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**2006  
Projected  
Commodity  
Costs  
And  
Returns**

**Crawfish and Catfish  
Production in Louisiana**

**Robert W. Boucher and Jeffrey M. Gillespie**



**Farm Management Research & Extension  
Department of Agricultural Economics & Agribusiness  
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**PROJECTED COSTS AND RETURNS FOR CRAWFISH  
AND CATFISH PRODUCTION  
IN LOUISIANA, 2006**

by

**Robert W. Boucher and Jeffrey M. Gillespie**



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# PROJECTED COSTS AND RETURNS FOR CRAWFISH AND CATFISH PRODUCTION IN LOUISIANA, 2006

by

Robert W. Boucher and Jeffrey M. Gillespie<sup>1</sup>

## INTRODUCTION

Aquaculture production enterprises, like other farm enterprises, require advanced planning to make production and decisions that are likely to result in profit. The purpose of this report is to provide production cost estimates for selected aquaculture enterprises to assist producers in making decisions and obtaining adequate financing. Aquaculture enterprises and their associated costs differ considerably among producers and resource situations. The projected costs presented here should not be interpreted as averages for producers in the industry. The purpose of the cost projections is to provide guidelines whereby producers and others with an interest in aquaculture production costs can make cost estimates appropriate to their unique situations.

Data used in development of the budgets is a combination of information obtained directly from producers, Louisiana Cooperative Extension Service Specialists and Louisiana Agricultural Experiment Station Scientists. Current machinery and other input price data were combined with production practice data using the Microcomputer Enterprise Budget Generator developed at Mississippi State University. Fixed costs were estimated based on typical rates of use and sizes of operations. Production budget estimates are presented on a 'per acre' basis to facilitate using the estimates for different sized operations. Overhead costs associated with operation of the farm business have been allocated as a residual claimant on a per acre basis in the enterprise budgets, but have not been included in the computation of breakeven selling prices.

## CRAWFISH BUDGETS

Crawfish budgets are presented for three production-marketing situations. They are based primarily on a 1990 survey of 39 commercial crawfish producers with supplemental information provided by researchers and Cooperative Extension Service personnel. The personal interview survey collected information on production, harvesting, and marketing practices.

Budgets are presented for three owner-operator situations without aeration that typify producers included in the survey: 1) Northeast Louisiana single crop ponds (Table 5), 2) Southwest Louisiana single crop ponds (Table 6), and 3) Southwest Louisiana rice-crawfish double crop in a fallow rotation (Table 7). Fixed costs for non-aerated systems are based on a 120-acre production unit consisting of six 20-acre ponds configured in two 60-acre units.

Harvesting is assumed to be performed by one person using a power boat with 20 traps per acre. In Southwest Louisiana, harvesting is assumed to occur every other day during December through February and daily during March through May. In Northeast Louisiana, harvesting is assumed to occur daily from March 1 to May 15 to accommodate retail marketing.

Appendix table 1 presents a summary of projected costs based on reduced fishing days for the three situations discussed. This table provides the direct, fixed, and total costs for the base situation and for 10%, 20%, and 30% reductions in fishing days. Though lower costs for the

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reduced fishing days do not result in a proportional percentage drop in costs, recent studies have shown that, with the use of pyramid traps, 30% fewer fishing days does not reduce the yield significantly.

Seasonal yield distributions reflect those reported by surveyed producers. Total season yields are not absolute sample averages, but reflect typical yields reported by respondents. No crawfish returns are included since there are no publicly published sources of crawfish prices. Marketing costs included in the budgets assume that the product is sold to processors and wholesalers in Southwest Louisiana and is sold retail in Northeast Louisiana.

## CATFISH BUDGETS

Catfish production cost projections are presented for four situations to provide comparisons for tenure and fuel source. The four situations presented include: 1) owner-operator, electric power (Table 8), 2) owner-operator, diesel power (Table 9), 3) tenant-operator, electric power (Table 10), and 4) tenant-operator, diesel power (Table 11). Fixed costs are based on 10 acre pond sizes on a 60-acre production unit for all situations, (six 10-acre ponds). Budget information is presented on a per water-acre basis to facilitate comparisons among pond and production unit sizes. Overhead costs in the budgets are based on 1.2 acres of land associated with each water-acre of pond area.

Production practices are based on information obtained from discussions with producers, extension specialists and researchers. Custom harvesting and custom stocking are assumed in all situations. Monthly feed requirements are based on a series of simulations using the GROWCAT simulation model, accounting for temperature, mortality and fish growth rates.

## SUMMARY

Table 1 presents a summary comparison of projected costs and yields per acre for the three crawfish production situations. Breakeven selling prices required to recover costs are presented in Table 2 for five alternative yield levels for each crawfish situation. Costs and returns for the four catfish production situations are summarized and compared in Table 3. Breakeven selling prices required to recover direct cash expenditures and total specified production costs are presented in Table 4 for each of the four production situations and four alternative yield levels.

Tables with an "A" designation provide estimated cost budgets, whereas tables with a "B" designation show costs for detailed operations.

Table 1. A Summary of Projected Costs and Returns per Acre for Crawfish and Crawfish-Rice Production in Louisiana, 2006.

Crop Description	Yield Per Acre	Direct Expenses	Fixed Expenses	Total Expenses
	Pounds	----- Dollars per Acre -----		
<b>Crawfish Enterprises:</b>				
Northeast Louisiana				
Non-aerated, Owner b	600.00	306.08	158.72	464.80
Southwest Louisiana				
Non-aerated, Owner b	1200.00	514.43	167.60	682.03
Crawfish-Rice, Owner a b	700+5700	1006.00	194.94	1200.94

a Income for rice was calculated by multiplying the market price of \$7.50 by actual yield.

b Land costs are not included.

c Yield includes 700 lbs of crawfish and 57 cwt of rice.

Table 2. Breakeven Selling Prices for Crawfish for Selected Yield Levels, Louisiana, 2006.

	Total Costs a	Total Variable Costs	Base Yield Level	Yield Level				
				-20	-10	Base	10	20
	--Dollar/Acre---		lb.	----- Dollars/Lb.-----				
<b>PRICES REQUIRED TO RECOVER TOTAL SPECIFIED COSTS</b>								
<b>Crawfish Enterprises:</b>								
Northeast Louisiana								
Non-aerated, Owner	464.80		600	0.97	0.86	0.77	0.70	0.65
Southwest Louisiana								
Non-aerated, Owner	682.03		1200	0.71	0.63	0.57	0.52	0.47
Crawfish-Rice, Owner b	597.59		700	1.07	0.95	0.85	0.78	0.71
<b>PRICES REQUIRED TO RECOVER VARIABLE COSTS</b>								
<b>Crawfish Enterprises:</b>								
Northeast Louisiana								
Non-aerated, Owner		306.08	600	0.64	0.57	0.51	0.46	0.43
Southwest Louisiana								
Non-aerated, Owner		514.43	1200	0.54	0.48	0.43	0.39	0.36
Crawfish-Rice, Owner b		494.04	700	0.88	0.78	0.71	0.64	0.59

a Land costs are not included.

b Breakeven Selling Prices for Crawfish double cropped with rice represents the net cost of producing crawfish in the double crop situation compared to producing rice alone.

Table 3. Summary of Projected Costs and Returns per Acre for Catfish Production, Louisiana, 2006.

