-203	-182	-161	-139	-118	-97	-76	-55	-33	-12
90	45.00	bu	-85	-61	-37	-13	9	33	57	81	105	129	152
			-186	-162	-138	-114	-91	-67	-43	-19	4	28	52
100	50.00	bu	-47	-20	5	32	58	85	111	138	164	191	217
			-148	-121	-95	-68	-42	-15	10	37	63	90	116
110	55.00	bu	-8	20	49	78	107	136	165	195	224	253	282
			-109	-80	-51	-22	6	35	65	94	123	152	181
120	60.00	bu	29	61	92	124	156	188	220	251	283	315	347
			-71	-39	-7	23	55	87	119	151	182	214	246
130	65.00	bu	67	102	136	171	205	239	274	308	343	377	412
			-33	1	35	70	104	138	173	207	242	276	311
140	70.00	bu	105	143	180	217	254	291	328	365	402	439	476
			5	42	79	116	153	190	227	264	301	338	376
150	75.00	bu	144	183	223	263	303	342	382	422	462	501	541
			43	83	122	162	202	242	281	321	361	401	440

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.
 Note: Cost of production estimates are based on 2025 input prices..

Table 5.A Estimated costs per acre
Soybeans, full-season, Enlist E3, April planted, 16R30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	2.0000	16.10	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.6600	21.29	
Potash (60% K2O)	cwt	25.56	1.0000	25.56	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	64.0000	7.68	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	0.6000	1.98	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	43.0000	12.47	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.1764	3.40	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0352	0.69	
HAND LABOR					
Implements	hour	9.06	0.0471	0.43	
Self-Propelled	hour	9.06	0.0176	0.15	
UNALLOCATED LABOR	hour	19.27	0.2671	5.15	
DIESEL FUEL					
Tractors	gal	2.94	2.7243	8.01	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.4490	1.32	
REPAIR & MAINTENANCE					
Implements	acre	7.17	1.0000	7.17	
Tractors	acre	2.18	1.0000	2.18	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.66	1.0000	0.66	
INTEREST ON OP. CAP.	acre	15.05	1.0000	15.05	
TOTAL DIRECT EXPENSES				328.74	
FIXED EXPENSES					
Implements	acre	19.20	1.0000	19.20	
Tractors	acre	16.84	1.0000	16.84	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	5.37	1.0000	5.37	
TOTAL FIXED EXPENSES				65.19	
TOTAL SPECIFIED EXPENSES				393.93	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 5.B Summary of estimated costs and returns per acre
Soybeans, full-season, Enlist E3, April planted, 16R30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	43.0000	455.80	_____

TOTAL INCOME				455.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	16.10	1.0000	16.10	_____
HARVEST AIDS	acre	5.12	1.0000	5.12	_____
FERTILIZERS	acre	46.85	1.0000	46.85	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	66.06	1.0000	66.06	_____
INSECTICIDES	acre	5.98	1.0000	5.98	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	1.98	1.0000	1.98	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	12.47	1.0000	12.47	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0647	0.58	_____
OPERATOR LABOR	hour	19.28	0.2968	5.73	_____
UNALLOCATED LABOR	hour	19.27	0.2671	5.15	_____
DIESEL FUEL	gal	2.94	4.5978	13.52	_____
REPAIR & MAINTENANCE	acre	14.98	1.0000	14.98	_____
INTEREST ON OP. CAP.	acre	15.05	1.0000	15.05	_____

TOTAL DIRECT EXPENSES				328.74	_____
RETURNS ABOVE DIRECT EXPENSES				127.06	_____
TOTAL FIXED EXPENSES				65.19	_____

TOTAL SPECIFIED EXPENSES				393.93	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				61.87	_____

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 5.C Estimated resource use for field operations, per acre
Soybeans, full-season, Enlist E3, April planted, 16R30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Lime (Spread)	ton			0.33	Oct	0.3330				
Custom Apply Fert	acre			1.00	Oct	1.0000				
Phosphorus (46% P2O5)	cwt					0.6600				
Potash (60% K2O)	cwt					1.0000				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
2,4-D Amine 4	pt					2.0000				
Plant - Folding	16R-30	MFWD 300	0.047	1.00	Apr		0.04	0.04	0.09	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
Soybeans Consultant	acre			1.00	May	1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Aug			0.01	0.01	0.01
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Gramoxone SL	oz					16.0000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Sep		0.08	0.08	0.08	0.07
Haul Soybeans	bu					43.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Sep		0.02	0.02	0.02	0.01
TOTALS							0.29	0.26	0.36	0.26

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 5.D Estimated costs for field operations, per acre
Soybeans, full-season, Enlist E3, April planted, 16R30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus (46% P2O5)	cwt	21.29					1.76	23.05		23.05
Potash (60% K2O)	cwt	25.56					2.11	27.67		27.67
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Field Cultivate Fld	32'		2.12	1.35	1.71		0.43	5.61	8.54	14.15
App by Air (5 gal)	appl	8.05					0.39	8.44		8.44
Glyphosate 3lbs a.e	oz	3.84					0.18	4.02		4.02
2,4-D Amine 4	pt	5.38					0.26	5.64		5.64
Plant - Folding	16R-30		2.14	4.01	2.16		0.34	8.65	12.78	21.43
Soybean Enlist E3	lb	72.00					2.97	74.97		74.97
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Enlist Duo	pt	21.25					0.73	21.98		21.98
Dual Magnum	pt	7.79					0.27	8.06		8.06
Soybeans Consultant	acre	6.50					0.22	6.72		6.72
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.02	1.16	1.79	2.95
Acephate 90SP	lb	5.98					0.08	6.06		6.06
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	12.47					0.09	12.56		12.56
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
TOTALS		273.73	13.52	14.98	11.46	0.00	15.05	328.74	65.19	393.93

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 5.E Estimated monthly income and expense flows per acre
Soybeans, full-season, Enlist E3, April planted, 16R30"
Non-Delta Area, Mississippi, 2026

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	455.80
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	8.05	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	0.00
FERTILIZERS	46.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	9.22	23.96	32.88	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.47
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	3.96	0.00	0.00	0.00	0.00	0.00	2.16	0.96	0.00	0.00	0.48	3.90
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	4.91	0.00	0.00	0.00	0.00	0.00	2.14	0.88	0.00	0.00	0.44	5.15
REPAIR & MAINTENANCE	3.62	0.00	0.00	0.00	0.00	0.00	4.01	0.44	0.00	0.00	0.22	6.69
INTEREST ON OP. CAP.	7.66	0.00	0.00	0.00	0.00	0.83	4.64	1.43	0.00	0.00	0.29	0.20
TOTAL DIRECT EXPENSES	100.53	0.00	0.00	0.00	0.00	18.10	117.37	43.09	0.00	0.00	21.24	28.41
NET INCOME	-100.53	0.00	0.00	0.00	0.00	-18.10	-117.37	-43.09	0.00	0.00	-21.24	427.39
NET INCOME TO DATE	-100.53	-100.53	-100.53	-100.53	-100.53	-118.63	-236.00	-279.09	-279.09	-279.09	-300.33	127.06

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget
Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre

* Lease costs are based on hourly usage costs.

Table 5.F Estimated returns for various price/yield combinations, per acre
Soybeans, full-season, Enlist E3, April planted, 16R30"
Non-Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	21.50	bu	-151	-140	-128	-117	-105	-94	-83	-71	-60	-48	-37
			-216	-205	-193	-182	-171	-159	-148	-136	-125	-114	-102
60	25.80	bu	-118	-104	-91	-77	-63	-50	-36	-22	-9	4	18
			-183	-170	-156	-142	-129	-115	-101	-88	-74	-60	-47
70	30.10	bu	-85	-69	-53	-37	-21	-5	10	25	41	57	73
			-150	-134	-118	-103	-87	-71	-55	-39	-23	-7	8
80	34.40	bu	-52	-34	-16	1	20	38	56	74	93	111	129
			-117	-99	-81	-63	-45	-26	-8	9	27	46	64
90	38.70	bu	-19	0	21	41	62	82	103	123	144	164	185
			-85	-64	-43	-23	-2	17	38	58	79	99	120
100	43.00	bu	13	35	58	81	104	127	149	172	195	218	241
			-52	-29	-6	16	39	61	84	107	130	153	175
110	47.30	bu	46	71	96	121	146	171	196	221	246	271	296
			-19	5	30	56	81	106	131	156	181	206	231
120	51.60	bu	78	106	133	161	188	215	243	270	297	325	352
			13	41	68	95	123	150	177	205	232	259	287
130	55.90	bu	111	141	171	200	230	260	289	319	348	378	408
			46	76	105	135	165	194	224	254	283	313	342
140	60.20	bu	144	176	208	240	272	304	336	368	400	431	463
			79	111	143	175	207	239	271	302	334	366	398
150	64.50	bu	177	211	246	280	314	348	382	417	451	485	519
			112	146	180	215	249	283	317	351	386	420	454

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 6.A Estimated costs per acre
Soybeans, full-season, Enlist E3, May planted, 16R30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	1.0000	8.05	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
FERTILIZERS					
Phosphorus (46% P2O5)	cwt	32.25	0.6600	21.29	
Potash (60% K2O)	cwt	25.56	1.0000	25.56	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	64.0000	7.68	
Select Max	pt	11.55	1.0000	11.55	
Fierce	oz	7.75	3.5000	27.13	
Gramoxone SL 2.0	oz	0.32	64.0000	20.48	
Boundary	pt	6.86	2.0000	13.72	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Dimilin 2L	oz	0.77	1.0000	0.77	
Bifenthrin	oz	0.42	1.0500	0.44	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	1.4500	4.79	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	40.0000	11.60	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.2407	4.64	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0587	1.14	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0293	0.26	
UNALLOCATED LABOR	hour	19.24	0.3461	6.66	
DIESEL FUEL					
Tractors	gal	2.94	3.7171	10.92	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.7484	2.20	
REPAIR & MAINTENANCE					
Implements	acre	8.76	1.0000	8.76	
Tractors	acre	2.98	1.0000	2.98	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	1.10	1.0000	1.10	
INTEREST ON OP. CAP.	acre	12.80	1.0000	12.80	
TOTAL DIRECT EXPENSES				369.11	
FIXED EXPENSES					
Implements	acre	24.09	1.0000	24.09	
Tractors	acre	22.98	1.0000	22.98	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	8.94	1.0000	8.94	
TOTAL FIXED EXPENSES				79.79	
TOTAL SPECIFIED EXPENSES				448.90	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 6.B Summary of estimated costs and returns per acre
Soybeans, full-season, Enlist E3, May planted, 16R30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	40.0000	424.00	_____

TOTAL INCOME				424.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.05	1.0000	8.05	_____
HARVEST AIDS	acre	5.12	1.0000	5.12	_____
FERTILIZERS	acre	46.85	1.0000	46.85	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	109.60	1.0000	109.60	_____
INSECTICIDES	acre	1.21	1.0000	1.21	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	4.79	1.0000	4.79	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	11.60	1.0000	11.60	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0801	0.72	_____
OPERATOR LABOR	hour	19.28	0.3846	7.42	_____
UNALLOCATED LABOR	hour	19.24	0.3461	6.66	_____
DIESEL FUEL	gal	2.94	5.8899	17.31	_____
REPAIR & MAINTENANCE	acre	17.81	1.0000	17.81	_____
INTEREST ON OP. CAP.	acre	12.80	1.0000	12.80	_____

TOTAL DIRECT EXPENSES				369.11	_____
RETURNS ABOVE DIRECT EXPENSES				54.89	_____
TOTAL FIXED EXPENSES				79.79	_____

TOTAL SPECIFIED EXPENSES				448.90	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-24.90	_____

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 6.C Estimated resource use for field operations, per acre
Soybeans, full-season, Enlist E3, May planted, 16R30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Lime (Spread)	ton			0.33	Oct	0.3330				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
Bed/Lister-Roll-Fo	16R-30	MFWD 300	0.060	1.00	Oct		0.06	0.06	0.06	0.05
Sprayer 600-825gal	90' 250hp		0.011	1.00	Feb			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Select Max	pt					1.0000				
Surfactant	pt					0.4000				
Custom Apply Fert	acre			1.00	Apr	1.0000				
Phosphorus(46% P2O5)	cwt					0.6600				
Potash (60% K2O)	cwt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Apr			0.01	0.01	0.01
Fierce	oz					3.5000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	May		0.05	0.05	0.10	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Sprayer 600-825gal	90' 250hp		0.011	0.50	Jul			0.00	0.00	0.00
Dimilin 2L	oz					1.0000				
Surfactant	pt					0.0500				
Sprayer 600-825gal	90' 250hp		0.011	0.50	Aug			0.00	0.00	0.00
Bifenthrin	oz					1.0500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Gramoxone SL	oz					16.0000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					40.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
TOTALS							0.38	0.32	0.46	0.34

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 6.D Estimated costs for field operations, per acre
Soybeans, full-season, Enlist E3, May planted, 16R30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.02	3.35		3.35
Lime (Spread)	ton	21.20					0.15	21.35		21.35
Disk Harrow	32'		2.79	2.27	2.25		0.05	7.36	9.85	17.21
Field Cultivate Fld	32'		2.12	1.35	1.71		0.04	5.22	8.54	13.76
Bed/Lister-Roll-Fo	16R-30		2.75	1.96	2.22		0.05	6.98	9.77	16.75
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.07	1.21	1.79	3.00
Glyphosate 3lbs a.e	oz	3.84					0.24	4.08		4.08
Select Max	pt	11.55					0.71	12.26		12.26
Surfactant	pt	1.32					0.08	1.40		1.40
Custom Apply Fert	acre	9.00					0.43	9.43		9.43
Phosphorus (46% P2O5)	cwt	21.29					1.02	22.31		22.31
Potash (60% K2O)	cwt	25.56					1.23	26.79		26.79
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.05	1.19	1.79	2.98
Fierce	oz	27.13					1.31	28.44		28.44
Gramoxone SL 2.0	oz	10.24					0.49	10.73		10.73
Surfactant	pt	1.32					0.06	1.38		1.38
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Enlist E3	lb	72.00					2.97	74.97		74.97
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.05	1.19	1.79	2.98
Enlist Duo	pt	21.25					0.88	22.13		22.13
Dual Magnum	pt	7.79					0.32	8.11		8.11
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Sprayer 600-825gal	90' 250hp		0.22	0.11	0.24		0.02	0.59	0.89	1.48
Dimilin 2L	oz	0.77					0.02	0.79		0.79
Surfactant	pt	0.17						0.17		0.17
Sprayer 600-825gal	90' 250hp		0.22	0.11	0.24		0.01	0.58	0.89	1.47
Bifenthrin	oz	0.44					0.01	0.45		0.45
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	11.60					0.08	11.68		11.68
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
TOTALS		306.39	17.31	17.81	14.80	0.00	12.80	369.11	79.79	448.90

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 6.E Estimated monthly income and expense flows per acre
Soybeans, full-season, Enlist E3, May planted, 16R30"
Non-Delta Area, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.05	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	46.85	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	15.39	0.00	37.37	53.00	3.84	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.44	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	1.32	0.00	1.32	1.32	0.00	0.17	0.00	0.66	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60
CUSTOM LIME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.20
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
SOIL TEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33
LABOR	0.00	0.00	0.00	0.48	0.00	0.48	2.80	0.48	0.24	0.24	0.00	10.08
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.44	0.00	0.44	2.74	0.44	0.22	0.22	0.00	12.81
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.22	0.00	0.22	4.66	0.22	0.11	0.11	0.00	12.27
INTEREST ON OP. CAP.	0.00	0.00	0.00	1.10	0.00	4.59	6.19	0.17	0.04	0.02	0.19	0.50
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	18.95	0.00	100.27	156.35	5.15	1.55	1.03	14.02	71.79
NET INCOME	0.00	0.00	0.00	-18.95	0.00	-100.27	-156.35	-5.15	-1.55	-1.03	-14.02	352.21
NET INCOME TO DATE	0.00	0.00	0.00	-18.95	-18.95	-119.22	-275.57	-280.72	-282.27	-283.30	-297.32	54.89

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget
Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre

* Lease costs are based on hourly usage costs.

Table 6.F Estimated returns for various price/yield combinations, per acre
Soybeans, full-season, Enlist E3, May planted, 16R30"
Non-Delta Area, Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	dollars										
50	20.00	bu	-204	-193	-183	-172	-161	-151	-140	-130	-119	-108	-98
			-284	-273	-262	-252	-241	-231	-220	-209	-199	-188	-178
60	24.00	bu	-173	-160	-148	-135	-122	-110	-97	-84	-71	-59	-46
			-253	-240	-227	-215	-202	-189	-177	-164	-151	-138	-126
70	28.00	bu	-143	-128	-113	-98	-83	-68	-53	-39	-24	-9	5
			-222	-207	-193	-178	-163	-148	-133	-118	-104	-89	-74
80	32.00	bu	-112	-95	-78	-61	-44	-27	-10	6	23	40	57
			-192	-175	-158	-141	-124	-107	-90	-73	-56	-39	-22
90	36.00	bu	-81	-62	-43	-24	-5	13	32	51	70	89	109
			-161	-142	-123	-104	-85	-66	-47	-27	-8	10	29
100	40.00	bu	-51	-29	-8	12	33	54	76	97	118	139	160
			-130	-109	-88	-67	-46	-24	-3	17	38	59	81
110	44.00	bu	-20	2	26	49	72	96	119	142	166	189	212
			-100	-76	-53	-30	-6	16	39	62	86	109	132
120	48.00	bu	10	35	61	86	111	137	162	188	213	239	264
			-69	-44	-18	6	32	57	83	108	133	159	184
130	52.00	bu	40	68	95	123	151	178	206	233	261	288	316
			-39	-11	16	43	71	98	126	153	181	209	236
140	56.00	bu	71	101	130	160	190	219	249	279	308	338	368
			-8	21	50	80	110	140	169	199	229	258	288
150	60.00	bu	102	133	165	197	229	261	292	324	356	388	420
			22	54	85	117	149	181	213	244	276	308	340

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 7.A Estimated costs per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
Non-irrigated, All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Enlist Duo	pt	6.07	3.5000	21.25	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
Prevathon	oz	1.52	14.0000	21.28	
Bifenthrin	oz	0.42	6.4000	2.69	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Enlist E3	lb	1.44	50.0000	72.00	
ADJUVANTS					
Surfactant	pt	3.30	0.5000	1.65	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	25.0000	7.25	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.0720	1.39	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0117	0.23	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0058	0.05	
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	
DIESEL FUEL					
Tractors	gal	2.94	1.1121	3.26	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.1496	0.44	
REPAIR & MAINTENANCE					
Implements	acre	5.27	1.0000	5.27	
Tractors	acre	0.89	1.0000	0.89	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.22	1.0000	0.22	
INTEREST ON OP. CAP.	acre	14.27	1.0000	14.27	
TOTAL DIRECT EXPENSES				346.84	
FIXED EXPENSES					
Implements	acre	12.03	1.0000	12.03	
Tractors	acre	6.88	1.0000	6.88	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	1.79	1.0000	1.79	
TOTAL FIXED EXPENSES				44.48	
TOTAL SPECIFIED EXPENSES				391.32	

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 7.B Summary of estimated costs and returns per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
Non-irrigated, All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	25.0000	265.00	_____

TOTAL INCOME				265.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	24.15	1.0000	24.15	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	53.00	1.0000	53.00	_____
INSECTICIDES	acre	37.95	1.0000	37.95	_____
SEED/PLANTS	acre	72.00	1.0000	72.00	_____
ADJUVANTS	acre	1.65	1.0000	1.65	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	7.25	1.0000	7.25	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0566	0.51	_____
OPERATOR LABOR	hour	19.28	0.1689	3.26	_____
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	_____
DIESEL FUEL	gal	2.94	2.6861	7.89	_____
REPAIR & MAINTENANCE	acre	11.35	1.0000	11.35	_____
INTEREST ON OP. CAP.	acre	14.27	1.0000	14.27	_____

TOTAL DIRECT EXPENSES				346.84	_____
RETURNS ABOVE DIRECT EXPENSES				-81.84	_____
TOTAL FIXED EXPENSES				44.48	_____

TOTAL SPECIFIED EXPENSES				391.32	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-126.32	_____

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 7.C Estimated resource use for field operations, per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
Non-irrigated, All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Nov	0.3330				
Lime (Spread)	ton			0.33	Nov	0.3330				
Custom Apply Fert	acre			1.00	Nov	1.0000				
Phosphorus (46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Jun		0.05	0.05	0.10	0.04
Soybean Enlist E3	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.01
Enlist Duo	pt					3.5000				
Dual Magnum	pt					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Prevathon	oz					14.0000				
Surfactant	pt					0.1000				
Bifenthrin	oz					6.4000				
Incidental Pest				1.00	Sep					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					25.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
TOTALS							0.16	0.15	0.22	0.14

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 7.D Estimated costs for field operations, per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
Non-irrigated, All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus(46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.28		0.31	9.33	14.04	23.37
Soybean Enlist E3	lb	72.00					2.48	74.48		74.48
CruiserMaxx Vibrance	oz	7.14					0.25	7.39		7.39
Inoculant -Soybean	acre	1.55					0.05	1.60		1.60
Boundary	pt	13.72					0.47	14.19		14.19
Gramoxone SL 2.0	oz	10.24					0.35	10.59		10.59
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.47		0.03	1.16	1.79	2.95
Enlist Duo	pt	21.25					0.58	21.83		21.83
Dual Magnum	pt	7.79					0.21	8.00		8.00
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Acephate 90SP	lb	5.98					0.12	6.10		6.10
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Prevathon	oz	21.28					0.44	21.72		21.72
Surfactant	pt	0.33					0.01	0.34		0.34
Bifenthrin	oz	2.69					0.06	2.75		2.75
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
Header -Soybean	30' Flex		4.19	6.14	3.05		0.09	13.47	25.98	39.45
Haul Soybeans	bu	7.25					0.05	7.30		7.30
Grain Cart Soybean	700 bu		0.96	0.55	0.76		0.02	2.29	2.67	4.96
TOTALS		306.77	7.89	11.35	6.56	0.00	14.27	346.84	44.48	391.32

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

Table 7.E Estimated monthly income and expense flows per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
Non-irrigated, All Areas, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.10	8.05	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.96	29.04	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.95	8.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.33	0.00	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.25
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	0.47	0.00	0.00	3.81
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30	0.44	0.00	0.00	5.15
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.44	0.22	0.00	0.00	6.69
INTEREST ON OP. CAP.	7.87	0.00	0.00	0.00	0.00	0.00	0.27	3.96	0.82	0.97	0.22	0.16
TOTAL DIRECT EXPENSES	103.45	0.00	0.00	0.00	0.00	0.00	6.77	118.95	30.99	47.35	16.27	23.06
NET INCOME	-103.45	0.00	0.00	0.00	0.00	0.00	-6.77	-118.95	-30.99	-47.35	-16.27	241.94
NET INCOME TO DATE	-103.45	-103.45	-103.45	-103.45	-103.45	-103.45	-110.22	-229.17	-260.16	-307.51	-323.78	-81.84

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget
Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre* Lease costs are based on hourly usage costs.

