RICE
2026
PLANNING BUDGETS

Mississippi State University
Department of Agricultural Economics
Budget Report 2025-04

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.

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Table of Contents

Page

Foreword i

Acknowledgments i

2026 Budget Committees ii

2026 Planning Budgets 1

Budgets for Agricultural Enterprises 1

Methods and Procedures 1
- Production Practices 1
- Machinery 1
- Estimates of Direct Costs 2
- Estimates of Fixed Costs 2
- Estimates of Returns 3
- Irrigation Costs 3
- Net Returns 3

Enterprise Budgets

Table

1 Contour levee rice
Flood irrigated, 33 ac-in, ... 6
2 Straight levee rice
Flood irrigated, 27 ac-in, ... 12
3 Straight levee rice
Multi inlet flood irrigated, 23 ac-in, ... 18
4 Straight levee rice – zero grade
Flood irrigated, 19 ac-in, ... 24
5 Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in, ... 30
6 Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in, ... 36
7 Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in, ... 42
8 Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in, ... 48
9 Clearfield contour levee rice
Flood irrigated, 33 ac-in, ... 54
10 Clearfield straight levee rice
Flood irrigated, 27 ac-in, ... 60
11 Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in, ... 66
12 Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in, ... 72

13 Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in,..... 78
14 Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in,..... 84
15 Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in,..... 90
16 Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in,..... 96
17 Max-Ace hybrid contour levee rice
Flood irrigated, 33 ac-in,..... 102
18 Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in,..... 108
19 Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in,..... 114
20 Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in,..... 120
21 Provisia contour levee rice
Flood irrigated, 33 ac-in,..... 126
22 Provisia straight levee rice
Flood irrigated, 27 ac-in,..... 132
23 Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in,..... 138
24 Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in,..... 144
25 Conventional Row Rice,
Furrow irrigated, 21 ac-in, ... 150

Appendix
Table

1 Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use,
and direct and fixed costs per hour 157
2 Self-propelled machines: estimated purchase price, annual use, useful life, fuel use,
performance rate, and direct and fixed costs per acre..... 158
3 Towed equipment: estimated purchase price, annual use, useful life, performance rate,
and direct and fixed costs per acre 159
4 Operating inputs: estimated prices 164
5 Estimated fuel prices and interest rates 167
6 Labor types, wage rates and unallocated labor multipliers for crop enterprises..... 167
7 Futures contract prices, basis levels, forward contract prices,
and loan rates used in row crop budgets 168
8 Contour levee rice flood irrigation system
80-acre system, 33 ac-in., Delta Area..... 169
9 Straight levee rice flood irrigation system
80-acre system, 27 ac-in., Delta Area 170
10 Straight levee rice multi-inlet flood irrigation system
80-acre system, 23 ac-in., Delta Area 171
11 Straight levee rice - zero grade flood irrigation system
80-acre system, 19 ac-in., Delta Area 172

Literature Cited 174

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:

$$\text{RPH} = \frac{\text{RLC } x \text{ RP}}{\text{THL}}$$

$$\text{RPA} = \text{RPH } x \text{ PR}$$

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.

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

where:

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

$$\text{CRCPY} = [(\text{RLC} - \text{SV}) \; x \; \text{CRF}] + (\text{SV } x \text{ IIR})$$

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:

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

$$CRCPA = CRCPH \times PR$$

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 operations.

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, 10, and 11.

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
Contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	5.5000	44.28	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Conv.	lb	0.30	75.0000	22.50	_________
Rice Seed Trt/Insect	lbseed	0.29	88.6000	25.69	_________
Rice Seed Cv(Levees)	lb	0.30	13.6000	4.08	_________
ADJUVANTS					
Class Act NG	pt	2.00	0.5000	1.00	_________
MSO	pt	3.50	1.0000	3.50	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.4000	1.14	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5475	10.56	_________
Harvesters	hour	19.28	0.1269	2.45	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	3.5250	31.96	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	1.5000	13.59	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL					
Tractors	gal	2.94	7.5785	22.27	_________
Harvesters	gal	2.94	2.7765	8.16	_________
Flood Irr.	gal	2.94	26.8827	79.05	_________
REPAIR & MAINTENANCE					
Implements	acre	11.59	1.0000	11.59	_________
Tractors	acre	6.05	1.0000	6.05	_________
Harvesters	acre	7.51	1.0000	7.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	27.78	1.0000	27.78	_________

TOTAL DIRECT EXPENSES				955.34	_________
FIXED EXPENSES					
Implements	acre	32.40	1.0000	32.40	_________
Tractors	acre	46.73	1.0000	46.73	_________
Harvesters	acre	35.96	1.0000	35.96	_________
Flood Irr.	acre	59.44	1.0000	59.44	_________

TOTAL FIXED EXPENSES				174.53	_________

TOTAL SPECIFIED EXPENSES				1129.87	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 1.B Summary of estimated costs and returns per acre
Contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________
TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	54.03	1.0000	54.03	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	52.27	1.0000	52.27	_________
ADJUVANTS	acre	8.06	1.0000	8.06	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
SURVEY & MARK LEVEES	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	3.5250	31.96	_________
OPERATOR LABOR	hour	19.28	0.6745	13.01	_________
RICE MGT. LABOR	hour	9.06	1.5000	13.59	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL	gal	2.94	37.2377	109.48	_________
REPAIR & MAINTENANCE	acre	39.46	1.0000	39.46	_________
INTEREST ON OP. CAP.	acre	27.78	1.0000	27.78	_________
TOTAL DIRECT EXPENSES				955.34	_________
RETURNS ABOVE DIRECT EXPENSES				-76.94	_________
TOTAL FIXED EXPENSES				174.53	_________
TOTAL SPECIFIED EXPENSES				1129.87	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-251.47	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 1.C Estimated resource use for field operations, per acre
Contour levee rice
Flood irrigated, 33 ac-in., 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	Sep	0.3330				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					75.0000				
Rice Seed Trt/Insect	lbseed					75.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
Class Act NG	pt					0.5000				
MSO	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Cv(Levees)	lb					13.6000				
Rice Seed Trt/Insect	lbseed					13.6000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.30	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.4000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					0.5000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.50	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.50	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (CL)	40' Rigid	425 hp	0.126	1.00	Aug		0.12	0.12	0.12	0.11
Grain Cart Rice	700 bu	MFWD 225	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.67	0.67	6.02	0.49

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 1.D Estimated costs for field operations, per acre
Contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.02	3.35		3.35
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Conv.	lb	22.50					0.93	23.43		23.43
Rice Seed Trt/Insect	lbseed	21.75					0.90	22.65		22.65
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
Class Act NG	pt	1.00					0.04	1.04		1.04
MSO	pt	1.75					0.07	1.82		1.82
Seed Levees										
Rice Seed Cv(Levees)	lb	4.08					0.17	4.25		4.25
Rice Seed Trt/Insect	lbseed	3.94					0.16	4.10		4.10
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
Rice Management										
RICE MGT. LABOR	hour				2.72		0.09	2.81		2.81
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.14					0.04	1.18		1.18
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	1.75					0.05	1.80		1.80
Rice Management										
RICE MGT. LABOR	hour				4.53		0.12	4.65		4.65
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				4.53		0.09	4.62		4.62
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (CL)	40' Rigid		8.16	10.65	4.65		0.32	23.78	42.16	65.94
Grain Cart Rice	700 bu		0.37	0.26	0.40		0.01	1.04	1.15	2.19
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	4.50	82.25	15.42	34.37		4.24	140.78	67.59	208.37
TOTALS		707.55	109.48	39.46	71.07	0.00	27.78	955.34	174.53	1129.87

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 1.E Estimated monthly income and expense flows per acre
Contour levee rice
Flood irrigated, 33 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	52.27	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.23	1.75	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.50	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	17.58	9.52	11.33	11.33	10.92	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	22.22	21.56	21.56	21.56	9.71	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.65	8.20	2.29	2.29	11.31	5.25
INTEREST ON OP. CAP.	1.18	0.00	0.00	0.00	1.06	0.00	6.47	10.93	3.10	2.94	1.96	0.14
TOTAL DIRECT EXPENSES	15.49	0.00	0.00	0.00	20.25	0.00	162.94	328.83	115.71	145.08	145.90	21.14
NET INCOME	-15.49	0.00	0.00	0.00	-20.25	0.00	-162.94	-328.83	-115.71	-145.08	732.50	-21.14
NET INCOME TO DATE	-15.49	-15.49	-15.49	-15.49	-35.74	-35.74	-198.68	-527.51	-643.22	-788.30	-55.80	-76.94

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs

Table 1.F Estimated returns for various price/yield combinations, per acre
Contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

PRODUCT			PERCENT 75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-569	-547	-525	-503	-481	-459	-437	-415	-393	-371	-349
			-743	-721	-699	-677	-655	-633	-611	-589	-568	-546	-524
60	96.00	bu	-514	-488	-461	-435	-409	-382	-356	-330	-303	-277	-251
			-689	-662	-636	-610	-583	-557	-531	-504	-478	-452	-425
70	112.00	bu	-460	-429	-398	-367	-337	-306	-275	-244	-214	-183	-152
			-634	-603	-573	-542	-511	-480	-450	-419	-388	-357	-327
80	128.00	bu	-405	-370	-335	-300	-265	-229	-194	-159	-124	-89	-54
			-580	-544	-509	-474	-439	-404	-369	-334	-299	-263	-228
90	144.00	bu	-351	-311	-272	-232	-192	-153	-113	-74	-34	4	44
			-525	-486	-446	-407	-367	-327	-288	-248	-209	-169	-130
100	160.00	bu	-296	-252	-208	-164	-120	-76	-33	10	54	98	142
			-471	-427	-383	-339	-295	-251	-207	-163	-119	-75	-31
110	176.00	bu	-242	-193	-145	-97	-48	-0	47	96	144	192	241
			-416	-368	-319	-271	-223	-174	-126	-78	-30	18	66
120	192.00	bu	-187	-134	-82	-29	23	76	128	181	234	286	339
			-362	-309	-256	-203	-151	-98	-45	6	59	112	165
130	208.00	bu	-132	-75	-18	38	95	152	209	266	323	380	437
			-307	-250	-193	-136	-79	-22	35	92	149	206	263
140	224.00	bu	-78	-16	44	106	167	229	290	351	413	474	536
			-252	-191	-129	-68	-7	54	115	177	238	300	361
150	240.00	bu	-23	41	107	173	239	305	371	437	503	569	634
			-198	-132	-66	-0	65	130	196	262	328	394	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 2.A Estimated costs per acre
Straight levee rice
Flood irrigated, 27 ac-in, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	5.5000	44.28	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Conv.	lb	0.30	75.0000	22.50	_________
Rice Seed Trt/Insect	lbseed	0.29	88.6000	25.69	_________
Rice Seed Cv(Levees)	lb	0.30	13.6000	4.08	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.4000	1.14	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4999	9.64	_________
Harvesters	hour	19.28	0.1269	2.45	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	2.3750	21.52	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL					
Tractors	gal	2.94	7.2043	21.18	_________
Harvesters	gal	2.94	2.7765	8.16	_________
Flood Irr.	gal	2.94	21.9949	64.68	_________
REPAIR & MAINTENANCE					
Implements	acre	11.49	1.0000	11.49	_________
Tractors	acre	5.75	1.0000	5.75	_________
Harvesters	acre	7.51	1.0000	7.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	27.00	1.0000	27.00	_________
TOTAL DIRECT EXPENSES				919.59	_________
FIXED EXPENSES					
Implements	acre	31.69	1.0000	31.69	_________
Tractors	acre	44.45	1.0000	44.45	_________
Harvesters	acre	35.96	1.0000	35.96	_________
Flood Irr.	acre	92.37	1.0000	92.37	_________
TOTAL FIXED EXPENSES				204.47	_________
TOTAL SPECIFIED EXPENSES				1124.06	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 2.B Summary of estimated costs and returns per acre
Straight levee rice
Flood irrigated, 27 ac-in, Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________

TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	54.03	1.0000	54.03	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	52.27	1.0000	52.27	_________
ADJUVANTS	acre	9.81	1.0000	9.81	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	2.3750	21.52	_________
OPERATOR LABOR	hour	19.28	0.6268	12.09	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL	gal	2.94	31.9758	94.02	_________
REPAIR & MAINTENANCE	acre	39.06	1.0000	39.06	_________
INTEREST ON OP. CAP.	acre	27.00	1.0000	27.00	_________

TOTAL DIRECT EXPENSES				919.59	_________
RETURNS ABOVE DIRECT EXPENSES				-41.19	_________
TOTAL FIXED EXPENSES				204.47	_________

TOTAL SPECIFIED EXPENSES				1124.06	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-245.66	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 2.C Estimated resource use for field operations, per acre
Straight levee rice
Flood irrigated, 27 ac-in, 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					75.0000				
Rice Seed Trt/Insect	lbseed					75.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Cv(Levees)	lb					13.6000				
Rice Seed Trt/Insect	lbseed					13.6000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.4000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (CL)	40' Rigid	425 hp	0.126	1.00	Aug		0.12	0.12	0.12	0.11
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.62	0.62	4.03	0.49

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 2.D Estimated costs for field operations, per acre
Straight levee rice
Flood irrigated, 27 ac-in, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Conv.	lb	22.50					0.93	23.43		23.43
Rice Seed Trt/Insect	lbseed	21.75					0.90	22.65		22.65
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Cv(Levees)	lb	4.08					0.17	4.25		4.25
Rice Seed Trt/Insect	lbseed	3.94					0.16	4.10		4.10
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.14					0.04	1.18		1.18
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (CL)	40' Rigid		8.16	10.65	4.65		0.32	23.78	42.16	65.94
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	2.25	66.66	14.99	23.01		3.33	110.24	97.30	207.54
TOTALS		707.05	94.02	39.06	52.46	0.00	27.00	919.59	204.47	1124.06

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 2.E Estimated monthly income and expense flows per acre
Straight levee rice
Flood irrigated, 27 ac-in, 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	52.27	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.23	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	13.43	5.44	6.34	6.34	10.52	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	21.54	16.77	16.77	16.77	9.30	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.73	8.09	2.18	2.18	11.16	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	6.17	10.63	2.87	2.74	1.96	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	155.64	319.55	107.34	134.99	144.94	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-155.64	-319.55	-107.34	-134.99	733.46	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-194.98	-514.53	-621.87	-756.86	-23.40	-41.19

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs

Table 2.F Estimated returns for various price/yield combinations, per acre
Straight levee rice
Flood irrigated, 27 ac-in, Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-533	-511	-489	-467	-445	-423	-401	-379	-357	-335	-313
			-737	-715	-693	-672	-650	-628	-606	-584	-562	-540	-518
60	96.00	bu	-478	-452	-426	-399	-373	-347	-320	-294	-268	-241	-215
			-683	-657	-630	-604	-577	-551	-525	-498	-472	-446	-419
70	112.00	bu	-424	-393	-362	-332	-301	-270	-239	-209	-178	-147	-116
			-628	-598	-567	-536	-505	-475	-444	-413	-382	-352	-321
80	128.00	bu	-369	-334	-299	-264	-229	-194	-159	-123	-88	-53	-18
			-574	-539	-504	-468	-433	-398	-363	-328	-293	-258	-222
90	144.00	bu	-315	-275	-236	-196	-157	-117	-78	-38	0	40	79
			-519	-480	-440	-401	-361	-322	-282	-243	-203	-164	-124
100	160.00	bu	-260	-216	-172	-129	-85	-41	2	46	90	134	178
			-465	-421	-377	-333	-289	-245	-201	-157	-113	-69	-26
110	176.00	bu	-206	-157	-109	-61	-13	35	83	131	180	228	276
			-410	-362	-314	-265	-217	-169	-120	-72	-24	24	72
120	192.00	bu	-151	-99	-46	6	59	111	164	217	269	322	375
			-356	-303	-250	-198	-145	-92	-39	12	65	118	170
130	208.00	bu	-97	-40	16	74	131	188	245	302	359	416	473
			-301	-244	-187	-130	-73	-16	40	97	155	212	269
140	224.00	bu	-42	18	80	141	203	264	326	387	449	510	572
			-247	-185	-124	-62	-1	60	121	183	244	306	367
150	240.00	bu	11	77	143	209	275	341	407	473	538	604	670
			-192	-126	-60	5	70	136	202	268	334	400	466

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
Straight levee rice
Multi inlet flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	5.5000	44.28	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Rice Seed Conv.	lb	0.30	75.0000	22.50	_________
Rice Seed Trt/Insect	lbseed	0.29	88.6000	25.69	_________
Rice Seed Cv(Levees)	lb	0.30	13.6000	4.08	_________
ADJUVANTS					
Class Act NG	pt	2.00	0.5000	1.00	_________
MSO	pt	3.50	1.5000	5.25	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.5000	1.43	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5281	10.18	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.1250	10.18	_________
Implements	hour	9.06	0.0375	0.34	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.4504	21.90	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	18.7364	55.09	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	5.94	1.0000	5.94	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	13.96	1.0000	13.96	_________
INTEREST ON OP. CAP.	acre	26.73	1.0000	26.73	_________
TOTAL DIRECT EXPENSES				905.01	_________
FIXED EXPENSES					
Implements	acre	31.89	1.0000	31.89	_________
Tractors	acre	45.94	1.0000	45.94	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.02	1.0000	92.02	_________
TOTAL FIXED EXPENSES				201.01	_________
TOTAL SPECIFIED EXPENSES				1106.02	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 3.B Summary of estimated costs and returns per acre
Straight levee rice
Multi inlet flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________

TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	54.03	1.0000	54.03	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	52.27	1.0000	52.27	_________
ADJUVANTS	acre	10.10	1.0000	10.10	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.1625	10.52	_________
OPERATOR LABOR	hour	19.28	0.6381	12.30	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	28.5932	84.06	_________
REPAIR & MAINTENANCE	acre	37.58	1.0000	37.58	_________
INTEREST ON OP. CAP.	acre	26.73	1.0000	26.73	_________

TOTAL DIRECT EXPENSES				905.01	_________
RETURNS ABOVE DIRECT EXPENSES				-26.61	_________
TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1106.02	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-227.62	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 3.C Estimated resource use for field operations, per acre
Straight levee rice
Multi inlet flood irrigated, 23 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					75.0000				
Rice Seed Trt/Insect	lbseed					75.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
Class Act NG	pt					0.5000				
MSO	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Cv(Levees)	lb					13.6000				
Rice Seed Trt/Insect	lbseed					13.6000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.5000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.63	0.63	2.82	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 3.D Estimated costs for field operations, per acre
Straight levee rice
Multi inlet flood irrigated, 23 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Conv.	lb	22.50					0.93	23.43		23.43
Rice Seed Trt/Insect	lbseed	21.75					0.90	22.65		22.65
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
Class Act NG	pt	1.00					0.04	1.04		1.04
MSO	pt	1.75					0.07	1.82		1.82
Seed Levees										
Rice Seed Cv(Levees)	lb	4.08					0.17	4.25		4.25
Rice Seed Trt/Insect	lbseed	3.94					0.16	4.10		4.10
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.43					0.05	1.48		1.48
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	10.17	57.79	14.93	12.55		3.09	98.53	99.46	197.99
TOTALS		715.26	84.06	37.58	41.38	0.00	26.73	905.01	201.01	1106.02

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 3.E Estimated monthly income and expense flows per acre
Straight levee rice
Multi inlet flood irrigated, 23 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	52.27	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.52	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	11.36	2.72	3.62	3.62	9.67	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	19.71	14.37	14.37	14.37	8.37	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.85	8.01	2.10	2.10	9.80	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	6.34	10.46	2.73	2.64	1.93	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	159.95	314.47	102.00	129.69	141.77	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-159.95	-314.47	-102.00	-129.69	736.63	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-199.29	-513.76	-615.76	-745.45	-8.82	-26.61

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs

Table 3.F Estimated returns for various price/yield combinations, per acre
Straight levee rice
Multi inlet flood irrigated, 23 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-518	-496	-474	-452	-431	-409	-387	-365	-343	-321	-299
			-719	-697	-675	-653	-632	-610	-588	-566	-544	-522	-500
60	96.00	bu	-464	-437	-411	-385	-358	-332	-306	-279	-253	-227	-200
			-665	-638	-612	-586	-559	-533	-507	-480	-454	-428	-401
70	112.00	bu	-409	-379	-348	-317	-286	-256	-225	-194	-163	-133	-102
			-610	-580	-549	-518	-487	-457	-426	-395	-364	-334	-303
80	128.00	bu	-355	-320	-284	-249	-214	-179	-144	-109	-74	-39	-3
			-556	-521	-486	-450	-415	-380	-345	-310	-275	-240	-204
90	144.00	bu	-300	-261	-221	-182	-142	-103	-63	-24	15	55	94
			-501	-462	-422	-383	-343	-304	-264	-225	-185	-145	-106
100	160.00	bu	-246	-202	-158	-114	-70	-26	17	61	105	149	192
			-447	-403	-359	-315	-271	-227	-183	-139	-95	-51	-8
110	176.00	bu	-191	-143	-95	-46	1	49	98	146	194	243	291
			-392	-344	-296	-247	-199	-151	-102	-54	-6	42	90
120	192.00	bu	-137	-84	-31	20	73	126	179	231	284	337	389
			-338	-285	-232	-180	-127	-74	-21	30	83	136	188
130	208.00	bu	-82	-25	31	88	145	202	259	317	374	431	488
			-283	-226	-169	-112	-55	1	58	116	173	230	287
140	224.00	bu	-28	33	94	156	217	279	340	402	463	525	586
			-229	-167	-106	-44	16	78	139	201	262	324	385
150	240.00	bu	26	92	158	224	289	355	421	487	553	619	685
			-174	-108	-42	23	88	154	220	286	352	418	484

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
Straight levee rice - zero grade
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	5.5000	44.28	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Conv.	lb	0.30	75.0000	22.50	_________
Rice Seed Trt/Insect	lbseed	0.29	75.0000	21.75	_________
ADJUVANTS					
Class Act NG	pt	2.00	0.5000	1.00	_________
MSO	pt	3.50	1.5000	5.25	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.5000	1.43	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4228	8.15	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.0500	9.53	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	6.5294	19.20	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	15.4779	45.52	_________
REPAIR & MAINTENANCE					
Implements	acre	10.92	1.0000	10.92	_________
Tractors	acre	5.22	1.0000	5.22	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	11.80	1.0000	11.80	_________
INTEREST ON OP. CAP.	acre	25.38	1.0000	25.38	_________

TOTAL DIRECT EXPENSES				867.05	_________
FIXED EXPENSES					
Implements	acre	30.02	1.0000	30.02	_________
Tractors	acre	40.37	1.0000	40.37	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	91.67	1.0000	91.67	_________

TOTAL FIXED EXPENSES				193.22	_________

TOTAL SPECIFIED EXPENSES				1060.27	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 4.B Summary of estimated costs and returns per acre
Straight levee rice - zero grade
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________

TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	54.03	1.0000	54.03	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	44.25	1.0000	44.25	_________
ADJUVANTS	acre	10.10	1.0000	10.10	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.0500	9.53	_________
OPERATOR LABOR	hour	19.28	0.5328	10.27	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	24.4137	71.79	_________
REPAIR & MAINTENANCE	acre	34.45	1.0000	34.45	_________
INTEREST ON OP. CAP.	acre	25.38	1.0000	25.38	_________

TOTAL DIRECT EXPENSES				867.05	_________
RETURNS ABOVE DIRECT EXPENSES				11.35	_________
TOTAL FIXED EXPENSES				193.22	_________

