

**PEANUTS
2025
PLANNING BUDGETS**

**Mississippi State University
Department of Agricultural Economics
Budget Report 2024-07**

November 2024

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 2025 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.

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.

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2025 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 2024. (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 peanut yields that may be expected in a given year. Budget yields are tempered with unpublished research and judgments of the commodity committee. 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. The price used in the budgets is the higher of the loan rate or the best estimate of a contract price for the following growing season. Industry peanut buyers are polled to estimate a contract price.

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 a ¼ mile center pivot irrigation system is presented in Appendix Table 8. 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
 Peanut - runner, 2.2 ton (4400 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Abound	oz	1.29	12.0000	15.48	_____
Convoy	oz	1.02	24.0000	24.48	_____
Bravo Weather Stick	pt	3.49	2.2500	7.85	_____
Tebuconazole 3.6	oz	0.45	7.2000	3.24	_____
Elatus	oz	3.65	9.2000	33.58	_____
Provost Silver	oz	1.52	13.0000	19.76	_____
HERBICIDES					
Glyphosate 3lbs a.e	pt	1.85	4.0000	7.40	_____
Dual Magnum	pt	10.11	1.0000	10.11	_____
Valor SX	oz	3.06	3.0000	9.18	_____
Storm	pt	12.97	1.5000	19.46	_____
Cadre	oz	2.20	4.0000	8.80	_____
Butyrac 200 (2,4-DB)	pt	3.38	2.0000	6.76	_____
Select Max	pt	15.01	1.0000	15.01	_____
INSECTICIDES					
Admire Pro	oz	2.19	9.0000	19.71	_____
Acephate 90%	lb	6.75	0.1375	0.93	_____
SEED/PLANTS					
Peanut Seed	lb	1.15	150.0000	172.50	_____
ADJUVANTS					
Crop Oil Conc. (Veg.)	pt	2.90	6.0000	17.40	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.6200	29.16	_____
DRYING					
Dry Peanuts	ton	24.00	1.1400	27.36	_____
CUSTOM LIME					
Lime (Spread)	ton	51.39	0.3330	17.11	_____
INOCULANT					
Optimize LIFT	oz	0.58	14.8000	8.58	_____
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_____
OPERATOR LABOR					
Tractors	hour	18.69	1.2529	23.42	_____
Self-Propelled	hour	18.69	0.1204	2.25	_____
HAND LABOR					
Implements	hour	9.06	0.1207	1.09	_____
Self-Propelled	hour	9.06	0.0602	0.51	_____
UNALLOCATED LABOR					
	hour	18.74	1.0986	20.59	_____
DIESEL FUEL					
Tractors	gal	2.86	13.5967	38.88	_____
Self-Propelled	gal	2.86	1.5342	4.41	_____
REPAIR & MAINTENANCE					
Implements	acre	11.43	1.0000	11.43	_____
Tractors	acre	11.96	1.0000	11.96	_____
Self-Propelled	acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	acre	14.89	1.0000	14.89	_____
TOTAL DIRECT EXPENSES				608.89	_____
FIXED EXPENSES					
Implements	acre	58.09	1.0000	58.09	_____
Tractors	acre	92.53	1.0000	92.53	_____
Self-Propelled	acre	18.04	1.0000	18.04	_____
TOTAL FIXED EXPENSES				168.66	_____
TOTAL SPECIFIED EXPENSES				777.55	_____

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.B Summary of estimated costs and returns per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	2.2000	1045.00	_____

TOTAL INCOME				1045.00	_____
DIRECT EXPENSES					
FUNGICIDES	acre	104.40	1.0000	104.40	_____
HERBICIDES	acre	76.72	1.0000	76.72	_____
INSECTICIDES	acre	20.64	1.0000	20.64	_____
SEED/PLANTS	acre	172.50	1.0000	172.50	_____
ADJUVANTS	acre	17.40	1.0000	17.40	_____
CLEANING	acre	29.16	1.0000	29.16	_____
DRYING	acre	27.36	1.0000	27.36	_____
CUSTOM LIME	acre	17.11	1.0000	17.11	_____
INOCULANT	acre	8.58	1.0000	8.58	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.1809	1.60	_____
OPERATOR LABOR	hour	18.69	1.3733	25.67	_____
UNALLOCATED LABOR	hour	18.74	1.0986	20.59	_____
DIESEL FUEL	gal	2.86	15.1309	43.29	_____
REPAIR & MAINTENANCE	acre	25.65	1.0000	25.65	_____
INTEREST ON OP. CAP.	acre	14.89	1.0000	14.89	_____

TOTAL DIRECT EXPENSES				608.89	_____
RETURNS ABOVE DIRECT EXPENSES				436.11	_____
TOTAL FIXED EXPENSES				168.66	_____

TOTAL SPECIFIED EXPENSES				777.55	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				267.45	_____

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.C Estimated resource use for field operations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2025

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	POWER IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
						-----hours-----				
Soil Test	acre			0.33	Apr	0.3330				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Apr			0.01	0.01	0.00
Glyphosate 3lbs a.e	pt					4.0000				
Lime (Spread)	ton			0.33	Apr	0.3330				
Bed-Rip/Disk Fold.	8R-38	MFWD 190	0.073	1.00	May		0.07	0.07	0.07	0.05
Peanut Plt&Pre Rigid	8R-38	MFWD 225	0.120	1.00	May		0.12	0.12	0.24	0.09
Peanut Seed	lb					150.0000				
Optimize LIFT	oz					14.8000				
Admire Pro	oz					9.0000				
Abound	oz					12.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.00
Dual Magnum	pt					1.0000				
Valor SX	oz					3.0000				
Sprayer 600-825gal	90' 250hp		0.011	0.25	May			0.00	0.00	0.00
Acephate 90%	lb					0.1375				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Convoy	oz					24.0000				
Bravo Weather Stick	pt					0.7500				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Storm	pt					1.5000				
Cadre	oz					4.0000				
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Tebuconazole 3.6	oz					7.2000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Elatus	oz					9.2000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Select Max	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Provost Silver	oz					13.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Aug			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Peanut Dig/Invertor	6R-38	MFWD 190	0.124	1.00	Sep		0.12	0.12	0.12	0.09
Peanut Harvester	6R-38	MFWD 225	0.625	1.00	Sep		0.62	0.62	0.62	0.50
Dry Peanuts	ton					1.1400				
Cleaning Peanuts	ton					1.6200				
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
TOTALS							1.37	1.25	1.55	1.09

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.D Estimated costs for field operations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2025

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						0.14	3.47		3.47
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.05	1.15	1.76	2.91
Glyphosate 3lbs a.e	pt	7.40						0.31	7.71		7.71
Lime (Spread)	ton	17.11						0.71	17.82		17.82
Bed-Rip/Disk Fold.	8R-38		2.04	0.89	2.46			0.19	5.58	6.56	12.14
Peanut Plt&Pre Rigid	8R-38		4.00	3.77	5.16			0.44	13.37	15.66	29.03
Peanut Seed	lb	172.50						5.93	178.43		178.43
Optimize LIFT	oz	8.58						0.29	8.87		8.87
Admire Pro	oz	19.71						0.68	20.39		20.39
Abound	oz	15.48						0.53	16.01		16.01
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.04	1.14	1.76	2.90
Dual Magnum	pt	10.11						0.35	10.46		10.46
Valor SX	oz	9.18						0.32	9.50		9.50
Sprayer 600-825gal	90' 250hp		0.11	0.06	0.10			0.01	0.28	0.44	0.72
Acephate 90%	lb	0.93						0.03	0.96		0.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Convoy	oz	24.48						0.67	25.15		25.15
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Storm	pt	19.46						0.54	20.00		20.00
Cadre	oz	8.80						0.24	9.04		9.04
Butyrac 200 (2,4-DB)	pt	3.38						0.09	3.47		3.47
Crop Oil Conc.(Veg.)	pt	5.80						0.16	5.96		5.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Tebuconazole 3.6	oz	3.24						0.09	3.33		3.33
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Elatus	oz	33.58						0.69	34.27		34.27
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Butyrac 200 (2,4-DB)	pt	3.38						0.07	3.45		3.45
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Select Max	pt	15.01						0.31	15.32		15.32
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Provost Silver	oz	19.76						0.41	20.17		20.17
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Bravo Weather Stick	pt	2.62						0.04	2.66		2.66
Peanut Dig/Invertor	6R-38		3.47	2.47	4.18			0.07	10.19	11.30	21.49
Peanut Harvester	6R-38		20.70	12.34	21.03			0.37	54.44	89.38	143.82
Dry Peanuts	ton	27.36						0.19	27.55		27.55
Cleaning Peanuts	ton	29.16						0.20	29.36		29.36
Peanut Dump Cart	6-Row		8.67	3.92	10.43			0.16	23.18	27.72	50.90
TOTALS		477.20	43.29	25.65	47.86	0.00	14.89	608.89	168.66	777.55	

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 1.E Estimated monthly income and expense flows per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8 row-38 inch
 All Areas, Mississippi, 2025

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	1045.00
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.48	32.96	53.34	2.62	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.40	19.29	31.64	18.39	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.64	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.50	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	11.60	0.00	0.00
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.36
CUSTOM LIME	0.00	0.00	0.00	0.00	0.00	0.00	17.11	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	8.58	0.00	0.00	0.00	0.00
SOIL TEST	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.45	8.17	1.35	1.80	0.45	35.64
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	0.43	6.58	1.29	1.72	0.43	32.84
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.22	4.94	0.66	0.88	0.22	18.73
INTEREST ON OP. CAP.	0.00	0.00	0.00	0.00	0.00	0.00	1.21	8.81	2.02	1.80	0.06	0.99
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	30.15	264.99	75.72	89.53	3.78	144.72
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	-30.15	-264.99	-75.72	-89.53	-3.78	900.28
NET INCOME TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	-30.15	-295.14	-370.86	-460.39	-464.17	436.11

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

* Lease costs are based on hourly usage costs.