Table 7.F Estimated returns for various price/yield combinations, per acre
Soybeans, double crop after wheat, Enlist E3, 16R30"
Non-irrigated, All Areas, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	12.50	bu	-243	-237	-230	-223	-217	-210	-204	-197	-190	-184	-177
			-288	-281	-275	-268	-261	-255	-248	-241	-235	-228	-222
60	15.00	bu	-224	-216	-208	-200	-192	-184	-176	-169	-161	-153	-145
			-269	-261	-253	-245	-237	-229	-221	-213	-205	-197	-189
70	17.50	bu	-205	-196	-186	-177	-168	-159	-149	-140	-131	-122	-112
			-250	-240	-231	-222	-212	-203	-194	-185	-175	-166	-157
80	20.00	bu	-186	-175	-165	-154	-143	-133	-122	-112	-101	-90	-80
			-230	-220	-209	-199	-188	-177	-167	-156	-146	-135	-124
90	22.50	bu	-167	-155	-143	-131	-119	-107	-95	-83	-71	-59	-47
			-211	-199	-187	-175	-164	-152	-140	-128	-116	-104	-92
100	25.00	bu	-148	-134	-121	-108	-95	-81	-68	-55	-42	-28	-15
			-192	-179	-166	-152	-139	-126	-113	-99	-86	-73	-60
110	27.50	bu	-128	-114	-99	-85	-70	-56	-41	-26	-12	2	16
			-173	-158	-144	-129	-115	-100	-85	-71	-56	-42	-27
120	30.00	bu	-109	-93	-78	-62	-46	-30	-14	1	17	33	49
			-154	-138	-122	-106	-90	-74	-58	-42	-27	-11	4
130	32.50	bu	-90	-73	-56	-38	-21	-4	12	29	47	64	81
			-135	-117	-100	-83	-66	-49	-31	-14	2	19	37
140	35.00	bu	-71	-52	-34	-15	2	21	39	58	76	95	113
			-115	-97	-78	-60	-41	-23	-4	13	32	50	69
150	37.50	bu	-52	-32	-12	7	27	47	66	86	106	126	146
			-96	-76	-57	-37	-17	2	22	42	62	82	101

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 8.A Estimated costs per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Non-irrigated, Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
Sodium Chlorate 5L	gal	8.68	0.6000	5.21	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	96.0000	11.52	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Select Max	pt	11.55	1.0000	11.55	
Valor SX	oz	3.06	2.0000	6.12	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
Zidua WG	oz	7.37	1.5000	11.06	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	1.0000	3.30	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	42.0000	12.18	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.2209	4.26	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0235	0.46	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0117	0.10	
UNALLOCATED LABOR					
	hour	19.28	0.2966	5.72	
DIESEL FUEL					
Tractors	gal	2.94	3.4114	10.03	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.2993	0.88	
REPAIR & MAINTENANCE					
Implements	acre	7.63	1.0000	7.63	
Tractors	acre	2.73	1.0000	2.73	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.44	1.0000	0.44	
INTEREST ON OP. CAP.	acre	18.42	1.0000	18.42	
TOTAL DIRECT EXPENSES				405.64	
FIXED EXPENSES					
Implements	acre	20.39	1.0000	20.39	
Tractors	acre	21.09	1.0000	21.09	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	3.58	1.0000	3.58	
TOTAL FIXED EXPENSES				68.84	
TOTAL SPECIFIED EXPENSES				474.48	

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 8.B Summary of estimated costs and returns per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Non-irrigated, Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	42.0000	445.20	_____

TOTAL INCOME				445.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	32.20	1.0000	32.20	_____
HARVEST AIDS	acre	10.33	1.0000	10.33	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	90.95	1.0000	90.95	_____
INSECTICIDES	acre	13.98	1.0000	13.98	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	3.30	1.0000	3.30	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	12.18	1.0000	12.18	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0625	0.56	_____
OPERATOR LABOR	hour	19.28	0.3295	6.36	_____
UNALLOCATED LABOR	hour	19.28	0.2966	5.72	_____
DIESEL FUEL	gal	2.94	5.1352	15.10	_____
REPAIR & MAINTENANCE	acre	15.77	1.0000	15.77	_____
INTEREST ON OP. CAP.	acre	18.42	1.0000	18.42	_____

TOTAL DIRECT EXPENSES				405.64	_____
RETURNS ABOVE DIRECT EXPENSES				39.56	_____
TOTAL FIXED EXPENSES				68.84	_____

TOTAL SPECIFIED EXPENSES				474.48	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-29.28	_____

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 8.C Estimated resource use for field operations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Non-irrigated, Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Subsoiler	3 shank	MFWD 300	0.204	0.20	Oct		0.04	0.04	0.04	0.03
Lime (Spread)	ton			0.33	Oct	0.3330				
Custom Apply Fert	acre			1.00	Oct	1.0000				
Phosphorus (46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
2,4-D Amine 4	pt					2.0000				
Select Max	pt					1.0000				
Valor SX	oz					2.0000				
Surfactant	pt					0.4000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Apr		0.05	0.05	0.10	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Soybeans Consultant	acre			1.00	May	1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Zidua WG	oz					1.5000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
Incidental Pest				1.00	Aug					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Gramoxone SL	oz					16.0000				
Sodium Chlorate 5L	gal					0.6000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Sep		0.08	0.08	0.08	0.07
Haul Soybeans	bu					42.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Sep		0.02	0.02	0.02	0.01
TOTALS							0.32	0.30	0.39	0.29

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 8.D Estimated costs for field operations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Non-irrigated, Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Subsoiler	3 shank		1.86	0.58	1.50		0.33	4.27	4.18	8.45
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus (46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Field Cultivate Fld	32'		2.12	1.35	1.71		0.43	5.61	8.54	14.15
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	3.84					0.21	4.05		4.05
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Select Max	pt	11.55					0.64	12.19		12.19
Valor SX	oz	6.12					0.34	6.46		6.46
Surfactant	pt	1.32					0.07	1.39		1.39
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Seed RR2X	lb	70.00					2.89	72.89		72.89
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Inoculant -Soybean	acre	1.55					0.06	1.61		1.61
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Soybeans Consultant	acre	6.50					0.22	6.72		6.72
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Engenia	oz	13.57					0.47	14.04		14.04
Dual Magnum	pt	7.79					0.27	8.06		8.06
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Zidua WG	oz	11.06					0.38	11.44		11.44
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Acephate 90SP	lb	5.98					0.08	6.06		6.06
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Sodium Chlorate 5L	gal	5.21					0.07	5.28		5.28
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	12.18					0.08	12.26		12.26
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
TOTALS		343.71	15.10	15.77	12.64	0.00	18.42	405.64	68.84	474.48

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 8.E Estimated monthly income and expense flows per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Non-irrigated, Delta Area, Mississippi, 2026

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	445.20
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	0.00	24.15	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	26.89	0.00	23.96	40.10	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	1.32	0.00	1.32	0.00	0.00	0.00	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.18
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	5.46	0.00	0.00	0.00	0.00	0.00	2.32	0.96	0.00	0.00	0.00	3.90
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	6.77	0.00	0.00	0.00	0.00	0.00	2.30	0.88	0.00	0.00	0.00	5.15
REPAIR & MAINTENANCE	4.20	0.00	0.00	0.00	0.00	0.00	4.44	0.44	0.00	0.00	0.00	6.69
INTEREST ON OP. CAP.	9.23	0.00	0.00	0.00	2.00	0.00	4.65	1.68	0.00	0.00	0.67	0.19
TOTAL DIRECT EXPENSES	121.24	0.00	0.00	0.00	38.26	0.00	117.68	50.56	0.00	0.00	49.79	28.11
NET INCOME	-121.24	0.00	0.00	0.00	-38.26	0.00	-117.68	-50.56	0.00	0.00	-49.79	417.09
NET INCOME TO DATE	-121.24	-121.24	-121.24	-121.24	-159.50	-159.50	-277.18	-327.74	-327.74	-327.74	-377.53	39.56

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 8.F Estimated returns for various price/yield combinations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Non-irrigated, Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	21.00	bu	-232	-221	-210	-199	-188	-176	-165	-154	-143	-132	-121
			-301	-290	-279	-268	-256	-245	-234	-223	-212	-201	-190
60	25.20	bu	-200	-187	-173	-160	-146	-133	-120	-106	-93	-80	-66
			-269	-255	-242	-229	-215	-202	-189	-175	-162	-149	-135
70	29.40	bu	-168	-152	-137	-121	-105	-90	-74	-59	-43	-27	-12
			-237	-221	-205	-190	-174	-159	-143	-127	-112	-96	-81
80	33.60	bu	-136	-118	-100	-82	-64	-47	-29	-11	6	24	42
			-204	-187	-169	-151	-133	-115	-98	-80	-62	-44	-26
90	37.80	bu	-103	-83	-63	-43	-23	-3	16	36	56	76	96
			-172	-152	-132	-112	-92	-72	-52	-32	-12	7	27
100	42.00	bu	-71	-49	-27	-4	17	39	61	84	106	128	150
			-140	-118	-96	-73	-51	-29	-7	15	37	59	82
110	46.20	bu	-39	-15	9	33	58	82	107	131	156	180	205
			-108	-83	-59	-34	-10	14	38	62	87	111	136
120	50.40	bu	-7	19	46	72	99	126	152	179	206	232	259
			-76	-49	-22	3	30	57	84	110	137	164	190
130	54.60	bu	24	53	82	111	140	169	198	227	256	285	314
			-44	-15	13	42	71	100	129	158	187	216	245
140	58.80	bu	56	88	119	150	181	212	243	275	306	337	368
			-11	19	50	81	112	143	175	206	237	268	299
150	63.00	bu	89	122	155	189	222	256	289	322	356	389	422
			20	53	87	120	153	187	220	253	287	320	354

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 9.A Estimated costs per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	5.0000	40.25	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
Sodium Chlorate 5L	gal	8.68	0.6000	5.21	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
Miravis Top	oz	1.40	13.7000	19.18	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	96.0000	11.52	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Select Max	pt	11.55	1.0000	11.55	
Valor SX	oz	3.06	2.0000	6.12	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
Zidua WG	oz	7.37	1.5000	11.06	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	1.1000	3.63	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	60.0000	17.40	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.3601	6.94	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0235	0.46	
IRRIGATE LABOR					
Special Labor	hour	9.06	0.3000	2.73	
Implements	hour	9.06	0.0625	0.57	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0117	0.10	
UNALLOCATED LABOR	hour	19.27	0.3512	6.77	
DIESEL FUEL					
Tractors	gal	2.94	5.0744	14.91	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.2993	0.88	
Roll-Out Pipe Irr.	gal	2.94	7.3316	21.57	
REPAIR & MAINTENANCE					
Implements	acre	9.09	1.0000	9.09	
Tractors	acre	4.09	1.0000	4.09	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.44	1.0000	0.44	
Roll-Out Pipe Irr.	acre	7.16	1.0000	7.16	
INTEREST ON OP. CAP.	acre	20.89	1.0000	20.89	
TOTAL DIRECT EXPENSES				492.27	
FIXED EXPENSES					
Implements	acre	26.38	1.0000	26.38	
Tractors	acre	31.60	1.0000	31.60	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	3.58	1.0000	3.58	
Roll-Out Pipe Irr.	acre	74.47	1.0000	74.47	
TOTAL FIXED EXPENSES				159.81	
TOTAL SPECIFIED EXPENSES				652.08	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 9.B Summary of estimated costs and returns per acre
 Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	60.0000	636.00	_____

TOTAL INCOME				636.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	40.25	1.0000	40.25	_____
HARVEST AIDS	acre	10.33	1.0000	10.33	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	26.32	1.0000	26.32	_____
HERBICIDES	acre	90.95	1.0000	90.95	_____
INSECTICIDES	acre	13.98	1.0000	13.98	_____
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	3.63	1.0000	3.63	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	17.40	1.0000	17.40	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0625	0.56	_____
IRRIGATE LABOR	hour	9.06	0.3625	3.30	_____
OPERATOR LABOR	hour	19.28	0.4687	9.04	_____
UNALLOCATED LABOR	hour	19.27	0.3512	6.77	_____
DIESEL FUEL	gal	2.94	14.1298	41.55	_____
REPAIR & MAINTENANCE	acre	25.75	1.0000	25.75	_____
INTEREST ON OP. CAP.	acre	20.89	1.0000	20.89	_____

TOTAL DIRECT EXPENSES				492.27	_____
RETURNS ABOVE DIRECT EXPENSES				143.73	_____
TOTAL FIXED EXPENSES				159.81	_____

TOTAL SPECIFIED EXPENSES				652.08	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-16.08	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 9.C Estimated resource use for field operations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Subsoiler	3 shank	MFWD 300	0.204	0.20	Oct		0.04	0.04	0.04	0.03
Lime (Spread)	ton			0.33	Oct	0.3330				
Custom Apply Fert	acre			1.00	Oct	1.0000				
Phosphorus (46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
Bed/Lister-Roll-Fo	16R-30	MFWD 300	0.060	1.00	Oct		0.06	0.06	0.06	0.05
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
2,4-D Amine 4	pt					2.0000				
Select Max	pt					1.0000				
Valor SX	oz					2.0000				
Surfactant	pt					0.4000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Apr		0.05	0.05	0.10	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Soybeans Consultant	acre			1.00	May	1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Zidua WG	oz					1.5000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Miravis Top	oz					13.7000				
Surfactant	pt					0.1000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
Incidental Pest				1.00	Aug					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Gramoxone SL	oz					16.0000				
Sodium Chlorate 5L	gal					0.6000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Sep		0.08	0.08	0.08	0.07
Haul Soybeans	bu					60.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Sep		0.02	0.02	0.02	0.01
Roll-Out Pipe Irr.	acre				Jul	1.0000	0.07	0.07	0.44	
TOTALS							0.46	0.44	0.89	0.35

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 9.D Estimated costs for field operations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Subsoiler	3 shank		1.86	0.58	1.50		0.33	4.27	4.18	8.45
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus (46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Field Cultivate Fld	32'		2.12	1.35	1.71		0.43	5.61	8.54	14.15
Bed/Lister-Roll-Fo	16R-30		2.75	1.96	2.22		0.57	7.50	9.77	17.27
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	3.84					0.21	4.05		4.05
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Select Max	pt	11.55					0.64	12.19		12.19
Valor SX	oz	6.12					0.34	6.46		6.46
Surfactant	pt	1.32					0.07	1.39		1.39
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Seed RR2X	lb	70.00					2.89	72.89		72.89
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Inoculant -Soybean	acre	1.55					0.06	1.61		1.61
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Soybeans Consultant	acre	6.50					0.22	6.72		6.72
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Engenia	oz	13.57					0.47	14.04		14.04
Dual Magnum	pt	7.79					0.27	8.06		8.06
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Zidua WG	oz	11.06					0.38	11.44		11.44
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Miravis Top	oz	19.18					0.40	19.58		19.58
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Acephate 90SP	lb	5.98					0.08	6.06		6.06
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Sodium Chlorate 5L	gal	5.21					0.07	5.28		5.28
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	17.40					0.12	17.52		17.52
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
Roll-Out Pipe Irr.	acre	7.92	23.70	8.02	4.81		1.28	45.73	81.20	126.93
TOTALS		384.41	41.55	25.75	19.67	0.00	20.89	492.27	159.81	652.08

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 9.E Estimated monthly income and expense flows per acre
 Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	636.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	8.05	24.15	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	19.18	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	26.89	0.00	23.96	40.10	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	1.32	0.00	1.32	0.00	0.00	0.33	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.40
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	8.41	0.00	0.00	0.00	0.00	0.00	2.32	1.19	2.92	0.23	0.00	4.60
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	10.61	0.00	0.00	0.00	0.00	0.00	2.30	0.88	14.94	7.19	0.00	5.63
REPAIR & MAINTENANCE	6.59	0.00	0.00	0.00	0.00	0.00	4.44	0.44	5.99	1.40	0.00	6.89
INTEREST ON OP. CAP.	9.99	0.00	0.00	0.00	2.00	0.00	4.65	1.69	0.89	0.76	0.67	0.24
TOTAL DIRECT EXPENSES	131.18	0.00	0.00	0.00	38.26	0.00	117.68	50.80	32.66	37.14	49.79	34.76
NET INCOME	-131.18	0.00	0.00	0.00	-38.26	0.00	-117.68	-50.80	-32.66	-37.14	-49.79	601.24
NET INCOME TO DATE	-131.18	-131.18	-131.18	-131.18	-169.44	-169.44	-287.12	-337.92	-370.58	-407.72	-457.51	143.73

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 9.F Estimated returns for various price/yield combinations, per acre
 Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
 Furrow irrigated, 9 ac-in., Delta Area, Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	dollars										
50	30.00	bu	-245	-229	-213	-197	-181	-165	-149	-133	-117	-101	-86
			-404	-388	-373	-357	-341	-325	-309	-293	-277	-261	-245
60	36.00	bu	-199	-179	-160	-141	-122	-103	-84	-65	-46	-27	-8
			-358	-339	-320	-301	-282	-263	-244	-225	-206	-187	-168
70	42.00	bu	-153	-130	-108	-86	-64	-41	-19	2	24	47	69
			-312	-290	-268	-246	-223	-201	-179	-157	-134	-112	-90
80	48.00	bu	-107	-81	-56	-30	-5	20	45	70	96	121	147
			-266	-241	-216	-190	-165	-139	-114	-88	-63	-38	-12
90	54.00	bu	-61	-32	-3	24	53	81	110	139	167	196	224
			-221	-192	-163	-135	-106	-77	-49	-20	7	36	65
100	60.00	bu	-15	16	48	80	111	143	175	207	239	270	302
			-175	-143	-111	-79	-47	-16	15	47	79	111	142
110	66.00	bu	30	65	100	135	170	205	240	275	310	345	380
			-129	-94	-59	-24	10	45	80	115	150	185	220
120	72.00	bu	76	114	152	191	229	267	305	343	381	420	458
			-83	-45	-6	31	69	107	145	183	222	260	298
130	78.00	bu	122	163	205	246	287	329	370	411	453	494	535
			-37	4	45	86	128	169	210	252	293	334	376
140	84.00	bu	168	213	257	302	346	391	435	480	524	569	613
			8	53	97	142	186	231	275	320	364	409	453
150	90.00	bu	214	262	309	357	405	452	500	548	596	643	691
			54	102	150	197	245	293	340	388	436	483	531

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 10.A Estimated costs per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
Sodium Chlorate 5L	gal	8.68	0.6000	5.21	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
Miravis Top	oz	1.40	13.7000	19.18	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	96.0000	11.52	
Select Max	pt	11.55	1.0000	11.55	
Valor SX	oz	3.06	2.0000	6.12	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	1.1000	3.63	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	53.0000	15.37	
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.3362	6.48	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0352	0.69	
IRRIGATE LABOR					
Special Labor	hour	9.06	0.3125	2.82	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0176	0.15	
UNALLOCATED LABOR	hour	19.26	0.2284	4.40	
DIESEL FUEL					
Tractors	gal	2.94	3.8348	11.25	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.4490	1.32	
Contour Flood Irr.	gal	2.94	10.9974	32.34	
REPAIR & MAINTENANCE					
Implements	acre	7.14	1.0000	7.14	
Tractors	acre	3.05	1.0000	3.05	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.66	1.0000	0.66	
Contour Flood Irr.	acre	14.31	1.0000	14.31	
INTEREST ON OP. CAP.	acre	19.64	1.0000	19.64	
TOTAL DIRECT EXPENSES				467.73	
FIXED EXPENSES					
Implements	acre	18.15	1.0000	18.15	
Tractors	acre	23.46	1.0000	23.46	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	5.37	1.0000	5.37	
Contour Flood Irr.	acre	58.74	1.0000	58.74	
TOTAL FIXED EXPENSES				129.50	
TOTAL SPECIFIED EXPENSES				597.23	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 10.B Summary of estimated costs and returns per acre
 Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	53.0000	561.80	_____

TOTAL INCOME				561.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	32.20	1.0000	32.20	_____
HARVEST AIDS	acre	10.33	1.0000	10.33	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	26.32	1.0000	26.32	_____
HERBICIDES	acre	74.51	1.0000	74.51	_____
INSECTICIDES	acre	13.98	1.0000	13.98	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	3.63	1.0000	3.63	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	15.37	1.0000	15.37	_____
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0683	0.61	_____
IRRIGATE LABOR	hour	9.06	0.3125	2.82	_____
OPERATOR LABOR	hour	19.28	0.4566	8.81	_____
UNALLOCATED LABOR	hour	19.26	0.2284	4.40	_____
DIESEL FUEL	gal	2.94	16.7057	49.10	_____
REPAIR & MAINTENANCE	acre	30.13	1.0000	30.13	_____
INTEREST ON OP. CAP.	acre	19.64	1.0000	19.64	_____

TOTAL DIRECT EXPENSES				467.73	_____
RETURNS ABOVE DIRECT EXPENSES				94.07	_____
TOTAL FIXED EXPENSES				129.50	_____

TOTAL SPECIFIED EXPENSES				597.23	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-35.43	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 10.C Estimated resource use for field operations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Nov	0.3330				
Disk Harrow	32'	MFWD 300	0.061	1.00	Nov		0.06	0.06	0.06	0.05
Lime (\$spread)	ton			0.33	Nov	0.3330				
Custom Apply Fert	acre			1.00	Nov	1.0000				
Phosphorus (46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Feb			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Select Max	pt					1.0000				
Surfactant	pt					0.4000				
Valor SX	oz					2.0000				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	May		0.05	0.05	0.10	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Miravis Top	oz					13.7000				
Surfactant	pt					0.1000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
Incidental Pest				1.00	Sep					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Gramoxone SL	oz					16.0000				
Sodium Chlorate 5L	gal					0.6000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					53.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
Contour Flood Irr.	acre				Jul	1.0000	0.20	0.20	0.51	
TOTALS							0.45	0.42	0.83	0.22