TOTAL SPECIFIED EXPENSES				1060.27	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-181.87	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 4.C Estimated resource use for field operations, per acre
Straight levee rice - zero grade
Flood irrigated, 19 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					75.0000				
Rice Seed Trt/Insect	lbseed					75.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
Class Act NG	pt					0.5000				
MSO	pt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.5000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000			1.05	
TOTALS							0.53	0.53	2.61	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 4.D Estimated costs for field operations, per acre
Straight levee rice - zero grade
Flood irrigated, 19 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Conv.	lb	22.50					0.93	23.43		23.43
Rice Seed Trt/Insect	lbseed	21.75					0.90	22.65		22.65
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
Class Act NG	pt	1.00					0.04	1.04		1.04
MSO	pt	1.75					0.07	1.82		1.82
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.43					0.05	1.48		1.48
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre		45.52	11.80	9.53		2.07	68.92	91.67	160.59
TOTALS		697.07	71.79	34.45	38.36	0.00	25.38	867.05	193.22	1060.27

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 4.E Estimated monthly income and expense flows per acre
Straight levee rice - zero grade
Flood irrigated, 19 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	44.25	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.52	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	8.12	3.18	4.08	4.08	8.51	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	15.41	11.98	11.98	11.98	7.57	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	5.65	7.46	1.55	1.55	9.52	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	5.23	10.38	2.66	2.59	1.89	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	131.91	311.91	99.45	127.16	139.49	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-131.91	-311.91	-99.45	-127.16	738.91	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-171.25	-483.16	-582.61	-709.77	29.14	11.35

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 4.F Estimated returns for various price/yield combinations, per acre
Straight levee rice - zero grade
Flood irrigated, 19 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-480	-458	-436	-415	-393	-371	-349	-327	-305	-283	-261
			-674	-652	-630	-608	-586	-564	-542	-520	-498	-476	-454
60	96.00	bu	-426	-400	-373	-347	-320	-294	-268	-241	-215	-189	-162
			-619	-593	-566	-540	-514	-487	-461	-435	-408	-382	-356
70	112.00	bu	-371	-341	-310	-279	-248	-218	-187	-156	-125	-95	-64
			-565	-534	-503	-472	-442	-411	-380	-349	-319	-288	-257
80	128.00	bu	-317	-282	-247	-211	-176	-141	-106	-71	-36	-1	34
			-510	-475	-440	-405	-369	-334	-299	-264	-229	-194	-159
90	144.00	bu	-262	-223	-183	-144	-104	-65	-25	13	53	92	132
			-455	-416	-376	-337	-297	-258	-218	-179	-139	-100	-60
100	160.00	bu	-208	-164	-120	-76	-32	11	55	99	143	187	230
			-401	-357	-313	-269	-225	-181	-137	-94	-50	-6	37
110	176.00	bu	-153	-105	-57	-8	39	87	136	184	232	281	329
			-346	-298	-250	-202	-153	-105	-57	-8	39	87	136
120	192.00	bu	-99	-46	6	58	111	164	217	269	322	375	427
			-292	-239	-187	-134	-81	-28	23	76	129	181	234
130	208.00	bu	-44	12	69	126	183	240	297	355	412	469	526
			-237	-180	-123	-66	-9	47	104	161	218	275	333
140	224.00	bu	9	71	132	194	255	317	378	440	501	563	624
			-183	-121	-60	1	62	124	185	247	308	370	431
150	240.00	bu	64	130	196	262	327	393	459	525	591	657	723
			-128	-62	2	68	134	200	266	332	398	464	529

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
Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Conv Hyb Trt	lb	6.31	23.0000	145.13	_________
Rice Seed CvH(Levee)	lb	1.93	4.2500	8.20	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.4000	1.14	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5475	10.56	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	3.5250	31.96	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.6209	22.40	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	26.8827	79.05	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	6.08	1.0000	6.08	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	31.82	1.0000	31.82	_________
TOTAL DIRECT EXPENSES				1039.72	_________
FIXED EXPENSES					
Implements	acre	31.58	1.0000	31.58	_________
Tractors	acre	46.96	1.0000	46.96	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	59.44	1.0000	59.44	_________
TOTAL FIXED EXPENSES				169.14	_________
TOTAL SPECIFIED EXPENSES				1208.86	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 5.B Summary of estimated costs and returns per acre
Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	45.98	1.0000	45.98	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	154.56	1.0000	154.56	_________
ADJUVANTS	acre	9.48	1.0000	9.48	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	3.5250	31.96	_________
OPERATOR LABOR	hour	19.28	0.6575	12.68	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	36.9100	108.52	_________
REPAIR & MAINTENANCE	acre	38.07	1.0000	38.07	_________
INTEREST ON OP. CAP.	acre	31.82	1.0000	31.82	_________

TOTAL DIRECT EXPENSES				1039.72	_________
RETURNS ABOVE DIRECT EXPENSES				-51.52	_________
TOTAL FIXED EXPENSES				169.14	_________

TOTAL SPECIFIED EXPENSES				1208.86	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-220.66	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 5.C Estimated resource use for field operations, per acre
Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Conv Hyb Trt	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CvH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.4000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.65	0.65	5.21	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 5.D Estimated costs for field operations, per acre
Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Conv Hyb Trt	lb	145.13					5.99	151.12		151.12
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CvH(Levee)	lb	8.20					0.34	8.54		8.54
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.14					0.04	1.18		1.18
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	4.50	82.25	15.42	34.37		4.24	140.78	67.59	208.37
TOTALS		798.11	108.52	38.07	63.20	0.00	31.82	1039.72	169.14	1208.86

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 5.E Estimated monthly income and expense flows per acre
Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	154.56	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.23	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.50	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	17.58	7.71	8.61	8.61	10.30	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	22.22	21.56	21.56	21.56	8.75	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.65	8.20	2.29	2.29	9.92	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	10.69	11.16	3.08	2.14	2.12	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	269.45	335.75	114.72	105.58	157.09	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-269.45	-335.75	-114.72	-105.58	831.11	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-308.79	-644.54	-759.26	-864.84	-33.73	-51.52

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs

Table 5.F Estimated returns for various price/yield combinations, per acre
Conventional hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-605	-580	-555	-531	-506	-481	-457	-432	-407	-382	-358
			-774	-749	-725	-700	-675	-650	-626	-601	-576	-552	-527
60	108.00	bu	-543	-514	-484	-455	-425	-395	-366	-336	-306	-277	-247
			-713	-683	-653	-624	-594	-564	-535	-505	-475	-446	-416
70	126.00	bu	-482	-448	-413	-378	-344	-309	-275	-240	-205	-171	-136
			-651	-617	-582	-547	-513	-478	-444	-409	-375	-340	-305
80	144.00	bu	-421	-381	-342	-302	-263	-223	-184	-144	-105	-65	-25
			-590	-550	-511	-471	-432	-392	-353	-313	-274	-234	-195
90	162.00	bu	-359	-315	-270	-226	-182	-137	-93	-48	-4	40	84
			-529	-484	-440	-395	-351	-306	-262	-217	-173	-128	-84
100	180.00	bu	-298	-249	-199	-150	-100	-51	-2	47	96	146	195
			-467	-418	-368	-319	-270	-220	-171	-121	-72	-23	26
110	198.00	bu	-237	-182	-128	-74	-19	34	88	143	197	251	306
			-406	-352	-297	-243	-188	-134	-80	-25	28	82	137
120	216.00	bu	-175	-116	-57	1	61	120	179	239	298	357	417
			-345	-285	-226	-167	-107	-48	10	70	129	188	247
130	234.00	bu	-114	-50	13	78	142	206	270	335	399	463	527
			-283	-219	-155	-90	-26	37	101	165	230	294	358
140	252.00	bu	-53	15	85	154	223	292	361	431	500	569	638
			-222	-153	-83	-14	54	123	192	261	331	400	469
150	270.00	bu	8	82	156	230	304	378	452	526	601	675	749
			-161	-86	-12	61	135	209	283	357	431	506	580

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
Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Conv Hyb Trt	lb	6.31	23.0000	145.13	_________
Rice Seed CvH(Levee)	lb	1.93	4.2500	8.20	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.4000	1.14	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4999	9.64	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	2.3750	21.52	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.2043	21.18	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	21.9949	64.68	_________
REPAIR & MAINTENANCE					
Implements	acre	11.07	1.0000	11.07	_________
Tractors	acre	5.75	1.0000	5.75	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	30.91	1.0000	30.91	_________

TOTAL DIRECT EXPENSES				1009.18	_________
FIXED EXPENSES					
Implements	acre	30.87	1.0000	30.87	_________
Tractors	acre	44.45	1.0000	44.45	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.37	1.0000	92.37	_________

TOTAL FIXED EXPENSES				198.85	_________

TOTAL SPECIFIED EXPENSES				1208.03	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 6.B Summary of estimated costs and returns per acre
Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	45.98	1.0000	45.98	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	154.56	1.0000	154.56	_________
ADJUVANTS	acre	9.48	1.0000	9.48	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	2.3750	21.52	_________
OPERATOR LABOR	hour	19.28	0.6099	11.76	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	31.6056	92.93	_________
REPAIR & MAINTENANCE	acre	37.64	1.0000	37.64	_________
INTEREST ON OP. CAP.	acre	30.91	1.0000	30.91	_________

TOTAL DIRECT EXPENSES				1009.18	_________
RETURNS ABOVE DIRECT EXPENSES				-20.98	_________
TOTAL FIXED EXPENSES				198.85	_________

TOTAL SPECIFIED EXPENSES				1208.03	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-219.83	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 6.C Estimated resource use for field operations, per acre
Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Conv Hyb Trt	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CvH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.4000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.60	0.60	4.01	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 6.D Estimated costs for field operations, per acre
Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Conv Hyb Trt	lb	145.13					5.99	151.12		151.12
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CvH(Levee)	lb	8.20					0.34	8.54		8.54
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.14					0.04	1.18		1.18
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	2.25	66.66	14.99	23.01		3.33	110.24	97.30	207.54
TOTALS		795.86	92.93	37.64	51.84	0.00	30.91	1009.18	198.85	1208.03

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 6.E Estimated monthly income and expense flows per acre
Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	154.56	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.23	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	13.43	5.44	6.34	6.34	9.90	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	21.54	16.77	16.77	16.77	8.21	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.73	8.09	2.18	2.18	9.74	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	10.39	10.92	2.87	1.99	2.11	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	262.15	328.34	107.34	98.26	155.96	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-262.15	-328.34	-107.34	-98.26	832.24	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-301.49	-629.83	-737.17	-835.43	-3.19	-20.98

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 6.F Estimated returns for various price/yield combinations, per acre
Conventional hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-574	-550	-525	-500	-475	-451	-426	-401	-377	-352	-327
			-773	-748	-724	-699	-674	-650	-625	-600	-575	-551	-526
60	108.00	bu	-513	-483	-454	-424	-394	-365	-335	-305	-276	-246	-216
			-712	-682	-652	-623	-593	-564	-534	-504	-475	-445	-415
70	126.00	bu	-452	-417	-382	-348	-313	-279	-244	-209	-175	-140	-106
			-650	-616	-581	-547	-512	-477	-443	-408	-374	-339	-305
80	144.00	bu	-390	-351	-311	-272	-232	-193	-153	-114	-74	-34	4
			-589	-550	-510	-470	-431	-391	-352	-312	-273	-233	-194
90	162.00	bu	-329	-284	-240	-195	-151	-107	-62	-18	26	70	115
			-528	-483	-439	-394	-350	-305	-261	-216	-172	-128	-83
100	180.00	bu	-268	-218	-169	-119	-70	-20	28	77	127	176	226
			-466	-417	-368	-318	-269	-219	-170	-121	-71	-22	27
110	198.00	bu	-206	-152	-97	-43	10	65	119	173	228	282	336
			-405	-351	-296	-242	-188	-133	-79	-25	29	83	137
120	216.00	bu	-145	-86	-26	32	91	151	210	269	328	388	447
			-344	-284	-225	-166	-107	-47	11	70	130	189	248
130	234.00	bu	-84	-19	44	108	172	237	301	365	429	494	558
			-282	-218	-154	-90	-25	38	102	166	231	295	359
140	252.00	bu	-22	46	115	184	254	323	392	461	530	599	669
			-221	-152	-83	-13	55	124	193	262	331	401	470
150	270.00	bu	38	112	186	261	335	409	483	557	631	705	779
			-160	-86	-11	62	136	210	284	358	432	506	580

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
Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Regiment	oz	61.59	0.5000	30.80	_________
Facet L	pt	17.78	2.0000	35.56	_________
Permit	oz	16.50	0.6700	11.06	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Rice Conv Hyb Trt	lb	6.31	23.0000	145.13	_________
Rice Seed CvH(Levee)	lb	1.93	4.2500	8.20	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Dyne-A-Pak	pt	4.17	0.5000	2.09	_________
Crop Oil Conc.(Pet.)	pt	2.86	0.4000	1.14	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5281	10.18	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.1250	10.18	_________
Implements	hour	9.06	0.0375	0.34	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.4504	21.90	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	18.7364	55.09	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	5.94	1.0000	5.94	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	13.96	1.0000	13.96	_________
INTEREST ON OP. CAP.	acre	30.67	1.0000	30.67	_________

TOTAL DIRECT EXPENSES				997.47	_________
FIXED EXPENSES					
Implements	acre	31.89	1.0000	31.89	_________
Tractors	acre	45.94	1.0000	45.94	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.02	1.0000	92.02	_________

TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1198.48	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 7.B Summary of estimated costs and returns per acre
Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	45.98	1.0000	45.98	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	154.56	1.0000	154.56	_________
ADJUVANTS	acre	9.48	1.0000	9.48	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.1625	10.52	_________
OPERATOR LABOR	hour	19.28	0.6381	12.30	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	28.5932	84.06	_________
REPAIR & MAINTENANCE	acre	37.58	1.0000	37.58	_________
INTEREST ON OP. CAP.	acre	30.67	1.0000	30.67	_________

TOTAL DIRECT EXPENSES				997.47	_________
RETURNS ABOVE DIRECT EXPENSES				-9.27	_________
TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1198.48	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-210.28	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 7.C Estimated resource use for field operations, per acre
Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Conv Hyb Trt	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CvH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.4000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.63	0.63	2.82	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 7.D Estimated costs for field operations, per acre
Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Conv Hyb Trt	lb	145.13					5.99	151.12		151.12
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CvH(Levee)	lb	8.20					0.34	8.54		8.54
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.14					0.04	1.18		1.18
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	10.17	57.79	14.93	12.55		3.09	98.53	99.46	197.99
TOTALS		803.78	84.06	37.58	41.38	0.00	30.67	997.47	201.01	1198.48

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 7.E Estimated monthly income and expense flows per acre
Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	154.56	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.23	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	11.36	2.72	3.62	3.62	9.67	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	19.71	14.37	14.37	14.37	8.37	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.85	8.01	2.10	2.10	9.80	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	10.56	10.74	2.73	1.89	2.12	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	266.46	322.96	102.00	92.96	155.96	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-266.46	-322.96	-102.00	-92.96	832.24	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-305.80	-628.76	-730.76	-823.72	8.52	-9.27

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 7.F Estimated returns for various price/yield combinations, per acre
Conventional hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-563	-538	-513	-488	-464	-439	-414	-390	-365	-340	-315
			-764	-739	-714	-689	-665	-640	-615	-591	-566	-541	-516
60	108.00	bu	-501	-472	-442	-412	-383	-353	-323	-294	-264	-234	-205
			-702	-673	-643	-613	-584	-554	-524	-495	-465	-435	-406
70	126.00	bu	-440	-405	-371	-336	-301	-267	-232	-198	-163	-129	-94
			-641	-606	-572	-537	-503	-468	-433	-399	-364	-330	-295
80	144.00	bu	-379	-339	-299	-260	-220	-181	-141	-102	-62	-23	16
			-580	-540	-500	-461	-421	-382	-342	-303	-263	-224	-184
90	162.00	bu	-317	-273	-228	-184	-139	-95	-50	-6	38	82	127
			-518	-474	-429	-385	-340	-296	-251	-207	-162	-118	-73
100	180.00	bu	-256	-206	-157	-108	-58	-9	40	89	138	188	237
			-457	-407	-358	-309	-259	-210	-160	-111	-62	-12	36
110	198.00	bu	-194	-140	-86	-31	22	76	131	185	239	294	348
			-395	-341	-287	-232	-178	-124	-69	-15	38	93	147
120	216.00	bu	-133	-74	-15	44	103	162	222	281	340	399	459
			-334	-275	-216	-156	-97	-38	21	80	139	198	258
130	234.00	bu	-72	-8	56	120	184	248	313	377	441	505	570
			-273	-209	-144	-80	-16	47	112	176	240	304	369
140	252.00	bu	-10	58	127	196	265	334	404	473	542	611	680
			-211	-142	-73	-4	64	133	203	272	341	410	479
150	270.00	bu	50	124	198	272	346	420	495	569	643	717	791
			-150	-76	-2	71	145	219	294	368	442	516	590

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
Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	________
App by Air (3 gal)	appl	7.50	1.3000	9.75	________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	________
DAP	cwt	43.41	0.5000	21.71	________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	________
NBPT	pt	18.20	0.8000	14.56	________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	________
2,4-D Amine 4	pt	2.69	2.0000	5.38	________
Command 3ME	pt	13.75	1.3000	17.88	________
Sharpen	oz	6.91	3.0000	20.73	________
Regiment	oz	61.59	0.5000	30.80	________
Facet L	pt	17.78	2.0000	35.56	________
Permit	oz	16.50	0.6700	11.06	________
Clincher SF	oz	3.00	7.5000	22.50	________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	________
Warrior II ZT	oz	3.73	0.6000	2.24	________
SEED/PLANTS					
Rice Conv Hyb Trt	lb	6.31	23.0000	145.13	________
Rice Seed CvH(Levee)	lb	1.93	4.2500	8.20	________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	________
Class Act NG	pt	2.00	0.5000	1.00	________
Dyne-A-Pak	pt	4.17	0.5000	2.09	________
Crop Oil Conc.(Pet.)	pt	2.86	0.4000	1.14	________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	________
OPERATOR LABOR					
Tractors	hour	19.28	0.4228	8.15	________
Harvesters	hour	19.28	0.1100	2.12	________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.0500	9.53	________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	________
Implements	hour	9.06	0.0785	0.71	________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	________
DIESEL FUEL					
Tractors	gal	2.94	6.5294	19.20	________
Harvesters	gal	2.94	2.4063	7.07	________
Flood Irr.	gal	2.94	15.4779	45.52	________
REPAIR & MAINTENANCE					
Implements	acre	10.92	1.0000	10.92	________
Tractors	acre	5.22	1.0000	5.22	________
Harvesters	acre	6.51	1.0000	6.51	________
Flood Irr.	acre	11.80	1.0000	11.80	________
INTEREST ON OP. CAP.	acre	29.65	1.0000	29.65	________
TOTAL DIRECT EXPENSES				967.86	________
FIXED EXPENSES					
Implements	acre	30.02	1.0000	30.02	________
Tractors	acre	40.37	1.0000	40.37	________
Harvesters	acre	31.16	1.0000	31.16	________
Flood Irr.	acre	91.67	1.0000	91.67	________
TOTAL FIXED EXPENSES				193.22	________
TOTAL SPECIFIED EXPENSES				1161.08	________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 8.B Summary of estimated costs and returns per acre
Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	45.98	1.0000	45.98	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	153.51	1.0000	153.51	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	154.56	1.0000	154.56	_________
ADJUVANTS	acre	9.48	1.0000	9.48	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.0500	9.53	_________
OPERATOR LABOR	hour	19.28	0.5328	10.27	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	24.4137	71.79	_________
REPAIR & MAINTENANCE	acre	34.45	1.0000	34.45	_________
INTEREST ON OP. CAP.	acre	29.65	1.0000	29.65	_________

TOTAL DIRECT EXPENSES				967.86	_________
RETURNS ABOVE DIRECT EXPENSES				20.34	_________
TOTAL FIXED EXPENSES				193.22	_________

TOTAL SPECIFIED EXPENSES				1161.08	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-172.88	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 8.C Estimated resource use for field operations, per acre
Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Conv Hyb Trt	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CvH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App by Air (5 gal)	appl			1.00	May	1.0000				
Regiment	oz					0.5000				
Dyne-A-Pak	pt					0.5000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Permit	oz					0.6700				
Crop Oil Conc.(Pet.)	pt					0.4000				
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000			1.05	
TOTALS							0.53	0.53	2.61	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 8.D Estimated costs for field operations, per acre
Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST: 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Conv Hyb Trt	lb	145.13					5.99	151.12		151.12
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CvH(Levee)	lb	8.20					0.34	8.54		8.54
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Regiment	oz	30.80					1.06	31.86		31.86
Dyne-A-Pak	pt	2.09					0.07	2.16		2.16
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Permit	oz	11.06					0.38	11.44		11.44
Crop Oil Conc.(Pet.)	pt	1.14					0.04	1.18		1.18
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre		45.52	11.80	9.53		2.07	68.92	91.67	160.59
TOTALS		793.61	71.79	34.45	38.36	0.00	29.65	967.86	193.22	1161.08

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests
Soil test cost is prorated for a test every 3rd year.

