

**Rice, Silt Loam Soils, Eastern Arkansas, 2000**

Ag-558-12-99

**Tony E. Windham, Extension Economist - Management**  
**Jennifer Sills, Extension Associate**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>CROP SEED</b>					
Rice seed	bushel	8.60	2.2000	18.92	_____
<b>CUSTOM WORK</b>					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air herbicid	acre	4.50	2.0000	9.00	_____
Cstm ap air fert	lb	0.05	310.0000	13.95	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fungicid	acre	4.50	0.2000	0.90	_____
Custom haul rice	bushel	0.12	135.0000	16.20	_____
Custom dry rice	bushel	0.30	135.0000	40.50	_____
<b>FERTILIZER &amp; LIME</b>					
0-30-30	lb	0.11	100.0000	10.80	_____
Urea 46%	lb	0.07	310.0000	21.39	_____
<b>FUNGICIDE &amp; SEED TR.</b>					
Vitavax (rice)	bu	1.69	2.2000	3.72	_____
Foliar Fungicide	ounce	2.27	2.4600	5.58	_____
<b>HERBICIDES</b>					
Propanil (Stam) 4EC	pint	2.38	16.0000	38.08	_____
Prowl 4EC	pint	3.00	2.4000	7.20	_____
2,4-D Amine	pint	1.50	0.2000	0.30	_____
<b>MISC. IRRIGATION</b>					
Levee gates (plastic)	acre	1.45	1.0000	1.45	_____
<b>OPERATOR LABOR</b>					
Implements	hour	6.23	1.3020	8.11	_____
Self-Propelled Eq.	hour	6.23	0.3748	2.33	_____
<b>IRRIGATION LABOR</b>					
Flood irrg.- rice	hour	6.23	1.4400	8.97	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.60	10.2703	6.16	_____
Self-Propelled Eq.	gal	0.60	5.3923	3.24	_____
Flood irrg.- rice	gal	0.60	23.5200	14.11	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	2.95	1.0000	2.95	_____
Tractors	acre	8.72	1.0000	8.72	_____
Self-Propelled Eq.	acre	11.90	1.0000	11.90	_____
Flood irrg.- rice	acre	2.06	1.0000	2.06	_____
INTEREST ON OP. CAP.	acre	8.99	1.0000	8.99	_____
<b>TOTAL DIRECT EXPENSES</b>				<b>274.30</b>	_____
<b>FIXED EXPENSES</b>					
Implements	acre	7.91	1.0000	7.91	_____
Tractors	acre	14.65	1.0000	14.65	_____
Self-Propelled Eq.	acre	27.49	1.0000	27.49	_____
Flood irrg.- rice	acre	10.73	1.0000	10.73	_____
<b>TOTAL FIXED EXPENSES</b>				<b>60.78</b>	_____
<b>TOTAL SPECIFIED EXPENSES</b>				<b>335.08</b>	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, Eastern AR 2000