Table 1.F Estimated returns for various price/yield combinations, per acre
Peanut - runner, 2.2 ton (4400 lb) yield, 8 row-38 inch
All Areas, Mississippi, 2025

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Peanut Runner			356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75
PERCENT	YIELD	UNIT	dollars										
50	1.10	ton	-188 -357	-162 -331	-136 -304	-110 -278	-84 -252	-57 -226	-31 -200	-5 -174	20 -148	46 -122	72 -95
60	1.32	ton	-115 -284	-84 -253	-53 -221	-21 -190	9 -159	40 -127	72 -96	103 -65	134 -33	166 -2	197 28
70	1.54	ton	-43 -211	-6 -175	29 -138	66 -102	103 -65	139 -28	176 7	212 44	249 80	285 117	322 153
80	1.76	ton	29 -139	71 -97	113 -55	154 -13	196 28	238 69	280 111	322 153	363 195	405 237	447 278
90	1.98	ton	102 -66	149 -19	196 27	243 74	290 121	337 168	384 215	431 262	478 309	525 356	572 403
100	2.20	ton	174 6	227 58	279 110	331 162	383 215	436 267	488 319	540 371	592 424	645 476	697 528
110	2.42	ton	247 78	305 136	362 193	419 251	477 308	534 366	592 423	649 481	707 538	764 596	822 653
120	2.64	ton	320 151	382 214	445 276	508 339	571 402	633 465	696 527	759 590	821 653	884 715	947 778
130	2.86	ton	392 224	460 292	528 360	596 428	664 495	732 563	800 631	868 699	936 767	1004 835	1072 903
140	3.08	ton	465 296	538 370	611 443	685 516	758 589	831 662	904 735	977 808	1050 882	1123 955	1197 1028
150	3.30	ton	538 369	616 447	695 526	773 604	851 683	930 761	1008 839	1086 918	1165 996	1243 1074	1322 1153

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 2024 input prices.

Table 2.A Estimated costs per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8R 38" twin
 All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Abound	oz	1.29	12.0000	15.48	_____
Convoy	oz	1.02	24.0000	24.48	_____
Bravo Weather Stick	pt	3.49	2.2500	7.85	_____
Tebuconazole 3.6	oz	0.45	7.2000	3.24	_____
Elatus	oz	3.65	9.2000	33.58	_____
Provost Silver	oz	1.52	13.0000	19.76	_____
HERBICIDES					
Glyphosate 3lbs a.e	pt	1.85	4.0000	7.40	_____
Dual Magnum	pt	10.11	1.0000	10.11	_____
Valor SX	oz	3.06	3.0000	9.18	_____
Storm	pt	12.97	1.5000	19.46	_____
Cadre	oz	2.20	4.0000	8.80	_____
Butyrac 200 (2,4-DB)	pt	3.38	2.0000	6.76	_____
Select Max	pt	15.01	1.0000	15.01	_____
INSECTICIDES					
Admire Pro	oz	2.19	9.0000	19.71	_____
Acephate 90%	lb	6.75	0.1375	0.93	_____
SEED/PLANTS					
Peanut Seed	lb	1.15	150.0000	172.50	_____
ADJUVANTS					
Crop Oil Conc. (Veg.)	pt	2.90	6.0000	17.40	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.6200	29.16	_____
DRYING					
Dry Peanuts	ton	24.00	1.1400	27.36	_____
CUSTOM LIME					
Lime (Spread)	ton	51.39	0.3330	17.11	_____
INOCULANT					
Optimize LIFT	oz	0.58	29.6000	17.17	_____
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_____
OPERATOR LABOR					
Tractors	hour	18.69	1.2529	23.42	_____
Self-Propelled	hour	18.69	0.1204	2.25	_____
HAND LABOR					
Implements	hour	9.06	0.1207	1.09	_____
Self-Propelled	hour	9.06	0.0602	0.51	_____
UNALLOCATED LABOR					
	hour	18.74	1.0986	20.59	_____
DIESEL FUEL					
Tractors	gal	2.86	13.5967	38.88	_____
Self-Propelled	gal	2.86	1.5342	4.41	_____
REPAIR & MAINTENANCE					
Implements	acre	14.59	1.0000	14.59	_____
Tractors	acre	11.96	1.0000	11.96	_____
Self-Propelled	acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	acre	15.29	1.0000	15.29	_____
TOTAL DIRECT EXPENSES				621.04	_____
FIXED EXPENSES					
Implements	acre	65.53	1.0000	65.53	_____
Tractors	acre	92.53	1.0000	92.53	_____
Self-Propelled	acre	18.04	1.0000	18.04	_____
TOTAL FIXED EXPENSES				176.10	_____
TOTAL SPECIFIED EXPENSES				797.14	_____

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 2.B Summary of estimated costs and returns per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8R 38" twin
 All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	2.2000	1045.00	_____

TOTAL INCOME				1045.00	_____
DIRECT EXPENSES					
FUNGICIDES	acre	104.40	1.0000	104.40	_____
HERBICIDES	acre	76.72	1.0000	76.72	_____
INSECTICIDES	acre	20.64	1.0000	20.64	_____
SEED/PLANTS	acre	172.50	1.0000	172.50	_____
ADJUVANTS	acre	17.40	1.0000	17.40	_____
CLEANING	acre	29.16	1.0000	29.16	_____
DRYING	acre	27.36	1.0000	27.36	_____
CUSTOM LIME	acre	17.11	1.0000	17.11	_____
INOCULANT	acre	17.17	1.0000	17.17	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.1809	1.60	_____
OPERATOR LABOR	hour	18.69	1.3733	25.67	_____
UNALLOCATED LABOR	hour	18.74	1.0986	20.59	_____
DIESEL FUEL	gal	2.86	15.1309	43.29	_____
REPAIR & MAINTENANCE	acre	28.81	1.0000	28.81	_____
INTEREST ON OP. CAP.	acre	15.29	1.0000	15.29	_____

TOTAL DIRECT EXPENSES				621.04	_____
RETURNS ABOVE DIRECT EXPENSES				423.96	_____
TOTAL FIXED EXPENSES				176.10	_____

TOTAL SPECIFIED EXPENSES				797.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				247.86	_____

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning

Table 2.C Estimated resource use for field operations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8R 38" twin
 All Areas, Mississippi, 2025

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	INPUT AMOUNT	POWER IMPLEMENT	POWER UNIT	ALLOC LABOR	UNALL LABOR
						-----hours-----				
Soil Test	acre			0.33	Apr	0.3330				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Apr			0.01	0.01	0.00
Glyphosate 3lbs a.e	pt					4.0000				
Lime (Spread)	ton			0.33	Apr	0.3330				
Bed-Rip/Disk Rigid	8R-38	MFWD 190	0.073	1.00	May		0.07	0.07	0.07	0.05
Peanut Ptl&PreTwin	8R-30/40	MFWD 225	0.120	1.00	May		0.12	0.12	0.24	0.09
Peanut Seed	lb					150.0000				
Optimize LIFT	oz					29.6000				
Admire Pro	oz					9.0000				
Abound	oz					12.0000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	May			0.01	0.01	0.00
Dual Magnum	pt					1.0000				
Valor SX	oz					3.0000				
Sprayer 600-825gal	90'	250hp	0.011	0.25	May			0.00	0.00	0.00
Acephate 90%	lb					0.1375				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jun			0.01	0.01	0.00
Convoy	oz					24.0000				
Bravo Weather Stick	pt					0.7500				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jun			0.01	0.01	0.00
Storm	pt					1.5000				
Cadre	oz					4.0000				
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jun			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Tebuconazole 3.6	oz					7.2000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jul			0.01	0.01	0.00
Elatus	oz					9.2000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jul			0.01	0.01	0.00
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jul			0.01	0.01	0.00
Select Max	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Jul			0.01	0.01	0.00
Provost Silver	oz					13.0000				
Sprayer 600-825gal	90'	250hp	0.011	1.00	Aug			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Peanut Dig/Invertor	6R-38	MFWD 190	0.124	1.00	Sep		0.12	0.12	0.12	0.09
Peanut Harvester	6R-38	MFWD 225	0.625	1.00	Sep		0.62	0.62	0.62	0.50
Dry Peanuts	ton					1.1400				
Cleaning Peanuts	ton					1.6200				
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
TOTALS							1.37	1.25	1.55	1.09

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

Soil test cost is prorated for a test every 3rd year.

Lime cost prorated for application every 3rd year.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 2.D Estimated costs for field operations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8R 38" twin
 All Areas, Mississippi, 2025

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						0.14	3.47		3.47
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.05	1.15	1.76	2.91
Glyphosate 3lbs a.e	pt	7.40						0.31	7.71		7.71
Lime (Spread)	ton	17.11						0.71	17.82		17.82
Bed-Rip/Disk Rigid	8R-38		2.04	0.84	2.46			0.18	5.52	6.24	11.76
Peanut Ptl&PreTwin	8R-30/40		4.00	6.98	5.16			0.55	16.69	23.42	40.11
Peanut Seed	lb	172.50						5.93	178.43		178.43
Optimize LIFT	oz	17.17						0.59	17.76		17.76
Admire Pro	oz	19.71						0.68	20.39		20.39
Abound	oz	15.48						0.53	16.01		16.01
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.04	1.14	1.76	2.90
Dual Magnum	pt	10.11						0.35	10.46		10.46
Valor SX	oz	9.18						0.32	9.50		9.50
Sprayer 600-825gal	90' 250hp		0.11	0.06	0.10			0.01	0.28	0.44	0.72
Acephate 90%	lb	0.93						0.03	0.96		0.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Convoy	oz	24.48						0.67	25.15		25.15
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Storm	pt	19.46						0.54	20.00		20.00
Cadre	oz	8.80						0.24	9.04		9.04
Butyrac 200 (2,4-DB)	pt	3.38						0.09	3.47		3.47
Crop Oil Conc.(Veg.)	pt	5.80						0.16	5.96		5.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Tebuconazole 3.6	oz	3.24						0.09	3.33		3.33
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Elatus	oz	33.58						0.69	34.27		34.27
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Butyrac 200 (2,4-DB)	pt	3.38						0.07	3.45		3.45
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Select Max	pt	15.01						0.31	15.32		15.32
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Provost Silver	oz	19.76						0.41	20.17		20.17
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Bravo Weather Stick	pt	2.62						0.04	2.66		2.66
Peanut Dig/Invertor	6R-38		3.47	2.47	4.18			0.07	10.19	11.30	21.49
Peanut Harvester	6R-38		20.70	12.34	21.03			0.37	54.44	89.38	143.82
Dry Peanuts	ton	27.36						0.19	27.55		27.55
Cleaning Peanuts	ton	29.16						0.20	29.36		29.36
Peanut Dump Cart	6-Row		8.67	3.92	10.43			0.16	23.18	27.72	50.90
TOTALS			485.79	43.29	28.81	47.86	0.00	15.29	621.04	176.10	797.14

Note: Cost of production estimates are based on 2024 input prices.
Fertilizer recommendations are based on the nutrients that the peanut crop removes.
Soil test cost is prorated for a test every 3rd year.
Lime cost prorated for application every 3rd year.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 2.E Estimated monthly income and expense flows per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8R 38" twin
 All Areas, Mississippi, 2025

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	1045.00
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.48	32.96	53.34	2.62	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.40	19.29	31.64	18.39	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.64	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.50	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	11.60	0.00	0.00
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.36
CUSTOM LIME	0.00	0.00	0.00	0.00	0.00	0.00	17.11	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	17.17	0.00	0.00	0.00	0.00
SOIL TEST	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.45	8.17	1.35	1.80	0.45	35.64
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	0.43	6.58	1.29	1.72	0.43	32.84
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.22	8.10	0.66	0.88	0.22	18.73
INTEREST ON OP. CAP.	0.00	0.00	0.00	0.00	0.00	0.00	1.21	9.21	2.02	1.80	0.06	0.99
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	30.15	277.14	75.72	89.53	3.78	144.72
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	-30.15	-277.14	-75.72	-89.53	-3.78	900.28
NET INCOME TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	-30.15	-307.29	-383.01	-472.54	-476.32	423.96

Note: Cost of production estimates are based on 2024 input prices.
Fertilizer recommendations are based on the nutrients that the peanut crop removes.
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.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.
 * Lease costs are based on hourly usage costs.