Table 8.E Estimated monthly income and expense flows per acre
Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	8.05	16.10	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	77.42	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	154.56	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	2.75	3.23	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	8.12	3.18	4.08	4.08	8.51	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	15.41	11.98	11.98	11.98	7.57	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	5.65	7.46	1.55	1.55	9.52	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	9.78	10.66	2.66	1.84	2.08	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	246.77	320.40	99.45	90.43	153.68	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-246.77	-320.40	-99.45	-90.43	834.52	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-286.11	-606.51	-705.96	-796.39	38.13	20.34

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 8.F Estimated returns for various price/yield combinations, per acre
Conventional hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PERCENT										
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-533	-508	-484	-459	-434	-409	-385	-360	-335	-311	-286
			-726	-701	-677	-652	-627	-603	-578	-553	-529	-504	-479
60	108.00	bu	-472	-442	-412	-383	-353	-323	-294	-264	-234	-205	-175
			-665	-635	-606	-576	-546	-517	-487	-457	-428	-398	-368
70	126.00	bu	-410	-376	-341	-306	-272	-237	-203	-168	-134	-99	-64
			-603	-569	-534	-500	-465	-431	-396	-361	-327	-292	-258
80	144.00	bu	-349	-309	-270	-230	-191	-151	-112	-72	-33	6	45
			-542	-503	-463	-424	-384	-344	-305	-265	-226	-186	-147
90	162.00	bu	-288	-243	-199	-154	-110	-65	-21	23	67	112	156
			-481	-436	-392	-347	-303	-258	-214	-169	-125	-81	-36
100	180.00	bu	-226	-177	-127	-78	-29	20	69	119	168	217	267
			-419	-370	-321	-271	-222	-172	-123	-74	-24	24	74
110	198.00	bu	-165	-111	-56	-2	52	106	160	215	269	323	378
			-358	-304	-249	-195	-141	-86	-32	21	76	130	184
120	216.00	bu	-104	-44	14	73	133	192	251	311	370	429	488
			-297	-237	-178	-119	-60	-0	58	117	177	236	295
130	234.00	bu	-42	21	85	150	214	278	342	406	471	535	599
			-235	-171	-107	-43	21	85	149	213	277	342	406
140	252.00	bu	18	87	157	226	295	364	433	502	572	641	710
			-174	-105	-36	32	102	171	240	309	378	448	517
150	270.00	bu	80	154	228	302	376	450	524	598	672	747	821
			-113	-39	35	109	183	257	331	405	479	553	627

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
Clearfield contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Clearpath	oz	4.46	9.6000	42.82	_________
Newpath	oz	4.59	6.0000	27.54	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Clearfield	lb	1.32	65.0000	85.80	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
Rice Seed CF(Levees)	lb	1.32	12.0000	15.84	_________
ADJUVANTS					
Class Act NG	pt	2.00	0.5000	1.00	_________
MSO	pt	3.50	1.5000	5.25	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5475	10.56	_________
Harvesters	hour	19.28	0.1269	2.45	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	3.5250	31.96	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	1.5000	13.59	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL					
Tractors	gal	2.94	7.6209	22.40	_________
Harvesters	gal	2.94	2.7765	8.16	_________
Flood Irr.	gal	2.94	26.8827	79.05	_________
REPAIR & MAINTENANCE					
Implements	acre	11.59	1.0000	11.59	_________
Tractors	acre	6.08	1.0000	6.08	_________
Harvesters	acre	7.51	1.0000	7.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	31.75	1.0000	31.75	_________

TOTAL DIRECT EXPENSES				1041.92	_________
FIXED EXPENSES					
Implements	acre	32.40	1.0000	32.40	_________
Tractors	acre	46.96	1.0000	46.96	_________
Harvesters	acre	35.96	1.0000	35.96	_________
Flood Irr.	acre	59.44	1.0000	59.44	_________

TOTAL FIXED EXPENSES				174.76	_________

TOTAL SPECIFIED EXPENSES				1216.68	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 9.B Summary of estimated costs and returns per acre
Clearfield contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________

TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	152.85	1.0000	152.85	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	123.97	1.0000	123.97	_________
ADJUVANTS	acre	18.02	1.0000	18.02	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
SURVEY & MARK LEVEES	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	3.5250	31.96	_________
OPERATOR LABOR	hour	19.28	0.6745	13.01	_________
RICE MGT. LABOR	hour	9.06	1.5000	13.59	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL	gal	2.94	37.2802	109.61	_________
REPAIR & MAINTENANCE	acre	39.49	1.0000	39.49	_________
INTEREST ON OP. CAP.	acre	31.75	1.0000	31.75	_________

TOTAL DIRECT EXPENSES				1041.92	_________
RETURNS ABOVE DIRECT EXPENSES				-163.52	_________
TOTAL FIXED EXPENSES				174.76	_________

TOTAL SPECIFIED EXPENSES				1216.68	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-338.28	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 9.C Estimated resource use for field operations, per acre
Clearfield contour levee rice
Flood irrigated, 33 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Clearfield	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
Class Act NG	pt					0.5000				
MSO	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CF(Levees)	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Clearpath	oz					9.6000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Newpath	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.30	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.50	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.50	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (CL)	40' Rigid	425 hp	0.126	1.00	Aug		0.12	0.12	0.12	0.11
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.67	0.67	6.02	0.49

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 9.D Estimated costs for field operations, per acre
Clearfield contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Clearfield	lb	85.80					3.54	89.34		89.34
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
Class Act NG	pt	1.00					0.04	1.04		1.04
MSO	pt	1.75					0.07	1.82		1.82
Seed Levees										
Rice Seed CF(Levees)	lb	15.84					0.65	16.49		16.49
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Clearpath	oz	42.82					1.77	44.59		44.59
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Newpath	oz	27.54					0.95	28.49		28.49
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				2.72		0.09	2.81		2.81
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				4.53		0.12	4.65		4.65
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				4.53		0.09	4.62		4.62
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (CL)	40' Rigid		8.16	10.65	4.65		0.32	23.78	42.16	65.94
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	4.50	82.25	15.42	34.37		4.24	140.78	67.59	208.37
TOTALS		790.00	109.61	39.49	71.07	0.00	31.75	1041.92	174.76	1216.68

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 9.E Estimated monthly income and expense flows per acre
Clearfield contour levee rice
Flood irrigated, 33 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	85.27	33.94	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.97	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.50	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	17.58	9.52	11.33	11.33	10.92	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	22.22	21.56	21.56	21.56	9.84	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.65	8.20	2.29	2.29	11.34	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	11.76	9.30	3.15	2.94	1.97	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	296.52	279.61	117.51	145.08	146.07	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-296.52	-279.61	-117.51	-145.08	732.33	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-335.86	-615.47	-732.98	-878.06	-145.73	-163.52

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 9.F Estimated returns for various price/yield combinations, per acre
Clearfield contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-655	-633	-611	-589	-567	-545	-523	-502	-480	-458	-436
			-830	-808	-786	-764	-742	-720	-698	-676	-654	-632	-610
60	96.00	bu	-601	-574	-548	-522	-495	-469	-443	-416	-390	-364	-337
			-775	-749	-723	-696	-670	-644	-617	-591	-565	-538	-512
70	112.00	bu	-546	-515	-485	-454	-423	-392	-362	-331	-300	-270	-239
			-721	-690	-659	-629	-598	-567	-536	-506	-475	-444	-414
80	128.00	bu	-492	-457	-421	-386	-351	-316	-281	-246	-211	-175	-140
			-666	-631	-596	-561	-526	-491	-456	-420	-385	-350	-315
90	144.00	bu	-437	-398	-358	-319	-279	-240	-200	-160	-121	-81	-42
			-612	-572	-533	-493	-454	-414	-375	-335	-296	-256	-217
100	160.00	bu	-383	-339	-295	-251	-207	-163	-119	-75	-31	12	56
			-557	-513	-470	-426	-382	-338	-294	-250	-206	-162	-118
110	176.00	bu	-328	-280	-231	-183	-135	-87	-38	9	57	106	154
			-503	-455	-406	-358	-310	-261	-213	-165	-116	-68	-20
120	192.00	bu	-274	-221	-168	-115	-63	-10	42	94	147	200	252
			-448	-396	-343	-290	-238	-185	-132	-79	-27	25	78
130	208.00	bu	-219	-162	-105	-48	8	65	123	180	237	294	351
			-394	-337	-280	-223	-165	-108	-51	5	62	119	176
140	224.00	bu	-165	-103	-42	19	80	142	203	265	326	388	449
			-339	-278	-216	-155	-93	-32	29	90	152	213	275
150	240.00	bu	-110	-44	21	87	153	218	284	350	416	482	548
			-285	-219	-153	-87	-21	44	110	175	241	307	373

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
Clearfield straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Clearpath	oz	4.46	9.6000	42.82	_________
Newpath	oz	4.59	6.0000	27.54	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Clearfield	lb	1.32	65.0000	85.80	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
Rice Seed CF(Levees)	lb	1.32	12.0000	15.84	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4999	9.64	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	2.3750	21.52	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.2043	21.18	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	21.9949	64.68	_________
REPAIR & MAINTENANCE					
Implements	acre	11.07	1.0000	11.07	_________
Tractors	acre	5.75	1.0000	5.75	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	30.62	1.0000	30.62	_________
TOTAL DIRECT EXPENSES				1000.78	_________
FIXED EXPENSES					
Implements	acre	30.87	1.0000	30.87	_________
Tractors	acre	44.45	1.0000	44.45	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.37	1.0000	92.37	_________
TOTAL FIXED EXPENSES				198.85	_________
TOTAL SPECIFIED EXPENSES				1199.63	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 10.B Summary of estimated costs and returns per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________

TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	152.85	1.0000	152.85	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	123.97	1.0000	123.97	_________
ADJUVANTS	acre	18.02	1.0000	18.02	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	2.3750	21.52	_________
OPERATOR LABOR	hour	19.28	0.6099	11.76	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	31.6056	92.93	_________
REPAIR & MAINTENANCE	acre	37.64	1.0000	37.64	_________
INTEREST ON OP. CAP.	acre	30.62	1.0000	30.62	_________

TOTAL DIRECT EXPENSES				1000.78	_________
RETURNS ABOVE DIRECT EXPENSES				-122.38	_________
TOTAL FIXED EXPENSES				198.85	_________

TOTAL SPECIFIED EXPENSES				1199.63	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-321.23	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 10.C Estimated resource use for field operations, per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Clearfield	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CF(Levees)	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Clearpath	oz					9.6000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Newpath	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
							-------	-------	-------	-------
TOTALS							0.60	0.60	4.01	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 10.D Estimated costs for field operations, per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Clearfield	lb	85.80					3.54	89.34		89.34
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CF(Levees)	lb	15.84					0.65	16.49		16.49
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Clearpath	oz	42.82					1.77	44.59		44.59
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Newpath	oz	27.54					0.95	28.49		28.49
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	2.25	66.66	14.99	23.01		3.33	110.24	97.30	207.54
TOTALS		787.75	92.93	37.64	51.84	0.00	30.62	1000.78	198.85	1199.63

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 10.E Estimated monthly income and expense flows per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	85.27	33.94	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.97	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	13.43	5.44	6.34	6.34	9.90	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	21.54	16.77	16.77	16.77	8.21	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.73	8.09	2.18	2.18	9.74	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	11.46	9.00	2.87	2.74	1.92	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	289.22	270.33	107.34	134.99	141.77	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-289.22	-270.33	-107.34	-134.99	736.63	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-328.56	-598.89	-706.23	-841.22	-104.59	-122.38

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs

Table 10.F Estimated returns for various price/yield combinations, per acre
Clearfield straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-614	-592	-570	-548	-526	-504	-482	-460	-438	-416	-395
			-813	-791	-769	-747	-725	-703	-681	-659	-637	-615	-593
60	96.00	bu	-560	-533	-507	-481	-454	-428	-401	-375	-349	-322	-296
			-758	-732	-706	-679	-653	-627	-600	-574	-548	-521	-495
70	112.00	bu	-505	-474	-444	-413	-382	-351	-321	-290	-259	-228	-198
			-704	-673	-642	-612	-581	-550	-519	-489	-458	-427	-396
80	128.00	bu	-451	-415	-380	-345	-310	-275	-240	-205	-169	-134	-99
			-649	-614	-579	-544	-509	-474	-439	-403	-368	-333	-298
90	144.00	bu	-396	-356	-317	-277	-238	-198	-159	-119	-80	-40	-1
			-595	-555	-516	-476	-437	-397	-358	-318	-279	-239	-200
100	160.00	bu	-341	-298	-254	-210	-166	-122	-78	-34	9	53	97
			-540	-496	-452	-409	-365	-321	-277	-233	-189	-145	-101
110	176.00	bu	-287	-239	-190	-142	-94	-45	2	50	99	147	195
			-486	-437	-389	-341	-293	-244	-196	-148	-99	-51	-3
120	192.00	bu	-232	-180	-127	-74	-22	30	83	136	188	241	294
			-431	-379	-326	-273	-220	-168	-115	-62	-10	42	95
130	208.00	bu	-178	-121	-64	-7	49	107	164	221	278	335	392
			-377	-320	-263	-205	-148	-91	-34	22	79	136	193
140	224.00	bu	-123	-62	-0	60	122	183	245	306	368	429	491
			-322	-261	-199	-138	-76	-15	46	107	169	230	292
150	240.00	bu	-69	-3	62	128	194	260	325	391	457	523	589
			-268	-202	-136	-70	-4	61	127	192	258	324	390

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
Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Clearpath	oz	4.46	9.6000	42.82	_________
Newpath	oz	4.59	6.0000	27.54	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Rice Seed Clearfield	lb	1.32	65.0000	85.80	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
Rice Seed CF(Levees)	lb	1.32	12.0000	15.84	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5281	10.18	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.1250	10.18	_________
Implements	hour	9.06	0.0375	0.34	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.4504	21.90	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	18.7364	55.09	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	5.94	1.0000	5.94	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	13.96	1.0000	13.96	_________
INTEREST ON OP. CAP.	acre	30.38	1.0000	30.38	_________
TOTAL DIRECT EXPENSES				989.07	_________
FIXED EXPENSES					
Implements	acre	31.89	1.0000	31.89	_________
Tractors	acre	45.94	1.0000	45.94	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.02	1.0000	92.02	_________
TOTAL FIXED EXPENSES				201.01	_________
TOTAL SPECIFIED EXPENSES				1190.08	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 11.B Summary of estimated costs and returns per acre
Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________

TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	152.85	1.0000	152.85	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	123.97	1.0000	123.97	_________
ADJUVANTS	acre	18.02	1.0000	18.02	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.1625	10.52	_________
OPERATOR LABOR	hour	19.28	0.6381	12.30	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	28.5932	84.06	_________
REPAIR & MAINTENANCE	acre	37.58	1.0000	37.58	_________
INTEREST ON OP. CAP.	acre	30.38	1.0000	30.38	_________

TOTAL DIRECT EXPENSES				989.07	_________
RETURNS ABOVE DIRECT EXPENSES				-110.67	_________
TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1190.08	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-311.68	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 11.C Estimated resource use for field operations, per acre
Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Clearfield	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CF(Levees)	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Clearpath	oz					9.6000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Newpath	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.63	0.63	2.82	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 11.D Estimated costs for field operations, per acre
Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		-----DIRECT COST-----								
		-----dollars-----								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Clearfield	lb	85.80					3.54	89.34		89.34
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CF(Levees)	lb	15.84					0.65	16.49		16.49
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Clearpath	oz	42.82					1.77	44.59		44.59
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Newpath	oz	27.54					0.95	28.49		28.49
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	10.17	57.79	14.93	12.55		3.09	98.53	99.46	197.99
TOTALS		795.67	84.06	37.58	41.38	0.00	30.38	989.07	201.01	1190.08

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 11.E Estimated monthly income and expense flows per acre
Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	85.27	33.94	22.50	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	12.08	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.97	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	11.36	2.72	3.62	3.62	9.67	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	19.71	14.37	14.37	14.37	8.37	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.85	8.01	2.10	2.10	9.80	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	11.63	8.82	2.73	2.64	1.93	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	293.53	264.95	102.00	129.69	141.77	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-293.53	-264.95	-102.00	-129.69	736.63	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-332.87	-597.82	-699.82	-829.51	-92.88	-110.67

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 11.F Estimated returns for various price/yield combinations, per acre
Clearfield straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-602	-580	-558	-537	-515	-493	-471	-449	-427	-405	-383
			-803	-781	-759	-738	-716	-694	-672	-650	-628	-606	-584
60	96.00	bu	-548	-522	-495	-469	-442	-416	-390	-363	-337	-311	-284
			-749	-723	-696	-670	-643	-617	-591	-564	-538	-512	-485
70	112.00	bu	-493	-463	-432	-401	-370	-340	-309	-278	-247	-217	-186
			-694	-664	-633	-602	-571	-541	-510	-479	-448	-418	-387
80	128.00	bu	-439	-404	-369	-333	-298	-263	-228	-193	-158	-123	-87
			-640	-605	-570	-534	-499	-464	-429	-394	-359	-324	-288
90	144.00	bu	-384	-345	-305	-266	-226	-187	-147	-108	-68	-29	10
			-585	-546	-506	-467	-427	-388	-348	-309	-269	-230	-190
100	160.00	bu	-330	-286	-242	-198	-154	-110	-66	-22	21	65	108
			-531	-487	-443	-399	-355	-311	-267	-223	-179	-136	-92
110	176.00	bu	-275	-227	-179	-130	-82	-34	14	62	110	159	207
			-476	-428	-380	-331	-283	-235	-186	-138	-90	-41	6
120	192.00	bu	-221	-168	-115	-63	-10	42	95	147	200	253	305
			-422	-369	-316	-264	-211	-158	-106	-53	-0	52	104
130	208.00	bu	-166	-109	-52	4	61	118	175	232	290	347	404
			-367	-310	-253	-196	-139	-82	-25	31	89	146	203
140	224.00	bu	-112	-50	10	72	133	195	256	318	379	441	502
			-313	-251	-190	-128	-67	-5	55	117	178	240	301
150	240.00	bu	-57	8	74	140	205	271	337	403	469	535	601
			-258	-192	-126	-61	4	70	136	202	268	334	400

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
Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Clearpath	oz	4.46	9.6000	42.82	_________
Newpath	oz	4.59	6.0000	27.54	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Clearfield	lb	1.32	65.0000	85.80	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
Rice Seed CF(Levees)	lb	1.32	12.0000	15.84	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	160.0000	48.00	_________
DRYING					
Dry Rice	bu	0.40	160.0000	64.00	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4228	8.15	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.0500	9.53	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	6.5294	19.20	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	15.4779	45.52	_________
REPAIR & MAINTENANCE					
Implements	acre	10.92	1.0000	10.92	_________
Tractors	acre	5.22	1.0000	5.22	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	11.80	1.0000	11.80	_________
INTEREST ON OP. CAP.	acre	29.36	1.0000	29.36	_________
TOTAL DIRECT EXPENSES				959.46	_________
FIXED EXPENSES					
Implements	acre	30.02	1.0000	30.02	_________
Tractors	acre	40.37	1.0000	40.37	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	91.67	1.0000	91.67	_________
TOTAL FIXED EXPENSES				193.22	_________
TOTAL SPECIFIED EXPENSES				1152.68	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 12.B Summary of estimated costs and returns per acre
Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	160.0000	878.40	_________
TOTAL INCOME				878.40	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	152.85	1.0000	152.85	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	123.97	1.0000	123.97	_________
ADJUVANTS	acre	18.02	1.0000	18.02	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	48.00	1.0000	48.00	_________
DRYING	acre	64.00	1.0000	64.00	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.0500	9.53	_________
OPERATOR LABOR	hour	19.28	0.5328	10.27	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	24.4137	71.79	_________
REPAIR & MAINTENANCE	acre	34.45	1.0000	34.45	_________
INTEREST ON OP. CAP.	acre	29.36	1.0000	29.36	_________
TOTAL DIRECT EXPENSES				959.46	_________
RETURNS ABOVE DIRECT EXPENSES				-81.06	_________
TOTAL FIXED EXPENSES				193.22	_________
TOTAL SPECIFIED EXPENSES				1152.68	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-274.28	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 12.C Estimated resource use for field operations, per acre
Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Clearfield	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed CF(Levees)	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Clearpath	oz					9.6000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Newpath	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	160.0000				
Dry Rice	bu			1.00	Aug	160.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000			1.05	
							-------	-------	-------	-------
TOTALS							0.53	0.53	2.61	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 12.D Estimated costs for field operations, per acre
Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Clearfield	lb	85.80					3.54	89.34		89.34
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed CF(Levees)	lb	15.84					0.65	16.49		16.49
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Clearpath	oz	42.82					1.77	44.59		44.59
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Newpath	oz	27.54					0.95	28.49		28.49
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	48.00					0.66	48.66		48.66
Dry Rice	bu	64.00					0.88	64.88		64.88
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre		45.52	11.80	9.53		2.07	68.92	91.67	160.59
TOTALS		785.50	71.79	34.45	38.36	0.00	29.36	959.46	193.22	1152.68

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 12.E Estimated monthly income and expense flows per acre
Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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	878.40	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	85.27	33.94	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.97	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	48.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	8.12	3.18	4.08	4.08	8.51	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	15.41	11.98	11.98	11.98	7.57	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	5.65	7.46	1.55	1.55	9.52	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	10.85	8.74	2.66	2.59	1.89	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	273.84	262.39	99.45	127.16	139.49	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-273.84	-262.39	-99.45	-127.16	738.91	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-313.18	-575.57	-675.02	-802.18	-63.27	-81.06

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs

Table 12.F Estimated returns for various price/yield combinations, per acre
Clearfield straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	80.00	bu	-573	-551	-529	-507	-485	-463	-441	-419	-397	-375	-353
			-766	-744	-722	-700	-678	-656	-634	-612	-590	-568	-546
60	96.00	bu	-518	-492	-466	-439	-413	-387	-360	-334	-307	-281	-255
			-711	-685	-659	-632	-606	-580	-553	-527	-501	-474	-448
70	112.00	bu	-464	-433	-402	-372	-341	-310	-279	-249	-218	-187	-156
			-657	-626	-595	-565	-534	-503	-472	-442	-411	-380	-350
80	128.00	bu	-409	-374	-339	-304	-269	-234	-198	-163	-128	-93	-58
			-602	-567	-532	-497	-462	-427	-392	-356	-321	-286	-251
90	144.00	bu	-355	-315	-276	-236	-197	-157	-118	-78	-38	0	40
			-548	-508	-469	-429	-390	-350	-311	-271	-232	-192	-153
100	160.00	bu	-300	-256	-212	-168	-124	-81	-37	6	50	94	138
			-493	-449	-406	-362	-318	-274	-230	-186	-142	-98	-54
110	176.00	bu	-246	-197	-149	-101	-52	-4	43	92	140	188	236
			-439	-391	-342	-294	-246	-197	-149	-101	-52	-4	43
120	192.00	bu	-191	-138	-86	-33	19	71	124	177	230	282	335
			-384	-332	-279	-226	-174	-121	-68	-15	36	89	142
130	208.00	bu	-137	-79	-22	34	91	148	205	262	319	376	433
			-330	-273	-216	-159	-101	-44	12	69	126	183	240
140	224.00	bu	-82	-21	40	101	163	224	286	347	409	470	532
			-275	-214	-152	-91	-29	31	93	154	216	277	339
150	240.00	bu	-28	37	103	169	235	301	367	433	499	564	630
			-221	-155	-89	-23	42	108	174	239	305	371	437

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
Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	2.1000	15.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Preface	oz	4.10	11.0000	45.10	_________
Facet L	pt	17.78	2.0000	35.56	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	14.4000	17.71	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Fullpage Hyb Tr	lb	6.34	23.0000	145.82	_________
Rice Seed FPH(Levee)	lb	6.34	4.2500	26.95	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5475	10.56	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	3.5250	31.96	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.6209	22.40	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	26.8827	79.05	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	6.08	1.0000	6.08	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	34.08	1.0000	34.08	_________

TOTAL DIRECT EXPENSES				1094.59	_________
FIXED EXPENSES					
Implements	acre	31.58	1.0000	31.58	_________
Tractors	acre	46.96	1.0000	46.96	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	59.44	1.0000	59.44	_________

TOTAL FIXED EXPENSES				169.14	_________

TOTAL SPECIFIED EXPENSES				1263.73	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 13.B Summary of estimated costs and returns per acre
Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	53.43	1.0000	53.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	163.15	1.0000	163.15	_________
INSECTICIDES	acre	19.95	1.0000	19.95	_________
SEED/PLANTS	acre	174.00	1.0000	174.00	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	3.5250	31.96	_________
OPERATOR LABOR	hour	19.28	0.6575	12.68	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	36.9100	108.52	_________
REPAIR & MAINTENANCE	acre	38.07	1.0000	38.07	_________
INTEREST ON OP. CAP.	acre	34.08	1.0000	34.08	_________

TOTAL DIRECT EXPENSES				1094.59	_________
RETURNS ABOVE DIRECT EXPENSES				-106.39	_________
TOTAL FIXED EXPENSES				169.14	_________

TOTAL SPECIFIED EXPENSES				1263.73	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-275.53	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 13.C Estimated resource use for field operations, per acre
Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Fullpage Hyb Tr	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed FPH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Preface	oz					5.0000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.80	Jul	1.8000				
Tenchu SG	oz					14.4000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.65	0.65	5.21	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 13.D Estimated costs for field operations, per acre
Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in., 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Fullpage Hyb Tr	lb	145.82					6.02	151.84		151.84
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed FPH(Levee)	lb	26.95					1.11	28.06		28.06
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Preface	oz	20.50					0.85	21.35		21.35
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	13.50					0.28	13.78		13.78
Tenchu SG	oz	17.71					0.37	18.08		18.08
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	4.50	82.25	15.42	34.37		4.24	140.78	67.59	208.37
TOTALS		850.72	108.52	38.07	63.20	0.00	34.08	1094.59	169.14	1263.73

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 13.E Estimated monthly income and expense flows per acre
Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	15.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	98.51	31.00	22.50	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	19.95	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	174.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.50	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	17.58	7.71	8.61	8.61	10.30	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	22.22	21.56	21.56	21.56	8.75	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.65	8.20	2.29	2.29	9.92	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	14.38	9.43	3.08	2.44	2.12	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	362.41	283.49	114.72	119.75	157.09	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-362.41	-283.49	-114.72	-119.75	831.11	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-401.75	-685.24	-799.96	-919.71	-88.60	-106.39

