

Estimating 2005 Costs of Production

Rice, Silt Loam Soils, Eastern Arkansas

AG-848-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Rice seed	bu	7.43	2.2000	16.34	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	1.0000	4.00	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air fert	lb	0.05	230.0000	11.50	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	acre	4.50	1.0000	4.50	_____
Cstm ap air fungicid	acre	4.50	0.3000	1.35	_____
Custom haul rice	bu	0.12	140.0000	16.80	_____
Custom dry rice	bu	0.30	140.0000	42.00	_____
FERTILIZER & LIME					
0-18-36	lb	0.12	200.0000	24.00	_____
Urea 46%	lb	0.15	330.0000	49.50	_____
FUNGICIDE & SEED TR.					
Vitavax (rice)	bu	2.11	2.2000	4.64	_____
Apron XL - bu	bushel	2.80	2.2000	6.16	_____
Release	bu	1.75	2.2000	3.85	_____
Foliar Fungicide	oz	2.00	3.6900	7.38	_____
HERBICIDES					
Command 3ME	pint	10.39	0.8000	8.31	_____
Propanil (Stam) 4EC	pint	2.36	6.0000	14.16	_____
Permit	oz	14.91	1.0000	14.91	_____
Facet	lb	47.98	0.2500	11.99	_____
2,4-D Amine	pint	1.46	0.2000	0.29	_____
MISC. IRRIGATION					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	7.26	0.3331	2.41	_____
Tractors	hour	7.26	0.9746	7.07	_____
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	7.26	0.2400	1.74	_____
DIESEL FUEL					
Tractors	gal	1.35	9.0688	12.24	_____
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____
Flood irrg.- rice	gal	1.35	24.0000	32.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.72	1.0000	2.72	_____
Tractors	acre	6.90	1.0000	6.90	_____
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____
Flood irrg.- rice	ac in	0.21	24.0000	5.16	_____
INTEREST ON OP. CAP.	acre	6.48	1.0000	6.48	_____
TOTAL DIRECT EXPENSES				348.52	_____
FIXED EXPENSES					
Implements	acre	6.29	1.0000	6.29	_____
Tractors	acre	15.49	1.0000	15.49	_____
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____
Flood irrg.- rice	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				64.39	_____
TOTAL SPECIFIED EXPENSES				412.92	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						-----dollars-----			
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Nov	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Mar	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Land float	16'x 56'	MFWD190	0.138	2.00	Mar	6.29	5.13	0.18	0.70	0.358	2.60				14.92
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.12	24.00	24.00
Field cultivator	25.5'	MFWD190	0.054	1.00	Apr	1.23	1.00	0.20	0.42	0.070	0.50				3.37
Grain drill	20'	MFWD190	0.118	1.00	Apr	2.68	2.19	0.82	1.66	0.283	2.05				9.42
Rice seed	bu											2.0000	7.43	14.86	14.86
Vitavax (rice)	bu											2.0000	2.11	4.22	4.22
Apron XL - bu	bushel											2.0000	2.80	5.60	5.60
Release	bu											2.0000	1.75	3.50	3.50
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Command 3ME	pint											0.8000	10.39	8.31	8.31
Roller smooth 30"dia	32'	MFWD 150	0.054	1.00	Apr	0.98	0.82	0.09	0.39	0.070	0.50				2.80
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	MFWD 150	1.618	0.01	Apr	0.29	0.24	0.12	0.21	0.021	0.15				1.04
Levee disk	9'	2WD 170	0.196	0.20	Apr	0.76	0.57	0.06	0.15	0.050	0.36				1.93
Levee disk/w box sdr	9'	2WD 170	0.238	0.10	Apr	0.46	0.35	0.08	0.15	0.057	0.41				1.47
Rice seed	bu											0.2000	7.43	1.48	1.48
Vitavax (rice)	bu											0.2000	2.11	0.42	0.42
Apron XL - bu	bushel											0.2000	2.80	0.56	0.56
Release	bu											0.2000	1.75	0.35	0.35
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30				1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05				0.22
Cstm ap air fert	lb			1.00	May							230.0000	0.05	11.50	11.50
Urea 46%	lb											230.0000	0.15	34.50	34.50
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											6.0000	2.36	14.16	14.16
Permit	oz											1.0000	14.91	14.91	14.91
Facet	lb											0.2500	47.98	11.99	11.99
Flood irrg.- rice	ac in			1.00	May			4.69	16.33	0.030	0.21	3.0000			21.24
Flood irrg.- rice	ac in			1.00	Jun					0.050	0.36	5.0000			8.18
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.46	0.29	0.29
Cstm ap air fert	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Urea 46%	lb											100.0000	0.15	15.00	15.00
Flood irrg.- rice	ac in			1.00	Jul				15.65	0.100	0.72	10.0000			16.37
Cstm ap air fungicid	acre			0.30	Aug							0.3000	4.50	1.35	1.35
Foliar Fungicide	oz											3.6900	2.00	7.38	7.38
Flood irrg.- rice	ac in			1.00	Aug			9.39		0.060	0.43	6.0000			9.82
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02				41.75
Grain buggy	500 bu	MFWD190	0.248	0.25	Sep	1.45	1.18	0.16	0.30	0.083	0.60				3.72
Custom haul rice	bu			1.00	Sep							140.0000	0.12	16.80	16.80
Custom dry rice	bu			1.00	Sep							140.0000	0.30	42.00	42.00
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36				1.93
TOTALS						19.14	15.49	52.74	48.89	1.964	14.25			255.89	406.44
INTEREST ON OPERATING CAPITAL															6.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															412.92