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	180	0.082	1.00	Nov	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Disk, medium cut	26.41'	180	0.082	1.00	Mar	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Land float	16'x 56'	180	0.138	2.00	Mar	4.68	4.64	0.19	0.83	0.331	2.06				12.40
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.50	4.50	4.50
0-30-30	lb											100.0000	0.11	10.80	10.80
Field cultivator	25.5'	180	0.054	1.00	Apr	0.91	0.91	0.20	0.50	0.065	0.40				2.93
Bed conditioner	20'	160	0.069	1.00	Apr	1.06	1.08	0.22	0.54	0.083	0.52				3.42
Grain drill	20'	145	0.118	1.00	Apr	1.51	1.40	0.82	1.98	0.271	1.69				7.40
Rice seed	bushel											2.0000	8.60	17.20	17.20
Vitavax (rice)	bu											2.0000	1.69	3.38	3.38
Roller smooth 30"dia	32'	145	0.054	1.00	Apr	0.69	0.64	0.09	0.49	0.065	0.40				2.31
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	145	1.618	0.01	Apr	0.21	0.19	0.13	0.25	0.019	0.12				0.90
Levee disk	9'	160	0.196	0.20	Apr	0.61	0.61	0.07	0.17	0.047	0.29				1.75
Levee disk/w box sdr	9'	160	0.238	0.10	Apr	0.37	0.37	0.09	0.18	0.055	0.34				1.34
Rice seed	bushel											0.2000	8.60	1.72	1.72
Vitavax (rice)	bu											0.2000	1.69	0.34	0.34
Blade, rear mount	8'	110	0.645	0.05	May	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	110	0.108	0.05	May	0.05	0.05	0.01	0.05	0.006	0.04				0.21
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											8.0000	2.38	19.04	19.04
Prowl 4EC	pint											2.4000	3.00	7.20	7.20
Cstm ap air fert	lb			1.00	May							180.0000	0.05	8.10	8.10
Urea 46%	lb											180.0000	0.07	12.42	12.42
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											8.0000	2.38	19.04	19.04
Flood irrg.- rice	ac in			1.00	May			2.02	1.34	0.180	1.12	3.0000			4.48
Flood irrg.- rice	ac in			1.00	Jun			3.37	2.24	0.300	1.87	5.0000			7.47
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.50	0.30	0.30
Cstm ap air fert	lb			1.00	Jul							130.0000	0.05	5.85	5.85
Urea 46%	lb											130.0000	0.07	8.97	8.97
Flood irrg.- rice	ac in			1.00	Jul			6.74	4.47	0.600	3.74	10.0000			14.95
Cstm ap air fungicid	acre			0.20	Aug							0.2000	4.50	0.90	0.90
Foliar Fungicide	ounce											2.4600	2.27	5.58	5.58
Flood irrg.- rice	ac in			1.00	Aug			4.04	2.68	0.360	2.24	6.0000			8.97
Combine, 4wd, rice	25'		0.328	1.00	Sep			15.14	27.49	0.375	2.33				44.96
Grain buggy	500 bu	180	0.248	0.26	Sep	1.08	1.08	0.16	0.37	0.077	0.48				3.17
Custom haul rice	bushel			1.00	Sep							135.0000	0.12	16.20	16.20
Custom dry rice	bushel			1.00	Sep							135.0000	0.30	40.50	40.50
Levee disk-knock dwn	9'	160	0.196	0.20	Oct	0.61	0.61	0.07	0.17	0.047	0.29				1.75
TOTALS						14.88	14.65	34.26	46.13	3.117	19.42			196.74	326.08
INTEREST ON OPERATING CAPITAL															8.99
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															335.08

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not name, not does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Rice, Clay Soils, Eastern Arkansas, 2000**

Ag-559-12-99

**Tony E. Windham, Extension Economist - Management**  
**Jennifer Sills, Extension Associate**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>CROP SEED</b>					
Rice seed	bushel	8.60	2.7500	23.65	_____
<b>CUSTOM WORK</b>					
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air herbicid	acre	4.50	2.0000	9.00	_____
Cstm ap air fert	lb	0.05	355.0000	15.98	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fungicid	acre	4.50	0.2000	0.90	_____
Custom haul rice	bushel	0.12	135.0000	16.20	_____
Custom dry rice	bushel	0.30	135.0000	40.50	_____
<b>FERTILIZER &amp; LIME</b>					
Urea 46%	lb	0.07	355.0000	24.50	_____
<b>FUNGICIDE &amp; SEED TR.</b>					
Release	bushel	1.75	2.7500	4.81	_____
Foliar Fungicide	ounce	2.27	2.4600	5.58	_____
<b>HERBICIDES</b>					
Propanil (Stam) 4EC	pint	2.38	8.0000	19.04	_____
Prowl 4EC	pint	3.00	2.4000	7.20	_____
Ordram 15G	lb	1.12	27.0000	30.24	_____
Grandstand R	pint	10.00	0.5000	5.00	_____
<b>MISC. IRRIGATION</b>					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
<b>OPERATOR LABOR</b>					
Implements	hour	6.23	1.3255	8.26	_____
Self-Propelled Eq.	hour	6.23	0.3748	2.33	_____
<b>IRRIGATION LABOR</b>					
Flood irrg-rice,clay	hour	6.23	1.9200	11.96	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.60	10.4708	6.28	_____
Self-Propelled Eq.	gal	0.60	5.3923	3.24	_____
Flood irrg-rice,clay	gal	0.60	31.3600	18.82	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	2.98	1.0000	2.98	_____
Tractors	acre	8.90	1.0000	8.90	_____
Self-Propelled Eq.	acre	11.90	1.0000	11.90	_____
Flood irrg-rice,clay	acre	2.88	1.0000	2.88	_____
INTEREST ON OP. CAP.	acre	9.67	1.0000	9.67	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				295.52	_____
<b>FIXED EXPENSES</b>					
Implements	acre	8.00	1.0000	8.00	_____
Tractors	acre	14.96	1.0000	14.96	_____
Self-Propelled Eq.	acre	27.49	1.0000	27.49	_____
Flood irrg-rice,clay	acre	15.04	1.0000	15.04	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				65.48	_____
				-----	
<b>TOTAL SPECIFIED EXPENSES</b>				361.00	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, Eastern AR 2000