Crop Description	Yield Per Acre	Total Income	Direct Expenses	Returns			Returns Over Total Expenses
				Over Direct Expenses	Fixed Expenses	Total Expenses	
	Cwt.	-----	Dollars per Acre			-----	
Catfish Enterprises:							
Six 10 acre ponds, Elec Pwr, Owner a	52.80	3696.00	2832.93	863.07	400.46	3233.39	462.61
Six 10 acre ponds, Diesel Pwr, Owner a	52.80	3696.00	2987.53	708.47	422.75	3410.28	285.72
Six 10 acre ponds, Elec Pwr, Tenant b	52.80	3696.00	3048.21	647.79	149.75	3197.96	498.04
Six 10 acre ponds, Diesel Pwr, Tenant b	52.80	3696.00	3199.54	496.46	149.75	3349.29	346.71

a Land costs are not included for owner-operator.

b Rental arrangements consist of a yearly fee of \$200 per acre. This arrangement specifies that the landlord provides most fixed equipment items.

Table 4. Breakeven Selling Prices for Catfish for Selected Yield Levels, Louisiana, 2006.

	Total Costs	Total Variable Costs	Base Yield Level	Yield Level				
				-20	-10	Base	10	20
	---Dollar/Acre---	cwt.		----- Dollars/Cwt. -----				
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED COSTS								
Six 10 acre ponds, Elec Pwr, Owner a	3233.39		52.8	76.55	68.04	61.24	55.67	51.03
Six 10 acre ponds, Diesel Pwr, Owner a	3410.28		52.8	80.73	71.76	64.59	58.72	53.82
Six 10 acre ponds, Elec Pwr, Tenant b	3197.96		52.8	75.71	67.30	60.57	55.06	50.47
Six 10 acre ponds, Diesel Pwr, Tenant b	3349.29		52.8	79.29	70.48	63.43	57.67	52.86
PRICES REQUIRED TO RECOVER VARIABLE COSTS								
Six 10 acre ponds, Elec Pwr, Owner a		2832.93	52.8	67.07	59.62	53.65	48.78	44.71
Six 10 acre ponds, Diesel Pwr, Owner a		2987.53	52.8	70.73	62.87	56.58	51.44	47.15
Six 10 acre ponds, Elec Pwr, Tenant b		3048.21	52.8	72.16	64.15	57.73	52.48	48.11
Six 10 acre ponds, Diesel Pwr, Tenant b		3199.54	52.8	75.75	67.33	60.60	55.09	50.50

a Land costs are not included for owner-operator.

b Rental arrangements consist of a yearly fee of \$250 per acre. This arrangement specifies that the landlord provides most fixed equipment items.



Table 5.A Estimated Costs and Returns per Acre, Single Crop Crawfish, Owner-Operator, North Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Crawfish (March)	lbs		60.0000		_____
Crawfish (April)	lbs		210.0000		_____
Crawfish (May)	lbs		240.0000		_____
Crawfish (June)	lbs		90.0000		_____
				-----	
<b>TOTAL INCOME</b>					_____
<b>DIRECT EXPENSES</b>					
<b>BAIT</b>					
Manuf. crawfish bait	lbs	0.18	330.0000	59.40	_____
<b>FERTILIZER</b>					
Nitrogen	lbs	0.40	51.0000	20.40	_____
Phosphate	lbs	0.30	51.0000	15.30	_____
Potash	lbs	0.21	51.0000	10.71	_____
<b>HIRED LABOR</b>					
Irrigation labor	hour	9.60	1.5000	14.40	_____
<b>OTHER</b>					
Hip boots	pair	74.95	0.0083	0.62	_____
Sacks	each	0.40	15.0260	6.01	_____
<b>SEED</b>					
Rice seed	lbs	0.21	100.0000	21.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	9.60	0.5033	4.83	_____
Self-Propelled Eq.	hour	9.60	7.2600	69.69	_____
<b>IRRIGATION LABOR</b>					
Crawf irrig north LA	hour	9.60	0.2400	2.30	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	2.7909	6.14	_____
Crawf irrig north LA	gal	2.20	16.0320	35.27	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	2.40	1.9800	4.75	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements		2.47	1.0000	2.47	_____
Tractors		0.84	1.0000	0.84	_____
Self-Propelled Eq.		1.58	1.0000	1.58	_____
Crawf irrig north LA	acin	0.35	24.0000	8.54	_____
Crawf pond&eq north	acre	11.58	1.0000	11.58	_____
INTEREST ON OP. CAP.		10.19	1.0000	10.19	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				306.08	_____
<b>FIXED EXPENSES</b>					
Implements		5.45	1.0000	5.45	_____
Tractors		5.60	1.0000	5.60	_____
Self-Propelled Eq.		5.19	1.0000	5.19	_____
Crawf irrig north LA		16.68	1.0000	16.68	_____
Crawf pond&eq north		125.78	1.0000	125.78	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				158.72	_____
				-----	
<b>TOTAL SPECIFIED EXPENSES</b>				464.80	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead	acre	85.43	1.0000	85.43	_____
Land ( oppor. cost )	acre	45.00	1.0000	45.00	_____

Table 6.A Estimated Costs and Returns per Acre, Single Crop Crawfish, Owner-Operator, Southwest Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Crawfish (December)	lbs		60.0000		_____
Crawfish (January)	lbs		120.0000		_____
Crawfish (February)	lbs		180.0000		_____
Crawfish (March)	lbs		240.0000		_____
Crawfish (April)	lbs		360.0000		_____
Crawfish (May)	lbs		240.0000		_____
				-----	
TOTAL INCOME					_____
DIRECT EXPENSES					
CUSTOM					
Airplane seed	cwt	5.60	1.4000	7.84	_____
Airplane fert	cwt	5.00	0.7500	3.75	_____
BAIT					
Crawfish bait (fish)	lbs	0.33	225.0000	74.25	_____
Manuf. crawfish bait	lbs	0.18	245.0000	44.10	_____
FERTILIZER					
Urea (45%)	lbs	0.17	75.0000	12.75	_____
HIRED LABOR					
Irrigation labor	hour	9.60	1.8500	17.76	_____
OTHER					
Hip boots	pair	74.95	0.0083	0.62	_____
Sacks	each	0.40	29.1220	11.64	_____
SEED					
Rice seed	lbs	0.21	140.0000	29.40	_____
OPERATOR LABOR					
Tractors	hour	9.60	0.3491	3.35	_____
Self-Propelled Eq.	hour	9.60	8.1580	78.31	_____
IRRIGATION LABOR					
Crawf irrig single	hour	9.60	0.3960	3.80	_____
DIESEL FUEL					
Tractors	gal	2.20	1.7397	3.82	_____
Self-Propelled Eq.	gal	2.20	1.0075	2.21	_____
Crawf irrig single	gal	2.20	73.4910	161.68	_____
GASOLINE					
Self-Propelled Eq.	gal	2.40	2.1150	5.07	_____
REPAIR & MAINTENANCE					
Implements		1.31	1.0000	1.31	_____
Tractors		0.52	1.0000	0.52	_____
Self-Propelled Eq.		2.82	1.0000	2.82	_____
Crawf irrig single	acin	0.52	33.0000	17.32	_____
Crawf pond&eq single	acre	7.49	1.0000	7.49	_____
INTEREST ON OP. CAP.		24.54	1.0000	24.54	_____
				-----	
TOTAL DIRECT EXPENSES				514.43	_____
FIXED EXPENSES					
Implements		3.13	1.0000	3.13	_____
Tractors		3.46	1.0000	3.46	_____
Self-Propelled Eq.		8.35	1.0000	8.35	_____
Crawf irrig single		34.59	1.0000	34.59	_____
Crawf pond&eq single		118.06	1.0000	118.06	_____
				-----	
TOTAL FIXED EXPENSES				167.60	_____
				-----	
TOTAL SPECIFIED EXPENSES				682.03	_____
ALLOCATED COST ITEMS					
Overhead	acre	85.43	1.0000	85.43	_____
Land ( oppor. cost )	acre	45.00	1.0000	45.00	_____