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 named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2005 Costs of Production Rice, Clay Soils, Eastern Arkansas

AG-849-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM	
		dollars		dollars		
DIRECT EXPENSES						
CROP SEED						
Rice seed	bu	7.43	2.7500	20.43	_____	
CUSTOM WORK						
Cstm ap grd herbicid	acre	4.00	1.0000	4.00	_____	
Cstm laser survey	acre	2.50	1.0000	2.50	_____	
Cstm ap air fert	lb	0.05	300.0000	15.00	_____	
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____	
Cstm levee spray	acre	1.75	1.0000	1.75	_____	
Cstm ap air fert	acre	4.50	1.0000	4.50	_____	
Cstm ap air fungicid	acre	4.50	0.3000	1.35	_____	
Custom haul rice	bu	0.12	140.0000	16.80	_____	
Custom dry rice	bu	0.30	140.0000	42.00	_____	
FERTILIZER & LIME						
Urea 46%	lb	0.15	400.0000	60.00	_____	
FUNGICIDE & SEED TR.						
Release	bu	1.75	2.7500	4.81	_____	
Apron XL - bu	bushel	2.80	2.7500	7.70	_____	
Vitavax (rice)	bu	2.11	2.7500	5.80	_____	
Foliar Fungicide	oz	2.00	3.6900	7.38	_____	
HERBICIDES						
Command 3ME	pint	10.39	1.5000	15.58	_____	
Propanil (Stam) 4EC	pint	2.36	6.0000	14.16	_____	
Facet	lb	47.98	0.3300	15.83	_____	
Permit	oz	14.91	1.0000	14.91	_____	
Grandstand R	pint	10.02	0.5000	5.01	_____	
MISC. IRRIGATION						
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____	
OPERATOR LABOR						
Implements	hour	7.26	0.3371	2.44	_____	
Tractors	hour	7.26	0.9961	7.23	_____	
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____	
IRRIGATION LABOR						
Flood irrg-rice,clay	hour	7.26	0.4800	3.48	_____	
DIESEL FUEL						
Tractors	gal	1.35	8.9912	12.13	_____	
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____	
Flood irrg-rice,clay	gal	1.35	32.0000	43.20	_____	
REPAIR & MAINTENANCE						
Implements	acre	2.76	1.0000	2.76	_____	
Tractors	acre	6.67	1.0000	6.67	_____	
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____	
Flood irrg-rice,clay	ac in	0.21	32.0000	6.88	_____	
INTEREST ON OP. CAP.	acre	8.77	1.0000	8.77	_____	
TOTAL DIRECT EXPENSES				-----	374.55	_____
FIXED EXPENSES						
Implements	acre	6.37	1.0000	6.37	_____	
Tractors	acre	14.98	1.0000	14.98	_____	
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____	
Flood irrg-rice,clay	acre	16.33	1.0000	16.33	_____	
TOTAL FIXED EXPENSES				-----	63.96	_____
TOTAL SPECIFIED EXPENSES				-----	438.51	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Clay Soils, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Nov	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Mar	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Land float	16'x 56'	MFWD190	0.138	2.00	Mar	6.29	5.13	0.18	0.70	0.358	2.60				14.92
Field cultivator	25.5'	MFWD190	0.054	1.00	Apr	1.23	1.00	0.20	0.42	0.070	0.50				3.37
Grain drill	20'	2WD 150	0.118	1.00	Apr	2.04	1.55	0.82	1.66	0.283	2.05				8.13
Rice seed	bu											2.5000	7.43	18.57	18.57
Release	bu											2.5000	1.75	4.37	4.37
Apron XL - bu	bushel											2.5000	2.80	7.00	7.00
Vitavax (rice)	bu											2.5000	2.11	5.27	5.27
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Command 3ME	pint											1.5000	10.39	15.58	15.58
Roller smooth 30"dia	32'	2WD 150	0.054	1.00	Apr	0.93	0.70	0.09	0.39	0.070	0.50				2.63
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	2WD 150	1.618	0.01	Apr	0.28	0.21	0.12	0.21	0.021	0.15				0.99
Levee disk	9'	2WD 170	0.196	0.30	Apr	1.14	0.86	0.10	0.22	0.076	0.55				2.89
Levee disk/w box sdr	9'	2WD 170	0.238	0.10	Apr	0.46	0.35	0.08	0.15	0.057	0.41				1.47
Rice seed	bu											0.2500	7.43	1.85	1.85
Release	bu											0.2500	1.75	0.43	0.43
Apron XL - bu	bushel											0.2500	2.80	0.70	0.70
Vitavax (rice)	bu											0.2500	2.11	0.52	0.52
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30				1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05				0.22
Cstm ap air fert	lb			1.00	May							300.0000	0.05	15.00	15.00
Urea 46%	lb											300.0000	0.15	45.00	45.00
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											6.0000	2.36	14.16	14.16
Facet	lb											0.3300	47.98	15.83	15.83
Permit	oz											1.0000	14.91	14.91	14.91
Flood irrg-rice,clay	ac in			1.00	May			9.39	16.33	0.090	0.65	6.0000			26.37
Flood irrg-rice,clay	ac in			1.00	Jun			12.52		0.120	0.87	8.0000			13.39
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
Grandstand R	pint											0.5000	10.02	5.01	5.01
Cstm ap air fert	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Urea 46%	lb											100.0000	0.15	15.00	15.00
Flood irrg-rice,clay	ac in			1.00	Jul			15.65		0.150	1.08	10.0000			16.73
Cstm ap air fungicid	acre			0.30	Aug							0.3000	4.50	1.35	1.35
Foliar Fungicide	oz											3.6900	2.00	7.38	7.38
Flood irrg-rice,clay	ac in			1.00	Aug			12.52		0.120	0.87	8.0000			13.39
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02				41.75
Grain buggy	500 bu	MFWD190	0.248	0.25	Sep	1.45	1.18	0.16	0.30	0.083	0.60				3.72
Custom haul rice	bu			1.00	Sep							140.0000	0.12	16.80	16.80
Custom dry rice	bu			1.00	Sep							140.0000	0.30	42.00	42.00
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36				1.93
TOTALS						18.81	14.98	65.29	48.97	2.229	16.18			265.47	429.73
INTEREST ON OPERATING CAPITAL															8.77
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															438.51