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	180	0.082	1.00	Nov	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Disk, medium cut	26.41'	180	0.082	1.00	Mar	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Land float	16'x 56'	180	0.138	2.00	Mar	4.68	4.64	0.19	0.83	0.331	2.06				12.40
Field cultivator	25.5'	180	0.054	1.00	Apr	0.91	0.91	0.20	0.50	0.065	0.40				2.93
Bed conditioner	20'	160	0.069	1.00	Apr	1.06	1.08	0.22	0.54	0.083	0.52				3.42
Grain drill	20'	145	0.118	1.00	Apr	1.51	1.40	0.82	1.98	0.271	1.69				7.40
Rice seed	bushel											2.5000	8.60	21.50	21.50
Release	bushel											2.5000	1.75	4.38	4.38
Roller smooth 30"dia	32'	145	0.054	1.00	Apr	0.69	0.64	0.09	0.49	0.065	0.40				2.31
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	145	1.618	0.01	Apr	0.21	0.19	0.13	0.25	0.019	0.12				0.90
Levee disk	9'	160	0.196	0.30	Apr	0.91	0.92	0.10	0.26	0.071	0.44				2.62
Levee disk/w box sdr	9'	160	0.238	0.10	Apr	0.37	0.37	0.09	0.18	0.055	0.34				1.34
Rice seed	bushel											0.2500	8.60	2.15	2.15
Release	bushel											0.2500	1.75	0.44	0.44
Blade, rear mount	8'	110	0.645	0.05	May	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	110	0.108	0.05	May	0.05	0.05	0.01	0.05	0.006	0.04				0.21
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											8.0000	2.38	19.04	19.04
Prowl 4EC	pint											2.4000	3.00	7.20	7.20
Cstm ap air fert	lb			1.00	May							225.0000	0.05	10.13	10.13
Urea 46%	lb											225.0000	0.07	15.53	15.53
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Ordram 15G	lb											27.0000	1.12	30.24	30.24
Flood irrg-rice,clay	ac in			1.00	May			4.07	2.82	0.360	2.24	6.0000			9.13
Flood irrg-rice,clay	ac in			1.00	Jun			5.42	3.76	0.480	2.99	8.0000			12.17
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
Grandstand R	pint											0.5000	10.00	5.00	5.00
Cstm ap air fert	lb			1.00	Jul							130.0000	0.05	5.85	5.85
Urea 46%	lb											130.0000	0.07	8.97	8.97
Flood irrg-rice,clay	ac in			1.00	Jul			6.78	4.70	0.600	3.74	10.0000			15.22
Cstm ap air fungicid	acre			0.20	Aug							0.2000	4.50	0.90	0.90
Foliar Fungicide	ounce											2.4600	2.27	5.58	5.58
Flood irrg-rice,clay	ac in			1.00	Aug			5.42	3.76	0.480	2.99	8.0000			12.17
Combine, 4wd, rice	25'		0.328	1.00	Sep			15.14	27.49	0.375	2.33				44.96
Grain buggy	500 bu	180	0.248	0.26	Sep	1.08	1.08	0.16	0.37	0.077	0.48				3.17
Custom haul rice	bushel			1.00	Sep							135.0000	0.12	16.20	16.20
Custom dry rice	bushel			1.00	Sep							135.0000	0.30	40.50	40.50
Levee disk-knock dwn	9'	160	0.196	0.20	Oct	0.61	0.61	0.07	0.17	0.047	0.29				1.75
TOTALS						15.18	14.96	39.82	50.52	3.620	22.55			208.30	351.34
INTEREST ON OPERATING CAPITAL															9.67
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															361.00