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 13.F Estimated returns for various price/yield combinations, per acre
Fullpage hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-660	-635	-610	-586	-561	-536	-511	-487	-462	-437	-413
			-829	-804	-779	-755	-730	-705	-681	-656	-631	-606	-582
60	108.00	bu	-598	-569	-539	-509	-480	-450	-420	-391	-361	-331	-302
			-767	-738	-708	-679	-649	-619	-590	-560	-530	-501	-471
70	126.00	bu	-537	-502	-468	-433	-399	-364	-329	-295	-260	-226	-191
			-706	-672	-637	-602	-568	-533	-499	-464	-429	-395	-360
80	144.00	bu	-476	-436	-397	-357	-318	-278	-238	-199	-159	-120	-80
			-645	-605	-566	-526	-487	-447	-408	-368	-329	-289	-249
90	162.00	bu	-414	-370	-325	-281	-236	-192	-147	-103	-59	-14	29
			-583	-539	-494	-450	-406	-361	-317	-272	-228	-183	-139
100	180.00	bu	-353	-304	-254	-205	-155	-106	-56	-7	41	91	140
			-522	-473	-423	-374	-324	-275	-226	-176	-127	-77	-28
110	198.00	bu	-292	-237	-183	-129	-74	-20	34	88	142	197	251
			-461	-406	-352	-298	-243	-189	-135	-80	-26	27	82
120	216.00	bu	-230	-171	-112	-52	6	65	124	184	243	302	362
			-399	-340	-281	-222	-162	-103	-44	15	74	133	193
130	234.00	bu	-169	-105	-40	23	87	151	215	280	344	408	472
			-338	-274	-210	-145	-81	-17	46	111	175	239	303
140	252.00	bu	-108	-38	30	99	168	237	306	376	445	514	583
			-277	-208	-138	-69	-0	68	137	207	276	345	414
150	270.00	bu	-46	27	101	175	249	323	397	472	546	620	694
			-215	-141	-67	6	80	154	228	302	377	451	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 14.A Estimated costs per acre
Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	________
App by Air (10 gal)	appl	9.50	1.0000	9.50	________
App by Air (3 gal)	appl	7.50	1.3000	9.75	________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	________
DAP	cwt	43.41	0.5000	21.71	________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	________
NBPT	pt	18.20	0.8000	14.56	________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	________
2,4-D Amine 4	pt	2.69	2.0000	5.38	________
Command 3ME	pt	13.75	1.3000	17.88	________
Sharpen	oz	6.91	3.0000	20.73	________
Preface	oz	4.10	11.0000	45.10	________
Facet L	pt	17.78	2.0000	35.56	________
Aim	oz	4.27	1.5000	6.40	________
Clincher SF	oz	3.00	7.5000	22.50	________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	________
Warrior II ZT	oz	3.73	0.6000	2.24	________
SEED/PLANTS					
Rice Fullpage Hyb Tr	lb	6.34	23.0000	145.82	________
Rice Seed FPH(Levee)	lb	6.34	4.2500	26.95	________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	________
Class Act NG	pt	2.00	0.5000	1.00	________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	________
OPERATOR LABOR					
Tractors	hour	19.28	0.4999	9.64	________
Harvesters	hour	19.28	0.1100	2.12	________
IRRIGATE LABOR					
Special Labor	hour	9.06	2.3750	21.52	________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	________
Implements	hour	9.06	0.0785	0.71	________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	________
DIESEL FUEL					
Tractors	gal	2.94	7.2043	21.18	________
Harvesters	gal	2.94	2.4063	7.07	________
Flood Irr.	gal	2.94	21.9949	64.68	________
REPAIR & MAINTENANCE					
Implements	acre	11.07	1.0000	11.07	________
Tractors	acre	5.75	1.0000	5.75	________
Harvesters	acre	6.51	1.0000	6.51	________
Flood Irr.	acre	14.31	1.0000	14.31	________
INTEREST ON OP. CAP.	acre	32.87	1.0000	32.87	________
TOTAL DIRECT EXPENSES				1049.88	________
FIXED EXPENSES					
Implements	acre	30.87	1.0000	30.87	________
Tractors	acre	44.45	1.0000	44.45	________
Harvesters	acre	31.16	1.0000	31.16	________
Flood Irr.	acre	92.37	1.0000	92.37	________
TOTAL FIXED EXPENSES				198.85	________
TOTAL SPECIFIED EXPENSES				1248.73	________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 14.B Summary of estimated costs and returns per acre
Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	47.43	1.0000	47.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	163.15	1.0000	163.15	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	174.00	1.0000	174.00	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	2.3750	21.52	_________
OPERATOR LABOR	hour	19.28	0.6099	11.76	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	31.6056	92.93	_________
REPAIR & MAINTENANCE	acre	37.64	1.0000	37.64	_________
INTEREST ON OP. CAP.	acre	32.87	1.0000	32.87	_________

TOTAL DIRECT EXPENSES				1049.88	_________
RETURNS ABOVE DIRECT EXPENSES				-61.68	_________
TOTAL FIXED EXPENSES				198.85	_________

TOTAL SPECIFIED EXPENSES				1248.73	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-260.53	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 14.C Estimated resource use for field operations, per acre
Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Fullpage Hyb Tr	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed FPH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Preface	oz					5.0000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.60	0.60	4.01	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 14.D Estimated costs for field operations, per acre
Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Fullpage Hyb Tr	lb	145.82					6.02	151.84		151.84
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed FPH(Levee)	lb	26.95					1.11	28.06		28.06
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Preface	oz	20.50					0.85	21.35		21.35
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	2.25	66.66	14.99	23.01		3.33	110.24	97.30	207.54
TOTALS		834.60	92.93	37.64	51.84	0.00	32.87	1049.88	198.85	1248.73

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 14.E Estimated monthly income and expense flows per acre
Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	98.51	31.00	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	174.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	13.43	5.44	6.34	6.34	9.90	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	21.54	16.77	16.77	16.77	8.21	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.73	8.09	2.18	2.18	9.74	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	14.08	9.19	2.87	1.99	2.11	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	355.11	276.08	107.34	98.26	155.96	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-355.11	-276.08	-107.34	-98.26	832.24	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-394.45	-670.53	-777.87	-876.13	-43.89	-61.68

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 14.F Estimated returns for various price/yield combinations, per acre
Fullpage hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-615	-590	-566	-541	-516	-491	-467	-442	-417	-393	-368
			-814	-789	-764	-740	-715	-690	-666	-641	-616	-591	-567
60	108.00	bu	-554	-524	-494	-465	-435	-405	-376	-346	-316	-287	-257
			-752	-723	-693	-664	-634	-604	-575	-545	-515	-486	-456
70	126.00	bu	-492	-458	-423	-388	-354	-319	-285	-250	-216	-181	-146
			-691	-657	-622	-587	-553	-518	-484	-449	-414	-380	-345
80	144.00	bu	-431	-391	-352	-312	-273	-233	-194	-154	-115	-75	-36
			-630	-590	-551	-511	-472	-432	-393	-353	-314	-274	-234
90	162.00	bu	-370	-325	-281	-236	-192	-147	-103	-58	-14	30	74
			-568	-524	-479	-435	-391	-346	-302	-257	-213	-168	-124
100	180.00	bu	-308	-259	-209	-160	-111	-61	-12	37	86	135	185
			-507	-458	-408	-359	-309	-260	-211	-161	-112	-62	-13
110	198.00	bu	-247	-193	-138	-84	-29	24	78	133	187	241	296
			-446	-391	-337	-283	-228	-174	-120	-65	-11	42	97
120	216.00	bu	-186	-126	-67	-8	51	110	169	228	288	347	406
			-384	-325	-266	-207	-147	-88	-29	30	89	148	208
130	234.00	bu	-124	-60	3	67	132	196	260	324	389	453	517
			-323	-259	-195	-130	-66	-2	61	126	190	254	318
140	252.00	bu	-63	5	74	144	213	282	351	420	490	559	628
			-262	-193	-123	-54	14	83	152	222	291	360	429
150	270.00	bu	-2	72	146	220	294	368	442	516	590	665	739
			-200	-126	-52	21	95	169	243	317	392	466	540

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 15.A Estimated costs per acre
Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	________
App by Air (10 gal)	appl	9.50	1.0000	9.50	________
App by Air (3 gal)	appl	7.50	1.3000	9.75	________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	________
DAP	cwt	43.41	0.5000	21.71	________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	________
NBPT	pt	18.20	0.8000	14.56	________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	________
2,4-D Amine 4	pt	2.69	2.0000	5.38	________
Command 3ME	pt	13.75	1.3000	17.88	________
Sharpen	oz	6.91	3.0000	20.73	________
Preface	oz	4.10	11.0000	45.10	________
Facet L	pt	17.78	2.0000	35.56	________
Aim	oz	4.27	1.5000	6.40	________
Clincher SF	oz	3.00	7.5000	22.50	________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	________
Warrior II ZT	oz	3.73	0.6000	2.24	________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	________
SEED/PLANTS					
Rice Fullpage Hyb Tr	lb	6.34	23.0000	145.82	________
Rice Seed FPH(Levee)	lb	6.34	4.2500	26.95	________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	________
Class Act NG	pt	2.00	0.5000	1.00	________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	________
OPERATOR LABOR					
Tractors	hour	19.28	0.5281	10.18	________
Harvesters	hour	19.28	0.1100	2.12	________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.1250	10.18	________
Implements	hour	9.06	0.0375	0.34	________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	________
Implements	hour	9.06	0.0785	0.71	________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	________
DIESEL FUEL					
Tractors	gal	2.94	7.4504	21.90	________
Harvesters	gal	2.94	2.4063	7.07	________
Flood Irr.	gal	2.94	18.7364	55.09	________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	________
Tractors	acre	5.94	1.0000	5.94	________
Harvesters	acre	6.51	1.0000	6.51	________
Flood Irr.	acre	13.96	1.0000	13.96	________
INTEREST ON OP. CAP.	acre	32.63	1.0000	32.63	________

TOTAL DIRECT EXPENSES				1038.17	________
FIXED EXPENSES					
Implements	acre	31.89	1.0000	31.89	________
Tractors	acre	45.94	1.0000	45.94	________
Harvesters	acre	31.16	1.0000	31.16	________
Flood Irr.	acre	92.02	1.0000	92.02	________

TOTAL FIXED EXPENSES				201.01	________

TOTAL SPECIFIED EXPENSES				1239.18	________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 15.B Summary of estimated costs and returns per acre
Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	47.43	1.0000	47.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	163.15	1.0000	163.15	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	174.00	1.0000	174.00	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.1625	10.52	_________
OPERATOR LABOR	hour	19.28	0.6381	12.30	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	28.5932	84.06	_________
REPAIR & MAINTENANCE	acre	37.58	1.0000	37.58	_________
INTEREST ON OP. CAP.	acre	32.63	1.0000	32.63	_________

TOTAL DIRECT EXPENSES				1038.17	_________
RETURNS ABOVE DIRECT EXPENSES				-49.97	_________
TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1239.18	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-250.98	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 15.C Estimated resource use for field operations, per acre
Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Fullpage Hyb Tr	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed FPH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Preface	oz					5.0000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.63	0.63	2.82	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 15.D Estimated costs for field operations, per acre
Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Fullpage Hyb Tr	lb	145.82					6.02	151.84		151.84
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed FPH(Levee)	lb	26.95					1.11	28.06		28.06
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Preface	oz	20.50					0.85	21.35		21.35
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	10.17	57.79	14.93	12.55		3.09	98.53	99.46	197.99
TOTALS		842.52	84.06	37.58	41.38	0.00	32.63	1038.17	201.01	1239.18

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 15.E Estimated monthly income and expense flows per acre
Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	98.51	31.00	22.50	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	12.08	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	174.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	11.36	2.72	3.62	3.62	9.67	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	19.71	14.37	14.37	14.37	8.37	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.85	8.01	2.10	2.10	9.80	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	14.25	9.01	2.73	1.89	2.12	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	359.42	270.70	102.00	92.96	155.96	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-359.42	-270.70	-102.00	-92.96	832.24	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-398.76	-669.46	-771.46	-864.42	-32.18	-49.97

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 15.F Estimated returns for various price/yield combinations, per acre
Fullpage hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-603	-579	-554	-529	-504	-480	-455	-430	-406	-381	-356
			-804	-780	-755	-730	-705	-681	-656	-631	-607	-582	-557
60	108.00	bu	-542	-512	-483	-453	-423	-394	-364	-334	-305	-275	-245
			-743	-713	-684	-654	-624	-595	-565	-535	-506	-476	-446
70	126.00	bu	-481	-446	-411	-377	-342	-308	-273	-238	-204	-169	-135
			-682	-647	-612	-578	-543	-509	-474	-439	-405	-370	-336
80	144.00	bu	-419	-380	-340	-301	-261	-222	-182	-143	-103	-63	-24
			-620	-581	-541	-502	-462	-423	-383	-344	-304	-264	-225
90	162.00	bu	-358	-313	-269	-224	-180	-136	-91	-47	-2	41	86
			-559	-514	-470	-425	-381	-337	-292	-248	-203	-159	-114
100	180.00	bu	-297	-247	-198	-148	-99	-49	-0	48	98	147	197
			-498	-448	-399	-349	-300	-250	-201	-152	-102	-53	-3
110	198.00	bu	-235	-181	-126	-72	-18	36	90	144	199	253	307
			-436	-382	-327	-273	-219	-164	-110	-56	-1	52	106
120	216.00	bu	-174	-115	-55	3	62	122	181	240	300	359	418
			-375	-316	-256	-197	-138	-78	-19	39	98	158	217
130	234.00	bu	-112	-48	15	79	143	208	272	336	400	465	529
			-314	-249	-185	-121	-57	7	71	135	199	264	328
140	252.00	bu	-51	17	86	155	225	294	363	432	501	570	640
			-252	-183	-114	-45	24	93	162	231	300	369	439
150	270.00	bu	9	83	157	232	306	380	454	528	602	676	750
			-191	-117	-43	31	105	179	253	327	401	475	549

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 16.A Estimated costs per acre
Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Preface	oz	4.10	11.0000	45.10	_________
Facet L	pt	17.78	2.0000	35.56	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Fullpage Hyb Tr	lb	6.34	23.0000	145.82	_________
Rice Seed FPH(Levee)	lb	6.34	4.2500	26.95	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4228	8.15	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.0500	9.53	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	6.5294	19.20	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	15.4779	45.52	_________
REPAIR & MAINTENANCE					
Implements	acre	10.92	1.0000	10.92	_________
Tractors	acre	5.22	1.0000	5.22	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	11.80	1.0000	11.80	_________
INTEREST ON OP. CAP.	acre	31.61	1.0000	31.61	_________
TOTAL DIRECT EXPENSES				1008.56	_________
FIXED EXPENSES					
Implements	acre	30.02	1.0000	30.02	_________
Tractors	acre	40.37	1.0000	40.37	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	91.67	1.0000	91.67	_________
TOTAL FIXED EXPENSES				193.22	_________
TOTAL SPECIFIED EXPENSES				1201.78	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 16.B Summary of estimated costs and returns per acre
Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________
TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	47.43	1.0000	47.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	163.15	1.0000	163.15	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	174.00	1.0000	174.00	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.0500	9.53	_________
OPERATOR LABOR	hour	19.28	0.5328	10.27	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	24.4137	71.79	_________
REPAIR & MAINTENANCE	acre	34.45	1.0000	34.45	_________
INTEREST ON OP. CAP.	acre	31.61	1.0000	31.61	_________
TOTAL DIRECT EXPENSES				1008.56	_________
RETURNS ABOVE DIRECT EXPENSES				-20.36	_________
TOTAL FIXED EXPENSES				193.22	_________
TOTAL SPECIFIED EXPENSES				1201.78	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-213.58	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 16.C Estimated resource use for field operations, per acre
Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Fullpage Hyb Tr	lb					23.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed FPH(Levee)	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Preface	oz					5.0000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000			1.05	
TOTALS							0.53	0.53	2.61	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 16.D Estimated costs for field operations, per acre
Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Fullpage Hyb Tr	lb	145.82					6.02	151.84		151.84
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed FPH(Levee)	lb	26.95					1.11	28.06		28.06
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Preface	oz	20.50					0.85	21.35		21.35
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre		45.52	11.80	9.53		2.07	68.92	91.67	160.59
TOTALS		832.35	71.79	34.45	38.36	0.00	31.61	1008.56	193.22	1201.78

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 16.E Estimated monthly income and expense flows per acre
Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	98.51	31.00	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	174.00	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	8.12	3.18	4.08	4.08	8.51	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	15.41	11.98	11.98	11.98	7.57	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	5.65	7.46	1.55	1.55	9.52	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	13.47	8.93	2.66	1.84	2.08	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	339.73	268.14	99.45	90.43	153.68	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-339.73	-268.14	-99.45	-90.43	834.52	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-379.07	-647.21	-746.66	-837.09	-2.57	-20.36

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 16.F Estimated returns for various price/yield combinations, per acre
Fullpage hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

PRODUCT			PERCENT 75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-574	-549	-524	-500	-475	-450	-425	-401	-376	-351	-327
			-767	-742	-717	-693	-668	-643	-619	-594	-569	-544	-520
60	108.00	bu	-512	-483	-453	-423	-394	-364	-334	-305	-275	-245	-216
			-705	-676	-646	-617	-587	-557	-528	-498	-468	-439	-409
70	126.00	bu	-451	-416	-382	-347	-313	-278	-243	-209	-174	-140	-105
			-644	-610	-575	-540	-506	-471	-437	-402	-367	-333	-298
80	144.00	bu	-390	-350	-311	-271	-231	-192	-152	-113	-73	-34	5
			-583	-543	-504	-464	-425	-385	-346	-306	-267	-227	-188
90	162.00	bu	-328	-284	-239	-195	-150	-106	-61	-17	27	71	115
			-521	-477	-433	-388	-344	-299	-255	-210	-166	-121	-77
100	180.00	bu	-267	-218	-168	-119	-69	-20	29	78	127	177	226
			-460	-411	-361	-312	-262	-213	-164	-114	-65	-15	33
110	198.00	bu	-206	-151	-97	-43	11	65	120	174	228	283	337
			-399	-344	-290	-236	-181	-127	-73	-18	35	89	144
120	216.00	bu	-144	-85	-26	33	92	151	211	270	329	388	448
			-337	-278	-219	-160	-100	-41	17	77	136	195	254
130	234.00	bu	-83	-19	45	109	173	237	302	366	430	494	558
			-276	-212	-148	-83	-19	44	108	173	237	301	365
140	252.00	bu	-22	47	116	185	254	323	393	462	531	600	669
			-215	-146	-76	-7	61	130	199	268	338	407	476
150	270.00	bu	39	113	187	261	335	409	483	558	632	706	780
			-153	-79	-5	68	142	216	290	364	439	513	587

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 17.A Estimated costs per acre
Max Ace hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	2.1000	15.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
HighCard	oz	1.14	15.5000	17.67	_________
Facet L	pt	17.78	2.0000	35.56	_________
Preface	oz	4.10	6.0000	24.60	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	14.4000	17.71	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Max-Ace	lb	8.89	26.7500	237.81	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5475	10.56	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	3.5250	31.96	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.6209	22.40	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	26.8827	79.05	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	6.08	1.0000	6.08	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	36.64	1.0000	36.64	_________
TOTAL DIRECT EXPENSES				1159.36	_________
FIXED EXPENSES					
Implements	acre	31.58	1.0000	31.58	_________
Tractors	acre	46.96	1.0000	46.96	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	59.44	1.0000	59.44	_________
TOTAL FIXED EXPENSES				169.14	_________
TOTAL SPECIFIED EXPENSES				1328.50	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 17.B Summary of estimated costs and returns per acre
Max Ace hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________
TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	53.43	1.0000	53.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	160.32	1.0000	160.32	_________
INSECTICIDES	acre	19.95	1.0000	19.95	_________
SEED/PLANTS	acre	239.04	1.0000	239.04	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	3.5250	31.96	_________
OPERATOR LABOR	hour	19.28	0.6575	12.68	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	36.9100	108.52	_________
REPAIR & MAINTENANCE	acre	38.07	1.0000	38.07	_________
INTEREST ON OP. CAP.	acre	36.64	1.0000	36.64	_________
TOTAL DIRECT EXPENSES				1159.36	_________
RETURNS ABOVE DIRECT EXPENSES				-171.16	_________
TOTAL FIXED EXPENSES				169.14	_________
TOTAL SPECIFIED EXPENSES				1328.50	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-340.30	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 17.C Estimated resource use for field operations, per acre
Max Ace hybrid contour levee rice
Flood irrigated, 33 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Max-Ace	lb					22.5000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Max-Ace	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
HighCard	oz					15.5000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.80	Jul	1.8000				
Tenchu SG	oz					14.4000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.65	0.65	5.21	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 17.D Estimated costs for field operations, per acre
Max Ace hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Max-Ace	lb	200.03					8.25	208.28		208.28
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Max-Ace	lb	37.78					1.56	39.34		39.34
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
HighCard	oz	17.67					0.73	18.40		18.40
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	13.50					0.28	13.78		13.78
Tenchu SG	oz	17.71					0.37	18.08		18.08
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	4.50	82.25	15.42	34.37		4.24	140.78	67.59	208.37
TOTALS		912.93	108.52	38.07	63.20	0.00	36.64	1159.36	169.14	1328.50

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 17.E Estimated monthly income and expense flows per acre
Max Ace hybrid contour levee rice
Flood irrigated, 33 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	15.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	95.68	31.00	22.50	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	19.95	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	239.04	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.50	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	17.58	7.71	8.61	8.61	10.30	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	22.22	21.56	21.56	21.56	8.75	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.65	8.20	2.29	2.29	9.92	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	16.94	9.43	3.08	2.44	2.12	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	427.18	283.49	114.72	119.75	157.09	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-427.18	-283.49	-114.72	-119.75	831.11	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-466.52	-750.01	-864.73	-984.48	-153.37	-171.16