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Estimating 2005 Costs of Production Rice, Water Seeded, Eastern Arkansas

AG-850-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Rice seed	bu	7.43	3.0000	22.29	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
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	0.04	135.0000	6.07	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	lb	0.05	150.0000	7.50	_____
Cstm ap air fungicid	acre	4.50	0.3000	1.35	_____
Custom haul rice	bu	0.12	140.0000	16.80	_____
Custom dry rice	bu	0.30	140.0000	42.00	_____
FERTILIZER & LIME					
Urea 46%	lb	0.15	400.0000	60.00	_____
FUNGICIDE & SEED TR.					
Insect Seed Trmt	bu	5.75	3.0000	17.25	_____
Foliar Fungicide	oz	2.00	3.6900	7.38	_____
HERBICIDES					
Bolero 8EC	pint	4.69	4.0000	18.76	_____
Londax	oz	14.98	1.0000	14.98	_____
2,4-D Amine	pint	1.46	0.2000	0.29	_____
MISC. IRRIGATION					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	7.26	0.1549	1.12	_____
Tractors	hour	7.26	0.8524	6.18	_____
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	7.26	0.3600	2.61	_____
DIESEL FUEL					
Tractors	gal	1.35	8.0234	10.83	_____
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____
Flood irrg.- rice	gal	1.35	36.0000	48.60	_____
REPAIR & MAINTENANCE					
Implements	acre	1.79	1.0000	1.79	_____
Tractors	acre	6.08	1.0000	6.08	_____
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____
Flood irrg.- rice	ac in	0.21	36.0000	7.74	_____
INTEREST ON OP. CAP.	acre	7.66	1.0000	7.66	_____
TOTAL DIRECT EXPENSES				341.50	_____
FIXED EXPENSES					
Implements	acre	4.34	1.0000	4.34	_____
Tractors	acre	13.66	1.0000	13.66	_____
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____
Flood irrg.- rice	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				60.61	_____
TOTAL SPECIFIED EXPENSES				402.11	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Water Seeded, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Nov	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Mar	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Land float	16'x 56'	MFWD190	0.138	2.00	Mar	6.29	5.13	0.18	0.70	0.358	2.60				14.92
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Urea 46%	lb											250.0000	0.15	37.50	37.50
Field cultivator	25.5'	MFWD190	0.054	1.00	Apr	1.23	1.00	0.20	0.42	0.070	0.50				3.37
Roller (wheels)	20'	MFWD190	0.081	1.00	Apr	1.84	1.50	0.05	0.24	0.105	0.76				4.41
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	2WD 150	1.618	0.01	Apr	0.28	0.21	0.12	0.21	0.021	0.15				0.99
Levee disk	9'	2WD 170	0.196	0.20	Apr	0.76	0.57	0.06	0.15	0.050	0.36				1.93
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30				1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05				0.22
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Bolero 8EC	pint											4.0000	4.69	18.76	18.76
Flood irrg.- rice	ac in			1.00	May			9.39	16.33	0.060	0.43	6.0000			26.15
Cstm ap air seed	lb			1.00	May							135.0000	0.04	6.07	6.07
Rice seed	bu											3.0000	7.43	22.29	22.29
Insect Seed Trmt	bu											3.0000	5.75	17.25	17.25
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Londax	oz											1.0000	14.98	14.98	14.98
Flood irrg.- rice	ac in			1.00	May			4.69		0.030	0.21	3.0000			4.91
Flood irrg.- rice	ac in			1.00	Jun			9.39		0.060	0.43	6.0000			9.82
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.46	0.29	0.29
Cstm ap air fert	lb			1.00	Jul							150.0000	0.05	7.50	7.50
Urea 46%	lb											150.0000	0.15	22.50	22.50
Flood irrg.- rice	ac in			1.00	Jul			18.78		0.120	0.87	12.0000			19.65
Cstm ap air fungicid	acre			0.30	Aug							0.3000	4.50	1.35	1.35
Foliar Fungicide	oz											3.6900	2.00	7.38	7.38
Flood irrg.- rice	ac in			1.00	Aug			14.08		0.090	0.65	9.0000			14.73
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02				41.75
Grain buggy	500 bu	MFWD190	0.248	0.27	Sep	1.54	1.25	0.17	0.32	0.088	0.63				3.93
Custom haul rice	bu			1.00	Sep							140.0000	0.12	16.80	16.80
Custom dry rice	bu			1.00	Sep							140.0000	0.30	42.00	42.00
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36				1.93
TOTALS						16.91	13.66	70.59	46.95	1.783	12.94			233.37	394.45
INTEREST ON OPERATING CAPITAL															7.66
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															402.11