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UNIVERSITY OF ARKANSAS  
 DIVISION OF AGRICULTURE  
 Cooperative Extension Service

# Estimating 2000 Costs of Production

## Rice, Water Seeded, Eastern Arkansas, 2000

Ag-560-12-99

Tony E. Windham, Extension Economist - Management

Jennifer Sills, Extension Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Rice seed	bushel	8.60	2.7500	23.65	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air herbicid	acre	4.50	2.0000	9.00	_____
Cstm ap air seed	lb	0.05	123.7500	5.57	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	lb	0.05	130.0000	5.85	_____
Cstm ap air fungicid	acre	4.50	0.2000	0.90	_____
Custom haul rice	bushel	0.12	135.0000	16.20	_____
Custom dry rice	bushel	0.30	135.0000	40.50	_____
FERTILIZER & LIME					
Urea 46%	lb	0.07	340.0000	23.46	_____
FUNGICIDE & SEED TR.					
Foliar Fungicide	ounce	2.27	2.4600	5.58	_____
HERBICIDES					
Bolero 8EC	pint	6.13	4.0000	24.52	_____
Londax	ounce	15.00	1.0000	15.00	_____
2,4-D Amine	pint	1.50	0.2000	0.30	_____
INSECTICIDES					
Insect Seed Trmt	bushel	4.51	2.7500	12.40	_____
MISC. IRRIGATION					
Levee gates (plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	6.23	0.9299	5.79	_____
Self-Propelled Eq.	hour	6.23	0.3748	2.33	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	6.23	2.1600	13.46	_____
DIESEL FUEL					
Tractors	gal	0.60	8.6534	5.19	_____
Self-Propelled Eq.	gal	0.60	5.3923	3.24	_____
Flood irrg.- rice	gal	0.60	35.2800	21.17	_____
REPAIR & MAINTENANCE					
Implements	acre	1.80	1.0000	1.80	_____
Tractors	acre	7.49	1.0000	7.49	_____
Self-Propelled Eq.	acre	11.90	1.0000	11.90	_____
Flood irrg.- rice	acre	3.10	1.0000	3.10	_____
INTEREST ON OP. CAP.					
				8.85	_____
TOTAL DIRECT EXPENSES				277.45	_____
FIXED EXPENSES					
Implements	acre	5.06	1.0000	5.06	_____
Tractors	acre	12.59	1.0000	12.59	_____
Self-Propelled Eq.	acre	27.49	1.0000	27.49	_____
Flood irrg.- rice	acre	16.09	1.0000	16.09	_____
TOTAL FIXED EXPENSES				61.22	_____
TOTAL SPECIFIED EXPENSES				338.67	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, Eastern AR 2000