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 10.D Estimated costs for field operations, per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus(46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.07	1.21	1.79	3.00
Glyphosate 3lbs a.e	oz	3.84					0.24	4.08		4.08
Select Max	pt	11.55					0.71	12.26		12.26
Surfactant	pt	1.32					0.08	1.40		1.40
Valor SX	oz	6.12					0.38	6.50		6.50
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Seed RR2X	lb	70.00					2.89	72.89		72.89
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Inoculant -Soybean	acre	1.55					0.06	1.61		1.61
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.05	1.19	1.79	2.98
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Engenia	oz	13.57					0.56	14.13		14.13
Dual Magnum	pt	7.79					0.32	8.11		8.11
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
App by Air (5 gal)	appl	8.05					0.22	8.27		8.27
Miravis Top	oz	19.18					0.53	19.71		19.71
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Acephate 90SP	lb	5.98					0.12	6.10		6.10
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Sodium Chlorate 5L	gal	5.21					0.07	5.28		5.28
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	15.37					0.11	15.48		15.48
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
Contour Flood Irr.	acre	2.25	37.54	16.07	6.73		1.76	64.35	71.59	135.94
TOTALS		352.22	49.10	30.13	16.64	0.00	19.64	467.73	129.50	597.23

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 10.E Estimated monthly income and expense flows per acre
Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	561.80
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.05	8.05	16.10	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	19.18	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	21.51	0.00	0.00	49.16	3.84	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	8.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	1.32	0.00	0.00	1.32	0.00	0.33	0.00	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.37
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	0.00	0.00	0.00	0.00
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	2.25	0.00	0.00	0.48	0.00	0.00	3.25	2.70	1.91	1.91	0.24	3.90
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	2.79	0.00	0.00	0.44	0.00	0.00	2.74	13.12	12.27	12.27	0.32	5.15
REPAIR & MAINTENANCE	2.27	0.00	0.00	0.22	0.00	0.00	4.66	9.58	3.30	3.30	0.11	6.69
INTEREST ON OP. CAP.	8.47	0.00	0.00	1.48	0.00	0.00	6.03	1.08	1.23	0.64	0.49	0.22
TOTAL DIRECT EXPENSES	111.36	0.00	0.00	25.45	0.00	0.00	152.35	32.57	46.27	32.15	36.25	31.33
NET INCOME	-111.36	0.00	0.00	-25.45	0.00	0.00	-152.35	-32.57	-46.27	-32.15	-36.25	530.47
NET INCOME TO DATE	-111.36	-111.36	-111.36	-136.81	-136.81	-136.81	-289.16	-321.73	-368.00	-400.15	-436.40	94.07

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 10.F Estimated returns for various price/yield combinations, per acre
 Soybeans, full-season, RR2X/XF, stale seedbed, 16R 30"
 Flood irrigated, 13.5 ac-in., Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
-----			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	26.50	bu	-249	-235	-221	-207	-193	-179	-165	-151	-136	-122	-108
			-378	-364	-350	-336	-322	-308	-294	-280	-266	-252	-238
60	31.80	bu	-208	-191	-175	-158	-141	-124	-107	-90	-73	-57	-40
			-338	-321	-304	-287	-270	-253	-237	-220	-203	-186	-169
70	37.10	bu	-168	-148	-128	-109	-89	-69	-50	-30	-10	8	28
			-297	-277	-258	-238	-218	-199	-179	-160	-140	-120	-101
80	42.40	bu	-127	-105	-82	-60	-37	-15	7	29	52	74	97
			-257	-234	-212	-189	-167	-144	-122	-99	-77	-54	-32
90	47.70	bu	-86	-61	-36	-11	14	39	64	90	115	140	165
			-216	-191	-165	-140	-115	-90	-64	-39	-14	11	36
100	53.00	bu	-46	-18	9	37	65	94	122	150	178	206	234
			-175	-147	-119	-91	-63	-35	-7	20	48	76	105
110	58.30	bu	-5	25	56	86	117	148	179	210	241	272	303
			-135	-104	-73	-42	-11	19	50	81	111	142	173
120	63.60	bu	34	68	102	135	169	203	237	270	304	338	371
			-94	-60	-27	6	40	73	107	141	174	208	242
130	68.90	bu	75	111	148	184	221	257	294	331	367	404	440
			-54	-17	18	55	91	128	164	201	238	274	311
140	74.20	bu	115	155	194	233	273	312	351	391	430	469	509
			-13	25	65	104	143	183	222	261	301	340	379
150	79.50	bu	156	198	240	282	325	367	409	451	493	535	577
			27	69	111	153	195	237	279	322	364	406	448

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 11.A Estimated costs per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
Miravis Top	oz	1.40	13.7000	19.18	
HERBICIDES					
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Glyphosate 3lbs a.e	oz	0.12	32.0000	3.84	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
Prevathon	oz	1.52	14.0000	21.28	
Bifenthrin	oz	0.42	6.4000	2.69	
IncidentalPestTrt \$8	acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	0.6000	1.98	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	50.0000	14.50	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.0720	1.39	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0117	0.23	
IRRIGATE LABOR					
Special Labor	hour	9.06	0.0518	0.47	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0058	0.05	
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	
DIESEL FUEL					
Tractors	gal	2.94	1.1121	3.26	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.1496	0.44	
1/2-mi Pivot Irr.	gal	2.94	16.4057	48.23	
REPAIR & MAINTENANCE					
Implements	acre	5.27	1.0000	5.27	
Tractors	acre	0.89	1.0000	0.89	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.22	1.0000	0.22	
1/2-mi Pivot Irr.	acre	12.00	1.0000	12.00	
INTEREST ON OP. CAP.	acre	16.47	1.0000	16.47	
TOTAL DIRECT EXPENSES				438.71	
FIXED EXPENSES					
Implements	acre	12.03	1.0000	12.03	
Tractors	acre	6.88	1.0000	6.88	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	1.79	1.0000	1.79	
1/2-mi Pivot Irr.	acre	56.45	1.0000	56.45	
TOTAL FIXED EXPENSES				100.93	
TOTAL SPECIFIED EXPENSES				539.64	

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 11.B Summary of estimated costs and returns per acre
 Soybeans, double crop after wheat, RR2X/XF, 16R 30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	50.0000	530.00	_____

TOTAL INCOME				530.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	32.20	1.0000	32.20	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	26.32	1.0000	26.32	_____
HERBICIDES	acre	49.16	1.0000	49.16	_____
INSECTICIDES	acre	37.95	1.0000	37.95	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	1.98	1.0000	1.98	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	14.50	1.0000	14.50	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0566	0.51	_____
IRRIGATE LABOR	hour	9.06	0.0518	0.47	_____
OPERATOR LABOR	hour	19.28	0.1689	3.26	_____
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	_____
DIESEL FUEL	gal	2.94	19.0919	56.12	_____
REPAIR & MAINTENANCE	acre	23.35	1.0000	23.35	_____
INTEREST ON OP. CAP.	acre	16.47	1.0000	16.47	_____

TOTAL DIRECT EXPENSES				438.71	_____
RETURNS ABOVE DIRECT EXPENSES				91.29	_____
TOTAL FIXED EXPENSES				100.93	_____

TOTAL SPECIFIED EXPENSES				539.64	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-9.64	_____

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 11.C Estimated resource use for field operations, per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Nov	0.3330				
Lime (Spread)	ton			0.33	Nov	0.3330				
Custom Apply Fert	acre			1.00	Nov	1.0000				
Phosphorus (46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Jun		0.05	0.05	0.10	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Miravis Top	oz					13.7000				
Surfactant	pt					0.1000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Prevathon	oz					14.0000				
Surfactant	pt					0.1000				
Bifenthrin	oz					6.4000				
Incidental Pest				1.00	Sep					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					50.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
1/2-mi Pivot Irr.	acre				Jul	1.0000			0.05	
TOTALS							0.16	0.15	0.27	0.14

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

Table 11.D Estimated costs for field operations, per acre
 Soybeans, double crop after wheat, RR2X/XF, 16R 30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus (46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.28		0.31	9.33	14.04	23.37
Soybean Seed RR2X	lb	70.00					2.41	72.41		72.41
CruiserMaxx Vibrance	oz	7.14					0.25	7.39		7.39
Inoculant -Soybean	acre	1.55					0.05	1.60		1.60
Boundary	pt	13.72					0.47	14.19		14.19
Gramoxone SL 2.0	oz	10.24					0.35	10.59		10.59
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.47		0.03	1.16	1.79	2.95
Glyphosate 3lbs a.e	oz	3.84					0.11	3.95		3.95
Engenia	oz	13.57					0.37	13.94		13.94
Dual Magnum	pt	7.79					0.21	8.00		8.00
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Miravis Top	oz	19.18					0.40	19.58		19.58
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Acephate 90SP	lb	5.98					0.12	6.10		6.10
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Prevathon	oz	21.28					0.44	21.72		21.72
Surfactant	pt	0.33					0.01	0.34		0.34
Bifenthrin	oz	2.69					0.06	2.75		2.75
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
Header -Soybean	30' Flex		4.19	6.14	3.05		0.09	13.47	25.98	39.45
Haul Soybeans	bu	14.50					0.10	14.60		14.60
Grain Cart Soybean	700 bu		0.96	0.55	0.76		0.02	2.29	2.67	4.96
1/2-mi Pivot Irr.	acre		48.23	12.00	0.47		1.74	62.44	56.45	118.89
TOTALS		335.74	56.12	23.35	7.03	0.00	16.47	438.71	100.93	539.64

Note: Cost of production estimates are based on 2025 input prices.
 These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 11.E Estimated monthly income and expense flows per acre
 Soybeans, double crop after wheat, RR2X/XF, 16R 30"
 1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	530.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.15	8.05	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	19.18	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.96	25.20	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.95	8.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.66	0.00	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.50
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.32	0.52	0.04	0.00	3.81
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.77	19.73	14.47	0.00	5.15
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.85	1.13	0.68	0.00	6.69
INTEREST ON OP. CAP.	7.87	0.00	0.00	0.00	0.00	0.00	0.28	4.75	1.28	1.86	0.22	0.21
TOTAL DIRECT EXPENSES	103.45	0.00	0.00	0.00	0.00	0.00	7.12	142.66	47.86	90.99	16.27	30.36
NET INCOME	-103.45	0.00	0.00	0.00	0.00	0.00	-7.12	-142.66	-47.86	-90.99	-16.27	499.64
NET INCOME TO DATE	-103.45	-103.45	-103.45	-103.45	-103.45	-103.45	-110.57	-253.23	-301.09	-392.08	-408.35	91.29

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 11.F Estimated returns for various price/yield combinations, per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
1/2 mile pivot irrigated, 7.5 ac-in., All Areas, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-232	-219	-206	-192	-179	-166	-153	-139	-126	-113	-100
			-333	-320	-307	-293	-280	-267	-254	-240	-227	-214	-201
60	30.00	bu	-194	-178	-162	-146	-130	-114	-98	-83	-67	-51	-35
			-295	-279	-263	-247	-231	-215	-199	-184	-168	-152	-136
70	35.00	bu	-156	-137	-118	-100	-81	-63	-44	-26	-7	10	29
			-257	-238	-219	-201	-182	-164	-145	-127	-108	-90	-71
80	40.00	bu	-117	-96	-75	-54	-32	-11	9	30	51	73	94
			-218	-197	-176	-155	-133	-112	-91	-70	-49	-27	-6
90	45.00	bu	-79	-55	-31	-7	15	39	63	87	111	135	159
			-180	-156	-132	-108	-85	-61	-37	-13	10	34	58
100	50.00	bu	-41	-14	11	38	64	91	117	144	170	197	223
			-142	-115	-89	-62	-36	-9	16	43	69	96	122
110	55.00	bu	-2	26	55	84	113	142	171	201	230	259	288
			-103	-74	-45	-16	12	41	71	100	129	158	187
120	60.00	bu	35	67	98	130	162	194	226	257	289	321	353
			-65	-33	-1	29	61	93	125	157	188	220	252
130	65.00	bu	73	108	142	177	211	245	280	314	349	383	418
			-27	7	41	76	110	144	179	213	248	282	317
140	70.00	bu	111	149	186	223	260	297	334	371	408	445	482
			11	48	85	122	159	196	233	270	307	344	382
150	75.00	bu	150	189	229	269	309	348	388	428	468	507	547
			49	89	128	168	208	248	287	327	367	407	446

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 12.A Estimated costs per acre
Soybeans, full-season, RR2X/XF, April planted, 16R 30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	2.0000	16.10	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
FERTILIZERS					
Phosphorus (46% P2O5)	cwt	32.25	0.6600	21.29	
Potash (60% K2O)	cwt	25.56	1.0000	25.56	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	96.0000	11.52	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	0.6000	1.98	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	43.0000	12.47	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.1764	3.40	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0352	0.69	
HAND LABOR					
Implements	hour	9.06	0.0471	0.43	
Self-Propelled	hour	9.06	0.0176	0.15	
UNALLOCATED LABOR	hour	19.27	0.2671	5.15	
DIESEL FUEL					
Tractors	gal	2.94	2.7243	8.01	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.4490	1.32	
REPAIR & MAINTENANCE					
Implements	acre	7.17	1.0000	7.17	
Tractors	acre	2.18	1.0000	2.18	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.66	1.0000	0.66	
INTEREST ON OP. CAP.	acre	14.84	1.0000	14.84	
TOTAL DIRECT EXPENSES				322.69	
FIXED EXPENSES					
Implements	acre	19.20	1.0000	19.20	
Tractors	acre	16.84	1.0000	16.84	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	5.37	1.0000	5.37	
TOTAL FIXED EXPENSES				65.19	
TOTAL SPECIFIED EXPENSES				387.88	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 12.B Summary of estimated costs and returns per acre
Soybeans, full-season, RR2X/XF, April planted, 16R 30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	43.0000	455.80	_____

TOTAL INCOME				455.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	16.10	1.0000	16.10	_____
HARVEST AIDS	acre	5.12	1.0000	5.12	_____
FERTILIZERS	acre	46.85	1.0000	46.85	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	62.22	1.0000	62.22	_____
INSECTICIDES	acre	5.98	1.0000	5.98	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	1.98	1.0000	1.98	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	12.47	1.0000	12.47	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0647	0.58	_____
OPERATOR LABOR	hour	19.28	0.2968	5.73	_____
UNALLOCATED LABOR	hour	19.27	0.2671	5.15	_____
DIESEL FUEL	gal	2.94	4.5978	13.52	_____
REPAIR & MAINTENANCE	acre	14.98	1.0000	14.98	_____
INTEREST ON OP. CAP.	acre	14.84	1.0000	14.84	_____

TOTAL DIRECT EXPENSES				322.69	_____
RETURNS ABOVE DIRECT EXPENSES				133.11	_____
TOTAL FIXED EXPENSES				65.19	_____

TOTAL SPECIFIED EXPENSES				387.88	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				67.92	_____

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 12.C Estimated resource use for field operations, per acre
Soybeans, full-season, RR2X/XF, April planted, 16R 30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Lime (Spread)	ton			0.33	Oct	0.3330				
Custom Apply Fert	acre			1.00	Oct	1.0000				
Phosphorus (46% P2O5)	cwt					0.6600				
Potash (60% K2O)	cwt					1.0000				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Mar	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
2,4-D Amine 4	pt					2.0000				
Plant - Folding	16R-30	MFWD 300	0.047	1.00	Apr		0.04	0.04	0.09	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
Soybeans Consultant	acre			1.00	May	1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Aug			0.01	0.01	0.01
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Gramoxone SL	oz					16.0000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Sep		0.08	0.08	0.08	0.07
Haul Soybeans	bu					43.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Sep		0.02	0.02	0.02	0.01
TOTALS							0.29	0.26	0.36	0.26

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 12.D Estimated costs for field operations, per acre
Soybeans, full-season, RR2X/XF, April planted, 16R 30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus (46% P2O5)	cwt	21.29					1.76	23.05		23.05
Potash (60% K2O)	cwt	25.56					2.11	27.67		27.67
Disk Harrow	32'		2.79	2.27	2.25		0.60	7.91	9.85	17.76
Field Cultivate Fld	32'		2.12	1.35	1.71		0.43	5.61	8.54	14.15
App by Air (5 gal)	appl	8.05					0.39	8.44		8.44
Glyphosate 3lbs a.e	oz	3.84					0.18	4.02		4.02
2,4-D Amine 4	pt	5.38					0.26	5.64		5.64
Plant - Folding	16R-30		2.14	4.01	2.16		0.34	8.65	12.78	21.43
Soybean Seed RR2X	lb	70.00					2.89	72.89		72.89
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Engenia	oz	13.57					0.47	14.04		14.04
Dual Magnum	pt	7.79					0.27	8.06		8.06
Soybeans Consultant	acre	6.50					0.22	6.72		6.72
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.02	1.16	1.79	2.95
Acephate 90SP	lb	5.98					0.08	6.06		6.06
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	12.47					0.09	12.56		12.56
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
TOTALS		267.89	13.52	14.98	11.46	0.00	14.84	322.69	65.19	387.88

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 12.E Estimated monthly income and expense flows per acre
Soybeans, full-season, RR2X/XF, April planted, 16R 30"
Non-Delta Area, Mississippi, 2026

ITEM	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	455.80
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	8.05	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	0.00
FERTILIZERS	46.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	9.22	23.96	29.04	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.66	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.47
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	3.96	0.00	0.00	0.00	0.00	0.00	2.16	0.96	0.00	0.00	0.48	3.90
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	4.91	0.00	0.00	0.00	0.00	0.00	2.14	0.88	0.00	0.00	0.44	5.15
REPAIR & MAINTENANCE	3.62	0.00	0.00	0.00	0.00	0.00	4.01	0.44	0.00	0.00	0.22	6.69
INTEREST ON OP. CAP.	7.66	0.00	0.00	0.00	0.00	0.83	4.56	1.30	0.00	0.00	0.29	0.20
TOTAL DIRECT EXPENSES	100.53	0.00	0.00	0.00	0.00	18.10	115.29	39.12	0.00	0.00	21.24	28.41
NET INCOME	-100.53	0.00	0.00	0.00	0.00	-18.10	-115.29	-39.12	0.00	0.00	-21.24	427.39
NET INCOME TO DATE	-100.53	-100.53	-100.53	-100.53	-100.53	-118.63	-233.92	-273.04	-273.04	-273.04	-294.28	133.11

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 12.F Estimated returns for various price/yield combinations, per acre
Soybeans, full-season, RR2X/XF, April planted, 16R 30"
Non-Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	21.50	bu	-145	-134	-122	-111	-99	-88	-77	-65	-54	-42	-31
			-210	-199	-187	-176	-165	-153	-142	-130	-119	-108	-96
60	25.80	bu	-112	-98	-85	-71	-57	-44	-30	-16	-3	10	24
			-177	-164	-150	-136	-123	-109	-95	-82	-68	-54	-41
70	30.10	bu	-79	-63	-47	-31	-15	0	16	32	47	63	79
			-144	-128	-112	-96	-81	-65	-49	-33	-17	-1	14
80	34.40	bu	-46	-28	-10	7	26	44	62	80	99	117	135
			-111	-93	-75	-57	-38	-20	-2	15	33	52	70
90	38.70	bu	-13	6	27	47	68	88	109	129	150	170	191
			-78	-58	-37	-17	3	23	44	64	85	105	126
100	43.00	bu	19	41	64	87	110	133	155	178	201	224	247
			-46	-23	-0	22	45	67	90	113	136	159	181
110	47.30	bu	52	77	102	127	152	177	202	227	252	277	302
			-13	11	37	62	87	112	137	162	187	212	237
120	51.60	bu	85	112	139	167	194	221	249	276	303	331	358
			19	47	74	101	129	156	183	211	238	265	293
130	55.90	bu	117	147	177	206	236	266	295	325	354	384	414
			52	82	112	141	171	200	230	260	289	319	349
140	60.20	bu	150	182	214	246	278	310	342	374	406	438	469
			85	117	149	181	213	245	277	309	340	372	404
150	64.50	bu	183	217	252	286	320	354	388	423	457	491	525
			118	152	186	221	255	289	323	357	392	426	460

The top number in each cell is Returns Above Direct Expenses.
The bottom number in each cell is Returns Above Total Specified Expenses.
Only the product listed has been varied to calculate net returns.
Note: Cost of production estimates are based on 2025 input prices.

Table 13.A Estimated costs per acre
Soybeans, full-season, RR2X/XF, May planted, 16R 30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	1.0000	8.05	
HARVEST AIDS					
Gramoxone SL	oz	0.32	16.0000	5.12	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.6600	21.29	
Potash (60% K2O)	cwt	25.56	1.0000	25.56	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	96.0000	11.52	
Select Max	pt	11.55	1.0000	11.55	
Fierce	oz	7.75	3.5000	27.13	
Gramoxone SL 2.0	oz	0.32	64.0000	20.48	
Boundary	pt	6.86	2.0000	13.72	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Dimilin 2L	oz	0.77	1.0000	0.77	
Bifenthrin	oz	0.42	1.0500	0.44	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	1.4500	4.79	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	40.0000	11.60	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.2407	4.64	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0587	1.14	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0293	0.26	
UNALLOCATED LABOR	hour	19.24	0.3461	6.66	
DIESEL FUEL					
Tractors	gal	2.94	3.7171	10.92	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.7484	2.20	
REPAIR & MAINTENANCE					
Implements	acre	8.76	1.0000	8.76	
Tractors	acre	2.98	1.0000	2.98	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	1.10	1.0000	1.10	
INTEREST ON OP. CAP.	acre	12.56	1.0000	12.56	
TOTAL DIRECT EXPENSES				363.03	
FIXED EXPENSES					
Implements	acre	24.09	1.0000	24.09	
Tractors	acre	22.98	1.0000	22.98	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	8.94	1.0000	8.94	
TOTAL FIXED EXPENSES				79.79	
TOTAL SPECIFIED EXPENSES				442.82	

Note: Cost of production estimates are based on 2025 input prices. These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 13.B Summary of estimated costs and returns per acre
Soybeans, full-season, RR2X/XF, May planted, 16R 30"
Non-Delta Area, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	40.0000	424.00	_____

TOTAL INCOME				424.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	8.05	1.0000	8.05	_____
HARVEST AIDS	acre	5.12	1.0000	5.12	_____
FERTILIZERS	acre	46.85	1.0000	46.85	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	105.76	1.0000	105.76	_____
INSECTICIDES	acre	1.21	1.0000	1.21	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	4.79	1.0000	4.79	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	11.60	1.0000	11.60	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0801	0.72	_____
OPERATOR LABOR	hour	19.28	0.3846	7.42	_____
UNALLOCATED LABOR	hour	19.24	0.3461	6.66	_____
DIESEL FUEL	gal	2.94	5.8899	17.31	_____
REPAIR & MAINTENANCE	acre	17.81	1.0000	17.81	_____
INTEREST ON OP. CAP.	acre	12.56	1.0000	12.56	_____

TOTAL DIRECT EXPENSES				363.03	_____
RETURNS ABOVE DIRECT EXPENSES				60.97	_____
TOTAL FIXED EXPENSES				79.79	_____

TOTAL SPECIFIED EXPENSES				442.82	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-18.82	_____

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate..