Table 7.A Estimated Costs and Returns per Acre, Rice-Crawfish  
 Double Crop, Owner-Operator, Southwest Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Rice	cwt	7.50	57.0000	427.50	_____
Rice Checkoff	cwt	0.08	-57.0000	-4.56	_____
Crawfish (January)	lbs		21.0000		_____
Crawfish (February)	lbs		56.0000		_____
Crawfish (March)	lbs		126.0000		_____
Crawfish (April)	lbs		210.0000		_____
Crawfish (May)	lbs		196.0000		_____
Crawfish (June)	lbs		88.0000		_____
				-----	
TOTAL INCOME				422.94	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Airplane fert	cwt	5.00	3.8000	19.00	_____
Global pos. system	acre	0.35	9.0000	3.15	_____
Airplane seed	cwt	5.60	1.2000	6.72	_____
App by air	appl	4.50	5.0000	22.50	_____
Drying rice	cwt	0.90	63.8000	57.42	_____
Haul rice	cwt	0.25	57.0000	14.25	_____
<b>BAIT</b>					
Crawfish bait (fish)	lbs	0.33	84.3750	27.84	_____
Manuf. crawfish bait	lbs	0.18	226.8750	40.83	_____
<b>FERTILIZER</b>					
Nitrogen	lbs	0.40	130.0000	52.00	_____
Phosphate	lbs	0.30	40.0000	12.00	_____
Potash	lbs	0.21	60.0000	12.60	_____
<b>FUNGICIDES</b>					
Quadris	oz	2.23	10.0000	22.30	_____
<b>HERBICIDES</b>					
Facet 75DF	lb	49.54	0.5000	24.77	_____
Londax 60DF	oz	14.95	1.0000	14.95	_____
2,4-D Amine 4	pt	1.59	2.5000	3.97	_____
<b>HIRED LABOR</b>					
Other labor	hour	9.60	0.0500	0.48	_____
Irrigation labor	hour	9.60	2.0000	19.20	_____
<b>INSECTICIDES</b>					
Karate Z	oz	3.02	4.0000	12.08	_____
<b>OTHER</b>					
Rice gate	each	2.50	1.0000	2.50	_____
Seed crawfish	lbs	1.60	60.0000	96.00	_____
Hip boots	pair	74.95	1.0000	74.95	_____
Sacks	each	0.40	31.2900	12.51	_____
<b>SEED</b>					
Rice seed	lbs	0.21	120.0000	25.20	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	9.60	1.1655	11.18	_____
Self-Propelled Eq.	hour	9.60	7.2415	69.51	_____
<b>IRRIGATION LABOR</b>					
Crawf irrig double	hour	9.60	0.2580	2.47	_____
Irrigation system 1	hour	9.60	0.3000	2.88	_____
<b>OWNER LABOR</b>					
Self-Propelled Eq.	hour	15.30	0.3300	5.04	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	12.3097	27.08	_____
Self-Propelled Eq.	gal	2.20	3.5650	7.84	_____
Crawf irrig double	gal	2.20	47.8805	105.33	_____
Irrigation system 1	gal	2.20	53.9700	118.73	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	2.40	1.8675	4.48	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements		2.77	1.0000	2.77	_____
Tractors		4.11	1.0000	4.11	_____
Self-Propelled Eq.		15.80	1.0000	15.80	_____
Crawf irrig double	acin	0.29	21.5000	6.40	_____
Crawf pond&eq double	acre	1.06	1.0000	1.06	_____
Irrigation system 1	acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.		40.26	1.0000	40.26	_____
				-----	
TOTAL DIRECT EXPENSES				1006.00	_____
<b>FIXED EXPENSES</b>					
Implements		6.35	1.0000	6.35	_____
Tractors		27.69	1.0000	27.69	_____
Self-Propelled Eq.		29.25	1.0000	29.25	_____
Crawf irrig double		34.59	1.0000	34.59	_____
Crawf pond&eq double		58.09	1.0000	58.09	_____
Irrigation system 1		38.96	1.0000	38.96	_____
				-----	
TOTAL FIXED EXPENSES				194.94	_____
				-----	
TOTAL SPECIFIED EXPENSES				1200.94	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead	acre	85.43	1.0000	85.43	_____

Table 8.A Estimated Costs and Returns per Acre, Catfish,  
Owner-Operator, 10 Acre Ponds, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	70.00	4.8000	336.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	9.5000	665.00	_____
Catfish	cwt	70.00	6.9000	483.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	11.6000	812.00	_____
				-----	
TOTAL INCOME				3696.00	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Water consultant	acre	1.75	12.0000	21.00	_____
Harv & haul catfish	cwt	5.00	52.8000	264.00	_____
Custom restk catfish	thou	25.00	5.5000	137.50	_____
<b>FEED</b>					
Catfish feed	ton	242.00	4.7260	1143.69	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring chemicals	lbs	0.60	18.0000	10.80	_____
Fall chemicals	lbs	1.90	8.8200	16.75	_____
<b>HIRED LABOR</b>					
Other labor	hour	9.60	20.2000	193.92	_____
<b>OTHER</b>					
Propane	tank	11.50	0.3000	3.45	_____
Shotgun shells	box	5.00	1.5000	7.50	_____
Fingerlings	thou	68.75	5.5000	378.12	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	9.60	1.0920	10.48	_____
Self-Propelled Eq.	hour	9.60	2.2267	21.37	_____
10Hp aerator-10	hour	9.60	7.4000	71.04	_____
Feeder truck	hour	9.60	1.0000	9.60	_____
<b>IRRIGATION LABOR</b>					
Catf irrig	hour	9.60	0.3330	3.19	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	33.3967	73.47	_____
Self-Propelled Eq.	gal	2.20	5.3750	11.82	_____
<b>ELECTRICITY</b>					
10Hp aerator-10	kWh	0.09	851.0000	76.59	_____
Catf irrig	kWh	0.09	516.9825	46.52	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	2.40	0.2790	0.66	_____
Feeder truck	gal	2.40	6.0000	14.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	2.02	1.0000	2.02	_____
Tractors	acre	7.43	1.0000	7.43	_____
Self-Propelled Eq.	acre	10.55	1.0000	10.55	_____
10Hp aerator-10	hour	0.02	74.0000	1.77	_____
Feeder truck	ton	4.06	5.0000	20.30	_____
Catf pond&equip 6x10	acre	14.84	1.0000	14.84	_____
Catf irrig	acin	0.13	33.3000	4.56	_____
INTEREST ON OP. CAP.	acre	119.88	1.0000	119.88	_____
				-----	
TOTAL DIRECT EXPENSES				2832.93	_____
RETURNS ABOVE DIRECT EXPENSES				863.06	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.96	1.0000	10.96	_____
Tractors	acre	49.04	1.0000	49.04	_____
Self-Propelled Eq.	acre	23.54	1.0000	23.54	_____
10Hp aerator-10	hour	0.44	74.0000	33.15	_____
Feeder truck	acre	52.22	1.0000	52.22	_____
Catf pond&equip 6x10	acre	205.95	1.0000	205.95	_____
Catf irrig	acre	25.59	1.0000	25.59	_____
				-----	
TOTAL FIXED EXPENSES				400.46	_____
				-----	
TOTAL SPECIFIED EXPENSES				3233.40	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				462.59	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead pond	acre	102.52	1.0000	102.52	_____
RESIDUAL RETURNS				360.07	_____