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	180	0.082	1.00	Nov	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Disk, medium cut	26.41'	180	0.082	1.00	Mar	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Land float	16'x 56'	180	0.138	2.00	Mar	4.68	4.64	0.19	0.83	0.331	2.06				12.40
Cstm ap grd fert dry acre				1.00	Apr								1.0000	4.50	4.50
Urea 46%	lb												210.0000	0.07	14.49
Field cultivator	25.5'	180	0.054	1.00	Apr	0.91	0.91	0.20	0.50	0.065	0.40				2.93
Roller (wheels)	20'	180	0.081	1.00	Apr	1.37	1.36	0.06	0.30	0.097	0.61				3.70
Cstm laser survey	acre			1.00	Apr								1.0000	2.50	2.50
Ditcher, rear mount	3'	145	1.618	0.01	Apr	0.21	0.19	0.13	0.25	0.019	0.12				0.90
Levee disk	9'	160	0.196	0.20	Apr	0.61	0.61	0.07	0.17	0.047	0.29				1.75
Blade, rear mount	8'	110	0.645	0.05	May	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Levee gates(plastic)	acre			1.00	May								1.0000	1.45	1.45
Back hoe, rear mount	18'	110	0.108	0.05	May	0.05	0.05	0.01	0.05	0.006	0.04				0.21
Cstm ap air herbicid acre				1.00	May								1.0000	4.50	4.50
Bolero 8EC	pint												4.0000	6.13	24.52
Flood irrg.- rice	ac in			1.00	May			4.04	2.68	0.360	2.24		6.0000		8.97
Cstm ap air seed	lb			1.00	May								123.7500	0.05	5.57
Rice seed	bushel												2.7500	8.60	23.65
Insect Seed Trmt	bushel												2.7500	4.51	12.40
Cstm ap air herbicid acre				1.00	May								1.0000	4.50	4.50
Londax	ounce												1.0000	15.00	15.00
Flood irrg.- rice	ac in			1.00	May			2.02	1.34	0.180	1.12		3.0000		4.48
Flood irrg.- rice	ac in			1.00	Jun			4.04	2.68	0.360	2.24		6.0000		8.97
Cstm levee spray	acre			1.00	Jul								1.0000	1.75	1.75
2,4-D Amine	pint												0.2000	1.50	0.30
Cstm ap air fert	lb			1.00	Jul								130.0000	0.05	5.85
Urea 46%	lb												130.0000	0.07	8.97
Flood irrg.- rice	ac in			1.00	Jul			8.09	5.36	0.720	4.49		12.0000		17.94
Cstm ap air fungicid acre				0.20	Aug								0.2000	4.50	0.90
Foliar Fungicide	ounce												2.4600	2.27	5.58
Flood irrg.- rice	ac in			1.00	Aug			6.07	4.02	0.540	3.36		9.0000		13.45
Combine, 4wd, rice	25'		0.328	1.00	Sep			15.14	27.49	0.375	2.33				44.96
Grain buggy	500 bu	180	0.248	0.27	Sep	1.15	1.14	0.17	0.39	0.081	0.51				3.35
Custom haul rice	bushel			1.00	Sep								135.0000	0.12	16.20
Custom dry rice	bushel			1.00	Sep								135.0000	0.30	40.50
Levee disk-knock dwn	9'	160	0.196	0.20	Oct	0.61	0.61	0.07	0.17	0.047	0.29				1.75
TOTALS						12.68	12.59	41.20	48.63	3.465	21.58			193.14	329.82
INTEREST ON OPERATING CAPITAL															8.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															338.67

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# Estimating 2000 Costs of Production



## Rice, Silt Loam Soils, No-till, Eastern Arkansas, 2000

Ag-587-02-00

Tony E. Windham, Extension Economist - Management  
Jennifer Sills, Extension Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>CROP SEED</b>					
Rice seed	bushel	8.60	2.4200	20.81	_____
<b>CUSTOM WORK</b>					
Cstm ap grd herbicid	acre	4.50	2.0000	9.00	_____
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air herbicid	acre	4.50	2.0000	9.00	_____
Cstm ap air fert	lb	0.05	310.0000	13.95	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fungicid	acre	4.50	0.2000	0.90	_____
Custom haul rice	bushel	0.12	135.0000	16.20	_____
Custom dry rice	bushel	0.30	135.0000	40.50	_____
<b>FERTILIZER &amp; LIME</b>					
0-30-30	lb	0.11	100.0000	10.80	_____
Urea 46%	lb	0.07	310.0000	21.39	_____
<b>FUNGICIDE &amp; SEED TR.</b>					
Vitavax (rice)	bu	1.69	2.4200	4.09	_____
Release	bushel	1.75	2.2000	3.85	_____
Foliar Fungicide	ounce	2.27	2.4600	5.58	_____
<b>HERBICIDES</b>					
Roundup Ultra	pint	4.44	4.0000	17.76	_____
Propanil (Stam) 4EC	pint	2.38	16.0000	38.08	_____
Prowl 4EC	pint	3.00	2.4000	7.20	_____
2,4-D Amine	pint	1.50	0.2000	0.30	_____
<b>MISC. IRRIGATION</b>					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
<b>OPERATOR LABOR</b>					
Implements	hour	6.23	0.5616	3.50	_____
Self-Propelled Eq.	hour	6.23	0.3748	2.33	_____
<b>IRRIGATION LABOR</b>					
Flood irrg.- rice	hour	6.23	1.4400	8.97	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.60	3.3420	2.01	_____
Self-Propelled Eq.	gal	0.60	5.3923	3.24	_____
Flood irrg.- rice	gal	0.60	23.5200	14.11	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.36	1.0000	1.36	_____
Tractors	acre	2.75	1.0000	2.75	_____
Self-Propelled Eq.	acre	11.90	1.0000	11.90	_____
Flood irrg.- rice	acre	2.06	1.0000	2.06	_____
INTEREST ON OP. CAP.	acre	9.76	1.0000	9.76	_____
<b>TOTAL DIRECT EXPENSES</b>				291.60	_____
<b>FIXED EXPENSES</b>					
Implements	acre	3.22	1.0000	3.22	_____
Tractors	acre	4.62	1.0000	4.62	_____
Self-Propelled Eq.	acre	27.49	1.0000	27.49	_____
Flood irrg.- rice	acre	10.73	1.0000	10.73	_____
<b>TOTAL FIXED EXPENSES</b>				46.06	_____
<b>TOTAL SPECIFIED EXPENSES</b>				337.66	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, No-till, Eastern AR 2000