Table 2.F Estimated returns for various price/yield combinations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 8R 38" twin
 All Areas, Mississippi, 2025

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
Peanut Runner			356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75
PERCENT	YIELD	UNIT	dollars										
50	1.10	ton	-200 -376	-174 -350	-148 -324	-122 -298	-96 -272	-70 -246	-43 -220	-17 -193	8 -167	34 -141	60 -115
60	1.32	ton	-128 -304	-96 -272	-65 -241	-33 -210	-2 -178	28 -147	60 -116	91 -84	122 -53	154 -21	185 9
70	1.54	ton	-55 -231	-18 -194	17 -158	54 -121	90 -85	127 -48	164 -11	200 24	237 61	273 97	310 134
80	1.76	ton	17 -158	59 -116	100 -75	142 -33	184 8	226 50	268 92	309 133	351 175	393 217	435 259
90	1.98	ton	90 -86	137 -39	184 7	231 55	278 102	325 149	372 196	419 243	466 290	513 337	560 384
100	2.20	ton	162 -13	214 38	267 91	319 143	371 195	423 247	476 300	528 352	580 404	632 456	685 509
110	2.42	ton	235 59	292 116	350 174	407 231	465 289	522 346	580 404	637 461	695 519	752 576	810 634
120	2.64	ton	308 131	370 194	433 257	496 320	558 382	621 445	684 508	746 570	809 633	872 696	935 758
130	2.86	ton	380 204	448 272	516 340	584 408	652 476	720 544	788 612	856 680	924 748	992 815	1060 883
140	3.08	ton	453 277	526 350	599 423	672 496	746 569	819 643	892 716	965 789	1038 862	1111 935	1184 1008
150	3.30	ton	526 350	604 428	682 506	761 585	839 663	918 741	996 820	1074 898	1153 977	1231 1055	1309 1133

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 2024 input prices.

Table 3.A Estimated costs per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Abound	oz	1.29	12.0000	15.48	_____
Convoy	oz	1.02	24.0000	24.48	_____
Bravo Weather Stick	pt	3.49	2.2500	7.85	_____
Tebuconazole 3.6	oz	0.45	7.2000	3.24	_____
Elatus	oz	3.65	9.2000	33.58	_____
Provost Silver	oz	1.52	13.0000	19.76	_____
HERBICIDES					
Glyphosate 3lbs a.e	pt	1.85	4.0000	7.40	_____
Dual Magnum	pt	10.11	1.0000	10.11	_____
Valor SX	oz	3.06	3.0000	9.18	_____
Storm	pt	12.97	1.5000	19.46	_____
Cadre	oz	2.20	4.0000	8.80	_____
Butyrac 200 (2,4-DB)	pt	3.38	2.0000	6.76	_____
Select Max	pt	15.01	1.0000	15.01	_____
INSECTICIDES					
Admire Pro	oz	2.19	9.0000	19.71	_____
Acephate 90%	lb	6.75	0.1375	0.93	_____
SEED/PLANTS					
Peanut Seed	lb	1.15	150.0000	172.50	_____
ADJUVANTS					
Crop Oil Conc. (Veg.)	pt	2.90	6.0000	17.40	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.6200	29.16	_____
DRYING					
Dry Peanuts	ton	24.00	1.1400	27.36	_____
CUSTOM LIME					
Lime (Spread)	ton	51.39	0.3330	17.11	_____
INOCULANT					
Optimize LIFT	oz	0.58	14.8000	8.58	_____
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_____
OPERATOR LABOR					
Tractors	hour	18.69	1.1856	22.15	_____
Self-Propelled	hour	18.69	0.1204	2.25	_____
HAND LABOR					
Implements	hour	9.06	0.0804	0.73	_____
Self-Propelled	hour	9.06	0.0602	0.51	_____
UNALLOCATED LABOR					
	hour	18.73	1.0449	19.58	_____
DIESEL FUEL					
Tractors	gal	2.86	12.9499	37.03	_____
Self-Propelled	gal	2.86	1.5342	4.41	_____
REPAIR & MAINTENANCE					
Implements	acre	12.21	1.0000	12.21	_____
Tractors	acre	11.39	1.0000	11.39	_____
Self-Propelled	acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	acre	14.74	1.0000	14.74	_____
TOTAL DIRECT EXPENSES				604.46	_____
FIXED EXPENSES					
Implements	acre	59.87	1.0000	59.87	_____
Tractors	acre	88.16	1.0000	88.16	_____
Self-Propelled	acre	18.04	1.0000	18.04	_____
TOTAL FIXED EXPENSES				166.07	_____
TOTAL SPECIFIED EXPENSES				770.53	_____

Note: Cost of production estimates are based on 2024 input prices.
Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 3.B Summary of estimated costs and returns per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	2.2000	1045.00	_____

TOTAL INCOME				1045.00	_____
DIRECT EXPENSES					
FUNGICIDES	acre	104.40	1.0000	104.40	_____
HERBICIDES	acre	76.72	1.0000	76.72	_____
INSECTICIDES	acre	20.64	1.0000	20.64	_____
SEED/PLANTS	acre	172.50	1.0000	172.50	_____
ADJUVANTS	acre	17.40	1.0000	17.40	_____
CLEANING	acre	29.16	1.0000	29.16	_____
DRYING	acre	27.36	1.0000	27.36	_____
CUSTOM LIME	acre	17.11	1.0000	17.11	_____
INOCULANT	acre	8.58	1.0000	8.58	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.1406	1.24	_____
OPERATOR LABOR	hour	18.69	1.3061	24.40	_____
UNALLOCATED LABOR	hour	18.73	1.0449	19.58	_____
DIESEL FUEL	gal	2.86	14.4842	41.44	_____
REPAIR & MAINTENANCE	acre	25.86	1.0000	25.86	_____
INTEREST ON OP. CAP.	acre	14.74	1.0000	14.74	_____

TOTAL DIRECT EXPENSES				604.46	_____
RETURNS ABOVE DIRECT EXPENSES				440.54	_____
TOTAL FIXED EXPENSES				166.07	_____

TOTAL SPECIFIED EXPENSES				770.53	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				274.47	_____

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.

60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 3.C Estimated resource use for field operations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2025

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	Apr	0.3330				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Apr			0.01	0.01	0.00
Glyphosate 3lbs a.e	pt					4.0000				
Lime (Spread)	ton			0.33	Apr	0.3330				
Bed-Rip/Disk Fold.	12R-38	MFWD 225	0.046	1.00	May		0.04	0.04	0.04	0.03
Peanut Plt&Pre Fold.	12R-38	MFWD 225	0.080	1.00	May		0.08	0.08	0.16	0.06
Peanut Seed	lb					150.0000				
Optimize LIFT	oz					14.8000				
Admire Pro	oz					9.0000				
Abound	oz					12.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.00
Dual Magnum	pt					1.0000				
Valor SX	oz					3.0000				
Sprayer 600-825gal	90' 250hp		0.011	0.25	May			0.00	0.00	0.00
Acephate 90%	lb					0.1375				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Convoy	oz					24.0000				
Bravo Weather Stick	pt					0.7500				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Storm	pt					1.5000				
Cadre	oz					4.0000				
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Tebuconazole 3.6	oz					7.2000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Elatus	oz					9.2000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Select Max	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Provost Silver	oz					13.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Aug			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Peanut Dig/Invertor	6R-38	MFWD 190	0.124	1.00	Sep		0.12	0.12	0.12	0.09
Peanut Harvester	6R-38	MFWD 225	0.625	1.00	Sep		0.62	0.62	0.62	0.50
Dry Peanuts	ton					1.1400				
Cleaning Peanuts	ton					1.6200				
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
TOTALS							1.30	1.18	1.44	1.04

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

Soil test cost is prorated for a test every 3rd year.

Lime cost prorated for application every 3rd year.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 3.D Estimated costs for field operations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2025

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						0.14	3.47		3.47
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.05	1.15	1.76	2.91
Glyphosate 3lbs a.e	pt	7.40						0.31	7.71		7.71
Lime (Spread)	ton	17.11						0.71	17.82		17.82
Bed-Rip/Disk Fold.	12R-38		1.53	0.70	1.55			0.13	3.91	5.19	9.10
Peanut Plt&Pre Fold.	12R-38		2.66	4.17	3.43			0.35	10.61	14.44	25.05
Peanut Seed	lb	172.50						5.93	178.43		178.43
Optimize LIFT	oz	8.58						0.29	8.87		8.87
Admire Pro	oz	19.71						0.68	20.39		20.39
Abound	oz	15.48						0.53	16.01		16.01
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.04	1.14	1.76	2.90
Dual Magnum	pt	10.11						0.35	10.46		10.46
Valor SX	oz	9.18						0.32	9.50		9.50
Sprayer 600-825gal	90' 250hp		0.11	0.06	0.10			0.01	0.28	0.44	0.72
Acephate 90%	lb	0.93						0.03	0.96		0.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Convoy	oz	24.48						0.67	25.15		25.15
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Storm	pt	19.46						0.54	20.00		20.00
Cadre	oz	8.80						0.24	9.04		9.04
Butyrac 200 (2,4-DB)	pt	3.38						0.09	3.47		3.47
Crop Oil Conc.(Veg.)	pt	5.80						0.16	5.96		5.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Tebuconazole 3.6	oz	3.24						0.09	3.33		3.33
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Elatus	oz	33.58						0.69	34.27		34.27
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Butyrac 200 (2,4-DB)	pt	3.38						0.07	3.45		3.45
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Select Max	pt	15.01						0.31	15.32		15.32
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Provost Silver	oz	19.76						0.41	20.17		20.17
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Bravo Weather Stick	pt	2.62						0.04	2.66		2.66
Peanut Dig/Invertor	6R-38		3.47	2.47	4.18			0.07	10.19	11.30	21.49
Peanut Harvester	6R-38		20.70	12.34	21.03			0.37	54.44	89.38	143.82
Dry Peanuts	ton	27.36						0.19	27.55		27.55
Cleaning Peanuts	ton	29.16						0.20	29.36		29.36
Peanut Dump Cart	6-Row		8.67	3.92	10.43			0.16	23.18	27.72	50.90
TOTALS			477.20	41.44	25.86	45.22	0.00	14.74	604.46	166.07	770.53