Table 9.A Estimated Costs and Returns per Acre, Catfish,  
 Owner-Operator, 10 Acre Ponds with Generator,  
 Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	70.00	4.8000	336.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	9.5000	665.00	_____
Catfish	cwt	70.00	6.9000	483.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	11.6000	812.00	_____
				-----	
<b>TOTAL INCOME</b>				<b>3696.00</b>	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Water consultant	acre	1.75	12.0000	21.00	_____
Harv & haul catfish	cwt	5.00	52.8000	264.00	_____
Custom restk catfish	thou	25.00	5.5000	137.50	_____
<b>FEED</b>					
Catfish feed	ton	242.00	4.7260	1143.69	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring chemicals	lbs	0.60	18.0000	10.80	_____
Fall chemicals	lbs	1.90	8.8200	16.75	_____
<b>HIRED LABOR</b>					
Other labor	hour	9.60	20.2000	193.92	_____
<b>OTHER</b>					
Propane	tank	11.50	0.3000	3.45	_____
Shotgun shells	box	5.00	1.5000	7.50	_____
Fingerlings	thou	68.75	5.5000	378.12	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	9.60	1.0920	10.48	_____
Self-Propelled Eq.	hour	9.60	2.2267	21.37	_____
10Hp aerator-10(d)	hour	9.60	7.4000	71.04	_____
Feeder truck	hour	9.60	1.0000	9.60	_____
<b>IRRIGATION LABOR</b>					
Catf irrig (d)	hour	9.60	0.3330	3.19	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	33.3967	73.47	_____
Self-Propelled Eq.	gal	2.20	5.3750	11.82	_____
10Hp aerator-10(d)	gal	2.20	85.1000	187.22	_____
Catf irrig (d)	gal	2.20	36.0372	79.28	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	2.40	0.2790	0.66	_____
Feeder truck	gal	2.40	6.0000	14.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	2.02	1.0000	2.02	_____
Tractors	acre	7.43	1.0000	7.43	_____
Self-Propelled Eq.	acre	10.55	1.0000	10.55	_____
10Hp aerator-10(d)	hour	0.02	74.0000	1.77	_____
Feeder truck	ton	4.06	5.0000	20.30	_____
Catf pond&equip 6x10	acre	14.84	1.0000	14.84	_____
Catf irrig (d)	acin	0.27	33.3000	9.25	_____
INTEREST ON OP. CAP.	acre	126.40	1.0000	126.40	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				<b>2987.53</b>	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				<b>708.46</b>	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.96	1.0000	10.96	_____
Tractors	acre	49.04	1.0000	49.04	_____
Self-Propelled Eq.	acre	23.54	1.0000	23.54	_____
10Hp aerator-10(d)	hour	0.44	74.0000	33.15	_____
Feeder truck	acre	52.22	1.0000	52.22	_____
Catf pond&equip 6x10	acre	205.95	1.0000	205.95	_____
Catf irrig (d)	acre	47.88	1.0000	47.88	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				<b>422.75</b>	_____
<b>TOTAL SPECIFIED EXPENSES</b>				<b>3410.29</b>	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				<b>285.70</b>	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead pond	acre	102.52	1.0000	102.52	_____
<b>RESIDUAL RETURNS</b>				<b>183.18</b>	_____

Table 10.A Estimated Costs and Returns per Acre, Catfish,  
 Tenant-Operator, 10 Acre Ponds, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	70.00	4.8000	336.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	9.5000	665.00	_____
Catfish	cwt	70.00	6.9000	483.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	11.6000	812.00	_____
				-----	
<b>TOTAL INCOME</b>				<b>3696.00</b>	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Water consultant	acre	1.75	12.0000	21.00	_____
Harv & haul catfish	cwt	5.00	52.8000	264.00	_____
Custom restk catfish	thou	25.00	5.5000	137.50	_____
<b>FEED</b>					
Catfish feed	ton	242.00	4.7260	1143.69	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring chemicals	lbs	0.60	18.0000	10.80	_____
Fall chemicals	lbs	1.90	8.8200	16.75	_____
<b>HIRED LABOR</b>					
Other labor	hour	9.60	20.2000	193.92	_____
<b>OTHER</b>					
Rent (catf electric)	acre	200.00	1.0000	200.00	_____
Propane	tank	11.50	0.3000	3.45	_____
Shotgun shells	box	5.00	1.5000	7.50	_____
Fingerlings	thou	68.75	5.5000	378.12	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	9.60	1.0920	10.48	_____
Self-Propelled Eq.	hour	9.60	2.2267	21.37	_____
Feeder truck	hour	9.60	1.0000	9.60	_____
10Hp aerator-10(r)	hour	9.60	7.4000	71.04	_____
<b>IRRIGATION LABOR</b>					
Catf irrig (r)	hour	9.60	0.3330	3.19	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	33.3967	73.47	_____
Self-Propelled Eq.	gal	2.20	5.3750	11.82	_____
<b>ELECTRICITY</b>					
Catf irrig (r)	kWh	0.09	516.9825	46.52	_____
10Hp aerator-10(r)	kWh	0.09	851.0000	76.59	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	2.40	0.2790	0.66	_____
Feeder truck	gal	2.40	6.0000	14.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	2.02	1.0000	2.02	_____
Tractors	acre	7.43	1.0000	7.43	_____
Self-Propelled Eq.	acre	10.55	1.0000	10.55	_____
Catf irrig (r)	acin	0.05	33.3000	1.96	_____
Catf pond&eq 6x10(r)	acre	14.84	1.0000	14.84	_____
Feeder truck	ton	4.06	5.0000	20.30	_____
10Hp aerator-10(r)	hour	0.02	74.0000	1.77	_____
INTEREST ON OP. CAP.	acre	137.76	1.0000	137.76	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				<b>3048.21</b>	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				<b>647.78</b>	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.96	1.0000	10.96	_____
Tractors	acre	49.04	1.0000	49.04	_____
Self-Propelled Eq.	acre	23.54	1.0000	23.54	_____
Catf pond&eq 6x10(r)	acre	13.98	1.0000	13.98	_____
Feeder truck	acre	52.22	1.0000	52.22	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				<b>149.75</b>	_____
				-----	
<b>TOTAL SPECIFIED EXPENSES</b>				<b>3197.97</b>	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				<b>498.02</b>	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead pond	acre	102.52	1.0000	102.52	_____
<b>RESIDUAL RETURNS</b>				<b>395.50</b>	_____