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Estimating 2005 Costs of Production Rice, Silt Loam Soils, Stale Seedbed, Eastern Arkansas

AG-851-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Rice seed	bu	7.43	2.2000	16.34	_____
CUSTOM WORK					
Cstm ap grd herbicid	acre	4.00	2.0000	8.00	_____
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air fert	lb	0.05	230.0000	11.50	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	acre	4.50	1.0000	4.50	_____
Cstm ap air fungicid	acre	4.50	0.3000	1.35	_____
Custom haul rice	bu	0.12	140.0000	16.80	_____
Custom dry rice	bu	0.30	140.0000	42.00	_____
FERTILIZER & LIME					
0-18-36	lb	0.12	200.0000	24.00	_____
Urea 46%	lb	0.15	330.0000	49.50	_____
FUNGICIDE & SEED TR.					
Vitavax (rice)	bu	2.11	2.2000	4.64	_____
Release	bu	1.75	2.2000	3.85	_____
Apron XL - bu	bushel	2.80	2.2000	6.16	_____
Foliar Fungicide	oz	2.00	3.6900	7.38	_____
HERBICIDES					
Glyphosate	pint	2.78	2.0000	5.56	_____
Command 3ME	pint	10.39	0.8000	8.31	_____
Propanil (Stam) 4EC	pint	2.36	6.0000	14.16	_____
Permit	oz	14.91	1.0000	14.91	_____
Facet	lb	47.98	0.2500	11.99	_____
2,4-D Amine	pint	1.46	0.2000	0.29	_____
MISC. IRRIGATION					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	7.26	0.3253	2.36	_____
Tractors	hour	7.26	0.9317	6.76	_____
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	7.26	0.2400	1.74	_____
DIESEL FUEL					
Tractors	gal	1.35	8.4277	11.37	_____
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____
Flood irrg.- rice	gal	1.35	24.0000	32.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.65	1.0000	2.65	_____
Tractors	acre	6.23	1.0000	6.23	_____
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____
Flood irrg.- rice	ac in	0.21	24.0000	5.16	_____
INTEREST ON OP. CAP.	acre	8.87	1.0000	8.87	_____
TOTAL DIRECT EXPENSES				358.50	_____
FIXED EXPENSES					
Implements	acre	5.94	1.0000	5.94	_____
Tractors	acre	14.00	1.0000	14.00	_____
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____
Flood irrg.- rice	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				62.54	_____
TOTAL SPECIFIED EXPENSES				421.04	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, Stale Seedbed, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	MFWD190	0.082	2.00	Nov	3.73	3.05	0.88	2.03	0.213	1.54				11.25
Land float	16'x 56'	MFWD190	0.138	2.00	Nov	6.29	5.13	0.18	0.70	0.358	2.60				14.92
Bed conditioner	20'	2WD 170	0.069	1.00	Nov	1.34	1.01	0.22	0.46	0.089	0.65				3.70
Cstm ap grd herbicid	acre			1.00	Mar							1.0000	4.00	4.00	4.00
Glyphosate	pint											2.0000	2.78	5.56	5.56
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.12	24.00	24.00
Grain drill	20'	2WD 150	0.118	1.00	Apr	2.04	1.55	0.82	1.66	0.283	2.05				8.13
Rice seed	bu											2.0000	7.43	14.86	14.86
Vitavax (rice)	bu											2.0000	2.11	4.22	4.22
Release	bu											2.0000	1.75	3.50	3.50
Apron XL -	bu bushel											2.0000	2.80	5.60	5.60
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Command 3ME	pint											0.8000	10.39	8.31	8.31
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	2WD 150	1.618	0.01	Apr	0.28	0.21	0.12	0.21	0.021	0.15				0.99
Levee disk	9'	2WD 170	0.196	0.20	Apr	0.76	0.57	0.06	0.15	0.050	0.36				1.93
Levee disk/w box sdr	9'	2WD 170	0.238	0.10	Apr	0.46	0.35	0.08	0.15	0.057	0.41				1.47
Rice seed	bu											0.2000	7.43	1.48	1.48
Vitavax (rice)	bu											0.2000	2.11	0.42	0.42
Release	bu											0.2000	1.75	0.35	0.35
Apron XL -	bu bushel											0.2000	2.80	0.56	0.56
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30				1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05				0.22
Cstm ap air fert	lb			1.00	May							230.0000	0.05	11.50	11.50
Urea 46%	lb											230.0000	0.15	34.50	34.50
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											6.0000	2.36	14.16	14.16
Permit	oz											1.0000	14.91	14.91	14.91
Facet	lb											0.2500	47.98	11.99	11.99
Flood irrg.- rice	ac in			1.00	May			4.69	16.33	0.030	0.21	3.0000			21.24
Flood irrg.- rice	ac in			1.00	Jun			7.82		0.050	0.36	5.0000			8.18
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.46	0.29	0.29
Cstm ap air fert	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Urea 46%	lb											100.0000	0.15	15.00	15.00
Flood irrg.- rice	ac in			1.00	Jul			15.65		0.100	0.72	10.0000			16.37
Cstm ap air fungicid	acre			0.30	Aug							0.3000	4.50	1.35	1.35
Foliar Fungicide	oz											3.6900	2.00	7.38	7.38
Flood irrg.- rice	ac in			1.00	Aug			9.39		0.060	0.43	6.0000			9.82
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02				41.75
Grain buggy	500 bu	MFWD190	0.248	0.25	Sep	1.45	1.18	0.16	0.30	0.083	0.60				3.72
Custom haul rice	bu			1.00	Sep							140.0000	0.12	16.80	16.80
Custom dry rice	bu			1.00	Sep							140.0000	0.30	42.00	42.00
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36				1.93
TOTALS						17.61	14.00	52.67	48.54	1.913	13.89			265.45	412.17
INTEREST ON OPERATING CAPITAL															8.87
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															421.04