Table 13.C Estimated resource use for field operations, per acre
Soybeans, full-season, RR2X/XF, May planted, 16R 30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Oct	0.3330				
Lime (Spread)	ton			0.33	Oct	0.3330				
Disk Harrow	32'	MFWD 300	0.061	1.00	Oct		0.06	0.06	0.06	0.05
Field Cultivate Fld	32'	MFWD 300	0.046	1.00	Oct		0.04	0.04	0.04	0.04
Bed/Lister-Roll-Fo	16R-30	MFWD 300	0.060	1.00	Oct		0.06	0.06	0.06	0.05
Sprayer 600-825gal	90' 250hp		0.011	1.00	Feb			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Select Max	pt					1.0000				
Surfactant	pt					0.4000				
Custom Apply Fert	acre			1.00	Apr	1.0000				
Phosphorus(46% P2O5)	cwt					0.6600				
Potash (60% K2O)	cwt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Apr			0.01	0.01	0.01
Fierce	oz					3.5000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	May		0.05	0.05	0.10	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Sprayer 600-825gal	90' 250hp		0.011	0.50	Jul			0.00	0.00	0.00
Dimilin 2L	oz					1.0000				
Surfactant	pt					0.0500				
Sprayer 600-825gal	90' 250hp		0.011	0.50	Aug			0.00	0.00	0.00
Bifenthrin	oz					1.0500				
App by Air (5 gal)	appl			1.00	Sep	1.0000				
Gramoxone SL	oz					16.0000				
Surfactant	pt					0.2000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					40.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
TOTALS							0.38	0.32	0.46	0.34

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

Table 13.D Estimated costs for field operations, per acre
Soybeans, full-season, RR2X/XF, May planted, 16R 30"
Non-Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.02	3.35		3.35
Lime (Spread)	ton	21.20					0.15	21.35		21.35
Disk Harrow	32'		2.79	2.27	2.25		0.05	7.36	9.85	17.21
Field Cultivate Fld	32'		2.12	1.35	1.71		0.04	5.22	8.54	13.76
Bed/Lister-Roll-Fo	16R-30		2.75	1.96	2.22		0.05	6.98	9.77	16.75
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.07	1.21	1.79	3.00
Glyphosate 3lbs a.e	oz	3.84					0.24	4.08		4.08
Select Max	pt	11.55					0.71	12.26		12.26
Surfactant	pt	1.32					0.08	1.40		1.40
Custom Apply Fert	acre	9.00					0.43	9.43		9.43
Phosphorus (46% P2O5)	cwt	21.29					1.02	22.31		22.31
Potash (60% K2O)	cwt	25.56					1.23	26.79		26.79
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.05	1.19	1.79	2.98
Fierce	oz	27.13					1.31	28.44		28.44
Gramoxone SL 2.0	oz	10.24					0.49	10.73		10.73
Surfactant	pt	1.32					0.06	1.38		1.38
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.32		0.37	9.43	14.04	23.47
Soybean Seed RR2X	lb	70.00					2.89	72.89		72.89
CruiserMaxx Vibrance	oz	7.14					0.29	7.43		7.43
Boundary	pt	13.72					0.57	14.29		14.29
Gramoxone SL 2.0	oz	10.24					0.42	10.66		10.66
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.05	1.19	1.79	2.98
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Engenia	oz	13.57					0.56	14.13		14.13
Dual Magnum	pt	7.79					0.32	8.11		8.11
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.48		0.04	1.18	1.79	2.97
Glyphosate 3lbs a.e	oz	3.84					0.13	3.97		3.97
Sprayer 600-825gal	90' 250hp		0.22	0.11	0.24		0.02	0.59	0.89	1.48
Dimilin 2L	oz	0.77					0.02	0.79		0.79
Surfactant	pt	0.17						0.17		0.17
Sprayer 600-825gal	90' 250hp		0.22	0.11	0.24		0.01	0.58	0.89	1.47
Bifenthrin	oz	0.44					0.01	0.45		0.45
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
Gramoxone SL	oz	5.12					0.07	5.19		5.19
Surfactant	pt	0.66					0.01	0.67		0.67
Header -Soybean	30' Flex		4.19	6.14	3.12		0.09	13.54	25.98	39.52
Haul Soybeans	bu	11.60					0.08	11.68		11.68
Grain Cart Soybean	700 bu		0.96	0.55	0.78		0.02	2.31	2.67	4.98
TOTALS		300.55	17.31	17.81	14.80	0.00	12.56	363.03	79.79	442.82

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 13.E Estimated monthly income and expense flows per acre
Soybeans, full-season, RR2X/XF, May planted, 16R 30"
Non-Delta Area, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.05	0.00
HARVEST AIDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	46.85	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	15.39	0.00	37.37	49.16	3.84	0.00	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.44	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	1.32	0.00	1.32	1.32	0.00	0.17	0.00	0.66	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60
CUSTOM LIME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.20
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
SOIL TEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33
LABOR	0.00	0.00	0.00	0.48	0.00	0.48	2.80	0.48	0.24	0.24	0.00	10.08
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.44	0.00	0.44	2.74	0.44	0.22	0.22	0.00	12.81
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.22	0.00	0.22	4.66	0.22	0.11	0.11	0.00	12.27
INTEREST ON OP. CAP.	0.00	0.00	0.00	1.10	0.00	4.59	5.95	0.17	0.04	0.02	0.19	0.50
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	18.95	0.00	100.27	150.27	5.15	1.55	1.03	14.02	71.79
NET INCOME	0.00	0.00	0.00	-18.95	0.00	-100.27	-150.27	-5.15	-1.55	-1.03	-14.02	352.21
NET INCOME TO DATE	0.00	0.00	0.00	-18.95	-18.95	-119.22	-269.49	-274.64	-276.19	-277.22	-291.24	60.97

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 13.F Estimated returns for various price/yield combinations, per acre
Soybeans, full-season, RR2X/XF, May planted, 16R 30"
Non-Delta Area, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
-----			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-198	-187	-176	-166	-155	-145	-134	-123	-113	-102	-92
			-277	-267	-256	-246	-235	-224	-214	-203	-193	-182	-171
60	24.00	bu	-167	-154	-142	-129	-116	-103	-91	-78	-65	-53	-40
			-247	-234	-221	-209	-196	-183	-171	-158	-145	-132	-120
70	28.00	bu	-136	-122	-107	-92	-77	-62	-47	-33	-18	-3	11
			-216	-201	-187	-172	-157	-142	-127	-112	-97	-83	-68
80	32.00	bu	-106	-89	-72	-55	-38	-21	-4	12	29	46	63
			-186	-169	-152	-135	-118	-101	-84	-67	-50	-33	-16
90	36.00	bu	-75	-56	-37	-18	0	19	38	57	76	96	115
			-155	-136	-117	-98	-79	-60	-40	-21	-2	16	35
100	40.00	bu	-45	-23	-2	18	39	60	82	103	124	145	166
			-124	-103	-82	-61	-40	-18	2	23	44	65	87
110	44.00	bu	-14	8	32	55	78	102	125	148	172	195	218
			-94	-70	-47	-24	-0	22	45	69	92	115	139
120	48.00	bu	16	41	67	92	117	143	168	194	219	245	270
			-63	-38	-12	12	38	63	89	114	139	165	190
130	52.00	bu	46	74	101	129	157	184	212	239	267	294	322
			-32	-5	22	49	77	104	132	159	187	215	242
140	56.00	bu	77	107	136	166	196	225	255	285	314	344	374
			-2	27	57	86	116	146	175	205	235	264	294
150	60.00	bu	108	139	171	203	235	267	298	330	362	394	426
			28	60	91	123	155	187	219	250	282	314	346

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

Table 14.A Estimated costs per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
Non-irrigated, All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	
FERTILIZERS					
Phosphorus(46% P2O5)	cwt	32.25	0.8700	28.06	
Potash (60% K2O)	cwt	25.56	1.3300	33.99	
FUNGICIDES					
CruiserMaxx Vibrance	oz	4.46	1.6000	7.14	
HERBICIDES					
Boundary	pt	6.86	2.0000	13.72	
Gramoxone SL 2.0	oz	0.32	32.0000	10.24	
Glyphosate 3lbs a.e	oz	0.12	32.0000	3.84	
Engenia	oz	1.06	12.8000	13.57	
Dual Magnum	pt	7.79	1.0000	7.79	
INSECTICIDES					
Acephate 90SP	lb	7.97	0.7500	5.98	
Prevathon	oz	1.52	14.0000	21.28	
Bifenthrin	oz	0.42	6.4000	2.69	
IncidentalPestTrt	\$8 acre	8.00	1.0000	8.00	
SEED/PLANTS					
Soybean Seed RR2X	lb	1.40	50.0000	70.00	
ADJUVANTS					
Surfactant	pt	3.30	0.5000	1.65	
CUSTOM FERTILIZE					
Custom Apply Fert	acre	9.00	1.0000	9.00	
HAULING					
Haul Soybeans	bu	0.29	25.0000	7.25	
CUSTOM LIME					
Lime (Spread)	ton	63.67	0.3330	21.20	
CROP CONSULTANT					
Soybeans Consultant	acre	6.50	1.0000	6.50	
INOCULANT					
Inoculant -Soybean	acre	1.55	1.0000	1.55	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.0720	1.39	
Harvesters	hour	19.28	0.0851	1.64	
Self-Propelled	hour	19.28	0.0117	0.23	
HAND LABOR					
Implements	hour	9.06	0.0507	0.46	
Self-Propelled	hour	9.06	0.0058	0.05	
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	
DIESEL FUEL					
Tractors	gal	2.94	1.1121	3.26	
Harvesters	gal	2.94	1.4243	4.19	
Self-Propelled	gal	2.94	0.1496	0.44	
REPAIR & MAINTENANCE					
Implements	acre	5.27	1.0000	5.27	
Tractors	acre	0.89	1.0000	0.89	
Harvesters	acre	4.97	1.0000	4.97	
Self-Propelled	acre	0.22	1.0000	0.22	
INTEREST ON OP. CAP.	acre	14.10	1.0000	14.10	
TOTAL DIRECT EXPENSES				340.83	
FIXED EXPENSES					
Implements	acre	12.03	1.0000	12.03	
Tractors	acre	6.88	1.0000	6.88	
Harvesters	acre	23.78	1.0000	23.78	
Self-Propelled	acre	1.79	1.0000	1.79	
TOTAL FIXED EXPENSES				44.48	
TOTAL SPECIFIED EXPENSES				385.31	

Note: Cost of production estimates are based on 2025 input prices.
These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.
If Engenia is not available, replace application with glufosinate.

Table 14.B Summary of estimated costs and returns per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
Non-irrigated, All Areas, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.60	25.0000	265.00	_____

TOTAL INCOME				265.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY	acre	24.15	1.0000	24.15	_____
FERTILIZERS	acre	62.05	1.0000	62.05	_____
FUNGICIDES	acre	7.14	1.0000	7.14	_____
HERBICIDES	acre	49.16	1.0000	49.16	_____
INSECTICIDES	acre	37.95	1.0000	37.95	_____
SEED/PLANTS	acre	70.00	1.0000	70.00	_____
ADJUVANTS	acre	1.65	1.0000	1.65	_____
CUSTOM FERTILIZE	acre	9.00	1.0000	9.00	_____
HAULING	acre	7.25	1.0000	7.25	_____
CUSTOM LIME	acre	21.20	1.0000	21.20	_____
CROP CONSULTANT	acre	6.50	1.0000	6.50	_____
INOCULANT	acre	1.55	1.0000	1.55	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.0566	0.51	_____
OPERATOR LABOR	hour	19.28	0.1689	3.26	_____
UNALLOCATED LABOR	hour	19.20	0.1452	2.79	_____
DIESEL FUEL	gal	2.94	2.6861	7.89	_____
REPAIR & MAINTENANCE	acre	11.35	1.0000	11.35	_____
INTEREST ON OP. CAP.	acre	14.10	1.0000	14.10	_____

TOTAL DIRECT EXPENSES				340.83	_____
RETURNS ABOVE DIRECT EXPENSES				-75.83	_____
TOTAL FIXED EXPENSES				44.48	_____

TOTAL SPECIFIED EXPENSES				385.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-120.31	_____

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

Table 14.C Estimated resource use for field operations, per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
Non-irrigated, All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
-----hours-----										
Soil Test	acre			0.33	Nov	0.3330				
Lime (Spread)	ton			0.33	Nov	0.3330				
Custom Apply Fert	acre			1.00	Nov	1.0000				
Phosphorus(46% P2O5)	cwt					0.8700				
Potash (60% K2O)	cwt					1.3300				
Soybeans Consultant	acre			1.00	May	1.0000				
Plant & Pre-Folding	16R-30	MFWD 300	0.050	1.00	Jun		0.05	0.05	0.10	0.04
Soybean Seed RR2X	lb					50.0000				
CruiserMaxx Vibrance	oz					1.6000				
Inoculant -Soybean	acre					1.0000				
Boundary	pt					2.0000				
Gramoxone SL 2.0	oz					32.0000				
Surfactant	pt					0.4000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.01
Glyphosate 3lbs a.e	oz					32.0000				
Engenia	oz					12.8000				
Dual Magnum	pt					1.0000				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Acephate 90SP	lb					0.7500				
App by Air (5 gal)	appl			1.00	Aug	1.0000				
Prevathon	oz					14.0000				
Surfactant	pt					0.1000				
Bifenthrin	oz					6.4000				
Incidental Pest				1.00	Sep					
App by Air (5 gal)	appl					1.0000				
IncidentalPestTrt \$8	acre					1.0000				
Header -Soybean	30' Flex	325 hp	0.085	1.00	Oct		0.08	0.08	0.08	0.07
Haul Soybeans	bu					25.0000				
Grain Cart Soybean	700 bu	MFWD 300	0.021	1.00	Oct		0.02	0.02	0.02	0.01
TOTALS							0.16	0.15	0.22	0.14

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 14.D Estimated costs for field operations, per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
Non-irrigated, All Areas, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Soil Test	acre	3.33					0.27	3.60		3.60
Lime (Spread)	ton	21.20					1.75	22.95		22.95
Custom Apply Fert	acre	9.00					0.74	9.74		9.74
Phosphorus(46% P2O5)	cwt	28.06					2.31	30.37		30.37
Potash (60% K2O)	cwt	33.99					2.80	36.79		36.79
Soybeans Consultant	acre	6.50					0.27	6.77		6.77
Plant & Pre-Folding	16R-30		2.30	4.44	2.28		0.31	9.33	14.04	23.37
Soybean Seed RR2X	lb	70.00					2.41	72.41		72.41
CruiserMaxx Vibrance	oz	7.14					0.25	7.39		7.39
Inoculant -Soybean	acre	1.55					0.05	1.60		1.60
Boundary	pt	13.72					0.47	14.19		14.19
Gramoxone SL 2.0	oz	10.24					0.35	10.59		10.59
Surfactant	pt	1.32					0.05	1.37		1.37
Sprayer 600-825gal	90' 250hp		0.44	0.22	0.47		0.03	1.16	1.79	2.95
Glyphosate 3lbs a.e	oz	3.84					0.11	3.95		3.95
Engenia	oz	13.57					0.37	13.94		13.94
Dual Magnum	pt	7.79					0.21	8.00		8.00
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Acephate 90SP	lb	5.98					0.12	6.10		6.10
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Prevathon	oz	21.28					0.44	21.72		21.72
Surfactant	pt	0.33					0.01	0.34		0.34
Bifenthrin	oz	2.69					0.06	2.75		2.75
Incidental Pest										
App by Air (5 gal)	appl	8.05					0.11	8.16		8.16
IncidentalPestTrt \$8	acre	8.00					0.11	8.11		8.11
Header -Soybean	30' Flex		4.19	6.14	3.05		0.09	13.47	25.98	39.45
Haul Soybeans	bu	7.25					0.05	7.30		7.30
Grain Cart Soybean	700 bu		0.96	0.55	0.76		0.02	2.29	2.67	4.96
TOTALS		300.93	7.89	11.35	6.56	0.00	14.10	340.83	44.48	385.31

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget. **Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year.** The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre. **If Engenia is not available, replace application with glufosinate.**

Table 14.E Estimated monthly income and expense flows per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
Non-irrigated, All Areas, Mississippi, 2026

ITEM	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
-----dollars-----												
TOTAL INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.10	8.05	0.00
FERTILIZERS	62.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.96	25.20	0.00	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.95	8.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.33	0.00	0.00
CUSTOM FERTILIZE	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.25
CUSTOM LIME	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00
INOCULANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00
SOIL TEST	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	0.47	0.00	0.00	3.81
LEASE *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30	0.44	0.00	0.00	5.15
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.44	0.22	0.00	0.00	6.69
INTEREST ON OP. CAP.	7.87	0.00	0.00	0.00	0.00	0.00	0.27	3.89	0.72	0.97	0.22	0.16
TOTAL DIRECT EXPENSES	103.45	0.00	0.00	0.00	0.00	0.00	6.77	116.88	27.05	47.35	16.27	23.06
NET INCOME	-103.45	0.00	0.00	0.00	0.00	0.00	-6.77	-116.88	-27.05	-47.35	-16.27	241.94
NET INCOME TO DATE	-103.45	-103.45	-103.45	-103.45	-103.45	-103.45	-110.22	-227.10	-254.15	-301.50	-317.77	-75.83

Note: Cost of production estimates are based on 2025 input prices.

These fertilizer rates are based on the assumption that 30-40% of the soybean fields would be mixed to light textured fields and not heavy clay exclusively. Also, rates are based on maintenance levels associated with the expected yield in the budget.

Fertilization decisions should be based on soil tests. Soil test cost is prorated for a test every 3rd year. Lime cost prorated for application every 3rd year. The budget does not include a second fungicide application to control Asian soybean rust, but the cost of treatment could range from \$10 to \$18 plus application cost per acre.

If Engenia is not available, replace application with glufosinate.

* Lease costs are based on hourly usage costs.

Table 14.F Estimated returns for various price/yield combinations, per acre
Soybeans, double crop after wheat, RR2X/XF, 16R 30"
Non-irrigated, All Areas, Mississippi, 2026

			-----PERCENT-----										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
-----			-----PRODUCT PRICE-----										
Soybeans			7.95	8.48	9.01	9.54	10.07	10.60	11.13	11.66	12.19	12.72	13.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	12.50	bu	-237	-231	-224	-217	-211	-204	-198	-191	-184	-178	-171
			-282	-275	-269	-262	-255	-249	-242	-235	-229	-222	-216
60	15.00	bu	-218	-210	-202	-194	-186	-178	-170	-163	-155	-147	-139
			-263	-255	-247	-239	-231	-223	-215	-207	-199	-191	-183
70	17.50	bu	-199	-190	-180	-171	-162	-153	-143	-134	-125	-116	-106
			-243	-234	-225	-216	-206	-197	-188	-179	-169	-160	-151
80	20.00	bu	-180	-169	-159	-148	-137	-127	-116	-106	-95	-84	-74
			-224	-214	-203	-193	-182	-171	-161	-150	-140	-129	-118
90	22.50	bu	-161	-149	-137	-125	-113	-101	-89	-77	-65	-53	-41
			-205	-193	-181	-169	-158	-146	-134	-122	-110	-98	-86
100	25.00	bu	-142	-128	-115	-102	-89	-75	-62	-49	-36	-22	-9
			-186	-173	-160	-146	-133	-120	-107	-93	-80	-67	-54
110	27.50	bu	-122	-108	-93	-79	-64	-50	-35	-20	-6	8	22
			-167	-152	-138	-123	-109	-94	-79	-65	-50	-36	-21
120	30.00	bu	-103	-87	-71	-56	-40	-24	-8	7	23	39	55
			-148	-132	-116	-100	-84	-68	-52	-36	-21	-5	10
130	32.50	bu	-84	-67	-50	-32	-15	1	18	35	53	70	87
			-129	-111	-94	-77	-60	-43	-25	-8	8	25	43
140	35.00	bu	-65	-46	-28	-9	8	27	45	64	82	101	120
			-109	-91	-72	-54	-35	-17	1	19	38	56	75
150	37.50	bu	-46	-26	-6	13	33	53	72	92	112	132	152
			-90	-70	-51	-31	-11	8	28	48	68	88	107

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2025 input prices.