Table 11.A Estimated Costs and Returns per Acre, Catfish,  
 Tenant-Operator, 10 Acre Ponds with Generator,  
 Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	70.00	4.8000	336.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	9.5000	665.00	_____
Catfish	cwt	70.00	6.9000	483.00	_____
Catfish	cwt	70.00	10.0000	700.00	_____
Catfish	cwt	70.00	11.6000	812.00	_____
TOTAL INCOME				3696.00	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Water consultant	acre	1.75	12.0000	21.00	_____
Harv & haul catfish	cwt	5.00	52.8000	264.00	_____
Custom restk catfish	thou	25.00	5.5000	137.50	_____
<b>FEED</b>					
Catfish feed	ton	242.00	4.7260	1143.69	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring chemicals	lbs	0.60	18.0000	10.80	_____
Fall chemicals	lbs	1.90	8.8200	16.75	_____
<b>HIRED LABOR</b>					
Other labor	hour	9.60	20.2000	193.92	_____
<b>OTHER</b>					
Rent (catf diesel)	acre	200.00	1.0000	200.00	_____
Propane	tank	11.50	0.3000	3.45	_____
Shotgun shells	box	5.00	1.5000	7.50	_____
Fingerlings	thou	68.75	5.5000	378.12	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	9.60	1.0920	10.48	_____
Self-Propelled Eq.	hour	9.60	2.2267	21.37	_____
Feeder truck	hour	9.60	1.0000	9.60	_____
10Hp aerator-10(d,r)	hour	9.60	7.4000	71.04	_____
<b>IRRIGATION LABOR</b>					
Catf irrig (d,r)	hour	9.60	0.3330	3.19	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	33.3967	73.47	_____
Self-Propelled Eq.	gal	2.20	5.3750	11.82	_____
Catf irrig (d,r)	gal	2.20	36.0372	79.28	_____
10Hp aerator-10(d,r)	gal	2.20	85.1000	187.22	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	2.40	0.2790	0.66	_____
Feeder truck	gal	2.40	6.0000	14.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	2.02	1.0000	2.02	_____
Tractors	acre	7.43	1.0000	7.43	_____
Self-Propelled Eq.	acre	10.55	1.0000	10.55	_____
Catf pond&eq 6x10(r)	acre	14.84	1.0000	14.84	_____
Feeder truck	ton	4.06	5.0000	20.30	_____
Catf irrig (d,r)	acin	0.10	33.3000	3.52	_____
10Hp aerator-10(d,r)	hour	0.02	74.0000	1.77	_____
INTEREST ON OP. CAP.	acre	144.14	1.0000	144.14	_____
TOTAL DIRECT EXPENSES				3199.54	_____
RETURNS ABOVE DIRECT EXPENSES				496.45	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.96	1.0000	10.96	_____
Tractors	acre	49.04	1.0000	49.04	_____
Self-Propelled Eq.	acre	23.54	1.0000	23.54	_____
Catf pond&eq 6x10(r)	acre	13.98	1.0000	13.98	_____
Feeder truck	acre	52.22	1.0000	52.22	_____
TOTAL FIXED EXPENSES				149.75	_____
TOTAL SPECIFIED EXPENSES				3349.30	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				346.69	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead pond	acre	102.52	1.0000	102.52	_____
RESIDUAL RETURNS				244.17	_____

Table 5.B Estimated Resource Use and Costs for Field Operations per Acre, Single Crop Crawfish, Owner-Operators, North Louisiana, 2006.

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		-----dollars-----				
Crawf pond&eq north	acre			1.00	Jul			11.58	125.78			1.0000				137.36
Disk	24 ft	150	0.081	2.00	Jul	3.19	2.75	1.17	2.73	0.163	1.57					11.42
Fertilizer buggy	30 ft	105	0.060	1.00	Jul	0.79	0.55	0.22	0.34	0.060	0.57					2.50
Nitrogen	lbs											51.0000	0.40	20.40		20.40
Phosphat	lbs											51.0000	0.30	15.30		15.30
Potash	lbs											51.0000	0.21	10.71		10.71
Rotary mower-levees	6.7 ft	50	0.500	0.05	Jul	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Grain drill	20 ft	150	0.094	1.00	Jul	1.83	1.58	0.93	1.97	0.094	0.90					7.24
Rice seed	lbs											100.0000	0.21	21.00		21.00
Rotary mower-levees	6.7 ft	50	0.500	0.05	Aug	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Rotary mower-levees	6.7 ft	50	0.500	0.05	Sep	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawf irrig north LA	acin			1.00	Oct			10.95	16.68	0.060	0.57	6.0000				28.20
Hip boots	pair											0.0083	74.95	0.62		0.62
Irrigation labor	hour											0.5000	9.60	4.80		4.80
Rotary mower-levees	6.7 ft	50	0.500	0.05	Oct	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawf irrig north LA	acin			1.00	Nov			10.95		0.060	0.57	6.0000				11.52
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Crawf irrig north LA	acin			1.00	Dec			3.65		0.020	0.19	2.0000				3.84
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Crawf irrig north LA	acin			1.00	Jan			1.82		0.010	0.09	1.0000				1.92
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Crawf irrig north LA	acin			1.00	Feb			5.47		0.030	0.28	3.0000				5.76
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Crawfish combine	12 hp		0.075	26.00	Mar			1.87	1.53	2.145	20.59					24.00
Manuf. crawfish bait	lbs											97.5000	0.18	17.55		17.55
Sacks	each											1.5080	0.40	0.60		0.60
Crawf irrig north LA	acin			1.00	Mar			1.82		0.010	0.09	1.0000				1.92
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Crawfish combine	12 hp		0.075	24.00	Apr			1.72	1.41	1.980	19.00					22.15
Manuf. crawfish bait	lbs											90.0000	0.18	16.20		16.20
Sacks	each											5.2560	0.40	2.10		2.10
Crawf irrig north LA	acin			1.00	Apr			1.82		0.010	0.09	1.0000				1.92
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Rotary mower-levees	6.7 ft	50	0.500	0.05	Apr	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawfish combine	12 hp		0.075	26.00	May			1.87	1.53	2.145	20.59					24.00
Manuf. crawfish bait	lbs											97.5000	0.18	17.55		17.55
Sacks	each											6.0060	0.40	2.40		2.40
Crawf irrig north LA	acin			1.00	May			3.65		0.020	0.19	2.0000				3.84
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Rotary mower-levees	6.7 ft	50	0.500	0.05	May	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawfish combine	12 hp		0.075	12.00	Jun			0.86	0.70	0.990	9.50					11.07
Manuf. crawfish bait	lbs											45.0000	0.18	8.10		8.10
Sacks	each											2.2560	0.40	0.90		0.90
Crawf irrig north LA	acin			1.00	Jun			3.65		0.020	0.19	2.0000				3.84
Irrigation labor	hour											0.3000	9.60	2.88		2.88
Rotary mower-levees	6.7 ft	50	0.500	0.05	Jun	0.16	0.10	0.01	0.05	0.026	0.25					0.59
TOTALS						6.98	5.60	64.21	153.11	8.003	76.83			147.84		454.60
INTEREST ON OPERATING CAPITAL																10.19
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																464.80



Table 6.B Estimated Resource Use and Costs for Field Operations per Acre, Single Crop Crawfish, Owner-Operators, Southwest Louisiana, 2006.