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Estimating 2005 Costs of Production Rice, Silt Loam Soils, No-till, Eastern Arkansas

AG-852-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Rice seed	bu	7.43	2.4200	17.98	_____
CUSTOM WORK					
Cstm ap grd herbicid	acre	4.00	3.0000	12.00	_____
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air fert	lb	0.05	230.0000	11.50	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	acre	4.50	1.0000	4.50	_____
Cstm ap air fungicid	acre	4.50	0.3000	1.35	_____
Custom haul rice	bu	0.12	140.0000	16.80	_____
Custom dry rice	bu	0.30	140.0000	42.00	_____
FERTILIZER & LIME					
0-18-36	lb	0.12	200.0000	24.00	_____
Urea 46%	lb	0.15	330.0000	49.50	_____
FUNGICIDE & SEED TR.					
Vitavax (rice)	bu	2.11	2.4200	5.10	_____
Release	bul	1.75	2.2000	3.85	_____
Apron XL - bu	bushel	2.80	2.4200	6.77	_____
Release	bu	1.75	0.2200	0.38	_____
Foliar Fungicide	oz	2.00	3.6900	7.38	_____
HERBICIDES					
Glyphosate	pint	2.78	4.0000	11.12	_____
Command 3ME	pint	10.39	0.8000	8.31	_____
Propanil (Stam) 4EC	pint	2.36	6.0000	14.16	_____
Permit	oz	14.91	1.0000	14.91	_____
Facet	lb	47.98	0.2500	11.99	_____
2,4-D Amine	pint	1.46	0.2000	0.29	_____
MISC. IRRIGATION					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	7.26	0.2235	1.62	_____
Tractors	hour	7.26	0.3718	2.69	_____
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	7.26	0.2400	1.74	_____
DIESEL FUEL					
Tractors	gal	1.35	3.3006	4.45	_____
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____
Flood irrg.- rice	gal	1.35	24.0000	32.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.83	1.0000	2.83	_____
Tractors	acre	2.42	1.0000	2.42	_____
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____
Flood irrg.- rice	ac in	0.21	24.0000	5.16	_____
INTEREST ON OP. CAP.	acre	8.36	1.0000	8.36	_____
TOTAL DIRECT EXPENSES				355.30	_____
FIXED EXPENSES					
Implements	acre	5.73	1.0000	5.73	_____
Tractors	acre	5.44	1.0000	5.44	_____
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____
Flood irrg.- rice	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				53.78	_____
TOTAL SPECIFIED EXPENSES				409.08	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Silt Loam Soils, No-till, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE 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	4.00	4.00	4.00
Glyphosate	pint											2.0000	2.78	5.56	5.56
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.12	24.00	24.00
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Glyphosate	pint											2.0000	2.78	5.56	5.56
Grain drill, no-till	20'	MFWD190	0.118	1.00	Apr	2.68	2.19	2.30	4.66	0.283	2.05				13.90
Rice seed	bu											2.2000	7.43	16.34	16.34
Vitavax (rice)	bu											2.2000	2.11	4.64	4.64
Release	bul											2.2000	1.75	3.85	3.85
Apron XL - bu	bushel											2.2000	2.80	6.16	6.16
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Command 3ME	pint											0.8000	10.39	8.31	8.31
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	2WD 150	1.618	0.01	Apr	0.28	0.21	0.12	0.21	0.021	0.15				0.99
Levee disk	9'	2WD 170	0.196	0.20	Apr	0.76	0.57	0.06	0.15	0.050	0.36				1.93
Levee disk/w box sdr	9'	MFWD 170	0.238	0.10	Apr	0.46	0.35	0.08	0.15	0.057	0.41				1.47
Rice seed	bu											0.2200	7.43	1.63	1.63
Vitavax (rice)	bu											0.2200	2.11	0.46	0.46
Release	bu											0.2200	1.75	0.38	0.38
Apron XL - bu	bushel											0.2200	2.80	0.61	0.61
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30				1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05				0.22
Cstm ap air fert	lb			1.00	May							230.0000	0.05	11.50	11.50
Urea 46%	lb											230.0000	0.15	34.50	34.50
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Propanil (Stam) 4EC	pint											6.0000	2.36	14.16	14.16
Permit	oz											1.0000	14.91	14.91	14.91
Facet	lb											0.2500	47.98	11.99	11.99
Flood irrg.- rice	ac in			1.00	May			4.69	16.33	0.030	0.21	3.0000			21.24
Flood irrg.- rice	ac in			1.00	Jun			7.82		0.050	0.36	5.0000			8.18
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.46	0.29	0.29
Cstm ap air fert	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Urea 46%	lb											100.0000	0.15	15.00	15.00
Flood irrg.- rice	ac in			1.00	Jul			15.65		0.100	0.72	10.0000			16.37
Cstm ap air fungicid	acre			0.30	Aug							0.3000	4.50	1.35	1.35
Foliar Fungicide	oz											3.6900	2.00	7.38	7.38
Flood irrg.- rice	ac in			1.00	Aug			9.39		0.060	0.43	6.0000			9.82
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02				41.75
Grain buggy	500 bu	MFWD190	0.248	0.25	Sep	1.45	1.18	0.16	0.30	0.083	0.60				3.72
Custom haul rice	bu			1.00	Sep							140.0000	0.12	16.80	16.80
Custom dry rice	bu			1.00	Sep							140.0000	0.30	42.00	42.00
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36				1.93
TOTALS						6.88	5.44	52.85	48.33	1.251	9.08			278.11	400.72
INTEREST ON OPERATING CAPITAL															8.36
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															409.08