Note: Cost of production estimates are based on 2024 input prices.
Fertilizer recommendations are based on the nutrients that the peanut crop removes.
Soil test cost is prorated for a test every 3rd year.
Lime cost prorated for application every 3rd year.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 3.E Estimated monthly income and expense flows per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2025

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	1045.00
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.48	32.96	53.34	2.62	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.40	19.29	31.64	18.39	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.64	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.50	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	11.60	0.00	0.00
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.36
CUSTOM LIME	0.00	0.00	0.00	0.00	0.00	0.00	17.11	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	8.58	0.00	0.00	0.00	0.00
SOIL TEST	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	0.00	0.00
LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.45	5.53	1.35	1.80	0.45	35.64
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	0.43	4.73	1.29	1.72	0.43	32.84
REPAIR & MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.22	5.15	0.66	0.88	0.22	18.73
INTEREST ON OP. CAP.	0.00	0.00	0.00	0.00	0.00	0.00	1.21	8.66	2.02	1.80	0.06	0.99
TOTAL DIRECT EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	30.15	260.56	75.72	89.53	3.78	144.72
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	-30.15	-260.56	-75.72	-89.53	-3.78	900.28
NET INCOME TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	-30.15	-290.71	-366.43	-455.96	-459.74	440.54

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

* Lease costs are based on hourly usage costs.

Table 3.F Estimated returns for various price/yield combinations, per acre
 Peanut - runner, 2.2 ton (4400 lb) yield, 12 row-38inch
 All Areas, Mississippi, 2025

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
Peanut Runner			356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75
PERCENT	YIELD	UNIT	dollars										
50	1.10	ton	-184 -350	-158 -324	-131 -297	-105 -271	-79 -245	-53 -219	-27 -193	-1 -167	24 -141	50 -115	77 -88
60	1.32	ton	-111 -277	-80 -246	-48 -214	-17 -183	13 -152	45 -120	76 -89	108 -58	139 -26	170 4	202 35
70	1.54	ton	-38 -204	-2 -168	34 -131	70 -95	107 -58	144 -21	180 14	217 51	253 87	290 124	326 160
80	1.76	ton	33 -132	75 -90	117 -48	159 -6	201 35	242 76	284 118	326 160	368 202	410 244	451 285
90	1.98	ton	106 -59	153 -12	200 34	247 81	294 128	341 175	388 222	435 269	482 316	529 363	576 410
100	2.20	ton	179 13	231 65	283 117	336 169	388 222	440 274	492 326	545 378	597 431	649 483	701 535
110	2.42	ton	251 85	309 143	366 200	424 258	481 315	539 373	596 430	654 488	711 545	769 603	826 660
120	2.64	ton	324 158	387 221	450 283	512 346	575 409	638 472	700 534	763 597	826 660	888 722	951 785
130	2.86	ton	397 231	465 299	533 367	601 435	669 502	736 570	804 638	872 706	940 774	1008 842	1076 910
140	3.08	ton	470 303	543 377	616 450	689 523	762 596	835 669	908 742	982 816	1055 889	1128 962	1201 1035
150	3.30	ton	542 376	621 455	699 533	777 611	856 690	934 768	1012 846	1091 925	1169 1003	1248 1082	1326 1160

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 2024 input prices.

Table 4.A Estimated costs per acre
 Peanut-runner, 2.5 ton (5,000 lb) yield, 12 row-38inch
 Furrow irrigated, All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FUNGICIDES					
Abound	oz	1.29	12.0000	15.48	_____
Convoy	oz	1.02	24.0000	24.48	_____
Bravo Weather Stick	pt	3.49	2.2500	7.85	_____
Tebuconazole 3.6	oz	0.45	7.2000	3.24	_____
Elatus	oz	3.65	9.2000	33.58	_____
Provost Silver	oz	1.52	13.0000	19.76	_____
HERBICIDES					
Glyphosate 3lbs a.e	pt	1.85	4.0000	7.40	_____
Dual Magnum	pt	10.11	1.0000	10.11	_____
Valor SX	oz	3.06	3.0000	9.18	_____
Storm	pt	12.97	1.5000	19.46	_____
Cadre	oz	2.20	4.0000	8.80	_____
Butyrac 200 (2,4-DB)	pt	3.38	2.0000	6.76	_____
Select Max	pt	15.01	1.0000	15.01	_____
INSECTICIDES					
Admire Pro	oz	2.19	9.0000	19.71	_____
Acephate 90%	lb	6.75	0.1375	0.93	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Peanut Seed	lb	1.15	150.0000	172.50	_____
ADJUVANTS					
Crop Oil Conc. (Veg.)	pt	2.90	6.0000	17.40	_____
CLEANING					
Cleaning Peanuts	ton	18.00	1.8700	33.66	_____
DRYING					
Dry Peanuts	ton	24.00	1.3200	31.68	_____
CUSTOM LIME					
Lime (Spread)	ton	51.39	0.3330	17.11	_____
INOCULANT					
Optimize LIFT	oz	0.58	14.8000	8.58	_____
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_____
OPERATOR LABOR					
Tractors	hour	18.69	1.2642	23.62	_____
Self-Propelled	hour	18.69	0.1204	2.25	_____
IRRIGATE LABOR					
Special Labor	hour	9.06	0.3250	2.96	_____
Implements	hour	9.06	0.0625	0.57	_____
HAND LABOR					
Implements	hour	9.06	0.0804	0.73	_____
Self-Propelled	hour	9.06	0.0602	0.51	_____
UNALLOCATED LABOR					
	hour	18.73	1.0449	19.58	_____
DIESEL FUEL					
Tractors	gal	2.86	13.6762	39.10	_____
Self-Propelled	gal	2.86	1.5342	4.41	_____
Irrigate Peanuts	gal	2.86	9.7755	27.96	_____
REPAIR & MAINTENANCE					
Implements	acre	12.46	1.0000	12.46	_____
Tractors	acre	11.98	1.0000	11.98	_____
Self-Propelled	acre	2.26	1.0000	2.26	_____
Irrigate Peanuts	acre	7.16	1.0000	7.16	_____
INTEREST ON OP. CAP.	acre	16.17	1.0000	16.17	_____

TOTAL DIRECT EXPENSES				665.66	_____
FIXED EXPENSES					
Implements	acre	61.88	1.0000	61.88	_____
Tractors	acre	92.80	1.0000	92.80	_____
Self-Propelled	acre	18.04	1.0000	18.04	_____
Irrigate Peanuts	acre	74.47	1.0000	74.47	_____

TOTAL FIXED EXPENSES				247.19	_____

TOTAL SPECIFIED EXPENSES				912.85	_____

Note: Cost of production estimates are based on 2024 input prices.
Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 4.B Summary of estimated costs and returns per acre
 Peanut-runner, 2.5 ton (5,000 lb) yield, 12 row-38inch
 Furrow irrigated, All Areas, Mississippi, 2025

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Peanut Runner	ton	475.00	2.5000	1187.50	_____

TOTAL INCOME				1187.50	_____
DIRECT EXPENSES					
FUNGICIDES	acre	104.40	1.0000	104.40	_____
HERBICIDES	acre	76.72	1.0000	76.72	_____
INSECTICIDES	acre	20.64	1.0000	20.64	_____
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_____
SEED/PLANTS	acre	172.50	1.0000	172.50	_____
ADJUVANTS	acre	17.40	1.0000	17.40	_____
CLEANING	acre	33.66	1.0000	33.66	_____
DRYING	acre	31.68	1.0000	31.68	_____
CUSTOM LIME	acre	17.11	1.0000	17.11	_____
INOCULANT	acre	8.58	1.0000	8.58	_____
SOIL TEST	acre	3.33	1.0000	3.33	_____
HAND LABOR	hour	9.06	0.1406	1.24	_____
IRRIGATE LABOR	hour	9.06	0.3875	3.53	_____
OPERATOR LABOR	hour	18.69	1.3846	25.87	_____
UNALLOCATED LABOR	hour	18.73	1.0449	19.58	_____
DIESEL FUEL	gal	2.86	24.9860	71.47	_____
REPAIR & MAINTENANCE	acre	33.86	1.0000	33.86	_____
INTEREST ON OP. CAP.	acre	16.17	1.0000	16.17	_____

TOTAL DIRECT EXPENSES				665.66	_____
RETURNS ABOVE DIRECT EXPENSES				521.84	_____
TOTAL FIXED EXPENSES				247.19	_____

TOTAL SPECIFIED EXPENSES				912.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				274.65	_____

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes. 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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 4.C Estimated resource use for field operations, per acre
 Peanut-runner, 2.5 ton (5,000 lb) yield, 12 row-38inch
 Furrow irrigated, All Areas, Mississippi, 2025

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	Apr	0.3330				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Apr			0.01	0.01	0.00
Glyphosate 3lbs a.e	pt					4.0000				
Lime (Spread)	ton			0.33	Apr	0.3330				
Bed-Rip/Disk Fold.	12R-38	MFWD 225	0.046	1.00	May		0.04	0.04	0.04	0.03
Peanut Plt&Pre Fold.	12R-38	MFWD 225	0.080	1.00	May		0.08	0.08	0.16	0.06
Peanut Seed	lb					150.0000				
Optimize LIFT	oz					14.8000				
Admire Pro	oz					9.0000				
Abound	oz					12.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	May			0.01	0.01	0.00
Dual Magnum	pt					1.0000				
Valor SX	oz					3.0000				
Sprayer 600-825gal	90' 250hp		0.011	0.25	May			0.00	0.00	0.00
Acephate 90%	lb					0.1375				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Convoy	oz					24.0000				
Bravo Weather Stick	pt					0.7500				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Storm	pt					1.5000				
Cadre	oz					4.0000				
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jun			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Tebuconazole 3.6	oz					7.2000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Elatus	oz					9.2000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Butyrac 200 (2,4-DB)	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Select Max	pt					1.0000				
Crop Oil Conc. (Veg.)	pt					2.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Jul			0.01	0.01	0.00
Provost Silver	oz					13.0000				
Sprayer 600-825gal	90' 250hp		0.011	1.00	Aug			0.01	0.01	0.00
Bravo Weather Stick	pt					0.7500				
Peanut Dig/Invertor	6R-38	MFWD 190	0.124	1.00	Sep		0.12	0.12	0.12	0.09
Peanut Harvester	6R-38	MFWD 225	0.625	1.00	Sep		0.62	0.62	0.62	0.50
Dry Peanuts	ton					1.3200				
Cleaning Peanuts	ton					1.8700				
Peanut Dump Cart	6-Row	MFWD 190	0.310	1.00	Sep		0.31	0.31	0.31	0.24
Irrigate Peanuts	acre				Jan	1.0000	0.07	0.07	0.46	
TOTALS							1.38	1.26	1.91	1.04

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

Soil test cost is prorated for a test every 3rd year.