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 17.F Estimated returns for various price/yield combinations, per acre
Max Ace hybrid contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-724	-700	-675	-650	-626	-601	-576	-551	-527	-502	-477
			-894	-869	-844	-819	-795	-770	-745	-721	-696	-671	-647
60	108.00	bu	-663	-633	-604	-574	-544	-515	-485	-456	-426	-396	-367
			-832	-803	-773	-743	-714	-684	-654	-625	-595	-565	-536
70	126.00	bu	-602	-567	-533	-498	-463	-429	-394	-360	-325	-290	-256
			-771	-736	-702	-667	-633	-598	-563	-529	-494	-460	-425
80	144.00	bu	-540	-501	-461	-422	-382	-343	-303	-264	-224	-185	-145
			-710	-670	-630	-591	-551	-512	-472	-433	-393	-354	-314
90	162.00	bu	-479	-435	-390	-346	-301	-257	-212	-168	-123	-79	-34
			-648	-604	-559	-515	-470	-426	-381	-337	-292	-248	-204
100	180.00	bu	-418	-368	-319	-269	-220	-171	-121	-72	-22	26	75
			-587	-537	-488	-439	-389	-340	-290	-241	-192	-142	-93
110	198.00	bu	-356	-302	-248	-193	-139	-85	-30	23	77	132	186
			-526	-471	-417	-362	-308	-254	-199	-145	-91	-36	17
120	216.00	bu	-295	-236	-176	-117	-58	0	60	119	178	238	297
			-464	-405	-346	-286	-227	-168	-108	-49	9	68	128
130	234.00	bu	-234	-169	-105	-41	22	86	151	215	279	343	408
			-403	-339	-274	-210	-146	-82	-17	46	110	174	239
140	252.00	bu	-172	-103	-34	34	103	173	242	311	380	449	518
			-341	-272	-203	-134	-65	3	73	142	211	280	349
150	270.00	bu	-111	-37	36	110	184	259	333	407	481	555	629
			-280	-206	-132	-58	15	89	164	238	312	386	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 18.A Estimated costs per acre
Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	________
App by Air (10 gal)	appl	9.50	1.0000	9.50	________
App by Air (3 gal)	appl	7.50	1.3000	9.75	________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	________
DAP	cwt	43.41	0.5000	21.71	________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	________
NBPT	pt	18.20	0.8000	14.56	________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	________
2,4-D Amine 4	pt	2.69	2.0000	5.38	________
Command 3ME	pt	13.75	1.3000	17.88	________
Sharpen	oz	6.91	3.0000	20.73	________
HighCard	oz	1.14	15.5000	17.67	________
Facet L	pt	17.78	2.0000	35.56	________
Preface	oz	4.10	6.0000	24.60	________
Aim	oz	4.27	1.5000	6.40	________
Clincher SF	oz	3.00	7.5000	22.50	________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	________
Warrior II ZT	oz	3.73	0.6000	2.24	________
SEED/PLANTS					
Rice Seed Max-Ace	lb	8.89	26.7500	237.81	________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	________
Class Act NG	pt	2.00	0.5000	1.00	________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	________
OPERATOR LABOR					
Tractors	hour	19.28	0.4999	9.64	________
Harvesters	hour	19.28	0.1100	2.12	________
IRRIGATE LABOR					
Special Labor	hour	9.06	2.3750	21.52	________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	________
Implements	hour	9.06	0.0785	0.71	________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	________
DIESEL FUEL					
Tractors	gal	2.94	7.2043	21.18	________
Harvesters	gal	2.94	2.4063	7.07	________
Flood Irr.	gal	2.94	21.9949	64.68	________
REPAIR & MAINTENANCE					
Implements	acre	11.07	1.0000	11.07	________
Tractors	acre	5.75	1.0000	5.75	________
Harvesters	acre	6.51	1.0000	6.51	________
Flood Irr.	acre	14.31	1.0000	14.31	________
INTEREST ON OP. CAP.	acre	35.43	1.0000	35.43	________
TOTAL DIRECT EXPENSES				1114.65	________
FIXED EXPENSES					
Implements	acre	30.87	1.0000	30.87	________
Tractors	acre	44.45	1.0000	44.45	________
Harvesters	acre	31.16	1.0000	31.16	________
Flood Irr.	acre	92.37	1.0000	92.37	________
TOTAL FIXED EXPENSES				198.85	________
TOTAL SPECIFIED EXPENSES				1313.50	________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 18.B Summary of estimated costs and returns per acre
Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	47.43	1.0000	47.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	160.32	1.0000	160.32	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	239.04	1.0000	239.04	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	2.3750	21.52	_________
OPERATOR LABOR	hour	19.28	0.6099	11.76	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	31.6056	92.93	_________
REPAIR & MAINTENANCE	acre	37.64	1.0000	37.64	_________
INTEREST ON OP. CAP.	acre	35.43	1.0000	35.43	_________

TOTAL DIRECT EXPENSES				1114.65	_________
RETURNS ABOVE DIRECT EXPENSES				-126.45	_________
TOTAL FIXED EXPENSES				198.85	_________

TOTAL SPECIFIED EXPENSES				1313.50	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-325.30	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 18.C Estimated resource use for field operations, per acre
Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Max-Ace	lb					22.5000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Max-Ace	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
HighCard	oz					15.5000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.60	0.60	4.01	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 18.D Estimated costs for field operations, per acre
Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

OPERATION/	SIZE/	DIRECT COST							FIXED	TOTAL
OPERATING INPUT	UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	COST	COST
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Max-Ace	lb	200.03					8.25	208.28		208.28
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Max-Ace	lb	37.78					1.56	39.34		39.34
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
HighCard	oz	17.67					0.73	18.40		18.40
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	2.25	66.66	14.99	23.01		3.33	110.24	97.30	207.54
TOTALS		896.81	92.93	37.64	51.84	0.00	35.43	1114.65	198.85	1313.50

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 18.E Estimated monthly income and expense flows per acre
Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	95.68	31.00	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	239.04	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	13.43	5.44	6.34	6.34	9.90	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	21.54	16.77	16.77	16.77	8.21	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.73	8.09	2.18	2.18	9.74	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	16.64	9.19	2.87	1.99	2.11	0.12
	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	419.88	276.08	107.34	98.26	155.96	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-419.88	-276.08	-107.34	-98.26	832.24	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-459.22	-735.30	-842.64	-940.90	-108.66	-126.45

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 18.F Estimated returns for various price/yield combinations, per acre
Max-Ace hybrid straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-680	-655	-630	-606	-581	-556	-531	-507	-482	-457	-433
			-879	-854	-829	-804	-780	-755	-730	-706	-681	-656	-632
60	108.00	bu	-618	-589	-559	-529	-500	-470	-440	-411	-381	-352	-322
			-817	-788	-758	-728	-699	-669	-639	-610	-580	-550	-521
70	126.00	bu	-557	-522	-488	-453	-419	-384	-350	-315	-280	-246	-211
			-756	-721	-687	-652	-618	-583	-548	-514	-479	-445	-410
80	144.00	bu	-496	-456	-417	-377	-338	-298	-259	-219	-179	-140	-100
			-695	-655	-615	-576	-536	-497	-457	-418	-378	-339	-299
90	162.00	bu	-434	-390	-345	-301	-256	-212	-168	-123	-79	-34	9
			-633	-589	-544	-500	-455	-411	-366	-322	-277	-233	-189
100	180.00	bu	-373	-324	-274	-225	-175	-126	-77	-27	21	71	120
			-572	-522	-473	-424	-374	-325	-275	-226	-177	-127	-78
110	198.00	bu	-312	-257	-203	-149	-94	-40	13	68	122	177	231
			-511	-456	-402	-347	-293	-239	-184	-130	-76	-21	32
120	216.00	bu	-250	-191	-132	-72	-13	45	104	164	223	282	342
			-449	-390	-331	-271	-212	-153	-93	-34	24	83	143
130	234.00	bu	-189	-125	-61	3	67	131	195	260	324	388	452
			-388	-324	-259	-195	-131	-67	-2	61	125	189	254
140	252.00	bu	-128	-58	10	79	148	217	286	356	425	494	563
			-326	-257	-188	-119	-50	18	88	157	226	295	364
150	270.00	bu	-66	7	81	155	229	303	377	452	526	600	674
			-265	-191	-117	-43	30	104	179	253	327	401	475

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 19.A Estimated costs per acre
Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	_________
NBPT	pt	18.20	0.8000	14.56	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
HighCard	oz	1.14	15.5000	17.67	_________
Facet L	pt	17.78	2.0000	35.56	_________
Preface	oz	4.10	6.0000	24.60	_________
Aim	oz	4.27	1.5000	6.40	_________
Clincher SF	oz	3.00	7.5000	22.50	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Rice Seed Max-Ace	lb	8.89	26.7500	237.81	_________
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	_________
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	_________
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	_________
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5281	10.18	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.1250	10.18	_________
Implements	hour	9.06	0.0375	0.34	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.4504	21.90	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	18.7364	55.09	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	5.94	1.0000	5.94	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	13.96	1.0000	13.96	_________
INTEREST ON OP. CAP.	acre	35.19	1.0000	35.19	_________

TOTAL DIRECT EXPENSES				1102.94	_________
FIXED EXPENSES					
Implements	acre	31.89	1.0000	31.89	_________
Tractors	acre	45.94	1.0000	45.94	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.02	1.0000	92.02	_________

TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1303.95	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 19.B Summary of estimated costs and returns per acre
Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	47.43	1.0000	47.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	160.32	1.0000	160.32	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	239.04	1.0000	239.04	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.1625	10.52	_________
OPERATOR LABOR	hour	19.28	0.6381	12.30	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	28.5932	84.06	_________
REPAIR & MAINTENANCE	acre	37.58	1.0000	37.58	_________
INTEREST ON OP. CAP.	acre	35.19	1.0000	35.19	_________

TOTAL DIRECT EXPENSES				1102.94	_________
RETURNS ABOVE DIRECT EXPENSES				-114.74	_________
TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1303.95	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-315.75	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 19.C Estimated resource use for field operations, per acre
Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Max-Ace	lb					22.5000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Max-Ace	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
HighCard	oz					15.5000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.63	0.63	2.82	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 19.D Estimated costs for field operations, per acre
Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Max-Ace	lb	200.03					8.25	208.28		208.28
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Max-Ace	lb	37.78					1.56	39.34		39.34
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
HighCard	oz	17.67					0.73	18.40		18.40
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	10.17	57.79	14.93	12.55		3.09	98.53	99.46	197.99
TOTALS		904.73	84.06	37.58	41.38	0.00	35.19	1102.94	201.01	1303.95

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 19.E Estimated monthly income and expense flows per acre
Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	95.68	31.00	22.50	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	12.08	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	239.04	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	11.36	2.72	3.62	3.62	9.67	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	19.71	14.37	14.37	14.37	8.37	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.85	8.01	2.10	2.10	9.80	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	16.81	9.01	2.73	1.89	2.12	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	424.19	270.70	102.00	92.96	155.96	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-424.19	-270.70	-102.00	-92.96	832.24	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-463.53	-734.23	-836.23	-929.19	-96.95	-114.74

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 19.F Estimated returns for various price/yield combinations, per acre
Max-Ace hybrid straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-668	-643	-619	-594	-569	-544	-520	-495	-470	-446	-421
			-869	-844	-820	-795	-770	-745	-721	-696	-671	-647	-622
60	108.00	bu	-607	-577	-547	-518	-488	-458	-429	-399	-369	-340	-310
			-808	-778	-748	-719	-689	-659	-630	-600	-571	-541	-511
70	126.00	bu	-545	-511	-476	-442	-407	-372	-338	-303	-269	-234	-199
			-746	-712	-677	-643	-608	-573	-539	-504	-470	-435	-400
80	144.00	bu	-484	-444	-405	-365	-326	-286	-247	-207	-168	-128	-89
			-685	-645	-606	-566	-527	-487	-448	-408	-369	-329	-290
90	162.00	bu	-423	-378	-334	-289	-245	-200	-156	-111	-67	-22	21
			-624	-579	-535	-490	-446	-401	-357	-312	-268	-223	-179
100	180.00	bu	-361	-312	-262	-213	-164	-114	-65	-15	33	82	132
			-562	-513	-463	-414	-365	-315	-266	-216	-167	-118	-68
110	198.00	bu	-300	-246	-191	-137	-83	-28	25	80	134	188	243
			-501	-447	-392	-338	-284	-229	-175	-121	-66	-12	42
120	216.00	bu	-239	-179	-120	-61	-1	57	116	175	235	294	353
			-440	-380	-321	-262	-202	-143	-84	-25	34	93	152
130	234.00	bu	-177	-113	-49	14	79	143	207	271	336	400	464
			-378	-314	-250	-186	-121	-57	6	70	135	199	263
140	252.00	bu	-116	-47	21	91	160	229	298	367	436	506	575
			-317	-248	-179	-109	-40	28	97	166	235	305	374
150	270.00	bu	-55	19	93	167	241	315	389	463	537	611	686
			-256	-181	-107	-33	40	114	188	262	336	410	485

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 20.A Estimated costs per acre
Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.5000	28.18	
App by Air (10 gal)	appl	9.50	1.0000	9.50	
App by Air (3 gal)	appl	7.50	1.3000	9.75	
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	
DAP	cwt	43.41	0.5000	21.71	
Urea, Solid (46% N)	cwt	31.08	4.8700	151.36	
NBPT	pt	18.20	0.8000	14.56	
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	
2,4-D Amine 4	pt	2.69	2.0000	5.38	
Command 3ME	pt	13.75	1.3000	17.88	
Sharpen	oz	6.91	3.0000	20.73	
HighCard	oz	1.14	15.5000	17.67	
Facet L	pt	17.78	2.0000	35.56	
Preface	oz	4.10	6.0000	24.60	
Aim	oz	4.27	1.5000	6.40	
Clincher SF	oz	3.00	7.5000	22.50	
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	
Warrior II ZT	oz	3.73	0.6000	2.24	
SEED/PLANTS					
Rice Seed Max-Ace	lb	8.89	26.7500	237.81	
Rice Seed Trt/Insect	lbseed	0.29	4.2500	1.23	
ADJUVANTS					
MSO	pt	3.50	1.5000	5.25	
Class Act NG	pt	2.00	0.5000	1.00	
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.8700	79.83	
HAULING					
Haul Rice	bu	0.30	180.0000	54.00	
DRYING					
Dry Rice	bu	0.40	180.0000	72.00	
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	
OPERATOR LABOR					
Tractors	hour	19.28	0.4228	8.15	
Harvesters	hour	19.28	0.1100	2.12	
IRRIGATE LABOR					
Special Labor	hour	9.06	1.0500	9.53	
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	
Implements	hour	9.06	0.0785	0.71	
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	
DIESEL FUEL					
Tractors	gal	2.94	6.5294	19.20	
Harvesters	gal	2.94	2.4063	7.07	
Flood Irr.	gal	2.94	15.4779	45.52	
REPAIR & MAINTENANCE					
Implements	acre	10.92	1.0000	10.92	
Tractors	acre	5.22	1.0000	5.22	
Harvesters	acre	6.51	1.0000	6.51	
Flood Irr.	acre	11.80	1.0000	11.80	
INTEREST ON OP. CAP.	acre	34.17	1.0000	34.17	
TOTAL DIRECT EXPENSES				1073.33	
FIXED EXPENSES					
Implements	acre	30.02	1.0000	30.02	
Tractors	acre	40.37	1.0000	40.37	
Harvesters	acre	31.16	1.0000	31.16	
Flood Irr.	acre	91.67	1.0000	91.67	
TOTAL FIXED EXPENSES				193.22	
TOTAL SPECIFIED EXPENSES				1266.55	

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 20.B Summary of estimated costs and returns per acre
Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	47.43	1.0000	47.43	_________
FERTILIZERS	acre	200.84	1.0000	200.84	_________
HERBICIDES	acre	160.32	1.0000	160.32	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	239.04	1.0000	239.04	_________
ADJUVANTS	acre	17.69	1.0000	17.69	_________
CUSTOM FERTILIZE	acre	79.83	1.0000	79.83	_________
HAULING	acre	54.00	1.0000	54.00	_________
DRYING	acre	72.00	1.0000	72.00	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.0500	9.53	_________
OPERATOR LABOR	hour	19.28	0.5328	10.27	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	24.4137	71.79	_________
REPAIR & MAINTENANCE	acre	34.45	1.0000	34.45	_________
INTEREST ON OP. CAP.	acre	34.17	1.0000	34.17	_________

TOTAL DIRECT EXPENSES				1073.33	_________
RETURNS ABOVE DIRECT EXPENSES				-85.13	_________
TOTAL FIXED EXPENSES				193.22	_________

TOTAL SPECIFIED EXPENSES				1266.55	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-278.35	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 20.C Estimated resource use for field operations, per acre
Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Max-Ace	lb					22.5000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Max-Ace	lb					4.2500				
Rice Seed Trt/Insect	lbseed					4.2500				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
HighCard	oz					15.5000				
Facet L	pt					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.6700				
Urea, Solid (46% N)	cwt					2.6700				
NBPT	pt					0.8000				
App by Air (10 gal)	appl			1.00	May	1.0000				
Preface	oz					6.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Aim	oz					1.5000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Clincher SF	oz					7.5000				
MSO	pt					1.0000				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	180.0000				
Dry Rice	bu			1.00	Aug	180.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000			1.05	
TOTALS							0.53	0.53	2.61	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 20.D Estimated costs for field operations, per acre
Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Max-Ace	lb	200.03					8.25	208.28		208.28
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Max-Ace	lb	37.78					1.56	39.34		39.34
Rice Seed Trt/Insect	lbseed	1.23					0.05	1.28		1.28
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
HighCard	oz	17.67					0.73	18.40		18.40
Facet L	pt	35.56					1.47	37.03		37.03
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	36.31					1.25	37.56		37.56
Urea, Solid (46% N)	cwt	82.98					2.85	85.83		85.83
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Preface	oz	24.60					0.85	25.45		25.45
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Aim	oz	6.40					0.22	6.62		6.62
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Clincher SF	oz	22.50					0.62	23.12		23.12
MSO	pt	3.50					0.10	3.60		3.60
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	54.00					0.74	54.74		54.74
Dry Rice	bu	72.00					0.99	72.99		72.99
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre		45.52	11.80	9.53		2.07	68.92	91.67	160.59
TOTALS		894.56	71.79	34.45	38.36	0.00	34.17	1073.33	193.22	1266.55

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 20.E Estimated monthly income and expense flows per acre
Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	9.75	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.46	34.19	34.19	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	95.68	31.00	22.50	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	239.04	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	3.50	0.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	14.96	14.96	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	54.00	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	8.12	3.18	4.08	4.08	8.51	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	15.41	11.98	11.98	11.98	7.57	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	5.65	7.46	1.55	1.55	9.52	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	16.03	8.93	2.66	1.84	2.08	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	404.50	268.14	99.45	90.43	153.68	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-404.50	-268.14	-99.45	-90.43	834.52	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-443.84	-711.98	-811.43	-901.86	-67.34	-85.13

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 20.F Estimated returns for various price/yield combinations, per acre
Max-Ace hybrid straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-638	-614	-589	-564	-540	-515	-490	-465	-441	-416	-391
			-832	-807	-782	-757	-733	-708	-683	-659	-634	-609	-585
60	108.00	bu	-577	-547	-518	-488	-458	-429	-399	-370	-340	-310	-281
			-770	-741	-711	-681	-652	-622	-592	-563	-533	-503	-474
70	126.00	bu	-516	-481	-447	-412	-377	-343	-308	-274	-239	-204	-170
			-709	-674	-640	-605	-571	-536	-501	-467	-432	-398	-363
80	144.00	bu	-454	-415	-375	-336	-296	-257	-217	-178	-138	-99	-59
			-648	-608	-569	-529	-489	-450	-410	-371	-331	-292	-252
90	162.00	bu	-393	-349	-304	-260	-215	-171	-126	-82	-37	6	51
			-586	-542	-497	-453	-408	-364	-319	-275	-230	-186	-142
100	180.00	bu	-332	-282	-233	-183	-134	-85	-35	13	63	112	161
			-525	-475	-426	-377	-327	-278	-228	-179	-130	-80	-31
110	198.00	bu	-270	-216	-162	-107	-53	0	55	109	163	218	272
			-464	-409	-355	-301	-246	-192	-137	-83	-29	25	79
120	216.00	bu	-209	-150	-90	-31	27	86	146	205	264	324	383
			-402	-343	-284	-224	-165	-106	-46	12	71	130	190
130	234.00	bu	-148	-83	-19	44	108	173	237	301	365	429	494
			-341	-277	-212	-148	-84	-20	44	108	172	236	300
140	252.00	bu	-86	-17	51	120	189	259	328	397	466	535	604
			-280	-210	-141	-72	-3	65	135	204	273	342	411
150	270.00	bu	-25	48	122	196	270	345	419	493	567	641	715
			-218	-144	-70	3	77	151	226	300	374	448	522

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 21.A Estimated costs per acre
Provisia contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Provisia	oz	0.96	31.0000	29.76	_________
Aim	oz	4.27	1.0000	4.27	_________
Permit	oz	16.50	0.7500	12.38	_________
Regiment	oz	61.59	0.2500	15.40	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Provisia	lb	1.31	77.0000	100.87	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
ADJUVANTS					
Class Act NG	pt	2.00	0.5000	1.00	_________
MSO	pt	3.50	0.5000	1.75	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Dyne-A-Pak	pt	4.17	0.2500	1.04	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	156.0000	46.80	_________
DRYING					
Dry Rice	bu	0.40	156.0000	62.40	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5475	10.56	_________
Harvesters	hour	19.28	0.1269	2.45	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	3.5250	31.96	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	1.5000	13.59	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL					
Tractors	gal	2.94	7.6209	22.40	_________
Harvesters	gal	2.94	2.7765	8.16	_________
Flood Irr.	gal	2.94	26.8827	79.05	_________
REPAIR & MAINTENANCE					
Implements	acre	11.59	1.0000	11.59	_________
Tractors	acre	6.08	1.0000	6.08	_________
Harvesters	acre	7.51	1.0000	7.51	_________
Flood Irr.	acre	14.31	1.0000	14.31	_________
INTEREST ON OP. CAP.	acre	30.28	1.0000	30.28	_________

TOTAL DIRECT EXPENSES				996.97	_________
FIXED EXPENSES					
Implements	acre	32.40	1.0000	32.40	_________
Tractors	acre	46.96	1.0000	46.96	_________
Harvesters	acre	35.96	1.0000	35.96	_________
Flood Irr.	acre	59.44	1.0000	59.44	_________

TOTAL FIXED EXPENSES				174.76	_________

TOTAL SPECIFIED EXPENSES				1171.73	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 21.B Summary of estimated costs and returns per acre
Provisia contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	156.0000	856.44	_________

TOTAL INCOME				856.44	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	115.40	1.0000	115.40	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	123.20	1.0000	123.20	_________
ADJUVANTS	acre	15.56	1.0000	15.56	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	46.80	1.0000	46.80	_________
DRYING	acre	62.40	1.0000	62.40	_________
SURVEY & MARK LEVEES	acre	4.50	1.0000	4.50	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	3.5250	31.96	_________
OPERATOR LABOR	hour	19.28	0.6745	13.01	_________
RICE MGT. LABOR	hour	9.06	1.5000	13.59	_________
UNALLOCATED LABOR	hour	19.26	0.4947	9.53	_________
DIESEL FUEL	gal	2.94	37.2802	109.61	_________
REPAIR & MAINTENANCE	acre	39.49	1.0000	39.49	_________
INTEREST ON OP. CAP.	acre	30.28	1.0000	30.28	_________

TOTAL DIRECT EXPENSES				996.97	_________
RETURNS ABOVE DIRECT EXPENSES				-140.53	_________
TOTAL FIXED EXPENSES				174.76	_________

TOTAL SPECIFIED EXPENSES				1171.73	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-315.29	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 21.C Estimated resource use for field operations, per acre
Provisia contour levee rice
Flood irrigated, 33 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Provisia	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
Class Act NG	pt					0.5000				
MSO	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Provisia	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Provisia	oz					15.5000				
Aim	oz					1.0000				
Permit	oz					0.7500				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Provisia	oz					15.5000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.30	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Regiment	oz					0.2500				
Dyne-A-Pak	pt					0.2500				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.50	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.50	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (CL)	40' Rigid	425 hp	0.126	1.00	Aug		0.12	0.12	0.12	0.11
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	156.0000				
Dry Rice	bu			1.00	Aug	156.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.12	0.12	3.64	
TOTALS							0.67	0.67	6.02	0.49

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 21.D Estimated costs for field operations, per acre
Provisia contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Provisia	lb	85.15					3.51	88.66		88.66
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
Class Act NG	pt	1.00					0.04	1.04		1.04
MSO	pt	1.75					0.07	1.82		1.82
Seed Levees										
Rice Seed Provisia	lb	15.72					0.65	16.37		16.37
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Provisia	oz	14.88					0.61	15.49		15.49
Aim	oz	4.27					0.18	4.45		4.45
Permit	oz	12.38					0.51	12.89		12.89
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Provisia	oz	14.88					0.51	15.39		15.39
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Rice Management										
RICE MGT. LABOR	hour				2.72		0.09	2.81		2.81
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Regiment	oz	15.40					0.42	15.82		15.82
Dyne-A-Pak	pt	1.04					0.03	1.07		1.07
Rice Management										
RICE MGT. LABOR	hour				4.53		0.12	4.65		4.65
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				4.53		0.09	4.62		4.62
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (CL)	40' Rigid		8.16	10.65	4.65		0.32	23.78	42.16	65.94
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	46.80					0.64	47.44		47.44
Dry Rice	bu	62.40					0.86	63.26		63.26
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	4.50	82.25	15.42	34.37		4.24	140.78	67.59	208.37
TOTALS		746.52	109.61	39.49	71.07	0.00	30.28	996.97	174.76	1171.73