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Estimating 2005 Costs of Production Rice, Clearfield, Silt Loam Soils, Eastern Arkansas

AG-853-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Clearfield Rice	bushel	19.98	2.2000	43.95	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	1.0000	4.00	_____
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	200.0000	10.00	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	acre	4.50	1.0000	4.50	_____
Cstm ap air fungicid	acre	4.50	1.0000	4.50	_____
Custom haul rice	bu	0.12	140.0000	16.80	_____
Custom dry rice	bu	0.30	140.0000	42.00	_____
FERTILIZER & LIME					
0-18-36	lb	0.12	200.0000	24.00	_____
Urea 46%	lb	0.15	300.0000	45.00	_____
FUNGICIDE & SEED TR.					
Vitavax (rice)	bu	2.11	2.2000	4.64	_____
Apron XL - bu	bushel	2.80	2.2000	6.16	_____
Release	bu	1.75	2.2000	3.85	_____
Stratego	pint	17.13	1.0000	17.13	_____
HERBICIDES					
Command 3ME	pint	10.39	0.8000	8.31	_____
Newpath	oz	3.81	8.0000	30.48	_____
Blazer	pint	8.93	0.5000	4.46	_____
2,4-D Amine	pint	1.46	0.2000	0.29	_____
MISC. IRRIGATION					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	7.26	0.3331	2.41	_____
Tractors	hour	7.26	0.9746	7.07	_____
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	7.26	0.2400	1.74	_____
DIESEL FUEL					
Tractors	gal	1.35	9.0688	12.24	_____
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____
Flood irrg.- rice	gal	1.35	24.0000	32.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.72	1.0000	2.72	_____
Tractors	acre	6.90	1.0000	6.90	_____
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____
Flood irrg.- rice	ac in	0.21	24.0000	5.16	_____
INTEREST ON OP. CAP.	acre	7.21	1.0000	7.21	_____
TOTAL DIRECT EXPENSES				382.15	_____
FIXED EXPENSES					
Implements	acre	6.29	1.0000	6.29	_____
Tractors	acre	15.49	1.0000	15.49	_____
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____
Flood irrg.- rice	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				64.39	_____
TOTAL SPECIFIED EXPENSES				446.54	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Clearfield, Silt Loam Soils, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Nov	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Mar	1.86	1.52	0.44	1.01	0.106	0.77				5.62
Land float	16'x 56'	MFWD190	0.138	2.00	Mar	6.29	5.13	0.18	0.70	0.358	2.60				14.92
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.12	24.00	24.00
Field cultivator	25.5'	MFWD190	0.054	1.00	Apr	1.23	1.00	0.20	0.42	0.070	0.50				3.37
Grain drill	20'	MFWD190	0.118	1.00	Apr	2.68	2.19	0.82	1.66	0.283	2.05				9.42
Clearfield Rice	bushel											2.0000	19.98	39.96	39.96
Vitavax (rice)	bu											2.0000	2.11	4.22	4.22
Apron XL - bu	bushel											2.0000	2.80	5.60	5.60
Release	bu											2.0000	1.75	3.50	3.50
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00	4.00
Command 3ME	pint											0.8000	10.39	8.31	8.31
Roller smooth 30"dia	32'	MFWD 150	0.054	1.00	Apr	0.98	0.82	0.09	0.39	0.070	0.50				2.80
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50	2.50
Ditcher, rear mount	3'	MFWD 150	1.618	0.01	Apr	0.29	0.24	0.12	0.21	0.021	0.15				1.04
Levee disk	9'	2WD 170	0.196	0.20	Apr	0.76	0.57	0.06	0.15	0.050	0.36				1.93
Levee disk/w box sdr	9'	2WD 170	0.238	0.10	Apr	0.46	0.35	0.08	0.15	0.057	0.41				1.47
Clearfield Rice	bushel											0.2000	19.98	3.99	3.99
Vitavax (rice)	bu											0.2000	2.11	0.42	0.42
Apron XL - bu	bushel											0.2000	2.80	0.56	0.56
Release	bu											0.2000	1.75	0.35	0.35
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30				1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45	1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05				0.22
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Newpath	oz											4.0000	3.81	15.24	15.24
Cstm ap air fert	lb			1.00	May							200.0000	0.05	10.00	10.00
Urea 46%	lb											200.0000	0.15	30.00	30.00
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Blazer	pint											0.5000	8.93	4.46	4.46
Newpath	oz											4.0000	3.81	15.24	15.24
Flood irrg.- rice	ac in			1.00	May			4.69	16.33	0.030	0.21	3.0000			21.24
Flood irrg.- rice	ac in			1.00	Jun			7.82		0.050	0.36	5.0000			8.18
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75	1.75
2,4-D Amine	pint											0.2000	1.46	0.29	0.29
Cstm ap air fert	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Urea 46%	lb											100.0000	0.15	15.00	15.00
Flood irrg.- rice	ac in			1.00	Jul			15.65		0.100	0.72	10.0000			16.37
Cstm ap air fungicid	acre			1.00	Aug							1.0000	4.50	4.50	4.50
Stratego	pint											1.0000	17.13	17.13	17.13
Flood irrg.- rice	ac in			1.00	Aug			9.39		0.060	0.43	6.0000			9.82
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02				41.75
Grain buggy	500 bu	MFWD190	0.248	0.25	Sep	1.45	1.18	0.16	0.30	0.083	0.60				3.72
Custom haul rice	bu			1.00	Sep							140.0000	0.12	16.80	16.80
Custom dry rice	bu			1.00	Sep							140.0000	0.30	42.00	42.00
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36				1.93
TOTALS						19.14	15.49	52.74	48.89	1.964	14.25			288.78	439.33
INTEREST ON OPERATING CAPITAL															7.21
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															446.54

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Estimating 2005 Costs of Production Rice, Hybrid, Silt Loam Soils, Eastern Arkansas