Lime cost prorated for application every 3rd year.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

Table 4.D Estimated costs for field operations, per acre
 Peanut-runner, 2.5 ton (5,000 lb) yield, 12 row-38inch
 Furrow irrigated, All Areas, Mississippi, 2025

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						0.14	3.47		3.47
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.05	1.15	1.76	2.91
Glyphosate 3lbs a.e	pt	7.40						0.31	7.71		7.71
Lime (Spread)	ton	17.11						0.71	17.82		17.82
Bed-Rip/Disk Fold.	12R-38		1.53	0.70	1.55			0.13	3.91	5.19	9.10
Peanut Plt&Pre Fold.	12R-38		2.66	4.17	3.43			0.35	10.61	14.44	25.05
Peanut Seed	lb	172.50						5.93	178.43		178.43
Optimize LIFT	oz	8.58						0.29	8.87		8.87
Admire Pro	oz	19.71						0.68	20.39		20.39
Abound	oz	15.48						0.53	16.01		16.01
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.04	1.14	1.76	2.90
Dual Magnum	pt	10.11						0.35	10.46		10.46
Valor SX	oz	9.18						0.32	9.50		9.50
Sprayer 600-825gal	90' 250hp		0.11	0.06	0.10			0.01	0.28	0.44	0.72
Acephate 90%	lb	0.93						0.03	0.96		0.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Convoy	oz	24.48						0.67	25.15		25.15
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Storm	pt	19.46						0.54	20.00		20.00
Cadre	oz	8.80						0.24	9.04		9.04
Butyrac 200 (2,4-DB)	pt	3.38						0.09	3.47		3.47
Crop Oil Conc.(Veg.)	pt	5.80						0.16	5.96		5.96
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.03	1.13	1.76	2.89
Bravo Weather Stick	pt	2.62						0.07	2.69		2.69
Tebuconazole 3.6	oz	3.24						0.09	3.33		3.33
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Elatus	oz	33.58						0.69	34.27		34.27
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Butyrac 200 (2,4-DB)	pt	3.38						0.07	3.45		3.45
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Select Max	pt	15.01						0.31	15.32		15.32
Crop Oil Conc.(Veg.)	pt	5.80						0.12	5.92		5.92
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Provost Silver	oz	19.76						0.41	20.17		20.17
Sprayer 600-825gal	90' 250hp		0.43	0.22	0.45			0.02	1.12	1.76	2.88
Bravo Weather Stick	pt	2.62						0.04	2.66		2.66
Peanut Dig/Invertor	6R-38		3.47	2.47	4.18			0.07	10.19	11.30	21.49
Peanut Harvester	6R-38		20.70	12.34	21.03			0.37	54.44	89.38	143.82
Dry Peanuts	ton	31.68						0.22	31.90		31.90
Cleaning Peanuts	ton	33.66						0.23	33.89		33.89
Peanut Dump Cart	6-Row		8.67	3.92	10.43			0.16	23.18	27.72	50.90
Irrigate Peanuts	acre	7.92	30.03	8.00	5.00			1.37	52.32	81.12	133.44
TOTALS		493.94	71.47	33.86	50.22	0.00	16.17	665.66	247.19	912.85	

Note: Cost of production estimates are based on 2024 input prices.
Fertilizer recommendations are based on the nutrients that the peanut crop removes.
Soil test cost is prorated for a test every 3rd year.
Lime cost prorated for application every 3rd year.
 60% of all peanuts harvested need drying.
 85% of all peanuts harvested need cleaning.

Table 4.E Estimated monthly income and expense flows per acre
 Peanut-runner, 2.5 ton (5,000 lb) yield, 12 row-38inch
 Furrow irrigated, All Areas, Mississippi, 2025

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	1187.50
DIRECT EXPENSES												
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.48	32.96	53.34	2.62	0.00
HERBICIDES	0.00	0.00	0.00	0.00	0.00	0.00	7.40	19.29	31.64	18.39	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.64	0.00	0.00	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.50	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.80	11.60	0.00	0.00
CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.66
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.68
CUSTOM LIME	0.00	0.00	0.00	0.00	0.00	0.00	17.11	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	8.58	0.00	0.00	0.00	0.00
SOIL TEST	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	0.00	0.00
LABOR	0.71	0.00	0.00	0.00	0.00	0.00	0.68	7.98	1.58	2.26	1.37	35.64
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	1.06	0.00	0.00	0.00	0.00	0.00	0.43	5.27	8.28	15.70	7.89	32.84
REPAIR & MAINTENANCE	0.42	0.00	0.00	0.00	0.00	0.00	0.22	8.33	1.71	2.98	1.47	18.73
INTEREST ON OP. CAP.	0.18	0.00	0.00	0.00	0.00	0.00	1.22	9.14	2.25	2.14	0.19	1.05
TOTAL DIRECT EXPENSES	2.37	0.00	0.00	0.00	0.00	0.00	30.39	275.13	84.22	106.41	13.54	153.60
NET INCOME	-2.37	0.00	0.00	0.00	0.00	0.00	-30.39	-275.13	-84.22	-106.41	-13.54	1033.90
NET INCOME TO DATE	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-32.76	-307.89	-392.11	-498.52	-512.06	521.84

Note: Cost of production estimates are based on 2024 input prices.

Fertilizer recommendations are based on the nutrients that the peanut crop removes.

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.

60% of all peanuts harvested need drying.

85% of all peanuts harvested need cleaning.

* Lease costs are based on hourly usage costs.

Table 4.F Estimated returns for various price/yield combinations, per acre
 Peanut-runner, 2.5 ton (5,000 lb) yield, 12 row-38inch
 Furrow irrigated, All Areas, Mississippi, 2025

PRODUCT	PERCENT												
	75	80	85	90	95	100	105	110	115	120	125		
PRODUCT PRICE													
Peanut Runner	356.25	380.00	403.75	427.50	451.25	475.00	498.75	522.50	546.25	570.00	593.75		
PERCENT	YIELD	UNIT	dollars										
50	1.25	ton	-187 -434	-157 -404	-128 -375	-98 -345	-68 -315	-39 -286	-9 -256	20 -226	50 -197	79 -167	109 -137
60	1.50	ton	-104 -352	-69 -316	-33 -280	1 -245	37 -209	73 -174	108 -138	144 -102	180 -67	215 -31	251 4
70	1.75	ton	-22 -269	19 -228	60 -186	102 -144	143 -103	185 -61	226 -20	268 21	310 62	351 104	393 145
80	2.00	ton	59 -187	107 -139	154 -92	202 -44	249 2	297 50	344 97	392 145	439 192	487 240	534 287
90	2.25	ton	142 -104	195 -51	249 2	302 55	356 109	409 162	463 215	516 269	569 322	623 376	676 429
100	2.50	ton	224 -22	284 37	343 96	403 155	462 215	521 274	581 334	640 393	699 452	759 512	818 571
110	2.75	ton	307 60	372 125	438 190	503 256	568 321	634 386	699 452	764 517	829 582	895 648	960 713
120	3.00	ton	389 142	461 213	532 285	603 356	674 427	746 498	817 570	888 641	959 712	1031 783	1102 855
130	3.25	ton	472 225	549 302	626 379	703 456	781 533	858 611	935 688	1012 765	1089 842	1167 919	1244 997
140	3.50	ton	554 307	638 390	721 473	804 557	887 640	970 723	1053 806	1136 889	1219 972	1303 1055	1386 1138
150	3.75	ton	637 390	726 479	815 568	904 657	993 746	1082 835	1171 924	1260 1013	1349 1102	1438 1191	1528 1280

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 2024 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, 2025