APPENDIX

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Mississippi, 2026

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	-----\$/hour-----					
Combine (250-299 hp)	265 hp	463,000	300	8	13.64	19.28	40.10	48.22	107.61	230.93	338.54
Combine (300-349 hp)	325 hp	560,000	300	8	16.73	19.28	49.18	58.33	126.79	279.31	406.11
Combine (350-399 hp)	355 hp	565,000	300	8	18.27	19.28	53.71	58.85	131.84	281.80	413.65
Combine (400-449 hp)	425 hp	568,000	300	8	21.87	19.28	64.31	59.16	142.76	283.30	426.06
Combine (450-499hp)	475 hp	613,000	300	8	24.44	19.28	71.88	63.85	155.01	305.74	460.76
Tractor(20-39hp)CB	MFWD 30	39,500	600	8	1.54	19.28	4.53	1.23	25.05	9.24	34.29
Tractor(20-39hp)RB	MFWD 30	27,700	600	8	1.54	19.28	4.53	0.86	24.68	6.48	31.16
Tractor(40-59hp)CB	2WD 50	39,800	600	8	2.57	19.28	7.56	1.24	28.09	9.31	37.40
Tractor(40-59hp)CB	MFWD 50	53,300	600	8	2.57	19.28	7.56	1.66	28.51	12.47	40.98
Tractor(40-59hp)RB	2WD 50	29,200	600	8	2.57	19.28	7.56	0.91	27.75	6.83	34.59
Tractor(40-59hp)RB	MFWD 50	34,300	600	8	2.57	19.28	7.56	1.07	27.91	8.02	35.94
Tractor(60-89hp)CB	2WD 75	73,800	600	8	3.86	19.28	11.34	2.30	32.93	17.26	50.20
Tractor(60-89hp)CB	MFWD 75	81,600	600	8	3.86	19.28	11.34	2.55	33.17	19.09	52.27
Tractor(60-89hp)RB	2WD 75	61,000	600	8	3.86	19.28	11.34	1.90	32.53	14.27	46.80
Tractor(60-89hp)RB	MFWD 75	53,300	600	8	3.86	19.28	11.34	1.66	32.29	12.47	44.76
Tractor(90-119hp)CB	2WD 105	113,000	600	8	5.40	19.28	15.88	3.53	38.70	26.44	65.14
Tractor(90-119hp)CB	MFWD 105	115,000	600	8	5.40	19.28	15.88	3.59	38.76	26.90	65.67
Tractor(90-119hp)RB	2WD 105	113,700	600	8	5.40	19.28	15.88	3.55	38.72	26.60	65.32
Tractor(90-119hp)RB	MFWD 105	111,000	600	8	5.40	19.28	15.88	3.46	38.63	25.97	64.61
Tractor(120-139hp)CB	2WD 130	144,300	600	8	6.69	19.28	19.67	4.50	43.46	33.76	77.22
Tractor(120-139hp)CB	MFWD 130	172,900	600	8	6.69	19.28	19.67	5.40	44.35	40.45	84.81
Tractor(140-159hp)	2WD 150	167,600	600	8	7.72	19.28	22.69	5.23	47.21	39.21	86.43
Tractor(140-159hp)CB	MFWD 150	193,900	600	8	7.72	19.28	22.69	6.05	48.03	45.37	93.41
Tractor(160-179hp)CB	MFWD 170	218,500	600	8	8.75	19.28	25.72	6.82	51.83	52.80	104.64
Tractor(180-199hp)CB	MFWD 190	281,000	600	8	9.77	19.28	28.75	8.78	56.81	67.91	124.72
Tractor(200-249hp)CB	MFWD 225	307,000	600	8	11.58	19.28	34.04	9.59	62.92	74.19	137.12
Tractor(250-349hp)CB	4WD 300	458,000	600	8	15.44	19.28	45.39	14.31	78.99	110.69	189.68
Tractor(250-349hp)CB	MFWD 300	395,000	600	8	15.44	19.28	45.39	12.34	77.02	95.46	172.49
Tractor(250-349hp)CB	Track 300	329,000	600	8	15.44	19.28	45.39	10.28	74.96	79.51	154.47
Tractor(350-449hp)	Track 400	645,000	600	8	20.58	19.28	60.53	20.15	99.96	155.89	255.85
Tractor(350-449hp)CB	4WD 400	519,000	600	8	20.58	19.28	60.53	16.21	96.03	125.43	221.46
Tractor(450-550hp)CB	4WD 500	601,000	600	8	25.73	19.28	75.66	18.78	113.72	145.25	258.98
Tractor(450-550hp)CB	Track 500	700,000	600	8	25.73	19.28	75.66	21.87	116.81	169.18	286.00
Utility Vehicle	800 CC	12,200	200	8	0.70	19.28	1.88	1.90	23.06	9.12	32.19
Utility Vehicle	900 CC	18,700	200	8	1.00	19.28	2.69	2.92	24.89	13.99	38.88

Notes:

Labor: Includes allocated labor from power unit.

Total Direct: Does not include interest on operating capital.

Appendix Table 2. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Mississippi, 2026

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
Cotton Picker	4R-38(250)	268,000	200	8	12.86	0.257	7.30	9.75	10.79	27.85	51.68	79.53
Cotton Picker	4R-38(350)	351,000	200	8	18.01	0.257	7.30	13.65	14.13	35.09	67.69	102.79
Cotton Picker	4R2x1(350)	357,000	200	8	18.01	0.172	4.88	9.12	9.61	23.62	46.02	69.64
Cotton Picker	6R-30(355)	465,000	200	8	18.27	0.218	6.18	11.72	15.85	33.76	75.92	109.69
Cotton Picker	6R-38(355)	465,000	200	8	18.27	0.172	4.88	9.25	12.51	26.65	59.94	86.60
Cotton Picker/Modu	4R-38(365)	536,000	200	8	20.58	0.257	7.30	15.60	21.58	44.49	103.37	147.87
Cotton Picker/Module	6R-30(500)	1,099,000	200	8	25.73	0.218	6.18	16.51	37.47	60.17	179.45	239.62
Cotton Picker/Module	6R-38(500)	1,100,000	200	8	25.73	0.172	4.88	13.03	29.61	47.53	141.80	189.34
Dry Applicator SP	70'300cuft	491,000	350	8	16.98	0.015	0.35	0.75	0.39	1.51	3.17	4.68
Sprayer 600-750gal	60' 175hp	216,000	350	8	9.00	0.017	0.41	0.46	0.20	1.09	1.62	2.71
Sprayer 600-825gal	80' 175hp	276,000	350	8	11.81	0.013	0.31	0.45	0.19	0.96	1.55	2.52
Sprayer 600-825gal	90' 250hp	356,000	350	8	12.73	0.011	0.27	0.44	0.22	0.94	1.78	2.73
Sprayer 800gal	100' 250hp	391,000	350	8	14.15	0.010	0.25	0.44	0.22	0.91	1.76	2.68
Sprayer 800gal	80' 250hp	292,000	350	8	12.86	0.013	0.31	0.50	0.20	1.02	1.65	2.67
Sprayer 1000-1400gal	90' 275hp	385,000	350	8	14.15	0.010	0.25	0.44	0.21	0.91	1.74	2.65
Sprayer 1000gal	100' 300hp	557,000	350	8	15.44	0.010	0.25	0.48	0.31	1.04	2.51	3.56
Sprayer 1200+gal	120' 300hp	531,000	350	8	15.44	0.008	0.20	0.39	0.25	0.86	1.99	2.86

Notes:

Labor: includes allocated labor plus any additional labor from self-propelled machine.

Direct: Does not include interest on operating capital.

Appendix Table 3. Towed Equipment: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Mississippi, 2026

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	---Fixed--- Imp. P.U.	Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----					
Bed-Paratill w/ro	4R-30	MFWD 225	27,800	150	12	0.204	3.93	6.95	2.05	1.96	14.90	4.57 15.16 34.64
Bed-Paratill w/ro	4R-38	MFWD 225	27,800	150	12	0.160	3.10	5.47	1.61	1.54	11.73	3.60 11.93 27.27
Bed-Paratill w/ro	6R-38	MFWD 225	38,000	150	12	0.107	2.07	3.66	1.47	1.03	8.24	3.29 7.97 19.51
Bed-Rip/Disk Fold.	8R-38	MFWD 190	72,400	300	20	0.073	1.40	2.10	0.26	0.64	4.41	1.75 4.96 11.13
Bed-Rip/Disk Fold.	12R-30	MFWD 225	102,000	300	20	0.061	1.18	2.09	0.31	0.59	4.19	2.08 4.57 10.84
Bed-Rip/Disk Fold.	12R-38	MFWD 225	102,000	300	20	0.046	0.89	1.57	0.23	0.44	3.14	1.56 3.42 8.13
Bed-Rip/Disk Rigid	4R-30	MFWD 190	32,100	300	20	0.184	3.56	5.31	0.29	1.62	10.79	1.96 12.55 25.32
Bed-Rip/Disk Rigid	4R-38	MFWD 190	32,100	300	20	0.146	2.82	4.21	0.23	1.28	8.57	1.56 9.96 20.09
Bed-Rip/Disk Rigid	6R-30	MFWD 190	44,500	300	20	0.123	2.37	3.54	0.27	1.08	7.27	1.81 8.37 17.46
Bed-Rip/Disk Rigid	6R-38	MFWD 190	44,500	300	20	0.097	1.87	2.79	0.21	0.85	5.74	1.43 6.60 13.78
Bed-Rip/Disk Rigid	8R-30	MFWD 190	59,000	300	20	0.139	2.67	3.99	0.41	1.22	8.30	2.71 9.44 20.46
Bed-Rip/Disk Rigid	8R-38	MFWD 190	59,000	300	20	0.073	1.40	2.10	0.21	0.64	4.36	1.42 4.96 10.75
Bed-Rip/Disk/Cond.	6-Row	MFWD 225	44,500	150	12	0.107	2.07	3.66	1.72	1.03	8.49	3.85 7.97 20.32
Bed-Rip/Disk/Cond.	8-Row	MFWD 225	59,000	150	12	0.080	1.55	2.74	1.72	0.77	6.80	3.83 5.99 16.63
Bed-Subsoil Fold	8R-38	MFWD 225	72,400	150	12	0.080	1.55	2.74	2.11	0.77	7.19	4.70 5.99 17.89
Bed-Subsoil Fold	8R-38 2x1	MFWD 225	102,600	150	12	0.053	1.03	1.83	1.99	0.51	5.37	4.44 3.98 13.80
Bed-Subsoil Fold	12R-38	MFWD 225	102,600	150	12	0.053	1.03	1.83	1.99	0.51	5.37	4.44 3.98 13.80
Bed-Subsoil Rigid	4R-30	MFWD 225	26,100	150	12	0.204	3.93	6.95	1.92	1.96	14.78	4.29 15.16 34.23
Bed-Subsoil Rigid	4R-38	MFWD 225	27,800	150	12	0.160	3.10	5.47	1.61	1.54	11.73	3.60 11.93 27.27
Bed-Subsoil Rigid	6R-30	MFWD 225	36,300	150	12	0.136	2.62	4.63	1.78	1.30	10.35	3.98 10.10 24.44
Bed-Subsoil Rigid	6R-38	MFWD 225	37,700	150	12	0.107	2.07	3.66	1.46	1.03	8.23	3.26 7.97 19.47
Bed-Subsoil Rigid	8R-30	MFWD 225	48,500	150	12	0.102	1.96	3.47	1.78	0.98	8.21	3.99 7.58 19.79
Bed-Subsoil Rigid	8R-38	MFWD 225	50,100	150	12	0.080	1.55	2.74	1.46	0.77	6.54	3.25 5.99 15.79
Bed/Disk (Hipper)	4R-38	MFWD 150	15,700	160	10	0.147	2.84	3.35	0.57	0.89	7.67	1.91 6.69 16.28
Bed/Disk (Hipper)	6R-38	MFWD 170	29,900	160	10	0.098	1.90	2.53	0.73	0.67	5.85	2.43 5.21 13.50
Bed/Disk (Hipper)	8R-30	MFWD 190	33,100	160	10	0.093	1.80	2.69	0.77	0.82	6.10	2.56 6.36 15.03
Bed/Disk (Hipper)	8R-38 2x1	MFWD 190	114,000	160	10	0.049	0.95	1.41	1.40	0.43	4.20	4.64 3.35 12.20
Bed/Disk (Hipper)	12R-30	MFWD 225	85,400	160	10	0.062	1.20	2.12	1.33	0.59	5.26	4.40 4.63 14.31
Bed/Disk (Hipper)	12R-38	MFWD 225	114,000	160	10	0.049	0.95	1.67	1.40	0.47	4.51	4.64 3.66 12.81
Bed/Disk (Hipper)	16R40	MFWD 300	135,000	160	10	0.035	0.68	1.60	1.19	0.43	3.91	3.94 3.37 11.24
Bed/Disk (Hipper)Fl	8R-38	MFWD 190	83,500	160	10	0.074	1.42	2.13	1.54	0.65	5.75	5.11 5.03 15.90
Bed/Disk (Hipper)Rd	8R-38	MFWD 190	46,800	160	10	0.074	1.42	2.13	0.86	0.65	5.07	2.86 5.03 12.97
Bed/Disk w/roller	8R-30	MFWD 190	59,900	160	10	0.093	1.80	2.69	1.40	0.82	6.73	4.63 6.36 17.73
Bed/Disk w/roller	8R-38	MFWD 190	68,500	160	10	0.074	1.42	2.13	1.26	0.65	5.47	4.19 5.03 14.70
Bed/Disk w/roller	12R-30/40	MFWD 225	113,000	160	10	0.062	1.20	2.12	1.76	0.59	5.69	5.83 4.63 16.17
Bed/Lister	4R-38	MFWD 150	31,900	160	8	0.228	4.40	5.18	1.70	1.38	12.67	6.60 10.36 29.64
Bed/Lister	6R-38	MFWD 150	36,000	160	8	0.120	2.31	2.72	1.01	0.72	6.78	3.92 5.45 16.16
Bed/Lister	8R-30	MFWD 190	48,300	160	8	0.114	2.20	3.28	1.29	1.00	7.78	4.99 7.75 20.53
Bed/Lister	8R-38	MFWD 190	48,700	160	8	0.090	1.74	2.59	1.03	0.79	6.15	3.98 6.13 16.27
Bed/Lister	8R-38 2x1	MFWD 190	81,500	160	8	0.060	1.15	1.72	1.14	0.52	4.56	4.43 4.08 13.08
Bed/Lister	12R-38	MFWD 225	81,500	160	8	0.060	1.15	2.04	1.14	0.57	4.92	4.43 4.45 13.82
Bed/Lister	16R-30	MFWD 225	94,300	160	8	0.035	0.67	1.19	0.77	0.33	2.98	3.00 2.60 8.59
Bed/Lister	16R40	MFWD 300	99,200	160	8	0.043	0.83	1.95	1.00	0.53	4.32	3.87 4.11 12.30
Bed/Lister-Roll-Fo	8R-38	MFWD 190	31,400	160	10	0.095	1.84	2.75	0.75	0.84	6.20	2.48 6.51 15.20
Bed/Lister-Roll-Fo	12R-30	MFWD 225	37,800	160	10	0.080	1.55	2.75	0.76	0.77	5.85	2.52 6.00 14.38
Bed/Lister-Roll-Fo	12R-38	MFWD 225	60,900	160	10	0.063	1.23	2.17	0.97	0.61	4.98	3.21 4.73 12.93
Bed/Lister-Roll-Fo	16R-30	MFWD 225	79,500	160	10	0.060	1.16	2.06	1.20	0.58	5.02	3.98 4.50 13.50
Bed/Lister-Roll-Ri	8R-38	MFWD 190	25,000	160	10	0.095	1.84	2.75	0.59	0.84	6.04	1.98 6.51 14.54
Blade-Box	6'-7'	MFWD 105	2,120	200	20	0.020	0.38	0.31	0.02	0.06	0.79	0.02 0.51 1.33
Blade-Box	8'-10'	MFWD 105	3,790	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00 0.00 0.00
Blade-Box	12'-16'	MFWD 105	7,580	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00 0.00 0.00
Blade-Scraper	6'-7'	MFWD 105	1,740	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00 0.00 0.00
Blade-Scraper	8'-10'	MFWD 105	5,840	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00 0.00 0.00
Blade-Scraper	12'-16'	MFWD 105	12,200	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00 0.00 0.00
Boll Buggy	4R-38(250)	MFWD 190	30,500	200	10	0.257	4.97	7.41	1.96	2.26	16.61	5.06 17.50 39.18
Boll Buggy	4R-38(350)	MFWD 190	30,500	200	10	0.257	4.97	7.41	1.96	2.26	16.61	5.06 17.50 39.18
Boll Buggy	4R2x1(350)	MFWD 190	30,500	200	10	0.172	3.32	4.95	1.31	1.51	11.10	3.38 11.70 26.19
Boll Buggy	6R-30(355)	MFWD 190	30,500	200	10	0.218	4.20	6.27	1.66	1.91	14.06	4.28 14.82 33.17
Boll Buggy	6R-38(355)	MFWD 190	30,500	200	10	0.172	3.32	4.95	1.31	1.51	11.10	3.38 11.70 26.19
Chisel Plow-Folding	24'	MFWD 190	62,100	150	12	0.076	1.47	2.19	1.71	0.67	6.05	3.82 5.19 15.07
Chisel Plow-Folding	32'	MFWD 225	80,500	150	12	0.057	1.11	1.96	1.67	0.55	5.31	3.74 4.28 13.34
Chisel Plow-Folding	42'	MFWD 225	93,000	150	12	0.044	0.84	1.49	1.47	0.42	4.24	3.29 3.26 10.81
Chisel Plow-Folding	50'	MFWD 225	117,000	150	12	0.036	0.71	1.25	1.56	0.35	3.88	3.48 2.74 10.11
Chisel Plow-Folding	61'	MFWD 225	150,000	150	12	0.030	0.58	1.03	1.64	0.29	3.54	3.66 2.24 9.45
Chisel Plow-Rigid	10'	MFWD 170	13,400	150	12	0.184	3.56	4.75	0.89	1.26	10.47	1.99 9.76 22.23
Chisel Plow-Rigid	15'	2WD 130	20,100	150	12	0.123	2.37	2.42	0.89	0.55	6.25	1.99 4.16 12.40
Chisel Plow-Rigid	20'	MFWD 225	19,800	150	12	0.102	1.98	3.49	0.73	0.98	7.19	1.63 7.62 16.45
Cultivate	4R-30	2WD 105	21,600	150	10	0.206	3.97	3.27	1.18	0.72	9.17	3.92 5.45 18.54
Cultivate	4R-38	2WD 105	21,600	150	10	0.162	3.13	2.58	0.93	0.57	7.22	3.09 4.32 14.63
Cultivate	6R-30	MFWD 150	28,200	150	10	0.137	2.65	3.12	1.03	0.83	7.63	3.41 6.23 17.29
Cultivate	6R-38	MFWD 150	28,100	150	10	0.108	2.09	2.46	0.81	0.65	6.02	2.68 4.92 13.64
Cultivate	8R-30	MFWD 190	36,000	150	10	0.103	1.98	2.96	0.99	0.90	6.84	3.27 7.00 17.12
Cultivate	8R-38	MFWD 190	40,900	150	10	0.073	1.42	2.11	0.80	0.64	4.98	2.65 5.00 12.64
Cultivate	8R-38 2x1	MFWD 190	60,500	150	10	0.054	1.04	1.56	0.87	0.47	3.95	2.89 3.68 10.53
Cultivate	12R-30	MFWD 225	62,000	150	10	0.068	1.32	2.34	1.13	0.65	5.46	3.75 5.10 14.32
Cultivate	12R-38	MFWD 225	60,500	150	10	0.054	1.04	1.84	0.87	0.52	4.29	2.89 4.02 11.21
Cultivate	16R-30	MFWD 225	83,400	150	10	0.051	0.99	1.75	1.14	0.49	4.39	3.78 3.82 12.00
Cultivate & Post	4R-30	2WD 105	27,700	150	10	0.220	5.23	3.49	1.62	0.78	11.14	5.37 5.85 22.36
Cultivate & Post	4R-38	2WD 105	27,700	150	10	0.173	4.12	2.75	1.27	0.61	8.77	4.22 4.60 17.60
Cultivate & Post	6R-30	MFWD 150	34,300	150	10	0.146	3.49	3.32	1.34	0.88	9.05	4.43 6.65 20.13
Cultivate & Post	6R-38	MFWD 150	34,200	150	10	0.115	2.75	2.62	1.05	0.70	7.14	3.48 5.25 15.88
Cultivate & Post	8R-30	MFWD 190	42,100	150	10	0.110	2.61	3.16	1.23	0.96	7.98	4.08 7.47 19.53
Cultivate & Post	8R-38	MFWD 190	47,000	150	10	0.086	2.07	2.50	1.08	0.76	6.42	3.60 5.90 15.93

(continued)

Appendix Table 3. Towed Equipment: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Mississippi, 2026 (continued)