AG-854-12-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Hybrid Rice	bushel	105.43	0.8580	90.45	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	1.0000	4.00	_____
Cstm laser survey	acre	2.50	1.0000	2.50	_____
Cstm ap air fert	lb	0.05	200.0000	10.00	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm levee spray	acre	1.75	1.0000	1.75	_____
Cstm ap air fert	acre	4.50	1.0000	4.50	_____
Custom haul rice	bu	0.12	145.0000	17.40	_____
Custom dry rice	bu	0.30	145.0000	43.50	_____
FERTILIZER & LIME					
0-18-36	lb	0.12	200.0000	24.00	_____
Urea 46%	lb	0.15	265.0000	39.75	_____
HERBICIDES					
Command 3ME	pint	10.39	0.8000	8.31	_____
Propanil (Stam) 4EC	pint	2.36	6.0000	14.16	_____
Permit	oz	14.91	1.0000	14.91	_____
Facet	lb	47.98	0.2500	11.99	_____
2,4-D Amine	pint	1.46	0.2000	0.29	_____
MISC. IRRIGATION					
Levee gates(plastic)	acre	1.45	1.0000	1.45	_____
OPERATOR LABOR					
Implements	hour	7.26	0.3331	2.41	_____
Tractors	hour	7.26	0.9746	7.07	_____
Self-Propelled Eq.	hour	7.26	0.4162	3.02	_____
IRRIGATION LABOR					
Flood irrg.- rice	hour	7.26	0.2400	1.74	_____
DIESEL FUEL					
Tractors	gal	1.35	9.0688	12.24	_____
Self-Propelled Eq.	gal	1.35	3.4299	4.63	_____
Flood irrg.- rice	gal	1.35	24.0000	32.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.72	1.0000	2.72	_____
Tractors	acre	6.90	1.0000	6.90	_____
Self-Propelled Eq.	acre	7.82	1.0000	7.82	_____
Flood irrg.- rice	ac in	0.21	24.0000	5.16	_____
INTEREST ON OP. CAP.	acre	7.83	1.0000	7.83	_____
TOTAL DIRECT EXPENSES				391.45	_____
FIXED EXPENSES					
Implements	acre	6.29	1.0000	6.29	_____
Tractors	acre	15.49	1.0000	15.49	_____
Self-Propelled Eq.	acre	26.27	1.0000	26.27	_____
Flood irrg.- rice	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				64.39	_____
TOTAL SPECIFIED EXPENSES				455.85	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Rice, Hybrid, Silt Loam Soils, Eastern Arkansas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC	LABOR	OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Nov	1.86	1.52	0.44	1.01	0.106	0.77					5.62
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Mar	1.86	1.52	0.44	1.01	0.106	0.77					5.62
Land float	16'x 56'	MFWD190	0.138	2.00	Mar	6.29	5.13	0.18	0.70	0.358	2.60					14.92
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00		4.00
0-18-36	lb											200.0000	0.12	24.00		24.00
Field cultivator	25.5'	MFWD190	0.054	1.00	Apr	1.23	1.00	0.20	0.42	0.070	0.50					3.37