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	18.69	39.01	48.22	105.92	230.93	336.86
Combine (300-349 hp)	325 hp	538,000	300	8	16.73	18.69	47.84	56.04	122.57	268.33	390.91
Combine (350-399 hp)	355 hp	556,000	300	8	18.27	18.69	52.25	57.91	128.85	277.31	406.17
Combine (400-449 hp)	425 hp	562,000	300	8	21.87	18.69	62.56	58.54	139.79	280.30	420.10
Combine (450-499hp)	475 hp	592,000	300	8	24.44	18.69	69.92	61.66	150.28	295.27	445.55
Tractor(20-39hp)CB	MFWD 30	38,500	600	8	1.54	18.69	4.41	1.20	24.30	9.00	33.31
Tractor(20-39hp)RB	MFWD 30	28,100	600	8	1.54	18.69	4.41	0.87	23.98	6.57	30.55
Tractor(40-59hp)CB	2WD 50	39,900	600	8	2.57	18.69	7.36	1.24	27.29	9.33	36.63
Tractor(40-59hp)CB	MFWD 50	50,600	600	8	2.57	18.69	7.36	1.58	27.63	11.84	39.47
Tractor(40-59hp)RB	2WD 50	29,100	600	8	2.57	18.69	7.36	0.90	26.95	6.80	33.76
Tractor(40-59hp)RB	MFWD 50	33,800	600	8	2.57	18.69	7.36	1.05	27.10	7.90	35.01
Tractor(60-89hp)CB	2WD 75	69,500	600	8	3.86	18.69	11.04	2.17	31.90	16.26	48.16
Tractor(60-89hp)CB	MFWD 75	79,000	600	8	3.86	18.69	11.04	2.46	32.19	18.48	50.68
Tractor(60-89hp)RB	2WD 75	60,100	600	8	3.86	18.69	11.04	1.87	31.60	14.06	45.67
Tractor(60-89hp)RB	MFWD 75	53,400	600	8	3.86	18.69	11.04	1.66	31.39	12.49	43.89
Tractor(90-119hp)CB	2WD 105	96,900	600	8	5.40	18.69	15.45	3.02	37.17	22.67	59.84
Tractor(90-119hp)CB	MFWD 105	109,900	600	8	5.40	18.69	15.45	3.43	37.58	25.71	63.29
Tractor(90-119hp)RB	2WD 105	91,600	600	8	5.40	18.69	15.45	2.86	37.00	21.43	58.44
Tractor(90-119hp)RB	MFWD 105	97,400	600	8	5.40	18.69	15.45	3.04	37.19	22.79	59.98
Tractor(120-139hp)CB	2WD 130	127,900	600	8	6.69	18.69	19.13	3.99	41.82	29.92	71.75
Tractor(120-139hp)CB	MFWD 130	165,700	600	8	6.69	18.69	19.13	5.17	43.00	38.77	81.77
Tractor(140-159hp)	2WD 150	152,300	600	8	7.72	18.69	22.08	4.75	45.53	35.63	81.16
Tractor(140-159hp)CB	MFWD 150	179,700	600	8	7.72	18.69	22.08	5.61	46.38	42.04	88.43
Tractor(160-179hp)CB	MFWD 170	217,000	600	8	8.75	18.69	25.02	6.78	50.49	52.44	102.94
Tractor(180-199hp)CB	MFWD 190	274,000	600	8	9.77	18.69	27.97	8.56	55.22	66.22	121.44
Tractor(200-249hp)CB	MFWD 225	327,000	600	8	11.58	18.69	33.12	10.21	62.03	79.03	141.06
Tractor(250-349hp)CB	4WD 300	452,000	600	8	15.44	18.69	44.16	14.12	76.97	109.24	186.22
Tractor(250-349hp)CB	MFWD 300	392,000	600	8	15.44	18.69	44.16	12.25	75.10	94.74	169.84
Tractor(250-349hp)CB	Track 300	329,000	600	8	15.44	18.69	44.16	10.28	73.13	79.51	152.65
Tractor(350-449hp)	Track 400	635,000	600	8	20.58	18.69	58.88	19.84	97.41	153.47	250.89
Tractor(350-449hp)CB	4WD 400	501,000	600	8	20.58	18.69	58.88	15.65	93.23	121.08	214.31
Tractor(450-550hp)CB	4WD 500	577,000	600	8	25.73	18.69	73.60	18.03	110.32	139.45	249.78
Tractor(450-550hp)CB	Track 500	683,000	600	8	25.73	18.69	73.60	21.34	113.63	165.07	278.71
Utility Vehicle	800 CC	12,200	200	8	0.70	18.69	2.07	1.90	22.66	9.12	31.79
Utility Vehicle	900 CC	18,700	200	8	1.00	18.69	2.96	2.92	24.57	13.99	38.56

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, 2025

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	7.15	9.48	10.79	27.43	51.68	79.12
Cotton Picker	4R-38 (350)	351,000	200	8	18.01	0.257	7.15	13.28	14.13	34.57	67.69	102.26
Cotton Picker	4R2x1 (350)	357,000	200	8	18.01	0.172	4.78	8.87	9.61	23.27	46.02	69.29
Cotton Picker	6R-30 (355)	465,000	200	8	18.27	0.218	6.05	11.40	15.85	33.31	75.92	109.24
Cotton Picker	6R-38 (355)	465,000	200	8	18.27	0.172	4.78	9.00	12.51	26.30	59.94	86.25
Cotton Picker/Modu	4R-38 (365)	536,000	200	8	20.58	0.257	7.15	15.17	21.58	43.92	103.37	147.29
Cotton Picker/Module	6R-30 (500)	1,081,000	200	8	25.73	0.218	6.05	16.06	36.86	58.98	176.51	235.49
Cotton Picker/Module	6R-38 (500)	1,084,000	200	8	25.73	0.172	4.78	12.68	29.18	46.64	139.74	186.39
Dry Applicator SP	70'300cuft	491,000	350	8	16.98	0.015	0.35	0.73	0.39	1.48	3.17	4.65
Sprayer 600-750gal	60' 175hp	216,000	350	8	9.00	0.017	0.40	0.45	0.20	1.06	1.62	2.69
Sprayer 600-825gal	80' 175hp	273,000	350	8	11.81	0.013	0.30	0.44	0.19	0.94	1.54	2.48
Sprayer 600-825gal	90' 250hp	351,000	350	8	12.73	0.011	0.27	0.42	0.22	0.92	1.76	2.68
Sprayer 800gal	100' 250hp	383,000	350	8	14.15	0.010	0.24	0.42	0.21	0.89	1.73	2.62
Sprayer 800gal	80' 250hp	287,000	350	8	12.86	0.013	0.30	0.48	0.20	0.99	1.62	2.61
Sprayer 1000-1400gal	90' 275hp	381,000	350	8	14.15	0.010	0.24	0.42	0.21	0.88	1.72	2.61
Sprayer 1000gal	100' 300hp	528,000	350	8	15.44	0.010	0.24	0.46	0.29	1.01	2.38	3.40
Sprayer 1200+gal	120' 300hp	519,000	350	8	15.44	0.008	0.20	0.38	0.24	0.83	1.95	2.79

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, 2025 (continued)

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed---		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Row Cond Rigid	21'	2WD 170	21,200	100	10	0.073	1.38	1.85	0.39	0.27	3.89	2.07	2.12	8.09
Row Cond Rigid	26'	MFWD 190	23,600	100	10	0.059	1.11	1.67	0.35	0.51	3.65	1.86	3.95	9.46
Row Cond./Roll-Fol	30'	MFWD 190	69,000	160	10	0.062	1.16	1.74	1.07	0.53	4.52	3.56	4.13	12.23
Row Cond./Roll-Fold.	26'	MFWD 190	38,000	160	10	0.072	1.34	2.01	0.68	0.61	4.66	2.26	4.77	11.70
Row Cond./Roll-Fold.	40'	MFWD 225	57,100	160	10	0.046	0.87	1.55	0.66	0.47	3.57	2.21	3.70	9.49
Row Cond./Roll-Rig	21'	MFWD 190	38,400	160	10	0.089	1.66	2.49	0.85	0.76	5.78	2.83	5.91	14.53
Row Cond./Roll-Rig	26'	MFWD 190	42,300	160	10	0.072	1.34	2.01	0.76	0.61	4.74	2.52	4.77	12.04
Spin Spreader	5 ton	MFWD 190	14,500	100	8	0.042	1.16	1.17	0.34	0.36	3.04	0.85	2.78	6.69
Spray (ATV Ropewick)	75"	800 CC	730	200	8	0.260	6.04	0.53	0.08	0.49	7.17	0.13	2.37	9.67
Spray (ATV)	20'	800 CC	1,440	200	8	0.084	1.96	0.17	0.05	0.16	2.35	0.08	0.77	3.21
Spray (Band)	27' Fold	MFWD 170	5,810	200	8	0.062	1.45	1.56	0.17	0.42	3.61	0.25	3.28	7.16
Spray (Band)	40' Fold	MFWD 170	10,350	200	8	0.042	0.98	1.05	0.20	0.28	2.53	0.30	2.21	5.05
Spray (Band)	50' Fold	MFWD 170	9,670	200	8	0.033	0.78	0.84	0.15	0.22	2.01	0.22	1.77	4.02
Spray (Band)	60' Fold	MFWD 170	18,600	200	8	0.028	0.65	0.70	0.24	0.19	1.79	0.36	1.47	3.64
Spray (Bcast/HB)	13' Rigid	MFWD 150	9,170	200	8	0.130	3.02	2.87	0.55	0.73	7.18	0.83	5.47	13.49
Spray (Bcast/HB)	20' Rigid	MFWD 150	10,700	200	8	0.084	1.96	1.86	0.42	0.47	4.73	0.63	3.55	8.92
Spray (Bcast/HB)	27' Fold	MFWD 170	13,600	200	8	0.062	1.45	1.56	0.39	0.42	3.84	0.59	3.28	7.73
Spray (Bcast/HB)	27' Rigid	MFWD 170	12,600	200	8	0.062	1.45	1.56	0.37	0.42	3.81	0.55	3.28	7.66
Spray (Bcast/HB)	30' Fold	MFWD 170	19,400	200	8	0.056	1.30	1.41	0.51	0.38	3.61	0.76	2.95	7.34
Spray (Bcast/HB)	40' Fold	MFWD 170	23,200	200	8	0.042	0.98	1.05	0.46	0.28	2.78	0.68	2.21	5.69
Spray (Broadcast)	27'	MFWD 170	5,810	200	8	0.062	1.45	1.56	0.17	0.42	3.61	0.25	3.28	7.16
Spray (Broadcast)	40'	MFWD 170	10,350	200	8	0.042	0.98	1.05	0.20	0.28	2.53	0.30	2.21	5.05
Spray (Broadcast)	50'	MFWD 170	9,670	200	8	0.033	0.78	0.84	0.15	0.22	2.01	0.22	1.77	4.02
Spray (Broadcast)	60'	MFWD 170	18,600	200	8	0.028	0.65	0.70	0.24	0.19	1.79	0.36	1.47	3.64
Spray (Direct/Hood)	8R-30	MFWD 170	19,800	200	8	0.084	1.96	2.11	0.78	0.57	5.44	1.17	4.43	11.05
Spray (Direct/Hood)	8R-38	MFWD 170	20,600	200	8	0.066	1.55	1.67	0.64	0.45	4.32	0.96	3.50	8.80
Spray (Direct/Hood)	12R-30	MFWD 170	27,100	200	8	0.056	1.30	1.41	0.71	0.38	3.82	1.07	2.95	7.85
Spray (Direct/Hood)	12R-38	MFWD 170	28,200	200	8	0.044	1.03	1.11	0.58	0.30	3.03	0.88	2.33	6.25
Spray (Direct/Layby)	8R-30	MFWD 170	19,500	200	8	0.084	1.96	2.11	0.77	0.57	5.42	1.15	4.43	11.02
Spray (Direct/Layby)	8R-38	MFWD 170	19,500	200	8	0.066	1.55	1.67	0.61	0.45	4.29	0.91	3.50	8.71
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	29,500	200	8	0.044	1.03	1.11	0.61	0.30	3.06	0.92	2.33	6.32
Spray (Direct/Layby)	12R-30	MFWD 170	29,500	200	8	0.056	1.30	1.41	0.78	0.38	3.88	1.16	2.95	8.01
Spray (Direct/Layby)	12R-38	MFWD 170	29,500	200	8	0.044	1.03	1.11	0.61	0.30	3.06	0.92	2.33	6.32
Spray (Direct/Layby)	16R-20/30	MFWD 225	34,600	200	8	0.062	1.45	2.07	1.01	0.64	5.18	1.52	4.95	11.66
Spray (Levee Leaper)	50'	MFWD 225	22,200	200	8	0.033	0.78	1.12	0.35	0.34	2.60	0.52	2.67	5.80
Spray (Pull Type)	60'	MFWD 225	75,100	200	8	0.028	0.65	0.93	0.99	0.28	2.87	1.48	2.22	6.58
Spray (Pull Type)	80'	MFWD 225	69,400	200	8	0.021	0.49	0.70	0.68	0.21	2.09	1.03	1.67	4.79
Spray (Pull Type)	90'	MFWD 225	70,400	200	8	0.018	0.43	0.62	0.62	0.19	1.87	0.92	1.48	4.28
Spray (Pull Type)	120'	MFWD 225	127,000	200	8	0.014	0.32	0.46	0.83	0.14	1.77	1.25	1.11	4.14
Spray (Ropewick)	20'	MFWD 190	3,630	200	8	0.084	1.96	2.36	0.14	0.72	5.20	0.21	5.60	11.01
Spray (Spot)	27'	MFWD 170	5,810	200	8	0.062	1.45	1.56	0.17	0.42	3.61	0.25	3.28	7.16
Spray (Spot)	40'	MFWD 170	10,350	200	8	0.042	0.98	1.05	0.20	0.28	2.53	0.30	2.21	5.05
Spray (Spot)	50'	MFWD 170	9,670	200	8	0.033	0.78	0.84	0.15	0.22	2.01	0.22	1.77	4.02
Spray (Spot)	60'	MFWD 225	18,600	200	8	0.028	0.65	0.93	0.24	0.28	2.12	0.36	2.22	4.72
Stalk Shredder	14'	MFWD 150	37,500	200	10	0.117	2.20	2.60	3.86	0.66	9.33	2.92	4.95	17.21
Stalk Shredder Flex	20'	MFWD 150	33,100	200	10	0.082	1.54	1.82	2.38	0.46	6.21	1.80	3.46	11.49
Stalk Shredder-Flail	12'	MFWD 150	32,200	200	10	0.137	2.56	3.03	3.87	0.77	10.25	2.92	5.78	18.96
Stalk Shredder-Flail	15'	MFWD 150	35,700	200	10	0.110	2.05	2.42	3.43	0.61	8.53	2.59	4.62	15.75
Stalk Shredder-Flail	18'	MFWD 150	53,400	200	10	0.091	1.71	2.02	4.28	0.51	8.53	3.23	3.85	15.62
Stalk Shredder-Flail	20'	MFWD 150	47,500	200	10	0.082	1.54	1.82	3.42	0.46	7.25	2.59	3.46	13.31
Stalk Shredder-Flail	25'	MFWD 150	72,200	200	10	0.066	1.23	1.45	4.16	0.37	7.23	3.14	2.77	13.15
Strip Till	8R-38	MFWD 225	71,400	150	10	0.061	1.15	2.04	1.90	0.62	5.72	3.87	4.87	14.47
Strip Till	12R-30	MFWD 225	121,000	150	10	0.061	1.15	2.04	3.23	0.62	7.05	6.57	4.87	18.49
Strip Till	12R-40	MFWD 225	122,000	150	10	0.046	0.86	1.53	2.44	0.47	5.31	4.96	3.65	13.93
Subsoiler	3 shank	MFWD 190	6,140	100	15	0.204	3.81	5.71	0.41	1.74	11.70	1.37	13.53	26.61
Subsoiler	4 shank	MFWD 225	15,100	100	15	0.153	2.87	5.08	0.77	1.56	10.30	2.54	12.14	24.99
Subsoiler	5 shank	MFWD 225	18,600	100	15	0.122	2.28	4.05	0.75	1.25	8.34	2.49	9.67	20.51
Subsoiler low-till	6 shank	MFWD 225	28,200	100	15	0.102	1.90	3.38	0.96	1.04	7.29	3.16	8.07	18.53
Subsoiler low-till	8 shank	MFWD 225	25,700	100	15	0.076	1.43	2.53	0.65	0.78	5.40	2.15	6.04	13.61