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----					
Cultivate & Post	8R-38 2x1	MFWD 190	66,600	150	10	0.057	1.37	1.66	1.02 0.50	4.57	3.39	3.93 11.90
Cultivate & Post	12R-30	MFWD 225	68,100	150	10	0.073	1.74	2.49	1.33 0.70	6.27	4.40	5.44 16.11
Cultivate & Post	12R-38	MFWD 225	66,600	150	10	0.057	1.37	1.97	1.02 0.55	4.93	3.39	4.29 12.62
Cultivate & Post	16R-30	MFWD 225	89,500	150	10	0.055	1.30	1.87	1.31 0.52	5.02	4.33	4.08 13.44
Disk & Incorporate	14'	2WD 130	42,700	200	10	0.149	3.56	2.94	1.91 0.67	9.09	4.22	5.05 18.37
Disk & Incorporate	20'	MFWD 190	89,600	200	10	0.092	2.20	2.65	2.48 0.81	8.15	5.47	6.27 19.90
Disk & Incorporate	24'	MFWD 190	72,800	200	10	0.087	2.07	2.51	1.90 0.76	7.26	4.20	5.92 17.39
Disk & Incorporate	28'	MFWD 225	86,400	200	10	0.074	1.78	2.54	1.93 0.71	6.98	4.27	5.55 16.81
Disk & Incorporate	32'	MFWD 225	94,600	200	10	0.065	1.55	2.22	1.85 0.62	6.27	4.09	4.85 15.22
Disk Harrow	14'	2WD 130	36,600	180	10	0.140	2.70	2.76	1.42 0.63	7.52	3.77	4.73 16.03
Disk Harrow	20'	MFWD 190	83,500	180	10	0.098	1.89	2.82	2.27 0.86	7.85	6.02	6.66 20.54
Disk Harrow	24'	MFWD 190	66,700	180	10	0.081	1.57	2.35	1.51 0.71	6.16	4.00	5.55 15.73
Disk Harrow	28'	MFWD 225	80,300	180	10	0.070	1.35	2.38	1.56 0.67	5.97	4.13	5.20 15.32
Disk Harrow	32'	MFWD 225	88,500	180	10	0.061	1.18	2.08	1.50 0.58	5.37	3.98	4.55 13.91
Disk Harrow	42'	MFWD 225	144,000	180	10	0.046	0.90	1.59	1.87 0.44	4.81	4.94	3.47 13.22
Disk Harrow 40-100hp	14'	2WD 75	24,700	180	10	0.140	2.70	1.59	0.96 0.26	5.52	2.54	2.00 10.07
Disk Heavy	14'	MFWD 150	36,600	180	10	0.145	2.81	3.31	1.48 0.88	8.49	3.92	6.62 19.03
Disk Heavy	20'	MFWD 190	83,500	180	10	0.097	1.87	2.79	2.25 0.85	7.78	5.96	6.60 20.35
Disk Heavy	28'	MFWD 225	80,300	180	10	0.075	1.45	2.57	1.68 0.72	6.45	4.46	5.61 16.52
Disk Ripper	15'	MFWD 225	68,600	180	10	0.136	2.62	4.63	2.59 1.30	11.16	6.86	10.10 28.13
Ditcher		2WD 130	6,760	200	10	0.020	0.38	0.39	0.05 0.09	0.92	0.08	0.67 1.68
Ditcher (1m/160a)		2WD 130	6,760	200	10	0.009	0.18	0.18	0.02 0.04	0.43	0.04	0.31 0.79
Fert Appl (Liquid)	4R-38	MFWD 150	25,400	150	8	0.154	3.68	3.51	2.61 0.93	10.74	3.67	7.01 21.44
Fert Appl (Liquid)	6R-30	MFWD 170	25,300	150	8	0.130	3.11	3.36	2.20 0.89	9.58	3.10	6.91 19.60
Fert Appl (Liquid)	6R-38	MFWD 170	25,300	150	8	0.103	2.46	2.65	1.74 0.70	7.57	2.44	5.45 15.47
Fert Appl (Liquid)	8R-30	MFWD 190	26,300	150	8	0.098	2.33	2.82	1.72 0.86	7.74	2.41	6.66 16.83
Fert Appl (Liquid)	8R-38	MFWD 190	29,500	150	8	0.077	1.84	2.23	1.52 0.68	6.28	2.14	5.27 13.70
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	32,900	150	8	0.051	1.23	1.48	1.13 0.45	4.30	1.59	3.51 9.40
Fert Appl (Liquid)	12R-30	MFWD 225	36,900	150	8	0.078	1.87	2.67	1.93 0.75	7.23	2.71	5.82 15.77
Fert Appl (Liquid)	12R-38	MFWD 225	31,100	150	8	0.051	1.23	1.75	1.07 0.49	4.55	1.50	3.83 9.89
Field Cult & Inc	42'	MFWD 225	101,000	100	10	0.037	0.89	1.28	0.95 0.36	3.50	5.04	2.80 11.34
Field Cult & Inc	50'	MFWD 225	112,000	100	10	0.031	0.75	1.08	0.88 0.30	3.02	4.69	2.35 10.08
Field Cult & Inc Fld	24'	MFWD 170	56,100	100	10	0.066	1.57	1.70	0.92 0.45	4.65	4.90	3.49 13.04
Field Cult & Inc Fld	32'	MFWD 190	72,400	100	10	0.049	1.18	1.42	0.89 0.43	3.93	4.74	3.36 12.05
Field Cult & Inc Rdg	12'	2WD 150	23,900	100	10	0.132	3.14	3.00	0.78 0.69	7.63	4.17	5.18 16.99
Field Cultivate Fld	24'	MFWD 170	50,000	100	10	0.062	1.19	1.60	0.77 0.42	4.00	4.11	3.28 11.40
Field Cultivate Fld	32'	MFWD 190	66,300	100	10	0.046	0.89	1.34	0.77 0.40	3.42	4.08	3.16 10.68
Field Cultivate Fld	42'	MFWD 225	90,700	100	10	0.035	0.68	1.21	0.80 0.34	3.04	4.26	2.63 9.94
Field Cultivate Fld	50'	MFWD 225	98,000	100	10	0.029	0.57	1.01	0.73 0.28	2.61	3.86	2.21 8.69
Field Cultivate Rdg	12'	2WD 150	17,800	100	10	0.124	2.39	2.82	0.55 0.65	6.42	2.92	4.87 14.23
Grain Cart Corn	500 bu	MFWD 190	36,400	200	12	0.025	0.48	0.72	0.24 0.22	1.68	0.55	1.71 3.96
Grain Cart Corn	700 bu	MFWD 190	49,900	200	12	0.025	0.48	0.72	0.34 0.22	1.77	0.76	1.71 4.26
Grain Cart Corn	1000 bu	MFWD 225	71,700	200	12	0.025	0.48	0.86	0.49 0.24	2.08	1.09	1.87 5.05
Grain Cart Rice	500 bu	MFWD 190	36,400	200	12	0.062	1.20	1.79	0.61 0.54	4.16	1.37	4.24 9.78
Grain Cart Rice	700 bu	MFWD 190	49,900	200	12	0.055	1.06	1.58	0.74 0.48	3.86	1.65	3.73 9.26
Grain Cart Rice	1000 bu	MFWD 190	71,700	200	12	0.045	0.88	1.31	0.89 0.40	3.49	1.98	3.11 8.59
Grain Cart Soybean	500 bu	MFWD 190	36,400	200	12	0.025	0.49	0.73	0.25 0.22	1.70	0.56	1.73 3.99
Grain Cart Soybean	700 bu	MFWD 190	49,900	200	12	0.021	0.40	0.61	0.28 0.18	1.49	0.64	1.44 3.57
Grain Cart Soybean	1000 bu	MFWD 190	71,700	200	12	0.021	0.40	0.61	0.41 0.18	1.61	0.92	1.44 3.98
Grain Cart Wht/Sor	500 bu	MFWD 190	36,400	200	12	0.025	0.49	0.73	0.25 0.22	1.70	0.56	1.73 3.99
Grain Cart Wht/Sor	700 bu	MFWD 190	49,900	200	12	0.021	0.40	0.61	0.28 0.18	1.49	0.64	1.44 3.57
Grain Cart Wht/Sor	1000 bu	MFWD 190	71,700	200	12	0.021	0.40	0.61	0.41 0.18	1.61	0.92	1.44 3.98
Grain Drill	10'	2WD 130	46,400	150	8	0.188	5.34	3.70	3.28 0.85	13.18	7.92	6.36 27.47
Grain Drill	12'	2WD 130	55,400	150	8	0.157	4.45	3.09	3.26 0.70	11.51	7.88	5.30 24.70
Grain Drill	15'	MFWD 150	49,900	150	8	0.125	3.56	2.85	2.35 0.76	9.53	5.67	5.70 20.91
Grain Drill	20'	MFWD 170	55,100	150	8	0.094	2.67	2.42	1.94 0.64	7.68	4.70	4.97 17.37
Grain Drill	24'	MFWD 190	87,400	150	8	0.078	2.22	2.25	2.57 0.68	7.75	6.21	5.33 19.30
Grain Drill	30'	MFWD 225	102,800	150	8	0.062	1.78	2.14	2.42 0.60	6.94	5.84	4.66 17.46
Grain Drill	35'	MFWD 225	119,000	150	8	0.053	1.52	1.83	2.40 0.51	6.28	5.80	3.99 16.08
Grain Drill & Pre	10'	2WD 130	52,500	150	8	0.203	5.75	3.99	3.99 0.91	14.66	9.65	6.85 31.17
Grain Drill & Pre	12'	2WD 130	61,500	150	8	0.169	4.79	3.32	3.90 0.76	12.79	9.42	5.71 27.92
Grain Drill & Pre	15'	MFWD 150	56,000	150	8	0.135	3.83	3.07	2.84 0.82	10.57	6.86	6.14 23.57
Grain Drill & Pre	20'	MFWD 170	61,200	150	8	0.101	2.87	2.61	2.33 0.69	8.51	5.62	5.36 19.50
Grain Drill & Pre	24'	MFWD 190	93,500	150	8	0.084	2.39	2.43	2.96 0.74	8.54	7.16	5.74 21.45
Grain Drill & Pre	30'	MFWD 225	109,000	150	8	0.067	1.91	2.30	2.76 0.64	7.63	6.67	5.02 19.34
Grain Drill & Pre	35'	MFWD 225	125,000	150	8	0.058	1.64	1.97	2.71 0.55	6.89	6.56	4.30 17.76
Grain Drill & Pre T	8R-38	MFWD 225	57,000	150	8	0.062	1.78	2.14	1.34 0.60	5.86	3.24	4.66 13.77
Harrow - Folding	24'	MFWD 190	13,800	200	10	0.064	1.24	1.86	0.31 0.56	3.98	0.59	4.39 8.97
Harrow - Folding	30'	MFWD 190	15,300	200	10	0.051	0.99	1.48	0.27 0.45	3.21	0.52	3.51 7.25
Harrow - Folding	40'	MFWD 190	21,300	200	10	0.038	0.74	1.11	0.28 0.34	2.49	0.54	2.63 5.67
Harrow - Folding	48'	MFWD 225	36,000	200	10	0.032	0.62	1.10	0.40 0.31	2.44	0.76	2.40 5.61
Header - Corn	6R-30	265 hp	76,100	300	8	0.170	3.28	6.82	3.23 8.21	21.56	6.06	39.32 66.95
Header - Corn	6R-38	265 hp	77,100	300	8	0.134	2.59	5.39	2.59 6.48	17.05	4.85	31.04 52.95
Header - Corn	8R-30	265 hp	117,000	300	8	0.127	2.46	5.12	3.73 6.15	17.47	6.99	29.49 53.96
Header - Corn	8R-38	325 hp	90,700	300	8	0.100	1.94	4.96	2.28 5.88	15.09	4.28	28.19 47.57
Header - Corn	12R-20	325 hp	156,000	300	8	0.127	2.46	6.28	4.98 7.44	21.17	9.32	35.67 66.16
Header - Corn	12R-30	325 hp	167,000	300	8	0.085	1.64	4.18	3.55 4.96	14.35	6.65	23.78 44.78
Header - Draper (CL)	25' Rigid	265 hp	83,200	300	8	0.203	3.91	8.14	3.87 9.79	25.72	7.64	46.89 80.27
Header - Draper (CL)	30' Rigid	325 hp	85,600	300	8	0.169	3.26	8.32	3.31 9.87	24.77	6.55	47.26 78.60
Header - Draper (CL)	36' Rigid	355 hp	100,000	300	8	0.141	2.71	7.57	3.23 8.30	21.82	6.38	39.74 67.95
Header - Draper (CL)	40' Rigid	425 hp	108,000	300	8	0.126	2.44	8.16	3.14 7.50	21.26	6.20	35.95 63.42
Header - Draper (SL)	25' Rigid	325 hp	83,200	300	8	0.176	3.39	8.65	3.35 10.26	25.67	6.62	49.15 81.45
Header - Draper (SL)	30' Rigid	325 hp	85,600	300	8	0.146	2.82	7.21	2.87 8.55	21.47	5.68	40.96 68.12

(continued)

Appendix Table 3. Towed Equipment: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Mississippi, 2026 (continued)

Item Name	Size		Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost
				dollars	hours	years	hr/ac	-----\$/acre-----					
Header - Draper (SL)	36'	Rigid	355 hp	100,000	300	8	0.122	2.35	6.56	2.80	7.19	18.91	5.53 34.44 58.88
Header - Draper (SL)	40'	Rigid	425 hp	108,000	300	8	0.110	2.12	7.07	2.72	6.50	18.42	5.37 31.16 54.96
Header -RiceStrp(CL)	20'		265 hp	50,600	300	8	0.253	4.89	10.17	3.21	12.24	30.52	6.01 58.62 95.16
Header -RiceStrp(CL)	24'		325 hp	54,000	300	8	0.211	4.07	10.40	2.85	12.33	29.67	5.34 59.08 94.11
Header -RiceStrp(CL)	32'		325 hp	70,800	300	8	0.158	3.05	7.80	2.80	9.25	22.92	5.25 44.31 72.49
Header -RiceStrp(SL)	20'		265 hp	50,600	300	8	0.220	4.24	8.82	2.78	10.61	26.45	5.20 50.80 82.47
Header -RiceStrp(SL)	24'		325 hp	54,000	300	8	0.183	3.53	9.01	2.47	10.69	25.72	4.63 51.20 81.56
Header -RiceStrp(SL)	32'		325 hp	70,800	300	8	0.137	2.65	6.76	2.43	8.02	19.86	4.55 38.40 62.83
Header -Soybean	22'	Flex	265 hp	46,800	300	8	0.116	2.23	4.65	1.35	5.59	13.85	2.54 26.81 43.20
Header -Soybean	25'	Flex	325 hp	45,700	300	8	0.102	1.96	5.02	1.16	5.95	14.12	2.18 28.53 44.84
Header -Soybean	30'	Flex	325 hp	55,100	300	8	0.085	1.64	4.18	1.17	4.96	11.96	2.19 23.78 37.94
Header -Soybean	35'	Flex	355 hp	62,900	300	8	0.072	1.40	3.92	1.14	4.29	10.76	2.14 20.56 33.48
Header Wheat/Sorghum	22'	Rigid	265 hp	19,800	300	8	0.116	2.23	4.65	0.57	5.59	13.06	1.07 26.81 40.95
Header Wheat/Sorghum	25'	Rigid	325 hp	49,200	300	8	0.102	1.96	5.02	1.25	5.95	14.21	2.35 28.53 45.10
Header Wheat/Sorghum	30'	Rigid	325 hp	63,200	300	8	0.085	1.64	4.18	1.34	4.96	12.14	2.51 23.78 38.43
Land Plane	50'x16'		MFWD 190	13,500	200	10	0.151	2.92	4.36	0.40	1.33	9.02	1.35 10.29 20.67
Levee Pull & Seed	8 Blade		MFWD 170	17,600	100	10	0.003	0.06	0.09	0.01	0.02	0.19	0.08 0.18 0.46
Levee Pull (1m/80a)	8 blade		MFWD 170	12,500	100	10	0.003	0.06	0.09	0.00	0.02	0.19	0.05 0.18 0.44
Levee Splitter (1/80	32"		MFWD 150	9,220	100	10	0.004	0.08	0.09	0.00	0.02	0.20	0.05 0.18 0.44
Module Builder	4R-38(250)		MFWD 190	34,700	200	10	0.257	7.30	7.41	2.23	2.26	19.21	5.76 17.50 42.48
Module Builder	4R-38(350)		MFWD 190	34,700	200	10	0.257	7.30	7.41	2.23	2.26	19.21	5.76 17.50 42.48
Module Builder	4R2x1(350)		MFWD 190	34,700	200	10	0.172	4.88	4.95	1.49	1.51	12.84	3.85 11.70 28.39
Module Builder	6R-30(355)		MFWD 190	34,700	200	10	0.218	6.18	6.27	1.89	1.91	16.27	4.87 14.82 35.97
Module Builder	6R-38(355)		MFWD 190	34,700	200	10	0.172	4.88	4.95	1.49	1.51	12.84	3.85 11.70 28.39
Module Handler			MFWD 300	16,600	100	10	0.085	1.64	3.87	0.35	1.05	6.93	1.87 8.15 16.95
NT Grain Drill	10'		2WD 130	48,100	150	8	0.235	6.68	4.63	4.25	1.06	16.63	10.26 7.95 34.85
NT Grain Drill	12'		2WD 130	63,700	150	8	0.163	4.63	3.22	3.91	0.73	12.50	9.43 5.52 27.47
NT Grain Drill	15'		MFWD 150	77,100	150	8	0.130	3.71	2.97	3.78	0.79	11.26	9.13 5.94 26.34
NT Grain Drill	20'		MFWD 170	103,000	150	8	0.098	2.78	2.52	3.79	0.67	9.77	9.15 5.18 24.11
NT Grain Drill	24'		MFWD 190	111,300	150	8	0.081	2.31	2.35	3.41	0.71	8.80	8.24 5.55 22.61
NT Grain Drill	30'		MFWD 225	110,200	150	8	0.065	1.85	2.22	2.70	0.62	7.41	6.53 4.85 18.80
NT Grain Drill & Pre	10'		2WD 130	54,200	150	8	0.211	5.99	4.16	4.29	0.95	15.41	10.37 7.14 32.93
NT Grain Drill & Pre	12'		2WD 130	69,800	150	8	0.176	4.99	3.46	4.61	0.79	13.87	11.13 5.95 30.96
NT Grain Drill & Pre	15'		MFWD 150	83,200	150	8	0.141	3.99	3.20	4.40	0.85	12.45	10.62 6.39 29.47
NT Grain Drill & Pre	20'		MFWD 170	109,000	150	8	0.105	2.99	2.72	4.32	0.72	10.76	10.43 5.58 26.78
NT Grain Drill & Pre	24'		MFWD 190	117,000	150	8	0.088	2.49	2.53	3.86	0.77	9.67	9.33 5.98 24.99
NT Grain Drill & Pre	30'		MFWD 225	116,000	150	8	0.070	1.99	2.40	3.06	0.67	8.14	7.40 5.23 20.77
NT Plant&Pre-Folding	8R-38		MFWD 170	88,300	150	8	0.083	2.36	2.15	2.76	0.57	7.85	6.68 4.41 18.95
NT Plant&Pre-Folding	8R-38 2x1		MFWD 170	153,000	150	8	0.055	1.57	1.43	3.19	0.38	6.58	7.71 2.93 17.23
NT Plant&Pre-Folding	12R-20		MFWD 190	82,800	150	8	0.105	2.99	3.04	3.28	0.92	10.25	7.92 7.18 25.36
NT Plant&Pre-Folding	12R-30		MFWD 190	140,000	150	8	0.070	1.99	2.02	3.70	0.61	8.34	8.93 4.78 22.07
NT Plant&Pre-Folding	12R-38		MFWD 190	163,000	150	8	0.055	1.57	1.60	3.40	0.48	7.07	8.21 3.78 19.06
NT Plant&Pre-Folding	16R-30		MFWD 190	221,000	150	8	0.052	1.49	1.52	4.38	0.46	7.86	10.57 3.59 22.03
NT Plant&Pre-Folding	23R-15		MFWD 190	218,000	150	8	0.073	2.08	2.11	6.00	0.64	10.84	14.49 4.98 30.32
NT Plant&Pre-Folding	24R-20		MFWD 190	269,000	150	8	0.052	1.49	1.52	5.33	0.46	8.81	12.87 3.59 25.28
NT Plant&Pre-Folding	24R-30		MFWD 190	227,000	150	8	0.035	0.99	1.01	3.00	0.30	5.32	7.24 2.39 14.96
NT Plant&Pre-Folding	31R-15		MFWD 225	267,000	150	8	0.054	1.54	1.86	5.47	0.52	9.40	13.21 4.05 26.67
NT Plant&Pre-Folding	32R-15		MFWD 225	272,000	150	8	0.052	1.49	1.80	5.39	0.50	9.20	13.02 3.92 26.14
NT Plant&Pre-Rigid	4R-30		2WD 130	43,500	150	8	0.211	5.99	4.16	3.45	0.95	14.56	8.32 7.14 30.03
NT Plant&Pre-Rigid	4R-38		2WD 130	38,400	150	8	0.166	4.72	3.27	2.39	0.75	11.14	5.79 5.62 22.56
NT Plant&Pre-Rigid	6R-30		MFWD 150	52,900	150	8	0.141	3.99	3.20	2.79	0.85	10.85	6.75 6.39 24.00
NT Plant&Pre-Rigid	6R-38		MFWD 150	49,000	150	8	0.111	3.15	2.52	2.04	0.67	8.40	4.93 5.05 18.39
NT Plant&Pre-Rigid	8R-30		MFWD 170	69,400	150	8	0.105	2.99	2.72	2.75	0.72	9.19	6.64 5.58 21.42
NT Plant&Pre-Rigid	8R-38		MFWD 170	65,800	150	8	0.083	2.36	2.15	2.06	0.57	7.15	4.98 4.41 16.54
NT Plant&Pre-Rigid	11R-15		MFWD 170	71,100	150	8	0.143	4.07	3.70	3.83	0.98	12.59	9.26 7.59 29.46
NT Plant&Pre-Rigid	11R-20		MFWD 170	75,800	150	8	0.115	3.27	2.97	3.28	0.78	10.32	7.93 6.10 24.35
NT Plant&Pre-Rigid	12R-20		MFWD 190	80,800	150	8	0.105	2.99	3.04	3.20	0.92	10.17	7.73 7.18 25.09
NT Plant&Pre-Rigid	12R-30		MFWD 190	100,700	150	8	0.070	1.99	2.02	2.66	0.61	7.30	6.42 4.78 18.52
NT Plant&Pre-Rigid	15R-15		MFWD 190	99,300	150	8	0.113	3.20	3.25	4.21	0.99	11.66	10.16 7.68 29.51
NT Plant&Pre-TwinRow	12R-30/40		MFWD 225	173,000	150	8	0.055	1.57	1.89	3.61	0.53	7.61	8.71 4.13 20.46
NT Plant&Pre-TwinRow	8R-30/40		MFWD 225	135,600	150	8	0.083	2.36	2.84	4.25	0.80	10.27	10.26 6.20 26.73
NT Plant-Folding	8R-38		MFWD 170	82,200	150	8	0.077	2.20	1.99	2.39	0.53	7.12	5.77 4.10 16.99
NT Plant-Folding	8R-38 2x1		MFWD 170	153,000	150	8	0.051	1.46	1.32	2.96	0.35	6.11	7.15 2.72 16.00
NT Plant-Folding	12R-20		MFWD 190	77,500	150	8	0.098	2.78	2.82	2.85	0.86	9.32	6.88 6.66 22.88
NT Plant-Folding	12R-30		MFWD 190	129,800	150	8	0.065	1.85	1.88	3.18	0.57	7.50	7.69 4.44 19.64
NT Plant-Folding	12R-38		MFWD 190	153,000	150	8	0.051	1.46	1.48	2.96	0.45	6.37	7.15 3.51 17.04
NT Plant-Folding	16R-30		MFWD 190	210,000	150	8	0.049	1.39	1.41	3.86	0.43	7.10	9.33 3.33 19.77
NT Plant-Folding	23R-15		MFWD 190	207,000	150	8	0.068	1.93	1.96	5.29	0.59	9.78	12.77 4.63 27.19
NT Plant-Folding	24R-20		MFWD 190	258,000	150	8	0.049	1.39	1.41	4.75	0.43	7.98	11.46 3.33 22.79
NT Plant-Folding	24R-30		MFWD 190	208,000	150	8	0.032	0.92	0.94	2.55	0.28	4.71	6.16 2.22 1