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		-----dollars-----				
Crawf pond&eq single	acre			1.00	Jul			7.49	118.06			1.0000				125.55
Disk	24 ft	150	0.081	2.00	Jul	3.19	2.75	1.17	2.73	0.163	1.57					11.42
Crawf irrig single	acin			1.00	Jul			8.13	34.59	0.018	0.17	1.5000				42.89
Irrigation labor	hour											0.2500	9.60	2.40		2.40
Airplane seed	cwt			1.00	Jul							1.4000	5.60	7.84		7.84
Rice seed	lbs											140.0000	0.21	29.40		29.40
Rotary mower-levees	6.7 ft	50	0.500	0.05	Jul	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Airplane fert	cwt			1.00	Jul							0.7500	5.00	3.75		3.75
Urea (45%)	lbs											75.0000	0.17	12.75		12.75
Crawf irrig single	acin			1.00	Aug			8.13		0.018	0.17	1.5000				8.30
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Rotary mower-levees	6.7 ft	50	0.500	0.05	Aug	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawf irrig single	acin			1.00	Sep			8.13		0.018	0.17	1.5000				8.30
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Rotary mower-levees	6.7 ft	50	0.500	0.05	Sep	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawf irrig single	acin			1.00	Oct			65.09		0.144	1.38	12.0000				66.47
Hip boots	pair											0.0083	74.95	0.62		0.62
Irrigation labor	hour											0.5000	9.60	4.80		4.80
Rotary mower-levees	6.7 ft	50	0.500	0.05	Oct	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawf irrig single	acin			1.00	Nov			21.69		0.048	0.46	4.0000				22.15
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Crawfish combine	12 hp		0.075	10.00	Dec			0.72	0.59	0.825	7.92					9.23
Crawfish bait (fish)	lbs											50.0000	0.33	16.50		16.50
Sacks	each											1.3300	0.40	0.53		0.53
Crawf irrig single	acin			1.00	Dec			13.56		0.030	0.28	2.5000				13.84
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Pickup truck	1/2 ton		1.000	0.04	Dec			0.35	0.29	0.043	0.41					1.06
Crawfish combine	12 hp		0.075	13.00	Jan			0.93	0.76	1.072	10.29					12.00
Crawfish bait (fish)	lbs											65.0000	0.33	21.45		21.45
Sacks	each											3.0030	0.40	1.20		1.20
Crawf irrig single	acin			1.00	Jan			10.84		0.024	0.23	2.0000				11.07
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Pickup truck	1/2 ton		1.000	0.05	Jan			0.46	0.38	0.056	0.53					1.39
Crawfish combine	12 hp		0.075	12.00	Feb			0.86	0.70	0.990	9.50					11.07
Crawfish bait (fish)	lbs											60.0000	0.33	19.80		19.80
Sacks	each											4.5000	0.40	1.80		1.80
Crawf irrig single	acin			1.00	Feb			10.84		0.024	0.23	2.0000				11.07
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Pickup truck	1/2 ton		1.000	0.05	Feb			0.42	0.35	0.051	0.48					1.26
Crawfish combine	12 hp		0.075	20.00	Mar			1.44	1.18	1.650	15.84					18.46
Manuf. crawfish bait	lbs											50.0000	0.18	9.00		9.00
Crawfish bait (fish)	lbs											50.0000	0.33	16.50		16.50
Sacks	each											5.3400	0.40	2.13		2.13
Crawf irrig single	acin			1.00	Mar			10.84		0.024	0.23	2.0000				11.07
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Pickup truck	1/2 ton		1.000	0.08	Mar			0.71	0.59	0.086	0.82					2.13
Crawfish combine	12 hp		0.075	21.00	Apr			1.51	1.24	1.732	16.63					19.38
Manuf. crawfish bait	lbs											105.0000	0.18	18.90		18.90
Sacks	each											9.0090	0.40	3.60		3.60
Crawf irrig single	acin			1.00	Apr			10.84		0.024	0.23	2.0000				11.07
Irrigation labor	hour											0.1000	9.60	0.96		0.96
Pickup truck	1/2 ton		1.000	0.09	Apr			0.74	0.62	0.090	0.86					2.23
Rotary mower-levees	6.7 ft	50	0.500	0.05	Apr	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Crawfish combine	12 hp		0.075	18.00	May			1.29	1.06	1.485	14.25					16.61
Manuf. crawfish bait	lbs											90.0000	0.18	16.20		16.20
Sacks	each											5.9400	0.40	2.37		2.37
Crawf irrig single	acin			1.00	May			10.84		0.024	0.23	2.0000				11.07
Irrigation labor	hour											0.3000	9.60	2.88		2.88
Pickup truck	1/2 ton		1.000	0.07	May			0.64	0.53	0.077	0.73					1.91
Rotary mower-levees	6.7 ft	50	0.500	0.05	May	0.16	0.10	0.01	0.05	0.026	0.25					0.59
Rotary mower-levees	6.7 ft	50	0.500	0.05	Jun	0.16	0.10	0.01	0.05	0.026	0.25					0.59
TOTALS						4.35	3.46	197.93	164.13	8.903	85.46			202.12		657.48
INTEREST ON OPERATING CAPITAL																24.54
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																682.03

Table 7.B Estimated Resource Use and Costs for Field Operations per Acre, Rice-Crawfish Double Crop, Owner-Operators, Southwest Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR	OPERATING INPUT			TOTAL	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	COST
						-----dollars-----		-----dollars-----		dollars			-----dollars-----		
Disk Harrow	32'	MFWD 150	0.061	2.00	Nov	2.44	2.34	1.07	2.49	0.122	1.17				9.53
Levee plow	8 Ft	4WD 300	0.050	2.00	Nov	3.86	3.21	0.15	0.40	0.100	0.96				8.59
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.10	2.02	0.08	0.07	0.105	1.01				5.31
Ditcher rotary	1.5 ft	MFWD 150	0.020	1.00	Nov	0.39	0.38	0.03	0.04	0.020	0.19				1.05
Field cultivator	32 ft	4WD 300	0.046	1.00	Feb	1.80	1.50	0.27	1.25	0.046	0.44				5.28
Airplane fert	cwt			1.00	Feb							1.5000	5.00	7.50	7.50
Nitrogen	lbs											70.0000	0.40	28.00	28.00
Global pos. system	acre											1.0000	0.35	0.35	0.35
Airplane fert	cwt			1.00	Feb							1.0000	5.00	5.00	5.00
Phosphate	lbs											40.0000	0.30	12.00	12.00
Potash	lbs											60.0000	0.21	12.60	12.60
Global pos. system	acre											1.0000	0.35	0.35	0.35
Ditcher rotary	1.5 ft	MFWD 150	0.020	1.00	Feb	0.39	0.38	0.03	0.04	0.020	0.19				1.05
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.10	2.02	0.08	0.07	0.105	1.01				5.31
Rice gate	each			1.00	Feb							1.0000	2.50	2.50	2.50
Backhoe		MFWD 150	0.500	0.05	Feb	0.49	0.47	0.13	0.19	0.025	0.24				1.54
Water level	24 ft	4WD 300	0.149	2.00	Feb	11.59	9.65	0.46	1.06	0.299	2.87				25.64
Irrigation system 1	acre			1.00	Mar			122.48	38.96	0.300	2.88				164.32
Airplane seed	cwt			1.00	Apr							1.2000	5.60	6.72	6.72
Rice seed	lbs											120.0000	0.21	25.20	25.20
Global pos. system	acre											1.0000	0.35	0.35	0.35
App by air	appl			1.00	Apr							1.0000	4.50	4.50	4.50
Karate Z	oz											2.0000	3.02	6.04	6.04
Global pos. system	acre											1.0000	0.35	0.35	0.35
App by air	appl			1.00	Apr							1.0000	4.50	4.50	4.50
Facet 75DF	lb											0.5000	49.54	24.77	24.77
Londax 60DF	oz											1.0000	14.95	14.95	14.95
Global pos. system	acre											1.0000	0.35	0.35	0.35
App by air	appl			1.00	Jun							1.0000	4.50	4.50	4.50
2,4-D Amine 4	pt											2.5000	1.59	3.97	3.97
Global pos. system	acre											1.0000	0.35	0.35	0.35
Airplane fert	cwt			1.00	Jun							1.3000	5.00	6.50	6.50
Nitrogen	lbs											60.0000	0.40	24.00	24.00
Global pos. system	acre											1.0000	0.35	0.35	0.35
App by air	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Quadris	oz											10.0000	2.23	22.30	22.30
Global pos. system	acre											1.0000	0.35	0.35	0.35
Seed crawfish	lbs			1.00	Jun							60.0000	1.60	96.00	96.00
Other labor	hour											0.0500	9.60	0.48	0.48
App by air	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Karate Z	oz											2.0000	3.02	6.04	6.04
Global pos. system	acre											1.0000	0.35	0.35	0.35
Combine Rice	25 Ft		0.300	1.00	Aug			18.87	21.61	0.330	5.04				45.54
Grain cart	500 bu	MFWD 150	0.288	0.20	Aug	1.14	1.10	0.22	0.43	0.057	0.55				3.46
Drying rice	cwt			1.00	Aug							63.8000	0.90	57.42	57.42
Haul rice	cwt			1.00	Aug							57.0000	0.25	14.25	14.25
Blade-Scraper	10'	MFWD 150	1.176	0.20	Aug	4.67	4.49	0.19	0.17	0.235	2.25				11.80
Crawf irrig double	acin			1.00	Oct			31.18	34.59	0.072	0.69				66.46
Hip boots	pair											1.0000	74.95	74.95	74.95
Irrigation labor	hour											0.6000	9.60	5.76	5.76
Rotary mower-levees	6.7 ft	50	0.500	0.05	Oct	0.16	0.10	0.01	0.05	0.026	0.25				0.59
Crawf irrig double	acin			1.00	Nov			20.78	0.048	0.46		4.0000			21.25
Irrigation labor	hour											0.2000	9.60	1.92	1.92
Crawf irrig double	acin			1.00	Dec			10.39		0.024	0.23	2.0000			10.62
Irrigation labor	hour											0.2000	9.60	1.92	1.92
Crawfish combine	12 hp		0.075	5.00	Jan			0.36	0.29	0.412	3.96				4.61
Crawfish bait (fish)	lbs											18.7500	0.33	6.18	6.18
Sacks	each											0.9000	0.40	0.36	0.36
Crawf irrig double	acin			1.00	Jan			7.79		0.018	0.17	1.5000			7.96
Irrigation labor	hour											0.2000	9.60	1.92	1.92
Pickup truck	1/2 ton		1.000	0.05	Jan			0.46	0.38	0.056	0.53				1.39
Crawf pond&eq double	acre			1.00	Jan			1.06	58.09			1.0000			59.15
Crawfish combine	12 hp		0.075	10.00	Feb			0.72	0.59	0.825	7.92				9.23
Crawfish bait (fish)	lbs											37.5000	0.33	12.37	12.37
Sacks	each											3.7000	0.40	1.48	1.48
Crawf irrig double	acin			1.00	Feb			10.39		0.024	0.23	2.0000			10.62
Irrigation labor	hour											0.2000	9.60	1.92	1.92
Pickup truck	1/2 ton		1.000	0.05	Feb			0.42	0.35	0.051	0.48				1.26
Crawfish combine	12 hp		0.075	15.00	Mar			1.08	0.88	1.237	11.88				13.84
Manuf. crawfish bait	lbs											28.1250	0.18	5.06	5.06
Crawfish bait (fish)	lbs											28.1250	0.33	9.28	9.28
Sacks	each											3.9000	0.40	1.56	1.56
Crawf irrig double	acin			1.00	Mar			10.39		0.024	0.23	2.0000			10.62
Irrigation labor	hour											0.4000	9.60	3.84	3.84
Pickup truck	1/2 ton		1.000	0.08	Mar			0.71	0.59	0.086	0.82				2.13
Crawfish combine	12 hp		0.075	21.00	Apr			1.51	1.24	1.732	16.63				19.38
Manuf. crawfish bait	lbs											78.7500	0.18	14.17	14.17
Sacks	each											9.0300	0.40	3.61	3.61
Crawf irrig double	acin			1.00	Apr			10.39		0.024	0.23	2.0000			10.62
Irrigation labor	hour											0.2000	9.60	1.92	1.92
Pickup truck	1/2 ton		1.000	0.06	Apr			0.53	0.44	0.064	0.61				1.59
Pickup truck	1/2 ton		1.000	0.05	Apr			0.42	0.35	0.051	0.48				1.26
Crawfish combine	12 hp		0.075	21.00	May			1.51	1.24	1.732	16.63				19.38
Manuf. crawfish bait	lbs											78.7500	0.18	14.17	14.17
Sacks	each											9.0300	0.40	3.61	3.61
Crawf irrig double	acin			1.00	May			10.39		0.024	0.23	2.0000			10.62
Pickup truck	1/2 ton		1.000	0.08	May			0.71	0.59	0.086	0.82				2.13
Crawfish combine	12 hp		0.075	11.00	Jun			0.79	0.64	0.907	8.71				10.15
Manuf. crawfish bait	lbs											41.2500	0.18	7.42	7.42
Sacks	each											4.7300	0.40	1.89	1.89
TOTALS						31.19	27.69	266.19	167.24	9.295	91.11			577.24	1160.68
INTEREST ON OPERATING CAPITAL															40.26
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1200.94