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, 2025

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS			Avaris	oz	1.96
Agri-Dex	pt	4.03	Avicta 500 Soybean	oz	2.14
AMS SuperMax	pt	3.81	Bravo Weather Stick	pt	3.49
Class Act NG	pt	5.00	Captan 4L	pt	4.50
Crop Oil Conc.(Pet.)	pt	2.86	Convoy	oz	1.02
Crop Oil Conc.(Veg.)	pt	2.90	Cotton Seed Trt.	acre	20.00
Dyne-A-Pak	pt	4.17	CruiserMaxx Vibrance	oz	4.46
Fire-Zone	pt	5.33	Elatus	oz	3.65
Herbimax	pt	2.75	Flint Extra	oz	10.11
Induce	pt	4.27	Headline EC	oz	1.32
MSO	pt	3.50	Miravis Ace	oz	1.48
Penetrator Plus	pt	2.18	Miravis Top	oz	1.46
Surfactant	pt	3.30	Priaxor Xemium	oz	4.26
CLEANING			Propimax EC	pt	18.20
Cleaning Peanuts	ton	18.00	Prosaro	oz	1.81
CROP CONSULTANT			Provost Optimum	oz	2.17
Corn Consultant	acre	6.00	Provost Silver	oz	1.52
Cotton Consultant	acre	8.00	Quadris	oz	1.70
Peanut Consultant	acre	9.25	Quadris Top	oz	3.20
Rice Consultant	acre	8.00	Quadris Top SBX	oz	3.68
Sorghum Consultant	acre	6.00	Quilt	pt	4.00
Soybeans Consultant	acre	6.50	Quilt XCEL	pt	26.69
Wheat Consultant	acre	5.50	Stratego	pt	22.50
CUSTOM FERTILIZE			Stratego YLD	oz	3.32
App Fert by Air	cwt	13.60	Tilt 3.6 EC	oz	0.87
App Fert by Air(Mi)	appl	13.60	Tilt/ Bravo SE	oz	0.87
Custom Apply Fert	acre	9.00	Trivapro	oz	1.47
CUSTOM LIME			GINNING		
Lime (Spread)	ton	51.39	Gin & Haul	lb	0.11
CUSTOM PLANT			GROWTH REGULATORS		
Custom Plant	acre	7.50	Mepex	oz	0.09
Custom Plant Air	cwt	8.43	Mepichlor 4.2%	oz	0.09
CUSTOM SPRAY			Mepiquat	oz	0.05
App by Air (3 gal)	appl	7.50	Mepstar 6	oz	0.53
App by Air (5 gal)	appl	8.05	Palisade	oz	1.48
App by Air (10 gal)	appl	9.50	Pentia	oz	0.41
Custom Spray Ground	acre	8.65	Pix WSG	oz	1.16
DRYING			Stance	oz	1.50
Dry Corn	bu	0.19	Veto	oz	0.07
Dry Grain Sorghum	cwt	0.25	HARVEST AIDS		
Dry Peanuts	ton	24.00	Adios	oz	0.99
Dry Rice	bu	0.40	Boll Buster	oz	0.34
ERADICATION FEE			Def/Folex	pt	7.75
Eradication	acre	1.00	Defol 5	gal	8.40
FERTILIZERS			Display	oz	10.59
Agrotain Ultra	pt	12.50	Ethephon 6E	pt	4.76
Amm Sulfate (21% N)	cwt	22.40	Finish 6	pt	11.17
Boron Plus	pt	3.77	Folex 6EC	pt	7.75
DAP	cwt	36.68	Freefall SC	oz	1.09
Fert 10-34-0	cwt	33.00	Ginstar EC	pt	29.72
Fert 10-34-0	gal	3.85	Gramoxone SL	oz	0.32
Fert 11-37-0	cwt	33.00	Sharpen	oz	7.46
Fert 41-0-0-4	cwt	38.00	Sodium Chlorate 5L	gal	8.40
Lime	ton	41.39	SuperBoll	oz	0.33
NBPT	pt	18.00	Thidiazuron 4lb	oz	1.09
Phosphorus(46% P2O5)	cwt	29.10	Tribufos 6lb	pt	14.70
Potash (60% K2O)	cwt	27.09	Vacate	oz	1.39
Sulfur Plus	pt	2.62	HAULING		
UAN (32% N)	cwt	21.78	Haul Corn	bu	0.31
UAN (32%)	gal	2.41	Haul Peanuts	ton	14.50
UAN + Sulfur (28%)	cwt	24.80	Haul Rice	bu	0.30
UAN + Sulfur (28%)	gal	2.76	Haul Sorghum	bu	0.35
Urea, Solid (46% N)	cwt	25.98	Haul Soybeans	bu	0.29
Zinc Plus	pt	3.63	Haul Wheat	bu	0.30
FUNGICIDES			HERBICIDES		
Abound	oz	1.29	2,4-D Amine 4	pt	2.23
Alfa Guard	lb	1.67	2,4-D Ester	pt	3.14
Allegiance Flowabl	oz	6.33	AAtrex 4L	pt	2.98
Ameristar Top	oz	2.76	Accent Q	oz	24.48
Approach Prima	pt	34.65	Acuron	oz	0.57
Apron Maxx RTA	oz	1.01	Aim	oz	7.34
Artisan	oz	0.70			

(continued)