(continued)

Appendix Table 3. Towed Equipment: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Mississippi, 2026 (continued)

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---	Total	--Fixed--	Total	
									Imp. P.U.	Direct	Imp. P.U.	Cost	
			dollars	hours	years	hr/ac	-----\$/acre-----						
NT Plant-TwinRow	12R-30/40	MFWD 225	163,000	150	8	0.051	1.46	1.75	3.15	0.49	6.88	7.62	18.34
NT Plant-TwinRow	8R-30/40	MFWD 225	130,000	150	8	0.077	2.20	2.64	3.78	0.74	9.37	9.13	24.27
Peanut Cond.& Lifter	6-Row	MFWD 190	15,200	300	20	0.100	1.92	2.87	0.25	0.87	5.93	0.51	13.24
Peanut Conditioner	6-Row	MFWD 190	25,700	300	20	0.100	1.92	2.87	0.51	0.87	6.19	0.81	13.80
Peanut Dig/Invertor	4R-30	MFWD 190	41,800	300	15	0.235	4.54	6.78	2.45	2.07	15.85	3.78	35.65
Peanut Dig/Invertor	4R-38	MFWD 190	41,800	300	15	0.186	3.59	5.35	1.93	1.63	12.51	2.98	28.15
Peanut Dig/Invertor	6R-38	MFWD 190	66,700	300	15	0.124	2.39	3.56	1.45	1.08	8.50	3.17	20.10
Peanut Dump Cart	6-Row	MFWD 190	70,900	300	20	0.310	5.97	8.91	1.28	2.72	18.89	7.28	47.23
Peanut Harvester	4R-30	MFWD 225	181,000	300	20	0.849	16.38	28.94	8.71	8.15	62.20	48.89	174.16
Peanut Harvester	4R-38	MFWD 225	181,000	300	20	0.934	18.01	31.82	9.58	8.96	68.39	54.92	192.65
Peanut Harvester	6R-38	MFWD 225	197,000	300	20	0.625	12.05	21.28	5.95	5.99	45.27	39.97	131.62
Peanut Lifter	6-Row	MFWD 225	10,100	300	20	0.100	1.92	3.40	0.20	0.95	6.50	0.32	14.24
Peanut Plt&Pre Fold.	12R-38	MFWD 190	147,000	150	8	0.080	2.27	2.31	4.43	0.70	9.72	10.69	25.89
Peanut Plt&Pre Rigid	8R-30	MFWD 190	61,200	150	8	0.152	4.32	4.39	3.50	1.34	13.57	8.46	32.41
Peanut Plt&Pre Rigid	8R-38	MFWD 190	57,700	150	8	0.120	3.42	3.47	2.61	1.06	10.56	6.30	25.07
Peanut Plt&PreTwin	8R-30/40	MFWD 190	127,000	150	8	0.120	3.42	3.47	5.75	1.06	13.70	13.88	35.79
Pipe Spool 160ac	1/4m roll	2WD 130	6,480	15	12	0.003	0.11	0.06	0.01	0.01	0.20	0.16	0.47
Pipe Trailer 1m/160a	30'	2WD 130	2,200	100	15	0.003	0.20	0.07	0.00	0.01	0.30	0.00	0.43
Plant & Pre-Folding	8R-38	MFWD 170	80,200	150	8	0.080	2.27	2.06	2.41	0.54	7.30	5.82	17.36
Plant & Pre-Folding	8R-38 2x1	MFWD 170	147,000	150	8	0.053	1.51	1.37	2.94	0.36	6.20	7.11	16.13
Plant & Pre-Folding	12R-20	MFWD 190	70,600	150	8	0.101	2.87	2.91	2.68	0.89	9.37	6.48	22.76
Plant & Pre-Folding	12R-30	MFWD 190	123,600	150	8	0.067	1.91	1.94	3.13	0.59	7.59	7.57	19.76
Plant & Pre-Folding	12R-38	MFWD 190	147,000	150	8	0.053	1.51	1.53	2.94	0.46	6.46	7.11	17.20
Plant & Pre-Folding	16R-30	MFWD 190	200,000	150	8	0.050	1.43	1.45	3.80	0.44	7.15	9.19	19.79
Plant & Pre-Folding	23R-15	MFWD 190	194,000	150	8	0.070	1.99	2.02	5.12	0.61	9.77	12.38	26.94
Plant & Pre-Folding	24R-20	MFWD 190	244,000	150	8	0.050	1.43	1.45	4.64	0.44	7.98	11.21	22.65
Plant & Pre-Folding	24R-30	MFWD 190	202,000	150	8	0.033	0.95	0.97	2.56	0.29	4.79	6.18	13.28
Plant & Pre-Folding	31R-15	MFWD 225	235,000	150	8	0.052	1.48	1.78	4.62	0.50	8.40	11.16	23.45
Plant & Pre-Folding	32R-15	MFWD 225	239,000	150	8	0.050	1.43	1.72	4.55	0.48	8.20	10.98	22.95
Plant & Pre-Rigid	4R-30	2WD 130	39,500	150	8	0.203	5.75	3.99	3.00	0.91	13.67	7.26	27.79
Plant & Pre-Rigid	4R-38	2WD 130	34,300	150	8	0.159	4.53	3.14	2.05	0.72	10.45	4.96	20.81
Plant & Pre-Rigid	6R-30	MFWD 150	46,800	150	8	0.135	3.83	3.07	2.37	0.82	10.10	5.73	21.98
Plant & Pre-Rigid	6R-38	MFWD 150	42,800	150	8	0.106	3.02	2.42	1.71	0.64	7.81	4.14	16.80
Plant & Pre-Rigid	8R-30	MFWD 170	61,200	150	8	0.101	2.87	2.61	2.33	0.69	8.51	5.62	19.50
Plant & Pre-Rigid	8R-38	MFWD 170	57,700	150	8	0.080	2.27	2.06	1.73	0.54	6.62	4.19	15.05
Plant & Pre-Rigid	11R-15	MFWD 170	59,900	150	8	0.148	4.20	3.81	3.32	1.01	12.35	8.03	28.22
Plant & Pre-Rigid	11R-20	MFWD 170	64,600	150	8	0.110	3.14	2.85	2.68	0.75	9.44	6.48	21.79
Plant & Pre-Rigid	12R-20	MFWD 190	68,600	150	8	0.101	2.87	2.91	2.61	0.89	9.30	6.30	22.50
Plant & Pre-Rigid	12R-30	MFWD 190	88,100	150	8	0.067	1.91	1.94	2.23	0.59	6.69	5.39	16.69
Plant & Pre-Rigid	15R-15	MFWD 190	83,600	150	8	0.108	3.07	3.12	3.40	0.95	10.55	8.21	26.15
Plant & Pre-TwinRow	12R-30/40	MFWD 225	161,000	150	8	0.053	1.51	1.81	3.22	0.51	7.07	7.78	18.82
Plant & Pre-TwinRow	8R-30/40	MFWD 225	127,000	150	8	0.080	2.27	2.73	3.82	0.77	9.60	9.22	24.78
Plant - Folding	8R-38	MFWD 170	74,100	150	8	0.074	2.11	1.91	2.07	0.50	6.60	4.99	15.54
Plant - Folding	8R-38 2x1	MFWD 170	140,000	150	8	0.049	1.40	1.27	2.60	0.33	5.62	6.28	14.53
Plant - Folding	12R-20	MFWD 190	65,200	150	8	0.094	2.67	2.71	2.30	0.82	8.51	5.56	20.48
Plant - Folding	12R-30	MFWD 190	117,500	150	8	0.062	1.78	1.80	2.76	0.55	6.91	6.68	17.86
Plant - Folding	12R-38	MFWD 190	140,000	150	8	0.049	1.40	1.42	2.60	0.43	5.87	6.28	15.53
Plant - Folding	16R-30	MFWD 190	194,000	150	8	0.047	1.33	1.35	3.42	0.41	6.53	8.27	18.01
Plant - Folding	23R-15	MFWD 190	184,000	150	8	0.065	1.85	1.88	4.51	0.57	8.83	10.90	24.18
Plant - Folding	24R-20	MFWD 190	234,000	150	8	0.047	1.33	1.35	4.13	0.41	7.24	9.98	20.42
Plant - Folding	24R-30	MFWD 190	184,000	150	8	0.031	0.89	0.90	2.16	0.27	4.23	5.23	11.60
Plant - Folding	31R-15	MFWD 225	225,000	150	8	0.048	1.38	1.65	4.11	0.46	7.61	9.92	21.16
Plant - Folding	32R-15	MFWD 225	229,000	150	8	0.047	1.33	1.60	4.04	0.45	7.44	9.77	20.71
Plant - Rigid	4R-30	2WD 130	33,400	150	8	0.188	5.34	3.70	2.36	0.85	12.26	5.70	24.33
Plant - Rigid	4R-38	2WD 130	28,200	150	8	0.148	4.20	2.92	1.57	0.66	9.36	3.79	18.17
Plant - Rigid	6R-30	MFWD 150	40,700	150	8	0.125	3.56	2.85	1.91	0.76	9.09	4.63	19.43
Plant - Rigid	6R-38	MFWD 150	36,700	150	8	0.099	2.81	2.25	1.36	0.60	7.03	3.29	14.83
Plant - Rigid	8R-30	MFWD 170	55,100	150	8	0.094	2.67	2.42	1.94	0.64	7.68	4.70	17.37
Plant - Rigid	8R-38	MFWD 170	51,600	150	8	0.074	2.11	1.91	1.44	0.50	5.98	3.48	13.39
Plant - Rigid	11R-15	MFWD 170	53,800	150	8	0.137	3.90	3.54	2.77	0.93	11.15	6.70	25.13
Plant - Rigid	11R-20	MFWD 170	58,500	150	8	0.103	2.92	2.65	2.26	0.70	8.53	5.45	19.43
Plant - Rigid	12R-20	MFWD 190	62,500	150	8	0.094	2.67	2.71	2.20	0.82	8.42	5.33	20.15
Plant - Rigid	12R-30	MFWD 190	77,800	150	8	0.062	1.78	1.80	1.83	0.55	5.97	4.42	14.67
Plant - Rigid	15R-15	2WD 150	73,300	150	8	0.094	2.67	2.14	2.59	0.49	7.89	6.25	17.85
Plant - TwinRow	12R-30/40	MFWD 225	150,000	150	8	0.049	1.40	1.68	2.79	0.47	6.36	6.73	16.78
Plant - TwinRow	8R-30/40	MFWD 225	121,000	150	8	0.074	2.11	2.53	3.38	0.71	8.74	8.16	22.44
Roller/Cultipacker	12'	2WD 130	7,470	300	12	0.124	2.39	2.44	0.21	0.56	5.62	0.38	10.21
Roller/Cultipacker	20'	MFWD 150	13,500	300	12	0.074	1.43	1.69	0.23	0.45	3.82	0.41	7.62
Roller/Cultipacker	30'	MFWD 170	21,100	300	12	0.049	0.95	1.28	0.24	0.33	2.82	0.43	5.88
Roller/Cultipacker	38'	MFWD 225	27,500	300	12	0.039	0.75	1.33	0.25	0.37	2.72	0.44	6.08
Roller/Stubble	20'	2WD 50	15,900	300	12	0.074	1.43	0.56	0.28	0.06	2.35	0.48	3.35
Roller/Stubble	32'	MFWD 225	23,700	300	12	0.046	0.89	1.58	0.26	0.44	3.19	0.45	7.11
Rotary Cutter	7'	MFWD 130	6,580	185	10	0.168	3.24	3.31	0.89	0.90	8.36	0.79	15.97
Rotary Cutter	12'	2WD 150	21,100	185	10	0.098	1.89	2.22	1.68	0.51	6.31	1.48	11.64
Rotary Cutter-Flex	15'	MFWD 15											

(continued)

Appendix Table 3. Towed Equipment: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Mississippi, 2026 (continued)

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.		Total Direct	--Fixed-- Imp. P.U.		Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----							
Row Cond Rigid	13'	2WD 130	12,900	100	10	0.119	2.30	2.35	0.38	0.53	5.57	2.03	4.03	11.64
Row Cond Rigid	21'	2WD 170	21,200	100	10	0.073	1.42	1.90	0.39	0.27	3.99	2.07	2.12	8.19
Row Cond Rigid	26'	MFWD 190	23,600	100	10	0.059	1.15	1.71	0.35	0.52	3.74	1.86	4.05	9.66
Row Cond./Roll-Fol	30'	MFWD 190	69,000	160	10	0.062	1.20	1.79	1.07	0.54	4.62	3.56	4.24	12.43
Row Cond./Roll-Fold.	26'	MFWD 190	38,000	160	10	0.072	1.39	2.07	0.68	0.63	4.78	2.26	4.89	11.94
Row Cond./Roll-Fold.	40'	MFWD 225	57,100	160	10	0.046	0.90	1.59	0.66	0.44	3.61	2.21	3.47	9.30
Row Cond./Roll-Rig	21'	MFWD 190	38,400	160	10	0.089	1.72	2.56	0.85	0.78	5.93	2.83	6.06	14.82
Row Cond./Roll-Rig	26'	MFWD 190	42,300	160	10	0.072	1.39	2.07	0.76	0.63	4.86	2.52	4.89	12.27
Spin Spreader	5 ton	MFWD 190	14,500	100	8	0.042	1.19	1.21	0.34	0.36	3.11	0.85	2.85	6.83
Spray (ATV Ropewick)	75"	800 CC	780	200	8	0.260	6.19	0.49	0.09	0.49	7.28	0.14	2.37	9.79
Spray (ATV)	20'	800 CC	1,530	200	8	0.084	2.01	0.15	0.06	0.16	2.39	0.09	0.77	3.25
Spray (Band)	27' Fold	MFWD 170	6,100	200	8	0.062	1.49	1.61	0.17	0.42	3.71	0.26	3.31	7.29
Spray (Band)	40' Fold	MFWD 170	10,700	200	8	0.042	1.00	1.08	0.21	0.28	2.59	0.31	2.23	5.14
Spray (Band)	50' Fold	MFWD 170	9,900	200	8	0.033	0.80	0.87	0.15	0.23	2.06	0.23	1.78	4.08
Spray (Band)	60' Fold	MFWD 170	18,600	200	8	0.028	0.67	0.72	0.24	0.19	1.83	0.36	1.48	3.69
Spray (Bcast/HB)	13' Rigid	MFWD 150	9,170	200	8	0.130	3.09	2.95	0.55	0.78	7.40	0.83	5.90	14.14
Spray (Bcast/HB)	20' Rigid	MFWD 150	10,700	200	8	0.084	2.01	1.92	0.42	0.51	4.87	0.63	3.83	9.34
Spray (Bcast/HB)	27' Fold	MFWD 170	13,600	200	8	0.062	1.49	1.61	0.39	0.42	3.93	0.59	3.31	7.84
Spray (Bcast/HB)	27' Rigid	MFWD 170	12,600	200	8	0.062	1.49	1.61	0.37	0.42	3.90	0.55	3.31	7.76
Spray (Bcast/HB)	30' Fold	MFWD 170	19,400	200	8	0.056	1.34	1.45	0.51	0.38	3.69	0.76	2.97	7.43
Spray (Bcast/HB)	40' Fold	MFWD 170	23,200	200	8	0.042	1.00	1.08	0.46	0.28	2.84	0.68	2.23	5.76
Spray (Broadcast)	27'	MFWD 170	6,100	200	8	0.062	1.49	1.61	0.17	0.42	3.71	0.26	3.31	7.29
Spray (Broadcast)	40'	MFWD 170	10,700	200	8	0.042	1.00	1.08	0.21	0.28	2.59	0.31	2.23	5.14
Spray (Broadcast)	50'	MFWD 170	9,900	200	8	0.033	0.80	0.87	0.15	0.23	2.06	0.23	1.78	4.08
Spray (Broadcast)	60'	MFWD 170	18,600	200	8	0.028	0.67	0.72	0.24	0.19	1.83	0.36	1.48	3.69
Spray (Direct/Hood)	8R-30	MFWD 170	19,800	200	8	0.084	2.01	2.17	0.78	0.57	5.55	1.17	4.46	11.19
Spray (Direct/Hood)	8R-38	MFWD 170	20,600	200	8	0.066	1.59	1.72	0.64	0.45	4.41	0.96	3.53	8.91
Spray (Direct/Hood)	12R-30	MFWD 170	27,100	200	8	0.056	1.34	1.45	0.71	0.38	3.89	1.07	2.97	7.94
Spray (Direct/Hood)	12R-38	MFWD 170	28,200	200	8	0.044	1.06	1.14	0.58	0.30	3.09	0.88	2.35	6.33
Spray (Direct/Layby)	8R-30	MFWD 170	19,500	200	8	0.084	2.01	2.17	0.77	0.57	5.54	1.15	4.46	11.17
Spray (Direct/Layby)	8R-38	MFWD 170	19,500	200	8	0.066	1.59	1.72	0.61	0.45	4.38	0.91	3.53	8.82
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	29,500	200	8	0.044	1.06	1.14	0.61	0.30	3.12	0.92	2.35	6.39
Spray (Direct/Layby)	12R-30	MFWD 170	29,500	200	8	0.056	1.34	1.45	0.78	0.38	3.95	1.16	2.97	8.10
Spray (Direct/Layby)	12R-38	MFWD 170	29,500	200	8	0.044	1.06	1.14	0.61	0.30	3.12	0.92	2.35	6.39
Spray (Direct/Layby)	16R-20/30	MFWD 225	34,600	200	8	0.062	1.49	2.13	1.01	0.60	5.24	1.52	4.65	11.41
Spray (Levee Leaper)	50'	MFWD 225	21,100	200	8	0.033	0.80	1.15	0.33	0.32	2.61	0.50	2.51	5.63
Spray (Pull Type)	60'	MFWD 225	75,100	200	8	0.028	0.67	0.96	0.99	0.27	2.89	1.48	2.09	6.47
Spray (Pull Type)	80'	MFWD 225	69,400	200	8	0.021	0.50	0.72	0.68	0.20	2.11	1.03	1.56	4.71
Spray (Pull Type)	90'	MFWD 225	70,400	200	8	0.018	0.44	0.64	0.62	0.18	1.88	0.92	1.39	4.21
Spray (Pull Type)	120'	MFWD 225	121,000	200	8	0.014	0.33	0.48	0.79	0.13	1.75	1.19	1.04	3.99
Spray (Ropewick)	20'	MFWD 190	3,800	200	8	0.084	2.01	2.43	0.15	0.74	5.34	0.22	5.74	11.31
Spray (Spot)	27'	MFWD 170	6,100	200	8	0.062	1.49	1.61	0.17	0.42	3.71	0.26	3.31	7.29
Spray (Spot)	40'	MFWD 170	10,700	200	8	0.042	1.00	1.08	0.21	0.28	2.59	0.31	2.23	5.14
Spray (Spot)	50'	MFWD 170	9,900	200	8	0.033	0.80	0.87	0.15	0.23	2.06	0.23	1.78	4.08
Spray (Spot)	60'	MFWD 225	18,600	200	8	0.028	0.67	0.96	0.24	0.27	2.14	0.36	2.09	4.61
Stalk Shredder	14'	MFWD 150	37,500	200	10	0.117	2.27	2.67	3.86	0.71	9.52	2.92	5.34	17.79
Stalk Shredder Flex	20'	MFWD 150	33,100	200	10	0.082	1.59	1.87	2.38	0.49	6.35	1.80	3.74	11.90
Stalk Shredder-Flail	12'	MFWD 150	32,700	200	10	0.137	2.65	3.12	3.93	0.83	10.53	2.97	6.23	19.74
Stalk Shredder-Flail	15'	MFWD 150	36,100	200	10	0.110	2.12	2.49	3.47	0.66	8.75	2.62	4.99	16.37
Stalk Shredder-Flail	18'	MFWD 150	53,600	200	10	0.091	1.76	2.08	4.29	0.55	8.70	3.24	4.15	16.10
Stalk Shredder-Flail	20'	MFWD 150	47,600	200	10	0.082	1.59	1.87	3.43	0.49	7.39	2.59	3.74	13.73
Stalk Shredder-Flail	25'	MFWD 150	72,200	200	10	0.066	1.27	1.49	4.16	0.39	7.34	3.14	2.99	13.48
Strip Till	8R-38	MFWD 225	71,400	150	10	0.061	1.18	2.09	1.90	0.59	5.78	3.87	4.57	14.23
Strip Till	12R-30	MFWD 225	121,000	150	10	0.061	1.18	2.09	3.23	0.59	7.10	6.57	4.57	18.25
Strip Till	12R-40	MFWD 225	122,000	150	10	0.046	0.89	1.57	2.44	0.44	5.35	4.96	3.42	13.75
Subsoiler	3 shank	MFWD 190	6,140	100	15	0.204	3.93	5.87	0.41	1.79	12.02	1.37	13.87	27.28
Subsoiler	4 shank	MFWD 225	14,900	100	15	0.153	2.96	5.23	0.76	1.47	10.42	2.51	11.39	24.34
Subsoiler	5 shank	MFWD 225	18,600	100	15	0.122	2.35	4.16	0.75	1.17	8.45	2.49	9.07	20.03
Subsoiler low-till	6 shank	MFWD 225	28,500	100	15	0.102	1.96	3.47	0.97	0.98	7.39	3.19	7.58	18.17
Subsoiler low-till	8 shank	MFWD 225	26,000	100	15	0.076	1.47	2.60	0.66	0.73	5.47	2.18	5.67	13.34

Notes:

Labor: Includes labor from Power unit plus additional labor from the implement.

Total Direct: Does not include interest on operating capital.