Table 8.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Owner-Operator, 10 Acre Ponds, Louisiana, 2006.

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		-----dollars-----				
Catf pond&equip	6x10 acre				1.00	Jan			14.84	205.95			1.0000			220.79
Catf irrig	acin				1.00	Jan			3.22	25.59	0.021	0.20	2.1000			29.01
Other labor	hour												1.0000	9.60	9.60	9.60
Water consultant	acre												1.0000	1.75	1.75	1.75
Propane	tank												0.0500	11.50	0.57	0.57
Shotgun shells	box												0.2500	5.00	1.25	1.25
Feeder truck	ton				1.00	Jan			1.04	52.22	0.030	0.28	0.1500			53.54
Catfish feed	ton												0.1500	242.00	36.30	36.30
Catf irrig	acin				1.00	Feb			3.52		0.023	0.22	2.3000			3.74
Other labor	hour												1.0000	9.60	9.60	9.60
Water consultant	acre												1.0000	1.75	1.75	1.75
Propane	tank												0.0500	11.50	0.57	0.57
Shotgun shells	box												0.2500	5.00	1.25	1.25
Feeder truck	ton				1.00	Feb			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton												0.1500	242.00	36.30	36.30
Pickup truck	1/2 ton				1.000	0.42	Feb		3.49	2.91	0.420	4.03				10.44
Catf irrig	acin				1.00	Mar			3.83		0.025	0.24	2.5000			4.07
Other labor	hour												1.0000	9.60	9.60	9.60
Water consultant	acre												1.0000	1.75	1.75	1.75
Propane	tank												0.0500	11.50	0.57	0.57
Shotgun shells	box												0.2500	5.00	1.25	1.25
Feeder truck	ton				1.00	Mar			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.5500	242.00	133.10	133.10
Boat,Motor&Trailer	14 ft lbs				0.075	0.75	Mar		4.17	6.93	0.061	0.59				11.70
Spring chemicals	lb												18.0000	0.60	10.80	10.80
10Hp aerator-10	hour				1.00	Apr			6.35	2.68	0.600	5.76	6.0000			14.80
Other labor	hour												2.1000	9.60	20.16	20.16
Water consultant	acre												1.0000	1.75	1.75	1.75
Catf irrig	acin				1.00	Apr			3.52		0.023	0.22	2.3000			3.74
Feeder truck	ton				1.00	Apr			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton				1.000	0.30	Apr		2.53	2.11	0.305	2.92				7.58
Harv & haul catfish	cwt				1.00	Apr							4.8000	5.00	24.00	24.00
Custom restk catfish	thou												0.5000	25.00	12.50	12.50
Fingerlings	thou												0.5000	68.75	34.37	34.37
PTO aerator	hour	68			1.000	1.10	Apr	10.28	6.23	0.16	0.87	0.110	1.05			18.62
10Hp aerator-10	hour				1.00	May			6.35	2.68	0.600	5.76	6.0000			14.80
Other labor	hour												2.0000	9.60	19.20	19.20
Water consultant	acre												1.0000	1.75	1.75	1.75
Catf irrig	acin				1.00	May			3.98		0.026	0.24	2.6000			4.23
Feeder truck	ton				1.00	May			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton				1.000	0.10	May		0.83	0.69	0.100	0.96				2.48
Harv & haul catfish	cwt				1.00	May							10.0000	5.00	50.00	50.00
Custom restk catfish	thou												1.0500	25.00	26.25	26.25
Fingerlings	thou												1.0500	68.75	72.18	72.18
Side Mount Mower	6 ft	75			0.500	0.25	May	1.17	0.71	0.36	2.12	0.126	1.20			5.59
PTO aerator	hour	68			1.000	0.60	May	5.61	3.40	0.09	0.47	0.060	0.57			10.15
10Hp aerator-10	hour				1.00	Jun			14.82	6.27	1.400	13.44	14.0000			34.53
Other labor	hour												2.0000	9.60	19.20	19.20
Water consultant	acre												1.0000	1.75	1.75	1.75
Catf irrig	acin				1.00	Jun			2.14		0.014	0.13	1.4000			2.28
Feeder truck	ton				1.00	Jun			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.4130	242.00	99.94	99.94
Medicated feed	ton												0.1370	495.00	67.81	67.81
Pickup truck	1/2 ton				1.000	0.15	Jun		1.24	1.04	0.150	1.44				3.72
PTO aerator	hour	68			1.000	1.40	Jun	13.09	7.93	0.21	1.11	0.140	1.34			23.70
10Hp aerator-10	hour				1.00	Jul			14.82	6.27	1.400	13.44	14.0000			34.53
Other labor	hour												2.0000	9.60	19.20	19.20
Water consultant	acre												1.0000	1.75	1.75	1.75
Catf irrig	acin				1.00	Jul			5.98		0.039	0.37	3.9000			6.35
Feeder truck	ton				1.00	Jul			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton				1.000	0.15	Jul		1.24	1.04	0.150	1.44				3.72
PTO aerator	hour	68			1.000	1.40	Jul	13.09	7.93	0.21	1.11	0.140	1.34			23.70
10Hp aerator-10	hour				1.00	Aug			14.82	6.27	1.400	13.44	14.0000			34.53
Other labor	hour												2.1000	9.60	20.16	20.16
Water consultant	acre												1.0000	1.75	1.75	1.75
Catf irrig	acin				1.00	Aug			7.05		0.046	0.44	4.6000			7.49
Feeder truck	ton				1.00	Aug			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton				1.000	0.35	Aug		2.95	2.46	0.355	3.40				8.82
Harv & haul catfish	cwt				1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou												0.9800	25.00	24.50	24.50
Fingerlings	thou												0.9800	68.75	67.37	67.37
Side Mount Mower	6 ft	75			0.500	0.25	Aug	1.17	0.71	0.36	2.12	0.126	1.20			5.59
PTO aerator	hour	68			1.000	1.90	Aug	17.76	10.76	0.28	1.51	0.190	1.82			32.16
10Hp aerator-10	hour				1.00	Sep			14.82	6.27	1.400	13.44	14.0000			34.53
Other labor	hour												2.0000	9.60	19.20	19.20
Water consultant	acre												1.0000	1.75	1.75	1.75
Catf irrig	acin				1.00	Sep			4.29		0.028	0.26	2.8000			4.56
Feeder truck	ton				1.00	Sep			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton												0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton				1.000	0.15	Sep		1.24	1.04	0.150	1.44				3.72
Harv & haul catfish	cwt				1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou												0.7200	25.00	18.00	18.00
Fingerlings	thou												0.7200	68.75	49.50	49.50
PTO aerator	hour	68			1.000	1.40	Sep	13.09	7.93	0.21	1.11	0.140	1.34			23.70
10Hp aerator-10	hour				1.00	Oct			6.35	2.68	0.600	5.76	6.0000			14.80
Other labor	hour												3.0000	9.60	28.80	28.80
Water consultant	acre												1.0000	1.75	1.75	1.75
Propane	tank												0.0500	11.50	0.57	0.57
Shotgun shells	box												0.2500	5.00	1.25	1.25
Catf irrig	acin				1.00	Oct			7.05		0.046	0.44	4.6000			7.49
Feeder truck	ton				1.00	Oct			3.81		0.110	1.05	0.5500			4.87