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 21.E Estimated monthly income and expense flows per acre
Provisia contour levee rice
Flood irrigated, 33 ac-in., 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	856.44	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	73.98	14.88	15.40	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.20	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	1.04	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	46.80	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.40	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	4.50	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	17.58	9.52	11.33	11.33	10.92	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	22.22	21.56	21.56	21.56	9.84	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.65	8.20	2.29	2.29	11.34	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	11.26	8.64	2.88	2.94	1.93	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	283.96	259.89	107.68	145.08	143.23	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-283.96	-259.89	-107.68	-145.08	713.21	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-323.30	-583.19	-690.87	-835.95	-122.74	-140.53

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 21.F Estimated returns for various price/yield combinations, per acre
Provisia contour levee rice
Flood irrigated, 33 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	78.00	bu	-620	-599	-577	-556	-534	-513	-491	-470	-449	-427	-406
			-795	-773	-752	-730	-709	-688	-666	-645	-623	-602	-581
60	93.60	bu	-567	-541	-515	-490	-464	-438	-413	-387	-361	-336	-310
			-742	-716	-690	-664	-639	-613	-587	-562	-536	-510	-485
70	109.20	bu	-514	-484	-454	-424	-394	-364	-334	-304	-274	-244	-214
			-688	-658	-628	-598	-568	-539	-509	-479	-449	-419	-389
80	124.80	bu	-460	-426	-392	-358	-323	-289	-255	-221	-186	-152	-118
			-635	-601	-567	-532	-498	-464	-430	-395	-361	-327	-293
90	140.40	bu	-407	-369	-330	-292	-253	-215	-176	-138	-99	-60	-22
			-582	-544	-505	-466	-428	-389	-351	-312	-274	-235	-197
100	156.00	bu	-354	-311	-268	-226	-183	-140	-97	-54	-12	30	73
			-529	-486	-443	-400	-358	-315	-272	-229	-186	-144	-101
110	171.60	bu	-301	-254	-207	-160	-113	-65	-18	28	75	122	169
			-476	-429	-382	-334	-287	-240	-193	-146	-99	-52	-5
120	187.20	bu	-248	-196	-145	-94	-42	8	60	111	162	214	265
			-423	-371	-320	-268	-217	-166	-114	-63	-11	39	90
130	202.80	bu	-195	-139	-83	-28	27	83	138	194	250	305	361
			-369	-314	-258	-202	-147	-91	-35	19	75	131	186
140	218.40	bu	-141	-82	-22	37	97	157	217	277	337	397	457
			-316	-256	-196	-136	-76	-16	42	102	162	222	282
150	234.00	bu	-88	-24	39	103	168	232	296	360	425	489	553
			-263	-199	-135	-70	-6	57	121	186	250	314	378

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 22.A Estimated costs per acre
Provisia straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	________
App by Air (10 gal)	appl	9.50	1.0000	9.50	________
App by Air (3 gal)	appl	7.50	1.3000	9.75	________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	________
DAP	cwt	43.41	0.5000	21.71	________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	________
NBPT	pt	18.20	0.7500	13.65	________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	________
2,4-D Amine 4	pt	2.69	2.0000	5.38	________
Command 3ME	pt	13.75	1.3000	17.88	________
Sharpen	oz	6.91	3.0000	20.73	________
Provisia	oz	0.96	31.0000	29.76	________
Aim	oz	4.27	1.0000	4.27	________
Permit	oz	16.50	0.7500	12.38	________
Regiment	oz	61.59	0.2500	15.40	________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	________
Warrior II ZT	oz	3.73	0.6000	2.24	________
SEED/PLANTS					
Rice Seed Provisia	lb	1.31	77.0000	100.87	________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	________
ADJUVANTS					
MSO	pt	3.50	0.5000	1.75	________
Class Act NG	pt	2.00	0.5000	1.00	________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	________
Dyne-A-Pak	pt	4.17	0.2500	1.04	________
Surfactant	pt	3.30	0.1000	0.33	________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	________
HAULING					
Haul Rice	bu	0.30	156.0000	46.80	________
DRYING					
Dry Rice	bu	0.40	156.0000	62.40	________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	________
OPERATOR LABOR					
Tractors	hour	19.28	0.4999	9.64	________
Harvesters	hour	19.28	0.1100	2.12	________
IRRIGATE LABOR					
Special Labor	hour	9.06	2.3750	21.52	________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	________
Implements	hour	9.06	0.0785	0.71	________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	________
DIESEL FUEL					
Tractors	gal	2.94	7.2043	21.18	________
Harvesters	gal	2.94	2.4063	7.07	________
Flood Irr.	gal	2.94	21.9949	64.68	________
REPAIR & MAINTENANCE					
Implements	acre	11.07	1.0000	11.07	________
Tractors	acre	5.75	1.0000	5.75	________
Harvesters	acre	6.51	1.0000	6.51	________
Flood Irr.	acre	14.31	1.0000	14.31	________
INTEREST ON OP. CAP.	acre	29.15	1.0000	29.15	________

TOTAL DIRECT EXPENSES				955.83	________
FIXED EXPENSES					
Implements	acre	30.87	1.0000	30.87	________
Tractors	acre	44.45	1.0000	44.45	________
Harvesters	acre	31.16	1.0000	31.16	________
Flood Irr.	acre	92.37	1.0000	92.37	________

TOTAL FIXED EXPENSES				198.85	________

TOTAL SPECIFIED EXPENSES				1154.68	________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 22.B Summary of estimated costs and returns per acre
Provisia straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	156.0000	856.44	_________

TOTAL INCOME				856.44	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	115.40	1.0000	115.40	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	123.20	1.0000	123.20	_________
ADJUVANTS	acre	15.56	1.0000	15.56	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	46.80	1.0000	46.80	_________
DRYING	acre	62.40	1.0000	62.40	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	2.3750	21.52	_________
OPERATOR LABOR	hour	19.28	0.6099	11.76	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	31.6056	92.93	_________
REPAIR & MAINTENANCE	acre	37.64	1.0000	37.64	_________
INTEREST ON OP. CAP.	acre	29.15	1.0000	29.15	_________

TOTAL DIRECT EXPENSES				955.83	_________
RETURNS ABOVE DIRECT EXPENSES				-99.39	_________
TOTAL FIXED EXPENSES				198.85	_________

TOTAL SPECIFIED EXPENSES				1154.68	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-298.24	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 22.C Estimated resource use for field operations, per acre
Provisia straight levee rice
Flood irrigated, 27 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Provisia	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Provisia	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Provisia	oz					15.5000				
Aim	oz					1.0000				
Permit	oz					0.7500				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Provisia	oz					15.5000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Regiment	oz					0.2500				
Dyne-A-Pak	pt					0.2500				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	156.0000				
Dry Rice	bu			1.00	Aug	156.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.07	0.07	2.45	
TOTALS							0.60	0.60	4.01	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3^{rd} year.

Table 22.D Estimated costs for field operations, per acre
Provisia straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST 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
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Provisia	lb	85.15					3.51	88.66		88.66
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Provisia	lb	15.72					0.65	16.37		16.37
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Provisia	oz	14.88					0.61	15.49		15.49
Aim	oz	4.27					0.18	4.45		4.45
Permit	oz	12.38					0.51	12.89		12.89
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Provisia	oz	14.88					0.51	15.39		15.39
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Regiment	oz	15.40					0.42	15.82		15.82
Dyne-A-Pak	pt	1.04					0.03	1.07		1.07
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	46.80					0.64	47.44		47.44
Dry Rice	bu	62.40					0.86	63.26		63.26
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	2.25	66.66	14.99	23.01		3.33	110.24	97.30	207.54
TOTALS		744.27	92.93	37.64	51.84	0.00	29.15	955.83	198.85	1154.68

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 22.E Estimated monthly income and expense flows per acre
Provisia straight levee rice
Flood irrigated, 27 ac-in., 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	856.44	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	73.98	14.88	15.40	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.20	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	1.04	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	46.80	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.40	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	13.43	5.44	6.34	6.34	9.90	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	21.54	16.77	16.77	16.77	8.21	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.73	8.09	2.18	2.18	9.74	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	10.96	8.34	2.60	2.74	1.88	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	276.66	250.61	97.51	134.99	138.93	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-276.66	-250.61	-97.51	-134.99	717.51	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-316.00	-566.61	-664.12	-799.11	-81.60	-99.39

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 22.F Estimated returns for various price/yield combinations, per acre
Provisia straight levee rice
Flood irrigated, 27 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	78.00	bu	-579	-557	-536	-515	-493	-472	-450	-429	-408	-386	-365
			-778	-756	-735	-713	-692	-671	-649	-628	-606	-585	-564
60	93.60	bu	-526	-500	-474	-449	-423	-397	-371	-346	-320	-294	-269
			-725	-699	-673	-647	-622	-596	-570	-545	-519	-493	-468
70	109.20	bu	-472	-443	-413	-383	-353	-323	-293	-263	-233	-203	-173
			-671	-641	-611	-581	-551	-521	-491	-462	-432	-402	-372
80	124.80	bu	-419	-385	-351	-317	-282	-248	-214	-180	-145	-111	-77
			-618	-584	-550	-515	-481	-447	-413	-378	-344	-310	-276
90	140.40	bu	-366	-328	-289	-251	-212	-173	-135	-96	-58	-19	18
			-565	-526	-488	-449	-411	-372	-334	-295	-257	-218	-180
100	156.00	bu	-313	-270	-227	-185	-142	-99	-56	-13	29	71	114
			-512	-469	-426	-383	-341	-298	-255	-212	-169	-126	-84
110	171.60	bu	-260	-213	-166	-119	-71	-24	22	69	116	163	210
			-459	-412	-364	-317	-270	-223	-176	-129	-82	-35	11
120	187.20	bu	-207	-155	-104	-53	-1	49	101	152	203	255	306
			-406	-354	-303	-251	-200	-149	-97	-46	5	56	107
130	202.80	bu	-154	-98	-42	12	68	124	180	235	291	347	402
			-352	-297	-241	-185	-130	-74	-18	36	92	148	203
140	218.40	bu	-100	-40	19	79	138	198	258	318	378	438	498
			-299	-239	-179	-119	-59	0	60	119	179	239	299
150	234.00	bu	-47	16	80	145	209	273	337	401	466	530	594
			-246	-182	-118	-53	10	74	138	203	267	331	395

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 23.A Estimated costs per acre
Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Provisia	oz	0.96	31.0000	29.76	_________
Aim	oz	4.27	1.0000	4.27	_________
Permit	oz	16.50	0.7500	12.38	_________
Regiment	oz	61.59	0.2500	15.40	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Rice Seed Provisia	lb	1.31	77.0000	100.87	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
ADJUVANTS					
MSO	pt	3.50	0.5000	1.75	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Dyne-A-Pak	pt	4.17	0.2500	1.04	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	156.0000	46.80	_________
DRYING					
Dry Rice	bu	0.40	156.0000	62.40	_________
SURVEY & MARK LEVEES					
Survey & Mark Levees	acre	4.50	0.5000	2.25	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.5281	10.18	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.1250	10.18	_________
Implements	hour	9.06	0.0375	0.34	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	7.4504	21.90	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	18.7364	55.09	_________
REPAIR & MAINTENANCE					
Implements	acre	11.17	1.0000	11.17	_________
Tractors	acre	5.94	1.0000	5.94	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	13.96	1.0000	13.96	_________
INTEREST ON OP. CAP.	acre	28.91	1.0000	28.91	_________
TOTAL DIRECT EXPENSES				944.12	_________
FIXED EXPENSES					
Implements	acre	31.89	1.0000	31.89	_________
Tractors	acre	45.94	1.0000	45.94	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	92.02	1.0000	92.02	_________
TOTAL FIXED EXPENSES				201.01	_________
TOTAL SPECIFIED EXPENSES				1145.13	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 23.B Summary of estimated costs and returns per acre
Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	156.0000	856.44	_________

TOTAL INCOME				856.44	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	115.40	1.0000	115.40	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	123.20	1.0000	123.20	_________
ADJUVANTS	acre	15.56	1.0000	15.56	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	46.80	1.0000	46.80	_________
DRYING	acre	62.40	1.0000	62.40	_________
SURVEY & MARK LEVEES	acre	2.25	1.0000	2.25	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.1625	10.52	_________
OPERATOR LABOR	hour	19.28	0.6381	12.30	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	28.5932	84.06	_________
REPAIR & MAINTENANCE	acre	37.58	1.0000	37.58	_________
INTEREST ON OP. CAP.	acre	28.91	1.0000	28.91	_________

TOTAL DIRECT EXPENSES				944.12	_________
RETURNS ABOVE DIRECT EXPENSES				-87.68	_________
TOTAL FIXED EXPENSES				201.01	_________

TOTAL SPECIFIED EXPENSES				1145.13	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-288.69	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 23.C Estimated resource use for field operations, per acre
Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Provisia	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Provisia	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Provisia	oz					15.5000				
Aim	oz					1.0000				
Permit	oz					0.7500				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Provisia	oz					15.5000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Regiment	oz					0.2500				
Dyne-A-Pak	pt					0.2500				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	156.0000				
Dry Rice	bu			1.00	Aug	156.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000	0.10	0.10	1.26	
TOTALS							0.63	0.63	2.82	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 23.D Estimated costs for field operations, per acre
Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Provisia	lb	85.15					3.51	88.66		88.66
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Provisia	lb	15.72					0.65	16.37		16.37
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Provisia	oz	14.88					0.61	15.49		15.49
Aim	oz	4.27					0.18	4.45		4.45
Permit	oz	12.38					0.51	12.89		12.89
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Provisia	oz	14.88					0.51	15.39		15.39
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Regiment	oz	15.40					0.42	15.82		15.82
Dyne-A-Pak	pt	1.04					0.03	1.07		1.07
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	46.80					0.64	47.44		47.44
Dry Rice	bu	62.40					0.86	63.26		63.26
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre	10.17	57.79	14.93	12.55		3.09	98.53	99.46	197.99
TOTALS		752.19	84.06	37.58	41.38	0.00	28.91	944.12	201.01	1145.13

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 23.E Estimated monthly income and expense flows per acre
Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in., 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	856.44	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	73.98	14.88	15.40	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	12.08	0.00	0.00
IRRIGATION SUPPLIES	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.20	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	1.04	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	46.80	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.40	0.00
SURVEY & MARK LEVEES	0.00	0.00	0.00	0.00	0.00	0.00	2.25	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	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	11.36	2.72	3.62	3.62	9.67	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	19.71	14.37	14.37	14.37	8.37	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	6.85	8.01	2.10	2.10	9.80	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	11.13	8.16	2.46	2.64	1.89	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	280.97	245.23	92.17	129.69	138.93	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-280.97	-245.23	-92.17	-129.69	717.51	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-320.31	-565.54	-657.71	-787.40	-69.89	-87.68

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 23.F Estimated returns for various price/yield combinations, per acre
Provisia straight levee multi inlet rice
Flood irrigated, 23 ac-in., Mississippi, 2026

PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PERCENT										
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	78.00	bu	-567	-546	-524	-503	-481	-460	-439	-417	-396	-374	-353
			-768	-747	-725	-704	-682	-661	-640	-618	-597	-575	-554
60	93.60	bu	-514	-488	-463	-437	-411	-385	-360	-334	-308	-283	-257
			-715	-689	-664	-638	-612	-586	-561	-535	-509	-484	-458
70	109.20	bu	-461	-431	-401	-371	-341	-311	-281	-251	-221	-191	-161
			-662	-632	-602	-572	-542	-512	-482	-452	-422	-392	-362
80	124.80	bu	-408	-373	-339	-305	-271	-236	-202	-168	-134	-99	-65
			-609	-574	-540	-506	-472	-437	-403	-369	-335	-300	-266
90	140.40	bu	-354	-316	-277	-239	-200	-162	-123	-85	-46	-8	30
			-555	-517	-478	-440	-401	-363	-324	-286	-247	-209	-170
100	156.00	bu	-301	-258	-216	-173	-130	-87	-44	-2	40	83	126
			-502	-459	-417	-374	-331	-288	-245	-203	-160	-117	-74
110	171.60	bu	-248	-201	-154	-107	-60	-13	33	81	128	175	222
			-449	-402	-355	-308	-261	-214	-167	-119	-72	-25	21
120	187.20	bu	-195	-144	-92	-41	10	61	112	164	215	267	318
			-396	-345	-293	-242	-190	-139	-88	-36	14	66	117
130	202.80	bu	-142	-86	-30	24	80	136	191	247	303	358	414
			-343	-287	-231	-176	-120	-64	-9	46	102	157	213
140	218.40	bu	-89	-29	30	90	150	210	270	330	390	450	510
			-290	-230	-170	-110	-50	9	69	129	189	249	309
150	234.00	bu	-35	28	92	156	220	285	349	413	477	542	606
			-236	-172	-108	-44	19	84	148	212	276	341	405

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 24.A Estimated costs per acre
Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.5000	36.23	_________
App by Air (10 gal)	appl	9.50	1.0000	9.50	_________
App by Air (3 gal)	appl	7.50	1.3000	9.75	_________
FERTILIZERS					
Amm Sulfate (21% N)	cwt	26.41	0.5000	13.21	_________
DAP	cwt	43.41	0.5000	21.71	_________
Urea, Solid (46% N)	cwt	31.08	4.7000	146.08	_________
NBPT	pt	18.20	0.7500	13.65	_________
FUNGICIDES					
Amistar Top	oz	2.76	10.0000	27.60	_________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	_________
2,4-D Amine 4	pt	2.69	2.0000	5.38	_________
Command 3ME	pt	13.75	1.3000	17.88	_________
Sharpen	oz	6.91	3.0000	20.73	_________
Provisia	oz	0.96	31.0000	29.76	_________
Aim	oz	4.27	1.0000	4.27	_________
Permit	oz	16.50	0.7500	12.38	_________
Regiment	oz	61.59	0.2500	15.40	_________
INSECTICIDES					
Tenchu SG	oz	1.23	8.0000	9.84	_________
Warrior II ZT	oz	3.73	0.6000	2.24	_________
SEED/PLANTS					
Rice Seed Provisia	lb	1.31	77.0000	100.87	_________
Rice Seed Trt/Insect	lbseed	0.29	77.0000	22.33	_________
ADJUVANTS					
MSO	pt	3.50	0.5000	1.75	_________
Class Act NG	pt	2.00	0.5000	1.00	_________
Crop Oil Conc.(Pet.)	pt	2.86	4.0000	11.44	_________
Dyne-A-Pak	pt	4.17	0.2500	1.04	_________
Surfactant	pt	3.30	0.1000	0.33	_________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	5.7000	77.52	_________
HAULING					
Haul Rice	bu	0.30	156.0000	46.80	_________
DRYING					
Dry Rice	bu	0.40	156.0000	62.40	_________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	_________
SOIL TEST					
Soil Test	acre	10.00	0.3330	3.33	_________
OPERATOR LABOR					
Tractors	hour	19.28	0.4228	8.15	_________
Harvesters	hour	19.28	0.1100	2.12	_________
IRRIGATE LABOR					
Special Labor	hour	9.06	1.0500	9.53	_________
HAND LABOR					
Special Labor	hour	9.06	0.2500	2.27	_________
Implements	hour	9.06	0.0785	0.71	_________
RICE MGT. LABOR					
Special Labor	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL					
Tractors	gal	2.94	6.5294	19.20	_________
Harvesters	gal	2.94	2.4063	7.07	_________
Flood Irr.	gal	2.94	15.4779	45.52	_________
REPAIR & MAINTENANCE					
Implements	acre	10.92	1.0000	10.92	_________
Tractors	acre	5.22	1.0000	5.22	_________
Harvesters	acre	6.51	1.0000	6.51	_________
Flood Irr.	acre	11.80	1.0000	11.80	_________
INTEREST ON OP. CAP.	acre	27.89	1.0000	27.89	_________

TOTAL DIRECT EXPENSES				914.51	_________
FIXED EXPENSES					
Implements	acre	30.02	1.0000	30.02	_________
Tractors	acre	40.37	1.0000	40.37	_________
Harvesters	acre	31.16	1.0000	31.16	_________
Flood Irr.	acre	91.67	1.0000	91.67	_________

TOTAL FIXED EXPENSES				193.22	_________

TOTAL SPECIFIED EXPENSES				1107.73	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 24.B Summary of estimated costs and returns per acre
Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	156.0000	856.44	_________

TOTAL INCOME				856.44	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	55.48	1.0000	55.48	_________
FERTILIZERS	acre	194.65	1.0000	194.65	_________
FUNGICIDES	acre	27.60	1.0000	27.60	_________
HERBICIDES	acre	115.40	1.0000	115.40	_________
INSECTICIDES	acre	12.08	1.0000	12.08	_________
SEED/PLANTS	acre	123.20	1.0000	123.20	_________
ADJUVANTS	acre	15.56	1.0000	15.56	_________
CUSTOM FERTILIZE	acre	77.52	1.0000	77.52	_________
HAULING	acre	46.80	1.0000	46.80	_________
DRYING	acre	62.40	1.0000	62.40	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.33	1.0000	3.33	_________
HAND LABOR	hour	9.06	0.3285	2.98	_________
IRRIGATE LABOR	hour	9.06	1.0500	9.53	_________
OPERATOR LABOR	hour	19.28	0.5328	10.27	_________
RICE MGT. LABOR	hour	9.06	0.7000	6.34	_________
UNALLOCATED LABOR	hour	19.26	0.4795	9.24	_________
DIESEL FUEL	gal	2.94	24.4137	71.79	_________
REPAIR & MAINTENANCE	acre	34.45	1.0000	34.45	_________
INTEREST ON OP. CAP.	acre	27.89	1.0000	27.89	_________

TOTAL DIRECT EXPENSES				914.51	_________
RETURNS ABOVE DIRECT EXPENSES				-58.07	_________
TOTAL FIXED EXPENSES				193.22	_________

TOTAL SPECIFIED EXPENSES				1107.73	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-251.29	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 24.C Estimated resource use for field operations, per acre
Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Harrow - Folding	40'	MFWD 300	0.038	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Provisia	lb					65.0000				
Rice Seed Trt/Insect	lbseed					65.0000				
Roller/Cultipacker	30'	MFWD 300	0.049	1.00	Apr		0.04	0.04	0.04	0.04
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					0.5000				
Class Act NG	pt					0.5000				
Seed Levees				1.00	Apr					
Rice Seed Provisia	lb					12.0000				
Rice Seed Trt/Insect	lbseed					12.0000				
App by Air (5 gal)	appl			1.00	Apr	1.0000				
Provisia	oz					15.5000				
Aim	oz					1.0000				
Permit	oz					0.7500				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	May	1.0000				
Amm Sulfate (21% N)	cwt					0.5000				
DAP	cwt					0.5000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	2.5000				
Urea, Solid (46% N)	cwt					2.5000				
NBPT	pt					0.7500				
App by Air (10 gal)	appl			1.00	May	1.0000				
Provisia	oz					15.5000				
Crop Oil Conc.(Pet.)	pt					2.0000				
Rice Management				1.00	May					
RICE MGT. LABOR	hour								0.10	
App by Air (5 gal)	appl			0.50	Jun	0.5000				
Regiment	oz					0.2500				
Dyne-A-Pak	pt					0.2500				
Rice Management				1.00	Jun					
RICE MGT. LABOR	hour								0.20	
App Fert by Air	cwt			1.00	Jun	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
App Fert by Air	cwt			1.00	Jul	1.1000				
Urea, Solid (46% N)	cwt					1.1000				
Rice Management				1.00	Jul					
RICE MGT. LABOR	hour								0.20	
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Amistar Top	oz					10.0000				
Surfactant	pt					0.1000				
App by Air (3 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					8.0000				
App by Air (3 gal)	appl			0.30	Jul	0.3000				
Warrior II ZT	oz					0.6000				
Rice Management				1.00	Aug					
RICE MGT. LABOR	hour								0.20	
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 300	0.055	0.20	Aug		0.01	0.01	0.01	0.00
Handling & Storage				1.00	Aug					
HAND LABOR	hour								0.25	
Haul Rice	bu			1.00	Aug	156.0000				
Dry Rice	bu			1.00	Aug	156.0000				
Disk Heavy	28'	MFWD 300	0.075	2.00	Sep		0.15	0.15	0.15	0.13
Flood Irr.	acre				Jan	1.0000			1.05	
							-------	-------	-------	-------
TOTALS							0.53	0.53	2.61	0.47