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Cstm ap grd herbicid	acre			1.00	Mar							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											2.0000	4.44	8.88	8.88
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.50	4.50	4.50
0-30-30	lb											100.0000	0.11	10.80	10.80
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											2.0000	4.44	8.88	8.88
Grain drill	20'	145	0.118	1.00	Apr	1.51	1.40	0.82	1.98	0.271	1.69				7.40
Rice seed	bushel											2.2000	8.60	18.92	18.92
Vitavax (rice)	bu											2.2000	1.69	3.72	3.72
Release	bushel											2.2000	1.75	3.85	3.85
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	145	1.618	0.01	Apr	0.21	0.19	0.13	0.25	0.019	0.12				0.90
Levee disk	9'	160	0.196	0.20	Apr	0.61	0.61	0.07	0.17	0.047	0.29				1.75
Levee disk/w box sdr	9'	160	0.238	0.10	Apr	0.37	0.37	0.09	0.18	0.055	0.34				1.34
Rice seed	bushel											0.2200	8.60	1.89	1.89
Vitavax (rice)	bu											0.2200	1.69	0.37	0.37
Blade, rear mount	8'	110	0.645	0.05	May	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	110	0.108	0.05	May	0.05	0.05	0.01	0.05	0.006	0.04				0.21
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											8.0000	2.38	19.04	19.04
Prowl 4EC	pint											2.4000	3.00	7.20	7.20
Cstm ap air fert	lb			1.00	May							180.0000	0.05	8.10	8.10
Urea 46%	lb											180.0000	0.07	12.42	12.42
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											8.0000	2.38	19.04	19.04
Flood irrg.- rice	ac in			1.00	May			2.02	1.34	0.180	1.12	3.0000			4.48
Flood irrg.- rice	ac in			1.00	Jun			3.37	2.24	0.300	1.87	5.0000			7.47
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.50	0.30	0.30
Cstm ap air fert	lb			1.00	Jul							130.0000	0.05	5.85	5.85
Urea 46%	lb											130.0000	0.07	8.97	8.97
Flood irrg.- rice	ac in			1.00	Jul			6.74	4.47	0.600	3.74	10.0000			14.95
Cstm ap air fungicid	acre			0.20	Aug							0.2000	4.50	0.90	0.90
Foliar Fungicide	ounce											2.4600	2.27	5.58	5.58
Flood irrg.- rice	ac in			1.00	Aug			4.04	2.68	0.360	2.24	6.0000			8.97
Combine, 4wd, rice	25'		0.328	1.00	Sep			15.14	27.49	0.375	2.33				44.96
Grain buggy	500 bu	180	0.248	0.26	Sep	1.08	1.08	0.16	0.37	0.077	0.48				3.17
Custom haul rice	bushel			1.00	Sep							135.0000	0.12	16.20	16.20
Custom dry rice	bushel			1.00	Sep							135.0000	0.30	40.50	40.50
Levee disk-knock dwn	9'	160	0.196	0.20	Oct	0.61	0.61	0.07	0.17	0.047	0.29				1.75
TOTALS						4.76	4.62	32.67	41.44	2.376	14.80			229.62	327.91
INTEREST ON OPERATING CAPITAL															9.76
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															337.66

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