Grain drill	20'	MFWD190	0.118	1.00	Apr	2.68	2.19	0.82	1.66	0.283	2.05					9.42
Hybrid Rice	bushel											0.7800	105.43	82.23		82.23
Cstm ap grd herbicid	acre			1.00	Apr							1.0000	4.00	4.00		4.00
Command 3ME	pint											0.8000	10.39	8.31		8.31
Roller smooth 30"dia	32'	MFWD 150	0.054	1.00	Apr	0.98	0.82	0.09	0.39	0.070	0.50					2.80
Cstm laser survey	acre			1.00	Apr							1.0000	2.50	2.50		2.50
Ditcher, rear mount	3'	MFWD 150	1.618	0.01	Apr	0.29	0.24	0.12	0.21	0.021	0.15					1.04
Levee disk	9'	2WD 170	0.196	0.20	Apr	0.76	0.57	0.06	0.15	0.050	0.36					1.93
Levee disk/w box sdr	9'	2WD 170	0.238	0.10	Apr	0.46	0.35	0.08	0.15	0.057	0.41					1.47
Hybrid Rice	bushel											0.0780	105.43	8.22		8.22
Blade, rear mount	8'	2WD 105	0.645	0.05	May	0.39	0.29	0.01	0.05	0.041	0.30					1.05
Levee gates(plastic)	acre			1.00	May							1.0000	1.45	1.45		1.45
Back hoe, rear mount	18'	2WD 105	0.108	0.05	May	0.06	0.04	0.01	0.04	0.007	0.05					0.22
Cstm ap air fert	lb			1.00	May							200.0000	0.05	10.00		10.00
Urea 46%	lb											200.0000	0.15	30.00		30.00
Cstm ap air herbicid	acre			1.00	May							1.0000	4.50	4.50		4.50
Propanil (Stam) 4EC	pint											6.0000	2.36	14.16		14.16
Permit	oz											1.0000	14.91	14.91		14.91
Facet	lb											0.2500	47.98	11.99		11.99
Flood irrg.- rice	ac in			1.00	May			4.69	16.33	0.030	0.21	3.0000				21.24
Flood irrg.- rice	ac in			1.00	Jun			7.82		0.050	0.36	5.0000				8.18
Cstm levee spray	acre			1.00	Jul							1.0000	1.75	1.75		1.75
2,4-D Amine	pint											0.2000	1.46	0.29		0.29
Flood irrg.- rice	ac in			1.00	Jul			15.65		0.100	0.72	10.0000				16.37
Cstm ap air fert	acre			1.00	Aug							1.0000	4.50	4.50		4.50
Urea 46%	lb											65.0000	0.15	9.75		9.75
Flood irrg.- rice	ac in			1.00	Aug			9.39		0.060	0.43	6.0000				9.82
Combine 4WD Rice	25'		0.333	1.00	Sep			12.45	26.27	0.416	3.02					41.75
Grain buggy	500 bu	MFWD190	0.248	0.25	Sep	1.45	1.18	0.16	0.30	0.083	0.60					3.72
Custom haul rice	bu			1.00	Sep							145.0000	0.12	17.40		17.40
Custom dry rice	bu			1.00	Sep							145.0000	0.30	43.50		43.50
Levee disk-knock dwn	9'	2WD 170	0.196	0.20	Oct	0.76	0.57	0.06	0.15	0.050	0.36					1.93
TOTALS						19.14	15.49	52.74	48.89	1.964	14.25			297.47		448.02
INTEREST ON OPERATING CAPITAL																7.83
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																455.85

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