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 24.D Estimated costs for field operations, per acre
Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		----DIRECT COST----								
		----dollars----								
Soil Test	acre	3.33					0.27	3.60		3.60
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Harrow - Folding	40'		1.76	0.77	1.42		0.33	4.28	4.26	8.54
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Provisia	lb	85.15					3.51	88.66		88.66
Rice Seed Trt/Insect	lbseed	18.85					0.78	19.63		19.63
Roller/Cultipacker	30'		2.26	0.86	1.82		0.20	5.14	5.18	10.32
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	1.75					0.07	1.82		1.82
Class Act NG	pt	1.00					0.04	1.04		1.04
Seed Levees										
Rice Seed Provisia	lb	15.72					0.65	16.37		16.37
Rice Seed Trt/Insect	lbseed	3.48					0.14	3.62		3.62
App by Air (5 gal)	appl	8.05					0.33	8.38		8.38
Provisia	oz	14.88					0.61	15.49		15.49
Aim	oz	4.27					0.18	4.45		4.45
Permit	oz	12.38					0.51	12.89		12.89
Crop Oil Conc.(Pet.)	pt	5.72					0.24	5.96		5.96
App Fert by Air	cwt	13.60					0.47	14.07		14.07
Amm Sulfate (21% N)	cwt	13.21					0.45	13.66		13.66
DAP	cwt	21.71					0.75	22.46		22.46
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	34.00					1.17	35.17		35.17
Urea, Solid (46% N)	cwt	77.70					2.67	80.37		80.37
NBPT	pt	13.65					0.47	14.12		14.12
App by Air (10 gal)	appl	9.50					0.33	9.83		9.83
Provisia	oz	14.88					0.51	15.39		15.39
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
Rice Management										
RICE MGT. LABOR	hour				0.91		0.03	0.94		0.94
App by Air (5 gal)	appl	4.03					0.11	4.14		4.14
Regiment	oz	15.40					0.42	15.82		15.82
Dyne-A-Pak	pt	1.04					0.03	1.07		1.07
Rice Management										
RICE MGT. LABOR	hour				1.81		0.05	1.86		1.86
App Fert by Air	cwt	14.96					0.41	15.37		15.37
Urea, Solid (46% N)	cwt	34.19					0.94	35.13		35.13
App Fert by Air	cwt	14.96					0.31	15.27		15.27
Urea, Solid (46% N)	cwt	34.19					0.71	34.90		34.90
Rice Management										
RICE MGT. LABOR	hour				1.81		0.04	1.85		1.85
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Amistar Top	oz	27.60					0.57	28.17		28.17
Surfactant	pt	0.33					0.01	0.34		0.34
App by Air (3 gal)	appl	7.50					0.15	7.65		7.65
Tenchu SG	oz	9.84					0.20	10.04		10.04
App by Air (3 gal)	appl	2.25					0.05	2.30		2.30
Warrior II ZT	oz	2.24					0.05	2.29		2.29
Rice Management										
RICE MGT. LABOR	hour				1.81		0.02	1.83		1.83
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		0.50	0.29	0.40		0.02	1.21	1.38	2.59
Handling & Storage										
HAND LABOR	hour				2.27		0.03	2.30		2.30
Haul Rice	bu	46.80					0.64	47.44		47.44
Dry Rice	bu	62.40					0.86	63.26		63.26
Disk Heavy	28'		6.87	5.25	5.55		0.12	17.79	23.38	41.17
Flood Irr.	acre		45.52	11.80	9.53		2.07	68.92	91.67	160.59
TOTALS		742.02	71.79	34.45	38.36	0.00	27.89	914.51	193.22	1107.73

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 24.E Estimated monthly income and expense flows per acre
Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in., 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	856.44	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	16.10	9.50	4.03	17.80	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.27	34.19	34.19	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.60	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	73.98	14.88	15.40	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	12.08	0.00	0.00
SEED/PLANTS	0.00	0.00	0.00	0.00	0.00	0.00	123.20	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	8.47	5.72	1.04	0.33	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.60	14.96	14.96	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	46.80	0.00
DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.40	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	4.84	0.00	0.00	0.00	0.00	0.00	8.12	3.18	4.08	4.08	8.51	5.55
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	6.00	0.00	0.00	0.00	0.00	0.00	15.41	11.98	11.98	11.98	7.57	6.87
REPAIR & MAINTENANCE	3.47	0.00	0.00	0.00	0.00	0.00	5.65	7.46	1.55	1.55	9.52	5.25
INTEREST ON OP. CAP.	1.45	0.00	0.00	0.00	1.06	0.00	10.35	8.08	2.39	2.59	1.85	0.12
TOTAL DIRECT EXPENSES	19.09	0.00	0.00	0.00	20.25	0.00	261.28	242.67	89.62	127.16	136.65	17.79
NET INCOME	-19.09	0.00	0.00	0.00	-20.25	0.00	-261.28	-242.67	-89.62	-127.16	719.79	-17.79
NET INCOME TO DATE	-19.09	-19.09	-19.09	-19.09	-39.34	-39.34	-300.62	-543.29	-632.91	-760.07	-40.28	-58.07

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 24.F Estimated returns for various price/yield combinations, per acre
Provisia straight levee-zero grade rice
Flood irrigated, 19 ac-in., Mississippi, 2026

			PERCENT										
PRODUCT			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	78.00	bu	-537	-516	-495	-473	-452	-430	-409	-388	-366	-345	-323
			-731	-709	-688	-666	-645	-624	-602	-581	-559	-538	-517
60	93.60	bu	-484	-459	-433	-407	-382	-356	-330	-304	-279	-253	-227
			-678	-652	-626	-600	-575	-549	-523	-498	-472	-446	-421
70	109.20	bu	-431	-401	-371	-341	-311	-281	-251	-221	-191	-161	-131
			-624	-594	-564	-534	-504	-475	-445	-415	-385	-355	-325
80	124.80	bu	-378	-344	-309	-275	-241	-207	-172	-138	-104	-70	-35
			-571	-537	-503	-468	-434	-400	-366	-331	-297	-263	-229
90	140.40	bu	-325	-286	-248	-209	-171	-132	-94	-55	-17	21	60
			-518	-480	-441	-402	-364	-325	-287	-248	-210	-171	-133
100	156.00	bu	-272	-229	-186	-143	-100	-58	-15	27	70	113	156
			-465	-422	-379	-336	-294	-251	-208	-165	-122	-80	-37
110	171.60	bu	-219	-171	-124	-77	-30	16	63	110	157	204	252
			-412	-365	-318	-270	-223	-176	-129	-82	-35	11	58
120	187.20	bu	-165	-114	-63	-11	39	91	142	193	245	296	348
			-359	-307	-256	-204	-153	-102	-50	0	52	103	154
130	202.80	bu	-112	-57	-1	54	109	165	221	276	332	388	443
			-305	-250	-194	-138	-83	-27	28	83	139	195	250
140	218.40	bu	-59	0	60	120	180	240	300	360	420	480	539
			-252	-192	-132	-72	-12	47	106	166	226	286	346
150	234.00	bu	-6	57	122	186	250	314	379	443	507	571	635
			-199	-135	-71	-6	57	121	185	250	314	378	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 25.A Estimated costs per acre
Conventional Row Rice
Furrow Irrigated, 21 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	6.0000	48.30	________
FERTILIZERS					
Urea, Solid (46% N)	cwt	31.08	4.8000	149.18	________
NBPT	pt	18.20	1.5200	27.66	________
FUNGICIDES					
Quadris	oz	1.13	12.5000	14.12	________
HERBICIDES					
Glyphosate 3lbs a.e	oz	0.12	80.0000	9.60	________
2,4-D Amine 4	pt	2.69	2.0000	5.38	________
Command 3ME	pt	13.75	1.3000	17.88	________
Sharpen	oz	6.91	3.0000	20.73	________
RiceBeaux	pt	6.72	8.0000	53.76	________
Facet L	pt	17.78	2.0000	35.56	________
Gambit	oz	18.42	2.0000	36.84	________
Grandstand R	pt	19.22	1.0000	19.22	________
INSECTICIDES					
Tenchu SG	oz	1.23	10.5000	12.92	________
Warrior II ZT	oz	3.73	2.5600	9.55	________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	________
SEED/PLANTS					
Rice Seed Conv.	lb	0.30	80.0000	24.00	________
Rice Conv Hyb Trt	lb	6.31	30.0000	189.30	________
Rice Seed Trt/Insect	lbseed	0.29	110.0000	31.90	________
ADJUVANTS					
MSO	pt	3.50	3.0000	10.50	________
Class Act NG	pt	2.00	1.0000	2.00	________
Crop Oil Conc.(Pet.)	pt	2.86	2.0000	5.72	________
CUSTOM FERTILIZE					
App Fert by Air	cwt	13.60	4.8000	65.28	________
CROP CONSULTANT					
Rice Consultant	acre	8.00	1.0000	8.00	________
SOIL TEST					
Soil Test	acre	10.00	0.3300	3.30	________
OPERATOR LABOR					
Tractors	hour	19.28	0.3447	6.64	________
Harvesters	hour	19.28	0.1100	2.12	________
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	0.0785	0.71	________
HAND. & STOR. LABOR					
Special Labor	hour	9.06	0.2000	1.81	________
UNALLOCATED LABOR	hour	19.25	0.3385	6.52	________
DIESEL FUEL					
Tractors	gal	2.94	4.6243	13.59	________
Harvesters	gal	2.94	2.4063	7.07	________
Flood Irr.	gal	2.94	17.1071	50.31	________
REPAIR & MAINTENANCE					
Implements	acre	8.10	1.0000	8.10	________
Tractors	acre	3.75	1.0000	3.75	________
Harvesters	acre	6.51	1.0000	6.51	________
Roll Out Pipe Irr.	acre	11.36	1.0000	11.36	________
INTEREST ON OP. CAP.	acre	31.65	1.0000	31.65	________

TOTAL DIRECT EXPENSES				962.09	________
FIXED EXPENSES					
Implements	acre	23.89	1.0000	23.89	________
Tractors	acre	28.96	1.0000	28.96	________
Harvesters	acre	31.16	1.0000	31.16	________
Roll Out Pipe Irr.	acre	74.47	1.0000	74.47	________

TOTAL FIXED EXPENSES				158.48	________

TOTAL SPECIFIED EXPENSES				1120.57	________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 25.B Summary of estimated costs and returns per acre
Conventional Row Rice
Furrow Irrigated, 21 ac-in., Mississippi, 2026

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Rice	bu	5.49	180.0000	988.20	_________

TOTAL INCOME				988.20	_________
DIRECT EXPENSES					
CUSTOM SPRAY	acre	48.30	1.0000	48.30	_________
FERTILIZERS	acre	176.87	1.0000	176.87	_________
FUNGICIDES	acre	14.12	1.0000	14.12	_________
HERBICIDES	acre	198.97	1.0000	198.97	_________
INSECTICIDES	acre	22.47	1.0000	22.47	_________
IRRIGATION SUPPLIES	acre	7.92	1.0000	7.92	_________
SEED/PLANTS	acre	245.20	1.0000	245.20	_________
ADJUVANTS	acre	18.22	1.0000	18.22	_________
CUSTOM FERTILIZE	acre	65.28	1.0000	65.28	_________
CROP CONSULTANT	acre	8.00	1.0000	8.00	_________
SOIL TEST	acre	3.30	1.0000	3.30	_________
HAND LABOR	hour	9.06	0.0785	0.71	_________
HAND. & STOR. LABOR	hour	9.06	0.2000	1.81	_________
IRRIGATE LABOR	hour	9.06	0.3625	3.30	_________
OPERATOR LABOR	hour	19.28	0.4547	8.76	_________
UNALLOCATED LABOR	hour	19.25	0.3385	6.52	_________
DIESEL FUEL	gal	2.94	24.1379	70.97	_________
REPAIR & MAINTENANCE	acre	29.72	1.0000	29.72	_________
INTEREST ON OP. CAP.	acre	31.65	1.0000	31.65	_________

TOTAL DIRECT EXPENSES				962.09	_________
RETURNS ABOVE DIRECT EXPENSES				26.11	_________
TOTAL FIXED EXPENSES				158.48	_________

TOTAL SPECIFIED EXPENSES				1120.57	_________
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-132.37	_________

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 25.C Estimated resource use for field operations, per acre
Conventional Row Rice
Furrow Irrigated, 21 ac-in., 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	Sep	0.3300				
Field Cultivate Fld	32'	MFWD 300	0.046	2.00	Oct		0.09	0.09	0.09	0.08
Roller/Cultipacker	38'	MFWD 300	0.039	1.00	Oct		0.03	0.03	0.03	0.03
App by Air (5 gal)	appl			1.00	Feb	1.0000				
Glyphosate 3lbs a.e	oz					48.0000				
2,4-D Amine 4	pt					2.0000				
Grain Drill	24'	MFWD 300	0.078	1.00	Apr		0.07	0.07	0.15	0.07
Rice Seed Conv.	lb					80.0000				
Rice Conv Hyb Trt	lb					30.0000				
Rice Seed Trt/Insect	lbseed					110.0000				
App by Air (5 gal)	appl			1.00	Apr					
Glyphosate 3lbs a.e	oz					32.0000				
Command 3ME	pt					1.3000				
Sharpen	oz					3.0000				
MSO	pt					1.0000				
Class Act NG	pt					1.0000				
Rice Consultant	acre			1.00	May	1.0000				
App Fert by Air	cwt			1.00	May	1.2000				
Urea, Solid (46% N)	cwt					1.2000				
NBPT	pt					0.8000				
App by Air (5 gal)	appl			1.00	May	1.0000				
RiceBeaux	pt					8.0000				
App Fert by Air	cwt			1.00	May	1.2000				
Urea, Solid (46% N)	cwt					1.2000				
NBPT	pt					0.2400				
App by Air (5 gal)	appl			1.00	May	1.0000				
Facet L	pt					2.0000				
Gambit	oz					2.0000				
Crop Oil Conc.(Pet.)	pt					2.0000				
App Fert by Air	cwt			1.00	Jun	1.2000				
Urea, Solid (46% N)	cwt					1.2000				
NBPT	pt					0.2400				
App Fert by Air	cwt			1.00	Jul	1.2000				
Urea, Solid (46% N)	cwt					1.2000				
NBPT	pt					0.2400				
App by Air (5 gal)	appl			1.00	Jul					
Grandstand R	pt					1.0000				
MSO	pt					2.0000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Quadris	oz					12.5000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Tenchu SG	oz					10.5000				
App by Air (5 gal)	appl			1.00	Jul	1.0000				
Warrior II ZT	oz					2.5600				
Header - Draper (SL)	40' Rigid	425 hp	0.110	1.00	Aug		0.11	0.11	0.11	0.09
Grain Cart Rice	700 bu	MFWD 225	0.055	1.00	Aug		0.05	0.05	0.05	0.04
HAND. & STOR. LABOR	hour			1.00	Aug				0.20	
Dry Rice	bu			1.00	Aug					
Roll Out Pipe Irr.	acre				Jan	1.0000	0.07	0.07	0.44	
TOTALS							0.45	0.45	1.09	0.33

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 25.D Estimated costs for field operations, per acre
Conventional Row Rice
Furrow Irrigated, 21 ac-in., Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Soil Test	acre	3.30					0.02	3.32		3.32
Field Cultivate Fld	32'		4.24	2.70	3.42		0.85	11.21	17.09	28.30
Roller/Cultipacker	38'		1.78	0.75	1.44		0.33	4.30	4.19	8.49
App by Air (5 gal)	appl	8.05					0.44	8.49		8.49
Glyphosate 3lbs a.e	oz	5.76					0.32	6.08		6.08
2,4-D Amine 4	pt	5.38					0.30	5.68		5.68
Grain Drill	24'		3.57	3.55	3.58		0.44	11.14	13.72	24.86
Rice Seed Conv.	lb	24.00					0.99	24.99		24.99
Rice Conv Hyb Trt	lb	189.30					7.81	197.11		197.11
Rice Seed Trt/Insect	lbseed	31.90					1.32	33.22		33.22
App by Air (5 gal)	appl									
Glyphosate 3lbs a.e	oz	3.84					0.16	4.00		4.00
Command 3ME	pt	17.88					0.74	18.62		18.62
Sharpen	oz	20.73					0.86	21.59		21.59
MSO	pt	3.50					0.14	3.64		3.64
Class Act NG	pt	2.00					0.08	2.08		2.08
Rice Consultant	acre	8.00					0.28	8.28		8.28
App Fert by Air	cwt	16.32					0.56	16.88		16.88
Urea, Solid (46% N)	cwt	37.30					1.28	38.58		38.58
NBPT	pt	14.56					0.50	15.06		15.06
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
RiceBeaux	pt	53.76					1.85	55.61		55.61
App Fert by Air	cwt	16.32					0.56	16.88		16.88
Urea, Solid (46% N)	cwt	37.30					1.28	38.58		38.58
NBPT	pt	4.37					0.15	4.52		4.52
App by Air (5 gal)	appl	8.05					0.28	8.33		8.33
Facet L	pt	35.56					1.22	36.78		36.78
Gambit	oz	36.84					1.27	38.11		38.11
Crop Oil Conc.(Pet.)	pt	5.72					0.20	5.92		5.92
App Fert by Air	cwt	16.32					0.45	16.77		16.77
Urea, Solid (46% N)	cwt	37.30					1.03	38.33		38.33
NBPT	pt	4.37					0.12	4.49		4.49
App Fert by Air	cwt	16.32					0.34	16.66		16.66
Urea, Solid (46% N)	cwt	37.30					0.77	38.07		38.07
NBPT	pt	4.37					0.09	4.46		4.46
App by Air (5 gal)	appl									
Grandstand R	pt	19.22					0.40	19.62		19.62
MSO	pt	7.00					0.14	7.14		7.14
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Quadris	oz	14.12					0.29	14.41		14.41
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Tenchu SG	oz	12.92					0.27	13.19		13.19
App by Air (5 gal)	appl	8.05					0.17	8.22		8.22
Warrior II ZT	oz	9.55					0.20	9.75		9.75
Header - Draper (SL)	40' Rigid		7.07	9.23	4.03		0.28	20.61	36.54	57.15
Grain Cart Rice	700 bu		1.87	1.27	2.01		0.07	5.22	5.74	10.96
HAND. & STOR. LABOR	hour				1.81		0.02	1.83		1.83
Dry Rice	bu									
Roll Out Pipe Irr.	acre	7.92	52.44	12.22	4.81		2.16	79.55	81.20	160.75
TOTALS		808.65	70.97	29.72	21.10	0.00	31.65	962.09	158.48	1120.57

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.

Table 25.E Estimated monthly income and expense flows per acre
Conventional Row Rice
Furrow Irrigated, 21 ac-in., 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	988.20	0.00
DIRECT EXPENSES												
CUSTOM SPRAY	0.00	0.00	0.00	0.00	8.05	0.00	0.00	16.10	0.00	24.15	0.00	0.00
FERTILIZERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.53	41.67	41.67	0.00	0.00
FUNGICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.12	0.00	0.00
HERBICIDES	0.00	0.00	0.00	0.00	11.14	0.00	42.45	126.16	0.00	19.22	0.00	0.00
INSECTICIDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.47	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	245.20	0.00	0.00	0.00	0.00	0.00
ADJUVANTS	0.00	0.00	0.00	0.00	0.00	0.00	5.50	5.72	0.00	7.00	0.00	0.00
CUSTOM FERTILIZE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.64	16.32	16.32	0.00	0.00
CROP CONSULTANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	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	3.30
LABOR	4.86	0.00	0.00	0.00	0.00	0.00	3.81	2.69	0.23	0.23	8.55	0.73
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	6.02	0.00	0.00	0.00	0.00	0.00	3.57	17.33	16.77	16.77	9.42	1.09
REPAIR & MAINTENANCE	3.45	0.00	0.00	0.00	0.00	0.00	3.55	5.99	2.80	2.80	10.70	0.43
INTEREST ON OP. CAP.	1.18	0.00	0.00	0.00	1.06	0.00	12.55	10.87	2.15	3.41	0.39	0.04
TOTAL DIRECT EXPENSES	15.51	0.00	0.00	0.00	20.25	0.00	316.63	326.95	79.94	168.16	29.06	5.59
NET INCOME	-15.51	0.00	0.00	0.00	-20.25	0.00	-316.63	-326.95	-79.94	-168.16	959.14	-5.59
NET INCOME TO DATE	-15.51	-15.51	-15.51	-15.51	-35.76	-35.76	-352.39	-679.34	-759.28	-927.44	31.70	26.11

Note: Cost of production estimates are based on 2025 input prices.
Fertilization decisions should be based on soil tests.
Soil test cost is prorated for a test every 3rd year.
* Lease costs are based on hourly usage costs.