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2025 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Aim 2EC	oz	7.34	Halomax	oz	21.28
Anthem Flex	oz	6.68	Harmony Extra SG	oz	14.64
Anthem Maxx	oz	4.79	Helmet	oz	0.61
Armezon Pro	oz	1.22	HighCard	oz	1.14
Atrazine 4L	pt	2.18	Huskie	oz	0.91
Atrazine 90DF	lb	4.32	Impact	oz	16.26
Authority First	lb	48.45	Intimidator	oz	0.64
Authority Elite	pt	14.50	Leadoff	oz	6.55
Authority Maxx	lb	43.48	League	oz	4.61
Authority MTZ	lb	19.75	Lexar	pt	5.16
Avatar	pt	8.04	Liberty 280	oz	0.46
Avenger	pt	13.75	Loyant	oz	2.64
Axial XL	oz	1.71	Makaze	oz	0.17
Axiom	oz	2.25	Metolachlor	pt	5.66
Banvel	pt	3.86	Metribuzin 4L	pt	12.60
Barrage	pt	3.83	Metribuzin 75	lb	9.05
Basagran	pt	5.43	MSMA	pt	3.97
Boundary	pt	10.19	Newpath	oz	4.50
Brake	oz	1.39	Obey	oz	1.12
Broadaxe	pt	13.50	Osprey	oz	4.70
Broadhead	lb	58.21	Outlook	pt	14.94
Bucaneer Plus	pt	2.16	Panther Pro	oz	3.46
Buctril	pt	4.28	Parallel	pt	4.52
Butyrac 200 (2,4-DB)	pt	3.38	Paraquat	oz	0.13
Cadre	oz	2.20	Parazone 3SL	oz	0.61
Callisto	oz	2.99	Permit	oz	23.42
Canopy	oz	3.25	Permit Plus	oz	23.86
Caparol	pt	5.00	PowerFlex	oz	8.02
Capreno	oz	4.10	Preface	oz	0.55
Cinch	pt	14.18	Prefix	pt	7.54
Cinch ATZ	pt	6.26	Provisia	oz	0.92
Clarity	pt	15.00	Prowl 3.3 EC	pt	6.63
Classic	oz	20.19	Quelex	oz	9.52
Clearpath	oz	4.46	RealmQ	oz	4.97
Clethodim 2E	oz	0.23	RebelEx	oz	2.23
Clincher SF	oz	2.69	Reflex	pt	8.18
Cobra	oz	0.75	Regiment	oz	48.18
Command 3ME	pt	14.95	Resicore	oz	0.41
Corvus	oz	6.07	Resource	oz	2.30
Cotoran	pt	7.34	RiceBeaux	pt	6.72
Cotton Pro	pt	3.45	Riceshot	pt	4.68
Dicamba	pt	4.20	Ricestar HT	pt	27.50
Direx	pt	3.22	Ringside	pt	5.44
Diuron	pt	3.09	Roundup Power Max	oz	0.18
Dual II Magnum	pt	12.64	Roundup PowerMax	pt	2.85
Dual Magnum	pt	10.11	Roundup PowerMax ii	oz	0.31
Duet	pt	6.03	Roundup Pro	pt	0.20
Engenia	oz	1.06	Scepter 70 DG	oz	6.04
Enlist Duo	pt	6.89	Select Max	pt	15.01
Enlist One	pt	7.57	Sencor/Tricor.Metrib	lb	10.53
Envive	oz	3.99	Sequence	pt	7.72
Envoke	oz	100.77	Sharpen	oz	7.46
Facet L	pt	17.36	Sinister	pt	11.75
Fierce	oz	7.75	Sonic	oz	3.80
Fierce XLT	oz	4.74	Stalwart	pt	6.39
Finesse	oz	15.75	Stam 80 EDF	lb	9.45
Firestorm	pt	3.44	Stam M4	qt	7.85
First Rate	oz	34.50	Staple LX	oz	8.28
Flexstar	pt	8.98	Storm	pt	12.97
Flexstar GT	pt	6.75	Strada	oz	7.34
Fusilade DX	oz	1.06	Strada Pro	oz	7.49
Gambit	oz	18.07	Strada XT2	oz	3.26
Glyphosate 3lbs a.e	pt	1.85	Superwham	qt	9.39
Glyphosate 3lbs a.e	oz	0.12	Suprend	lb	13.52
Goal 2XL	pt	8.40	SureStart II	oz	0.45
Gramoxone SL 2.0	oz	0.32	Surveil	oz	6.70
Grandstand R	pt	21.42	Synchrony XP	oz	12.00
Grasp	oz	13.56	Tavium	gal	76.16
Grasp Xtra	oz	1.72	Tempest	pt	27.52
Halex GT	pt	6.11			(continued)

Appendix Table 4. Operating inputs: estimated prices, Mississippi, 2025 (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Touchdown Total	qt	10.21	Mustang Max	oz	1.48
Treflan	pt	3.65	Nuprid 4F	oz	1.16
Trifluralin	pt	3.65	Oberon	oz	3.67
Triflurex	pt	3.47	Orthene 97	lb	27.26
Ultra Blazer	pt	5.44	Permethrin	oz	0.58
Valor EZ	oz	5.27	Portal XLO	oz	0.74
Valor SX	oz	3.06	Pounce 25WP	lb	19.96
Valor XLT	oz	3.59	Prevathon	oz	1.47
Vamos	pt	6.49	Python WDG	oz	19.25
Verdict	oz	1.54	Radiant	oz	6.87
Veritas	pt	7.49	Sevin SL	pt	12.25
Villain	pt	5.24	Sevin XLR Plus	qt	19.25
Volunteer	pt	10.63	Sivanto Prime	oz	3.18
Warrant	pt	4.60	Tempest	oz	1.72
XtendiMax	oz	0.92	Tenchu SG	oz	1.19
Zidua SC	oz	5.51	Transform WG	oz	9.34
Zidua WG	oz	7.30	Up-Cyde	oz	0.84
INOCULANT			Warrior II ZT	oz	3.02
Inoculant -Soybean	acre	1.55	Zeal	oz	7.91
Optimize LIFT	oz	0.58	IRRIGATION SUPPLIES		
INSECTICIDES			Roll-Out Pipe	ft	0.24
Abamectin .15EC	oz	0.31	SEED/PLANTS		
Acephate 90%	lb	6.75	Corn Seed BtRR	thous	3.61
Acephate 90SP	lb	6.75	Corn Seed Conv.	thous	3.80
Admire Pro	oz	2.19	Corn Seed Op Leptra	thous	4.95
Agri-Mek	oz	3.24	Corn Seed RR2	thous	4.55
Asana .66 XL	oz	0.51	Corn Seed VT2P	thous	3.79
Avenger	oz	0.86	Cot. Seed B3XF/W3FE	thous	3.23
Baythroid XL	oz	1.22	Cotton Seed B3TXF	thous	3.27
Belt	oz	6.41	Cotton Seed GLB2	thous	1.89
Besiege	oz	2.91	Cotton Seed ThryvOn	thous	3.64
Bidrin 8EC	oz	1.60	Cotton Seed W3FE	thous	3.18
Bifenthrin	oz	0.48	Cotton Seed W3RF	thous	1.50
Bifenture 2EC	oz	0.47	Peanut Seed	lb	1.15
Brigade EC	pt	20.45	Rice Conv Hyb Trt	lb	6.31
Capture LFR	oz	1.32	Rice Fullpage Hyb Tr	lb	6.34
Centric 40WG	oz	7.29	Rice Seed CF(Levees)	lb	1.30
Cypermethrin	oz	0.65	Rice Seed Clearfield	lb	1.28
Declare	oz	1.73	Rice Seed Conv.	lb	0.33
Diamond .83EC	oz	2.25	Rice Seed Cv(Levees)	lb	0.33
Dimethoate 4E	pt	8.51	Rice Seed CvH(Levee)	lb	1.93
Dimilin 2L	oz	2.45	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	1.32
Hero	oz	1.36	Rice Seed Trt/Insect	lbseed	0.29
Imidacloprid 4F	oz	0.48	Sorghum Concept	lb	4.20
Imidan 70 WSB	oz	1.55	Sorghum Concept+ Po	lb	4.16
IncidentalPestTrt \$8	acre	8.00	Soybean Enlist E3	lb	1.03
IncidentalPestTrt\$15	acre	15.00	Soybean Seed LL	lb	1.32
IncidentalPestTrt\$22	acre	22.00	Soybean Seed RR2	lb	1.15
IncidentalPestTrt\$30	acre	30.00	Soybean Seed RR2X	lb	1.16
Intrepid 2F	oz	2.28	Wheat Seed Private	lb	0.24
Intruder 70WSP	oz	1.13	SOIL TEST		
LambdaT	oz	2.10	Soil Test	acre	10.00
Lannate LV	pt	8.60	SURVEY & MARK LEVEES		
Macho	oz	0.66	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, 2025

ITEM NAME	UNIT	PRICE
dollars		
FUEL TYPES		
Diesel Fuel	gal	2.86
Gasoline	gal	2.96
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, 2025

Item name	Unit	Wage Rate
OPERATOR LABOR	hour	18.69
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, 2025

Crop	unit	Futures Contract Month	Futures Contract Price ^a	Basis ^b	Forward Contract Price ^c	Loan Rate ^d	Budget Price ^e
Corn	bu	Dec '25	4.57	-0.08	4.49	2.35	4.49
Cotton Lint	lb	Dec '25	0.7352	-0.0151	0.7201	0.52	0.7201
Cottonseed	lb						0.11 ^f
Grain Sorghum	bu				4.27	4.09	4.27
Peanuts	ton				475.00	354.89	475.00
Soybeans	bu	Nov '25	10.88	-0.01	10.87	6.41	10.87
Rice	bu	Nov '25	6.16	-0.16	6.00	3.21	6.00
Wheat	bu	Jul '25	6.41	-0.14	6.27	3.60	6.27

- ^a Average of the daily closing futures contract prices during the first 5 trading days in October 2024 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 2024 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 2024 crop year for corn, grain sorghum, soybeans and wheat. Mississippi CCC 2023 Farm-stored Loan Rate for long grain rough rice. National 2024 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 2008-2024.

Appendix Table 8 Estimated costs for field operations, per acre
 Peanuts irrigated with roll-out pipe
 160-acre system, 12 ac-in., Delta Area, Mississippi, 2025

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'		1.06	0.42	0.71		0.18	2.37	2.85	5.22
Set Up Engine										
IRRIGATE LABOR	hour				0.23		0.01	0.24		0.24
Ditcher (1m/160a)			0.23	0.09	0.18		0.02	0.52	0.53	1.05
Roll-Out Pipe	ft	7.92					0.27	8.19		8.19
Lay Roll-out Pipe										
Pipe Spool 160ac	1/4m roll		0.31	0.13	0.46		0.03	0.93	1.31	2.24
IRRIGATE LABOR	hour				1.81		0.06	1.87		1.87
Apply Water										
IRRIGATE LABOR	hour				0.23		0.01	0.24		0.24
Apply Water										
IRRIGATE LABOR	hour				0.23			0.23		0.23
Apply Water										
IRRIGATE LABOR	hour				0.23			0.23		0.23
Apply Water										
IRRIGATE LABOR	hour				0.23			0.23		0.23
Pick Up Pipe										
Pipe Spool 160ac	1/4m roll		0.47	0.20	0.69		0.02	1.38	1.96	3.34
Land Forming (\$450)	each								43.97	43.97
Well & Pump, Furrow	each			2.96			0.10	3.06	12.03	15.09
Main Line Pipe	each								6.65	6.65
Engine, RPF, PNUT	each								11.82	11.82
1st July Irrigation	ac-in		6.99	1.05			0.22	8.26		8.26
1st Aug Irrigation	ac-in		6.99	1.05			0.17	8.21		8.21
2nd Aug Irrigation	ac-in		6.99	1.05			0.17	8.21		8.21
1st Sep Irrigation	ac-in		6.99	1.05			0.11	8.15		8.15
TOTALS		7.92	30.03	8.00	5.00	0.00	1.37	52.32	81.12	133.44

Note: Cost of production estimates are based on 2024 input prices.

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