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2026

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS			Avicta 500 Soybean	oz	2.14
Agri-Dex	pt	2.51	Bravo Weather Stick	pt	4.25
AMS SuperMax	pt	3.81	Captan 4L	pt	5.37
Class Act NG	pt	2.00	Convoy	oz	1.24
Crop Oil Conc.(Pet.)	pt	2.86	Cotton Seed Trt.	acre	20.00
Crop Oil Conc.(Veg.)	pt	2.90	CruiserMaxx Vibrance	oz	4.46
Dyne-A-Pak	pt	4.17	Elatus	oz	3.65
Fire-Zone	pt	3.33	Flint Extra	oz	8.56
Herbimax	pt	3.44	Headline EC	oz	1.26
Induce	pt	3.00	Miravis Ace	oz	1.55
MSO	pt	3.50	Miravis Top	oz	1.40
Penetrator Plus	pt	2.11	Priaxor Xemium	oz	3.89
Surfactant	pt	3.30	Propimax EC	pt	18.20
CLEANING			Prosaro	oz	1.57
Cleaning Peanuts	ton	18.00	Provost Optimum	oz	2.17
CROP CONSULTANT			Provost Silver	oz	1.52
Corn Consultant	acre	6.00	Quadris	oz	1.13
Cotton Consultant	acre	8.00	Quadris Top	oz	2.50
Peanut Consultant	acre	9.25	Quadris Top SBX	oz	3.68
Rice Consultant	acre	8.00	Quilt	pt	4.00
Sorghum Consultant	acre	6.00	Quilt XCEL	pt	16.84
Soybeans Consultant	acre	6.50	Stratego	pt	22.50
Wheat Consultant	acre	5.50	Stratego YLD	oz	3.38
CUSTOM FERTILIZE			Tilt 3.6 EC	oz	0.87
App Fert by Air	cwt	13.60	Tilt/ Bravo SE	oz	0.87
App Fert by Air(Mi	appl	13.60	Trivapro	oz	1.44
Custom Apply Fert	acre	9.00	GINNING		
CUSTOM LIME			Gin & Haul	lb	0.11
Lime (Spread)	ton	63.67	GROWTH REGULATORS		
CUSTOM PLANT			Mepex	oz	0.09
Custom Plant	acre	7.50	Mepichlor 4.2%	oz	0.07
Custom Plant Air	cwt	8.43	Mepiquat	oz	0.06
CUSTOM SPRAY			Mepstar 6	oz	0.29
App by Air (3 gal)	appl	7.50	Palisade	oz	1.48
App by Air (5 gal)	appl	8.05	Pentia	oz	0.41
App by Air (10 gal)	appl	9.50	Pix WSG	oz	1.16
Custom Spray Ground	acre	8.65	Stance	oz	1.53
DRYING			Veto	oz	0.07
Dry Corn	bu	0.19	HARVEST AIDS		
Dry Grain Sorghum	cwt	0.25	Adios	oz	0.99
Dry Peanuts	ton	24.00	Boll Buster	oz	0.34
Dry Rice	bu	0.40	Def/Folex	pt	7.75
ERADICATION FEE			Defol 5	gal	8.68
Eradication	acre	1.00	Display	oz	10.59
FERTILIZERS			Ethephon 6E	pt	3.01
Agrotain Ultra	pt	12.50	Finish 6	pt	11.17
Amm Sulfate (21% N)	cwt	26.41	Folex 6EC	pt	7.75
Boron Plus	pt	3.77	Freefall SC	oz	1.09
DAP	cwt	43.41	Ginstar EC	pt	29.72
Fert 10-34-0	cwt	38.00	Gramoxone SL	oz	0.32
Fert 10-34-0	gal	4.43	Module Wrap	roll	990.00
Fert 11-37-0	cwt	35.84	Module Wrap	port.	41.25
Fert 41-0-0-4	cwt	38.00	Sharpen	oz	6.91
Lime	ton	53.67	Sodium Chlorate 5L	gal	8.68
NBPT	pt	18.20	SuperBoll	oz	0.33
Phosphorus(46% P2O5)	cwt	32.25	Thidiazuron 4lb	oz	1.09
Potash (60% K2O)	cwt	25.56	Tribufos 6lb	pt	7.75
Sulfur Plus	pt	2.62	Vacate	oz	1.39
UAN (32% N)	cwt	23.75	HAULING		
UAN (32%)	gal	2.63	Haul Corn	bu	0.31
UAN + Sulfur (28%)	cwt	24.39	Haul Peanuts	ton	14.50
UAN + Sulfur (28%)	gal	2.71	Haul Rice	bu	0.30
Urea, Solid (46% N)	cwt	31.08	Haul Sorghum	bu	0.35
Zinc Plus	pt	3.50	Haul Soybeans	bu	0.29
FUNGICIDES			Haul Wheat	bu	0.30
Abound	oz	1.74	HERBICIDES		
Alfa Guard	lb	1.67	2,4-D Amine 4	pt	2.69
Allegiance Flowabl	oz	6.33	2,4-D Ester	pt	3.93
Amistar Top	oz	2.76	AAtrex 4L	pt	3.40
Approach Prima	pt	32.61	Accent Q	oz	24.02
Apron Maxx RTA	oz	1.02	Acuron	oz	0.63
Artisan	oz	0.70			(continued)
Avaris	oz	1.96			

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2026 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Aim	oz	4.27	Halomax	oz	21.28
Aim 2EC	oz	4.27	Harmony Extra SG	oz	10.39
Anthem Flex	oz	5.68	Helmet	oz	0.52
Anthem Maxx	oz	5.26	HighCard	oz	1.14
Armezon Pro	oz	1.24	Huskie	oz	0.99
Atrazine 4L	pt	2.17	Impact	oz	13.93
Atrazine 90DF	lb	5.01	Intimidator	oz	0.64
Authority First	lb	42.96	Leadoff	oz	6.55
Authority Elite	pt	14.50	League	oz	6.34
Authority Maxx	lb	43.48	Lexar	pt	5.36
Authority MTZ	lb	19.75	Liberty 280	oz	0.32
Avatar	pt	8.04	Loyant	oz	2.67
Avenger	pt	13.75	Makaze	oz	0.17
Axial XL	oz	1.71	Metolachlor	pt	5.15
Axiom	oz	2.25	Metribuzin 4L	pt	9.10
Banvel	pt	4.86	Metribuzin 75	lb	9.99
Barrage	pt	3.63	MSMA	pt	5.25
Basagran	pt	5.43	Newpath	oz	4.59
Boundary	pt	6.86	Obey	oz	1.12
Brake	oz	1.61	Osprey	oz	4.12
Broadaxe	pt	13.50	Outlook	pt	13.78
Broadhead	lb	58.21	Panther Pro	oz	3.46
Bucaneer Plus	pt	2.16	Parallel	pt	4.85
Buctril	pt	4.28	Paraquat	oz	0.17
Butyrac 200 (2,4-DB)	pt	4.40	Parazone 3SL	oz	0.87
Cadre	oz	2.20	Permit	oz	16.50
Callisto	oz	2.99	Permit Plus	oz	24.33
Canopy	oz	3.25	PowerFlex	oz	8.02
Caparol	pt	5.00	Preface	oz	4.10
Capreno	oz	4.63	Prefix	pt	7.00
Cinch	pt	14.18	Provisia	oz	0.96
Cinch ATZ	pt	6.26	Prowl 3.3 EC	pt	6.63
Clarity	pt	15.00	Quelex	oz	9.62
Classic	oz	18.60	RealmQ	oz	5.04
Clearpath	oz	4.46	RebelEx	oz	2.29
Clethodim 2E	oz	0.23	Reflex	pt	8.18
Clincher SF	oz	3.00	Regiment	oz	61.59
Cobra	oz	0.39	Resicore	oz	0.41
Command 3ME	pt	13.75	Resource	oz	2.30
Corvus	oz	6.06	RiceBeaux	pt	6.72
Cotoran	pt	7.34	Riceshot	pt	4.68
Cotton Pro	pt	3.45	Ricestar HT	pt	28.00
Dicamba	pt	3.97	Ringside	pt	5.44
Direx	pt	3.15	Roundup Power Max	oz	0.18
Diuron	pt	3.27	Roundup PowerMax	pt	2.85
Dual II Magnum	pt	5.56	Roundup PowerMax ii	oz	0.31
Dual Magnum	pt	7.79	Roundup PowerMax III	pt	2.90
Duet	pt	6.22	Roundup Pro	pt	0.20
Engenia	oz	1.06	Scepter 70 DG	oz	6.04
Enlist Duo	pt	6.07	Select Max	pt	11.55
Enlist One	pt	7.56	Sencor/Tricor.Metrib	lb	16.63
Envive	oz	3.80	Sequence	pt	6.17
Envoke	oz	96.20	Sharpen	oz	6.91
Facet L	pt	17.78	Sinister	pt	8.12
Fierce	oz	7.75	Sonic	oz	3.53
Fierce XLT	oz	5.34	Stalwart	pt	6.39
Finesse	oz	20.58	Stam 80 EDF	lb	9.45
Firestorm	pt	3.44	Stam M4	qt	8.67
First Rate	oz	34.50	Staple LX	oz	8.63
Flexstar	pt	8.00	Storm	pt	15.25
Flexstar GT	pt	5.60	Strada	oz	7.34
Fusilade DX	oz	1.06	Strada Pro	oz	7.49
Gambit	oz	18.42	Strada XT2	oz	3.26
Glyphosate 3lbs a.e	pt	1.95	Superwham	qt	9.40
Glyphosate 3lbs a.e	oz	0.12	Suprend	lb	13.52
Goal 2XL	pt	9.97	SureStart II	oz	0.43
Gramoxone SL 2.0	oz	0.32	Surveil	oz	6.70
Grandstand R	pt	19.22	Synchrony XP	oz	12.00
Grasp	oz	13.56	Tavium	gal	76.16
Grasp Xtra	oz	1.72	Tempest	pt	26.10
Halex GT	pt	5.76			(continued)

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2026 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Touchdown Total	qt	10.21	Mustang Max	oz	1.30
Treflan	pt	4.05	Nuprid 4F	oz	1.01
Trifluralin	pt	4.05	Oberon	oz	3.72
Triflurex	pt	3.47	Orthene 97	lb	20.83
Ultra Blazer	pt	3.10	Permethrin	oz	0.64
Valor EZ	oz	3.52	Portal XLO	oz	0.74
Valor SX	oz	3.06	Pounce 25WP	lb	19.96
Valor XLT	oz	3.59	Prevathon	oz	1.52
Vamos	pt	6.49	Python WDG	oz	19.25
Verdict	oz	1.49	Radiant	oz	8.32
Veritas	pt	7.49	Sevin SL	pt	19.77
Villain	pt	5.24	Sevin XLR Plus	qt	19.85
Volunteer	pt	4.35	Sivanto Prime	oz	3.24
Warrant	pt	3.76	Tempest	oz	1.63
XtendiMax	oz	1.22	Tenchu SG	oz	1.23
Zidua SC	oz	4.57	Transform WG	oz	11.63
Zidua WG	oz	7.37	Up-Cyde	oz	0.83
INOCULANT			Warrior II ZT	oz	3.73
Inoculant -Soybean	acre	1.55	Zeal	oz	16.66
Optimize LIFT	oz	0.58	IRRIGATION SUPPLIES		
INSECTICIDES			Roll-Out Pipe	ft	0.24
Abamectin .15EC	oz	0.36	SEED/PLANTS		
Acephate 90%	lb	7.97	Corn Seed BtRR	thous	6.02
Acephate 90SP	lb	7.97	Corn Seed Conv.	thous	2.99
Admire Pro	oz	1.65	Corn Seed Op Leptra	thous	4.63
Agri-Mek	oz	3.08	Corn Seed RR2	thous	3.92
Asana .66 XL	oz	0.51	Corn Seed VT2P	thous	4.91
Avenger	oz	0.86	Cot. Seed B3XF/W3FE	thous	2.80
Baythroid XL	oz	1.52	Cotton Seed B3TXF	thous	2.94
Belt	oz	6.41	Cotton Seed GLB2	thous	2.36
Besiege	oz	2.91	Cotton Seed ThryvOn	thous	3.64
Bidrin 8EC	oz	1.77	Cotton Seed W3FE	thous	2.66
Bifenthrin	oz	0.42	Cotton Seed W3RF	thous	1.39
Bifenture 2EC	oz	0.50	Peanut Seed	lb	1.31
Brigade EC	pt	20.45	Rice Conv Hyb Trt	lb	6.31
Capture LFR	oz	1.19	Rice Fullpage Hyb Tr	lb	6.34
Centric 40WG	oz	7.29	Rice Seed CF(Levees)	lb	1.32
Cypermethrin	oz	0.51	Rice Seed Clearfield	lb	1.32
Declare	oz	1.73	Rice Seed Conv.	lb	0.30
Diamond .83EC	oz	2.25	Rice Seed Cv(Levees)	lb	0.30
Dimethoate 4E	pt	8.51	Rice Seed CvH(Levee)	lb	1.93
Dimilin 2L	oz	0.77	Rice Seed FPH(Levee)	lb	6.34
Endigo	oz	2.04	Rice Seed Max-Ace	lb	8.89
Force 3G	lb	7.28	Rice Seed Provisia	lb	1.31
Hero	oz	1.48	Rice Seed Trt/Insect	lbseed	0.29
Imidacloprid 4F	oz	0.51	Sorghum Concept	lb	3.40
Imidan 70 WSB	oz	1.30	Sorghum Concept+ Po	lb	3.26
IncidentalPestTrt \$8	acre	8.00	Soybean Enlist E3	lb	1.44
IncidentalPestTrt\$15	acre	15.00	Soybean Seed LL	lb	1.59
IncidentalPestTrt\$22	acre	22.00	Soybean Seed RR2	lb	1.38
IncidentalPestTrt\$30	acre	30.00	Soybean Seed RR2X	lb	1.40
Intrepid 2F	oz	2.44	Wheat Seed Private	lb	0.34
Intruder 70WSP	oz	1.13	SOIL TEST		
LambdaT	oz	1.75	Soil Test	acre	10.00
Lannate LV	pt	8.60	SURVEY & MARK LEVEES		
Macho	oz	0.37	Survey & Mark Levees	acre	4.50
Malathion 8E	pt	9.84	Survey & Mark Levees	acre	4.50

Appendix Table 5. Estimated fuel prices
and interest rates, Mississippi, 2026

ITEM NAME	UNIT	PRICE
		dollars
FUEL TYPES		
Diesel Fuel	gal	2.94
Gasoline	gal	2.69
INTEREST RATES		
Short-term	%	8.25
Intermediate-term	%	8.50

Appendix Table 6. Labor types, wage rates and unallocated labor
Multipliers for crop enterprises, Mississippi, 2026

Item name	Unit	Wage Rate
OPERATOR LABOR	hour	19.28
IRRIGATE LABOR	hour	9.06
HAND LABOR	hour	9.06
HAND. & STOR. LABOR	hour	9.06
RICE MGT. LABOR	hour	9.06
CROP ENTERPRISE	UNALLOCATED LABOR MULTIPLIERS (%)	
Corn		90
Cotton		80
Grain Sorghum		90
Peanuts		80
Rice		90
Soybeans		90
Wheat		80

Appendix Table 7. Futures contract prices, basis levels,
forward contract prices, and loan rates
used in row crop budgets, Mississippi, 2026

Crop	unit	Futures Contract Month	Futures Contract Price ^a	Basis ^b	Forward Contract Price ^c	Loan Rate ^d	Budget Price ^e
Corn	bu	Dec '26	4.61	-0.09	4.52	2.35	4.52
Cotton Lint	lb	Dec '26	0.6870	-0.0120	0.6750	0.52	0.6750
Cottonseed	lb						0.11 ^f
Grain Sorghum	bu				4.30	4.09	4.30
Peanuts	ton				450.00	354.89	450.00
Soybeans	bu	Nov '26	10.67	-0.07	10.60	6.41 ⁵	10.60
Rice	bu	Nov '26	5.62	-0.13	5.49	3.21	5.49
Wheat	bu	Jul '26	5.54	-0.16	5.38	3.60	5.38

^a Average of the daily closing futures contract prices during the first 5 trading days in October 2025 for the stated contract months.

^b Basis is the cash price minus the futures contract price for the stated contract month. The reported basis is a daily average from 2009 to 2025 for corn, soybeans and wheat at Greenville, MS. Rice basis is a weekly average price for river point delivery. June harvest delivery for wheat. September harvest delivery for corn, rice and soybeans. October harvest delivery for cotton.

^c The forward contract price for corn, cotton, rice, soybeans and wheat is the futures contract price plus the basis. The forward contract price for grain sorghum is 95% of the forward contract price for corn. The forward contract price for peanuts is an estimate from a poll of Extension Peanut Marketing Specialists.

^d Average Mississippi County CCC Loan Rate for 2025 crop year for corn, grain sorghum, soybeans and wheat. Mississippi CCC 2025 Farm-stored Loan Rate for long grain rough rice. National 2025 Upland Cotton Marketing Assistance Loan Base Rate for cotton lint.

^e Price used in MSU Extension Service Planning Budgets.

^f Cottonseed price is the average marketing year price over the years 2008-2025.

Appendix Table 8. Estimated costs for field operations, per acre
 Full-season soybeans irrigated with roll-out pipe
 160-acre system, 9 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----	DIRECT COST-----					FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	
-----dollars-----									
Land Plane	50'x16'		1.09	0.43	0.73		0.19	2.44	5.35
Set Up Engine									
IRRIGATE LABOR	hour				0.23		0.01	0.24	0.24
Ditcher (1m/160a)			0.24	0.09	0.18		0.01	0.52	1.06
Roll-Out Pipe	ft	7.92					0.22	8.14	8.14
Lay Roll-out Pipe									
Pipe Spool 160ac	1/4m roll		0.32	0.14	0.47		0.03	0.96	2.27
IRRIGATE LABOR	hour				1.81		0.05	1.86	1.86
Apply Water									
IRRIGATE LABOR	hour				0.23		0.01	0.24	0.24
Apply Water									
IRRIGATE LABOR	hour				0.23		0.01	0.24	0.24
Apply Water									
IRRIGATE LABOR	hour				0.23			0.23	0.23
Pick Up Pipe									
Pipe Spool 160ac	1/4m roll		0.48	0.20	0.70		0.01	1.39	3.36
Land Forming (\$450)	each							43.97	43.97
Well & Pump, Furrow	each			2.96			0.08	3.04	15.07
Main Line Pipe	each							6.65	6.65
Engine, RPF, ESB	each							11.82	11.82
1st June Irrigation	ac-in		7.19	1.40			0.24	8.83	8.83
2nd June Irrigation	ac-in		7.19	1.40			0.24	8.83	8.83
July Irrigation	ac-in		7.19	1.40			0.18	8.77	8.77
TOTALS		7.92	23.70	8.02	4.81	0.00	1.28	45.73	126.93

Note: Cost of production estimates are based on 2025 input prices.

Appendix Table 9 Estimated costs for field operations, per acre
Irrigation with a contour flood system
80-acre system, 13.5 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Set Up Engine										
IRRIGATE LABOR	hour				0.45		0.02	0.47		0.47
Build Outside Levee										
Levee Pull (1m/80a)	8 blade		0.41	0.15	0.31		0.03	0.90	1.12	2.02
Survey & Mark Levees	acre	2.25					0.08	2.33		2.33
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.55	0.20	0.41		0.04	1.20	1.48	2.68
Butt Levees										
Blade-Box	6'-7'		0.51	0.16	0.39		0.04	1.10	1.08	2.18
IRRIGATE LABOR	hour				0.68		0.02	0.70		0.70
Apply Water										
IRRIGATE LABOR	hour				0.11			0.11		0.11
Tear Down Levees										
Levee Splitter (1/80	32"		0.43	0.14	0.32		0.03	0.92	1.08	2.00
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.55	0.20	0.41		0.03	1.19	1.48	2.67
Butt Levees										
Blade-Box	6'-7'		0.51	0.16	0.39		0.03	1.09	1.08	2.17
IRRIGATE LABOR	hour				0.68		0.02	0.70		0.70
Apply Water										
IRRIGATE LABOR	hour				0.11			0.11		0.11
Tear Down Levees										
Levee Splitter (1/80	32"		0.43	0.14	0.32		0.02	0.91	1.08	1.99
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.55	0.20	0.41		0.02	1.18	1.48	2.66
Butt Levees										
Blade-Box	6'-7'		0.51	0.16	0.39		0.02	1.08	1.08	2.16
IRRIGATE LABOR	hour				0.68		0.01	0.69		0.69
Apply Water										
IRRIGATE LABOR	hour				0.11			0.11		0.11
Tear Down Levees										
Levee Splitter (1/80	32"		0.43	0.14	0.32		0.02	0.91	1.08	1.99
Tear Down Levees										
Levee Splitter (1/80	32"		0.32	0.11	0.24		0.01	0.68	0.81	1.49
Land Forming (\$113)	each								11.04	11.04
Well & Pump, Flood	each			5.91			0.20	6.11	24.06	30.17
Engine, CF, 75	each								23.64	23.64
June Irrigation	ac-in		10.78	2.80			0.47	14.05		14.05
July Irrigation	ac-in		10.78	2.80			0.37	13.95		13.95
August Irrigation	ac-in		10.78	2.80			0.28	13.86		13.86
TOTALS		2.25	37.54	16.07	6.73	0.00	1.76	64.35	71.59	135.94

Note: Cost of production estimates are based on 2025 input prices.

Appendix Table 10 Estimated costs for field operations, per acre
Irrigation with a 1/2-mile center pivot system
530-acre system, 7.5 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Set Up Engine										
IRRIGATE LABOR	hour				0.07			0.07		0.07
Maintenance										
IRRIGATE LABOR	hour				0.27		0.01	0.28		0.28
Apply Water										
IRRIGATE LABOR	hour				0.04			0.04		0.04
Apply Water										
IRRIGATE LABOR	hour				0.05			0.05		0.05
Apply Water										
IRRIGATE LABOR	hour				0.04			0.04		0.04
Pivot, 1/2 CP	each			8.60			0.30	8.90	45.46	54.36
Well & Pump, 1/2 CP	each			1.13			0.04	1.17	4.61	5.78
Engine, 1/2 CP, 174	each								6.38	6.38
June Irr. 3app@.75"	ac-in		14.47	0.68			0.52	15.67		15.67
July Irr. 4app@.75"	ac-in		19.29	0.91			0.56	20.76		20.76
Aug Irr. 3app@.75"	ac-in		14.47	0.68			0.31	15.46		15.46
TOTALS		0.00	48.23	12.00	0.47	0.00	1.74	62.44	56.45	118.89

Note: Cost of production estimates are based on 2025 input prices.

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