Table 25.F Estimated returns for various price/yield combinations, per acre
Conventional Row Rice
Furrow Irrigated, 21 ac-in., Mississippi, 2026

PRODUCT			PERCENT										
			75	80	85	90	95	100	105	110	115	120	125
			PRODUCT PRICE										
Rice			4.11	4.39	4.66	4.94	5.21	5.49	5.76	6.03	6.31	6.58	6.86
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-591	-566	-542	-517	-492	-467	-443	-418	-393	-369	-344
			-749	-725	-700	-675	-651	-626	-601	-577	-552	-527	-502
60	108.00	bu	-517	-487	-458	-428	-398	-369	-339	-309	-280	-250	-220
			-675	-646	-616	-586	-557	-527	-498	-468	-438	-409	-379
70	126.00	bu	-443	-408	-374	-339	-304	-270	-235	-201	-166	-132	-97
			-601	-567	-532	-498	-463	-428	-394	-359	-325	-290	-255
80	144.00	bu	-369	-329	-290	-250	-211	-171	-132	-92	-52	-13	26
			-527	-488	-448	-409	-369	-330	-290	-250	-211	-171	-132
90	162.00	bu	-295	-250	-206	-161	-117	-72	-28	16	60	105	149
			-453	-409	-364	-320	-275	-231	-186	-142	-97	-53	-8
100	180.00	bu	-220	-171	-122	-72	-23	26	75	124	174	223	273
			-379	-330	-280	-231	-181	-132	-82	-33	15	65	114
110	198.00	bu	-146	-92	-38	16	70	124	179	233	287	342	396
			-305	-250	-196	-142	-87	-33	20	75	129	183	238
120	216.00	bu	-72	-13	45	105	164	223	283	342	401	460	520
			-231	-171	-112	-53	5	65	124	183	243	302	361
130	234.00	bu	1	65	129	194	258	322	386	451	515	579	643
			-157	-92	-28	35	99	164	228	292	356	421	485
140	252.00	bu	75	144	213	283	352	421	490	559	628	698	767
			-82	-13	55	124	193	262	332	401	470	539	608
150	270.00	bu	149	223	297	371	446	520	594	668	742	816	890
			-8	65	139	213	287	361	435	509	584	658	732

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	13.09
NT Plant-Folding	31R-15	MFWD 225	256,000	150	8	0.050	1.43	1.72	4.87	0.48	8.52	11.76	3.76	24.05
NT Plant-Folding	32R-15	MFWD 225	261,000	150	8	0.049	1.39	1.67	4.80	0.47	8.34	11.60	3.64	23.58
NT Plant-Rigid	4R-30	2WD 130	37,400	150	8	0.196	5.56	3.86	2.75	0.88	13.07	6.65	6.63	26.35
NT Plant-Rigid	4R-38	2WD 130	32,300	150	8	0.154	4.38	3.04	1.87	0.69	9.99	4.52	5.22	19.74
NT Plant-Rigid	6R-30	MFWD 150	46,800	150	8	0.130	3.71	2.97	2.29	0.79	9.77	5.54	5.94	21.26
NT Plant-Rigid	6R-38	MFWD 150	42,900	150	8	0.103	2.92	2.34	1.66	0.62	7.56	4.01	4.69	16.27
NT Plant-Rigid	8R-30	MFWD 170	63,300	150	8	0.098	2.78	2.52	2.33	0.67	8.31	5.62	5.18	19.12
NT Plant-Rigid	8R-38	MFWD 170	59,700	150	8	0.077	2.20	1.99	1.73	0.53	6.46	4.19	4.10	14.76
NT Plant-Rigid	11R-15	MFWD 170	65,000	150	8	0.133	3.78	3.43	3.25	0.91	11.39	7.86	7.05	26.31
NT Plant-Rigid	11R-20	MFWD 170	69,700	150	8	0.107	3.04	2.76	2.80	0.73	9.34	6.77	5.66	21.78
NT Plant-Rigid	12R-20	MFWD 190	74,700	150	8	0.098	2.78	2.82	2.75	0.86	9.22	6.64	6.66	22.53
NT Plant-Rigid	12R-30	MFWD 190	90,000	150	8	0.065	1.85	1.88	2.20	0.57	6.52	5.33	4.44	16.30
NT Plant-Rigid	15R-15	MFWD 190	88,600	150	8	0.105	2.97	3.02	3.48	0.92	10.40	8.42	7.13	25.96

(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---------------------							
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	3.83	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	5.76	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	6.79	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	6.79	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	16.01	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	12.64	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	8.42	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	21.05	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	63.06	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	69.34	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	46.37	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	7.41	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	5.46	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	10.37	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	8.20	25.07
Peanut Ptlt&PreTwin	8R-30/40	MFWD 190	127,000	150	8	0.120	3.42	3.47	5.75	1.06	13.70	13.88	8.20	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	0.10	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	0.12	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	4.23	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	2.82	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	6.89	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	4.59	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	3.62	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	3.44	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	4.78	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	3.44	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	2.29	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	3.89	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	3.76	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	6.85	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	5.39	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	6.14	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	4.84	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	5.36	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	4.23	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	7.82	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	5.86	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	6.89	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	4.59	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	7.37	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	3.96	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	5.95	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	3.93	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	2.62	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	6.40	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	4.26	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	3.36	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	3.20	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	4.44	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	3.20	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	2.13	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	3.61	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	3.49	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	6.36	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	5.01	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	5.70	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	4.50	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	4.97	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	3.93	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	7.26	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	5.44	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	6.40	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	4.26	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	3.69	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	3.68	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	5.53	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	4.20	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	3.38	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	2.62	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	2.91	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	0.51	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	3.46	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	6.81	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	3.85	11.64
Rotary Cutter-Flex	15'	MFWD 150	27,600	185	10	0.078	1.51	1.78	1.75	0.47	5.53	1.54	3.56	10.64
Rotary Cutter-Flex	20'	MFWD 150	42,400	185	10	0.058	1.13	1.33	2.02	0.35	4.85	1.78	2.67	9.31
Row Cond & Inc-Fold.	26'	MFWD 190	37,600	100	10	0.063	1.51	1.82	0.59	0.55	4.48	3.15	4.30	11.95
Row Cond & Inc-Fold.	38'	MFWD 225	49,800	100	10	0.043	1.03	1.47	0.54	0.41	3.46	2.85	3.22	9.54
Row Cond & Inc-Rigid	13'	2WD 130	18,700	100	10	0.126	3.02	2.49	0.59	0.57	6.68	3.13	4.28	14.10
Row Cond & Inc-Rigid	21'	2WD 170	26,900	100	10	0.078	1.87	2.02	0.52	0.29	4.71	2.79	2.25	9.76
Row Cond & Inc-Rigid	26'	MFWD 190	29,300	100	10	0.026	0.63	0.76	0.19	0.23	1.82	1.03	1.80	4.66
Row Cond Folding	26'	MFWD 225	31,900	100	10	0.059	1.15	2.03	0.47	0.57	4.23	2.51	4.43	11.18
Row Cond Folding	38'	MFWD 225	40,100	100	10	0.040	0.78	1.39	0.40	0.39	2.98	2.16	3.03	8.18

(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			Avaris	oz	1.96
Agri-Dex	pt	2.51	Avicta 500 Soybean	oz	2.14
AMS SuperMax	pt	3.81	Bravo Weather Stick	pt	4.25
Class Act NG	pt	2.00	Captan 4L	pt	5.37
Crop Oil Conc.(Pet.)	pt	2.86	Convoy	oz	1.24
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	3.33	Elatus	oz	3.65
Herbimax	pt	3.44	Flint Extra	oz	8.56
Induce	pt	3.00	Headline EC	oz	1.26
MSO	pt	3.50	Miravis Ace	oz	1.55
Penetrator Plus	pt	2.11	Miravis Top	oz	1.40
Surfactant	pt	3.30	Priaxor Xemium	oz	3.89
CLEANING			Propimax EC	pt	18.20
Cleaning Peanuts	ton	18.00	Prosaro	oz	1.57
CROP CONSULTANT			Provost Optimum	oz	2.17
Corn Consultant	acre	6.00	Provost Silver	oz	1.52
Cotton Consultant	acre	8.00	Quadris	oz	1.13
Peanut Consultant	acre	9.25	Quadris Top	oz	2.50
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	16.84
Wheat Consultant	acre	5.50	Stratego	pt	22.50
CUSTOM FERTILIZE			Stratego YLD	oz	3.38
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	1.44
CUSTOM LIME			GINNING		
Lime (Spread)	ton	63.67	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	0.07
CUSTOM SPRAY			Mepiquat	oz	0.06
App by Air (3 gal)	appl	7.50	Mepstar 6	oz	0.29
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	1.53
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	8.68
FERTILIZERS			Display	oz	10.59
Agrotain Ultra	pt	12.50	Ethephon 6E	pt	3.01
Amm Sulfate (21% N)	cwt	26.41	Finish 6	pt	11.17
Boron Plus	pt	3.77	Folex 6EC	pt	7.75
DAP	cwt	43.41	Freefall SC	oz	1.09
Fert 10-34-0	cwt	38.00	Ginstar EC	pt	29.72
Fert 10-34-0	gal	4.43	Gramoxone SL	oz	0.32
Fert 11-37-0	cwt	35.84	Module Wrap	roll	990.00
Fert 41-0-0-4	cwt	38.00	Module Wrap	port.	41.25
Lime	ton	53.67	Sharpen	oz	6.91
NBPT	pt	18.20	Sodium Chlorate 5L	gal	8.68
Phosphorus(46% P2O5)	cwt	32.25	SuperBoll	oz	0.33
Potash (60% K2O)	cwt	25.56	Thidiazuron 4lb	oz	1.09
Sulfur Plus	pt	2.62	Tribufos 6lb	pt	7.75
UAN (32% N)	cwt	23.75	Vacate	oz	1.39
UAN (32%)	gal	2.63	HAULING		
UAN + Sulfur (28%)	cwt	24.39	Haul Corn	bu	0.31
UAN + Sulfur (28%)	gal	2.71	Haul Peanuts	ton	14.50
Urea, Solid (46% N)	cwt	31.08	Haul Rice	bu	0.30
Zinc Plus	pt	3.50	Haul Sorghum	bu	0.35
FUNGICIDES			Haul Soybeans	bu	0.29
Abound	oz	1.74	Haul Wheat	bu	0.30
Alfa Guard	lb	1.67	HERBICIDES		
Allegiance Flowabl	oz	6.33	2,4-D Amine 4	pt	2.69
Amistar Top	oz	2.76	2,4-D Ester	pt	3.93
Approach Prima	pt	32.61	AAtrex 4L	pt	3.40
Apron Maxx RTA	oz	1.02	Accent Q	oz	24.02
Artisan	oz	0.70	Acuron	oz	0.63

(continued)

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

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Aim	oz	4.27	Harmony Extra SG	oz	10.39
Aim 2EC	oz	4.27	Helmet	oz	0.52
Anthem Flex	oz	5.68	HighCard	oz	1.14
Anthem Maxx	oz	5.26	Huskie	oz	0.99
Armezon Pro	oz	1.24	Impact	oz	13.93
Atrazine 4L	pt	2.17	Intimidator	oz	0.64
Atrazine 90DF	lb	5.01	Leadoff	oz	6.55
Authority First	lb	42.96	League	oz	6.34
Authority Elite	pt	14.50	Lexar	pt	5.36
Authority Maxx	lb	43.48	Liberty 280	oz	0.32
Authority MTZ	lb	19.75	Loyant	oz	2.67
Avatar	pt	8.04	Makaze	oz	0.17
Avenger	pt	13.75	Metolachlor	pt	5.15
Axial XL	oz	1.71	Metribuzin 4L	pt	9.10
Axiom	oz	2.25	Metribuzin 75	lb	9.99
Banvel	pt	4.86	MSMA	pt	5.25
Barrage	pt	3.63	Newpath	oz	4.59
Basagran	pt	5.43	Obey	oz	1.12
Boundary	pt	6.86	Osprey	oz	4.12
Brake	oz	1.61	Outlook	pt	13.78
Broadaxe	pt	13.50	Panther Pro	oz	3.46
Broadhead	lb	58.21	Parallel	pt	4.85
Bucaneer Plus	pt	2.16	Paraquat	oz	0.17
Buctril	pt	4.28	Parazone 3SL	oz	0.87
Butyrac 200 (2,4-DB)	pt	4.40	Permit	oz	16.50
Cadre	oz	2.20	Permit Plus	oz	24.33
Callisto	oz	2.99	PowerFlex	oz	8.02
Canopy	oz	3.25	Preface	oz	4.10
Caparol	pt	5.00	Prefix	pt	7.00
Capreno	oz	4.63	Provisia	oz	0.96
Cinch	pt	14.18	Prowl 3.3 EC	pt	6.63
Cinch ATZ	pt	6.26	Quelex	oz	9.62
Clarity	pt	15.00	RealmQ	oz	5.04
Classic	oz	18.60	RebelEx	oz	2.29
Clearpath	oz	4.46	Reflex	pt	8.18
Clethodim 2E	oz	0.23	Regiment	oz	61.59
Clincher SF	oz	3.00	Resicore	oz	0.41
Cobra	oz	0.39	Resource	oz	2.30
Command 3ME	pt	13.75	RiceBeaux	pt	6.72
Corvus	oz	6.06	Riceshot	pt	4.68
Cotoran	pt	7.34	Ricestar HT	pt	28.00
Cotton Pro	pt	3.45	Ringside	pt	5.44
Dicamba	pt	3.97	Roundup Power Max	oz	0.18
Direx	pt	3.15	Roundup PowerMax	pt	2.85
Diuron	pt	3.27	Roundup PowerMax ii	oz	0.31
Dual II Magnum	pt	5.56	Roundup PowerMax III	pt	2.90
Dual Magnum	pt	7.79	Roundup Pro	pt	0.20
Duet	pt	6.22	Scepter 70 DG	oz	6.04
Engenia	oz	1.06	Select Max	pt	11.55
Enlist Duo	pt	6.07	Sencor/Tricor.Metrib	lb	16.63
Enlist One	pt	7.56	Sequence	pt	6.17
Envive	oz	3.80	Sharpen	oz	6.91
Envoke	oz	96.20	Sinister	pt	8.12
Facet L	pt	17.78	Sonic	oz	3.53
Fierce	oz	7.75	Stalwart	pt	6.39
Fierce XLT	oz	5.34	Stam 80 EDF	lb	9.45
Finesse	oz	20.58	Stam M4	qt	8.67
Firestorm	pt	3.44	Staple LX	oz	8.63
First Rate	oz	34.50	Storm	pt	15.25
Flexstar	pt	8.00	Strada	oz	7.34
Flexstar GT	pt	5.60	Strada Pro	oz	7.49
Fusilade DX	oz	1.06	Strada XT2	oz	3.26
Gambit	oz	18.42	Superwham	qt	9.40
Glyphosate 3lbs a.e	pt	1.95	Suprend	lb	13.52
Glyphosate 3lbs a.e	oz	0.12	SureStart II	oz	0.43
Goal 2XL	pt	9.97	Surveil	oz	6.70
Gramoxone SL 2.0	oz	0.32	Synchrony XP	oz	12.00
Grandstand R	pt	19.22	Tavium	gal	76.16
Grasp	oz	13.56	Tempest	pt	26.10
Grasp Xtra	oz	1.72	Touchdown Total	qt	10.21
Halex GT	pt	5.76	Treflan	pt	4.05
Halomax	oz	21.28			

(continued)

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

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

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	5 6.41	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
Contour levee rice flood irrigation system
80-acre system, 33 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST: OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		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		0.04	0.91	1.12	2.03
Survey & Mark Levees	acre	4.50					0.19	4.69		4.69
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		1.10	0.40	0.83		0.10	2.43	2.97	5.40
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		0.03	0.71		0.71
Install Gates										
IRRIGATE LABOR	hour				2.72		0.11	2.83		2.83
Apply Water										
IRRIGATE LABOR	hour				6.80		0.28	7.08		7.08
Apply Water										
IRRIGATE LABOR	hour				6.80		0.23	7.03		7.03
Apply Water										
IRRIGATE LABOR	hour				6.80		0.19	6.99		6.99
Apply Water										
IRRIGATE LABOR	hour				6.80		0.14	6.94		6.94
Remove Gates										
IRRIGATE LABOR	hour				0.91		0.01	0.92		0.92
Tear Down Levees										
Levee Splitter (1/80	32"		0.86	0.29	0.64		0.02	1.81	2.17	3.98
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
Levee Gates	each								0.70	0.70
Well & Pump, Flood	each			5.91			0.20	6.11	24.06	30.17
Engine, Rice CL, 75	each								23.64	23.64
May Irrigation	ac-in		14.37	1.53			0.66	16.56		16.56
June Irrigation	ac-in		21.56	2.29			0.82	24.67		24.67
July Irrigation	ac-in		21.56	2.29			0.66	24.51		24.51
August Irrigation	ac-in		21.56	2.29			0.49	24.34		24.34
TOTALS		4.50	82.25	15.42	34.37	0.00	4.24	140.78	67.59	208.37

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

Appendix Table 9 Estimated costs for field operations, per acre
Straight levee rice flood irrigation system
80-acre system, 27 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		dollars								
Set Up Engine										
IRRIGATE LABOR	hour				0.45		0.02	0.47		0.47
Survey & Mark Levees	acre	2.25					0.09	2.34		2.34
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.83	0.30	0.62		0.07	1.82	2.23	4.05
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		0.03	0.71		0.71
Install Gates										
IRRIGATE LABOR	hour				1.36		0.06	1.42		1.42
Apply Water										
IRRIGATE LABOR	hour				4.53		0.19	4.72		4.72
Apply Water										
IRRIGATE LABOR	hour				4.53		0.16	4.69		4.69
Apply Water										
IRRIGATE LABOR	hour				4.53		0.12	4.65		4.65
Apply Water										
IRRIGATE LABOR	hour				4.53		0.09	4.62		4.62
Remove Gates										
IRRIGATE LABOR	hour				0.91		0.01	0.92		0.92
Tear Down Levees										
Levee Splitter (1/80	32"		0.64	0.22	0.48		0.02	1.36	1.62	2.98
Land Forming ($450)	each								43.97	43.97
Levee Gates	each								0.70	0.70
Well & Pump, Flood	each			5.91			0.20	6.11	24.06	30.17
Engine, Rice SL, 75	each								23.64	23.64
May Irrigation	ac-in		14.37	1.86			0.67	16.90		16.90
June Irrigation	ac-in		16.77	2.18			0.65	19.60		19.60
July Irrigation	ac-in		16.77	2.18			0.52	19.47		19.47
August Irrigation	ac-in		16.77	2.18			0.39	19.34		19.34
TOTALS		2.25	66.66	14.99	23.01	0.00	3.33	110.24	97.30	207.54

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

Appendix Table 10 Estimated costs for field operations, per acre
Straight levee rice multi inlet flood irrigation system
80-acre system, 23 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		DIRECT COST								
		dollars								
Set Up Engine										
IRRIGATE LABOR	hour				0.45		0.02	0.47		0.47
Survey & Mark Levees	acre	2.25					0.09	2.34		2.34
Build Inside Levees										
Levee Pull (1m/80a)	8 blade		0.83	0.30	0.62		0.07	1.82	2.23	4.05
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		0.03	0.71		0.71
Ditcher (1m/160a)			0.24	0.09	0.18		0.02	0.53	0.54	1.07
Roll-Out Pipe	ft	7.92					0.33	8.25		8.25
Lay Roll-out Pipe										
Pipe Spool 160ac	1/4m roll		0.32	0.14	0.47		0.04	0.97	1.31	2.28
Install Gates										
IRRIGATE LABOR	hour				1.36		0.06	1.42		1.42
Apply Water										
IRRIGATE LABOR	hour				1.81		0.07	1.88		1.88
Apply Water										
IRRIGATE LABOR	hour				1.81		0.06	1.87		1.87
Apply Water										
IRRIGATE LABOR	hour				1.81		0.05	1.86		1.86
Apply Water										
IRRIGATE LABOR	hour				1.81		0.04	1.85		1.85
Remove Gates										
IRRIGATE LABOR	hour				0.45		0.01	0.46		0.46
Tear Down Levees										
Levee Splitter (1/80	32"		0.64	0.22	0.48		0.02	1.36	1.62	2.98
Pick Up Pipe										
Pipe Spool 160ac	1/4m roll		0.16	0.06	0.23		0.01	0.46	0.66	1.12
Land Forming ($450)	each								43.97	43.97
Levee Gates	each								0.35	0.35
Well & Pump, Flood	each			5.91			0.20	6.11	24.06	30.17
Engine, Mult In Rice	each								23.64	23.64
May Irrigation	ac-in		11.98	1.75			0.57	14.30		14.30
June Irrigation	ac-in		14.37	2.10			0.57	17.04		17.04
July Irrigation	ac-in		14.37	2.10			0.45	16.92		16.92
August Irrigation	ac-in		14.37	2.10			0.34	16.81		16.81
TOTALS		10.17	57.79	14.93	12.55	0.00	3.09	98.53	99.46	197.99

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

Appendix Table 11 Estimated costs for field operations, per acre
Straight levee rice - zero grade flood irrigation
80-acre system, 19 ac-in., Delta Area, Mississippi, 2026

OPERATION/ OPERATING INPUT	SIZE/ UNIT	DIRECT COST OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL	FIXED COST	TOTAL COST
		dollars								
Set Up Engine										
IRRIGATE LABOR	hour				0.45		0.02	0.47		0.47
Apply Water										
IRRIGATE LABOR	hour				2.27		0.09	2.36		2.36
Apply Water										
IRRIGATE LABOR	hour				2.27		0.08	2.35		2.35
Apply Water										
IRRIGATE LABOR	hour				2.27		0.06	2.33		2.33
Apply Water										
IRRIGATE LABOR	hour				2.27		0.05	2.32		2.32
Land Forming ($450)	each								43.97	43.97
Well & Pump, Flood	each			5.91			0.20	6.11	24.06	30.17
Engine, Rice SL, 75	each								23.64	23.64
May Irrigation	ac-in		9.58	1.24			0.45	11.27		11.27
June Irrigation	ac-in		11.98	1.55			0.47	14.00		14.00
July Irrigation	ac-in		11.98	1.55			0.37	13.90		13.90
August Irrigation	ac-in		11.98	1.55			0.28	13.81		13.81
TOTALS		0.00	45.52	11.80	9.53	0.00	2.07	68.92	91.67	160.59

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

Literature Cited

1. Agricultural Engineers Yearbook of Standards. American Society of Agricultural Engineers, St. Joseph, Michigan.

2. Boehlje, M.D. and V.R. Eidman. *Farm Management*. New York: John Wiley and Sons, 1984.

3. Bolton, Bill, J.B. Penn, Fred T. Cooke Jr., and Arthur M. Heagler. "Days Suitable for Fieldwork, Mississippi River Delta Cotton Area." D.A.E. Research Report No. 384, Louisiana State University, November 1968.".

4. Budgets for Major Farm Enterprises in the Mississippi River Delta of Arkansas, Louisiana, and Mississippi." D.A.E. Circular No. 281, Department of Agricultural Economics and Agribusiness, Agricultural Experiment Station, Louisiana State University, June 1961

5. Caillavet, DeWitt F. "An Economic Assessment of Production Alternatives Resulting From Changes in the Machinery Complement of Representative Farms in the Delta Area of Mississippi." Master of Science Thesis, Department of Agricultural Economics, Mississippi State University, May 1984.

6. Cooke, Fred T. Jr., J.M. Anderson, and Arthur M. Heagler. "Crop Budgets and Planning Data for Major Farm Enterprises in the Yazoo-Mississippi Delta." Mississippi Agricultural and Forestry Experiment Station Bulletin 794, July 1972.

7. Cooke, Fred T. Jr., J.M. Anderson, D.W. Parvin Jr., A.M. Heagler, Kenneth Paxton, Shelby Holders Jr., and James G. Hamill. "Crop Budgets and Planning Data for Major Farm Enterprises in the Mississippi-Louisiana Delta, 1975." Mississippi Agricultural and Forestry Experiment Station Bulletin 834, May 1975.

8. "Corn, Grain Sorghum & Wheat 2025 Planning Budgets." Budget Report No. 2024-03, Department of Agricultural Economics, Mississippi State University, November 2024.

9. "Costs of Producing Selected Crops in the U.S., 1974." Senate Committee Project No. 63-092, Committee on Agriculture and Forestry, U.S. Senate, January 8, 1976.

10. "Cotton 2025 Planning Budgets." Budget Report No. 2024-01, Department of Agricultural Economics, Mississippi State University, November 2024.

11. Cox, Laura Rebecca. "Overhead Labor Cost in the Delta Area of Mississippi." Master of Science Thesis, Department of Agricultural Economics, Mississippi State University, October 1982.

12. "Forage 2026 Planning Budgets." Budget Report No. 2025-08, Department of Agricultural Economics, Mississippi State University, April 2025.

13. Laughlin, David H. and Robert K. Mehrle. "An Economic Evaluation: Straight Versus Contour Levee Rice Production Practices in Mississippi." Mississippi Agricultural and Forestry Experiment Station Bulletin 1063. December 1996.

14. Laughlin, David H. and Stan Spurlock. “User’s Guide for the Mississippi State Budget Generator Version 6.0 for Windows.” AEC Staff Report No. 2003-01, Department of Agricultural Economics, Mississippi State University, March 2003.

15. “Peanuts 2025 Planning Budgets." Budget Report No. 2024-07, Department of Agricultural Economics, Mississippi State University, November 2024.

16. "Rice 2025 Planning Budgets." Budget Report No. 2024-04, Department of Agricultural Economics, Mississippi State University, November 2024.

17. "Soybeans 2025 Planning Budgets." Budget Report No. 2024-02, Department of Agricultural Economics, Mississippi State University, November 2024.

18. United States Department of Agriculture Farm Service Agency. *Commodity Loan Rates*. https://www.fsa.usda.gov/programs-and-services/price-support/commodity-loan-rates/index. Accessed October 22, 2021.

19. "Vegetables 2018 Planning Budgets." Budget Report No. 2017-09, Department of Agricultural Economics, Mississippi State University December 2017.

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