Table 8.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Owner-Operator, 10 Acre Ponds,  
(CON'T) Louisiana, 2006.

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-----			
Catfish feed	ton											0.4130	242.00	99.94	99.94
Medicated feed	ton											0.1370	495.00	67.81	67.81
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											1.0500	25.00	26.25	26.25
Fingerlings	thou											1.0500	68.75	72.18	72.18
PTO aerator	hour	68	1.000	0.60	Oct	5.61	3.40	0.09	0.47	0.060	0.57				10.15
Catf irrig	acin			1.00	Nov			3.22		0.021	0.20	2.1000			3.42
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Nov			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			1.00	1.66	0.014	0.14				2.80
Fall chemicals	lbs											8.8200	1.90	16.75	16.75
Pickup truck	1/2 ton		1.000	0.52	Nov			4.32	3.61	0.520	4.99				12.92
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											1.2000	25.00	30.00	30.00
Fingerlings	thou											1.2000	68.75	82.50	82.50
Catf irrig	acin			1.00	Dec			3.22		0.021	0.20	2.1000			3.42
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Dec			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
TOTALS						80.90	49.04	204.07	351.42	12.051	115.69			2312.37	3113.51
INTEREST ON OPERATING CAPITAL															119.88
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3233.40

Table 9.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Owner-Operator, 10 Acre Ponds with Generator, Louisiana, 2006.

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		dollars			
Catf pond&equip	6x10 acre			1.00	Jan			14.84	205.95			1.0000			220.79
Catf irrig (d)	acin			1.00	Jan			5.58	47.88	0.021	0.20	2.1000			53.66
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Jan			1.04	52.22	0.030	0.28	0.1500			53.54
Catfish feed	ton											0.1500	242.00	36.30	36.30
Catf irrig (d)	acin			1.00	Feb			6.11		0.023	0.22	2.3000			6.33
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Feb			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
Pickup truck	1/2 ton			1.000	0.42	Feb		3.49	2.91	0.420	4.03				10.44
Catf irrig (d)	acin			1.00	Mar			6.64		0.025	0.24	2.5000			6.88
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Mar			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Boat,Motor&Trailer	14 ft			0.075	0.75	Mar		4.17	6.93	0.061	0.59				11.70
Spring chemicals	lbs											18.0000	0.60	10.80	10.80
10Hp aerator-10(d)	hour			1.00	Apr			15.32	2.68	0.600	5.76	6.0000			23.77
Other labor	hour											2.1000	9.60	20.16	20.16
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (d)	acin			1.00	Apr			6.11		0.023	0.22	2.3000			6.33
Feeder truck	ton			1.00	Apr			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton			1.000	0.30	Apr		2.53	2.11	0.305	2.92				7.58
Harv & haul catfish	cwt			1.00	Apr							4.8000	5.00	24.00	24.00
Custom restk catfish	thou											0.5000	25.00	12.50	12.50
Fingerlings	thou											0.5000	68.75	34.37	34.37
PTO aerator	hour	68		1.000	1.10	Apr	10.28	6.23	0.16	0.87	0.110	1.05			18.62
10Hp aerator-10(d)	hour			1.00	May			15.32	2.68	0.600	5.76	6.0000			23.77
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (d)	acin			1.00	May			6.91		0.026	0.24	2.6000			7.16
Feeder truck	ton			1.00	May			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton			1.000	0.10	May		0.83	0.69	0.100	0.96				2.48
Harv & haul catfish	cwt			1.00	May							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											1.0500	25.00	26.25	26.25
Fingerlings	thou											1.0500	68.75	72.18	72.18
Side Mount Mower	6 ft	75		0.500	0.25	May	1.17	0.71	0.36	2.12	0.126	1.20			5.59
PTO aerator	hour	68		1.000	0.60	May	5.61	3.40	0.09	0.47	0.060	0.57			10.15
10Hp aerator-10(d)	hour			1.00	Jun			35.75	6.27	1.400	13.44	14.0000			55.46
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (d)	acin			1.00	Jun			3.72		0.014	0.13	1.4000			3.85
Feeder truck	ton			1.00	Jun			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton			1.000	0.15	Jun		1.24	1.04	0.150	1.44				3.72
PTO aerator	hour	68		1.000	1.40	Jun	13.09	7.93	0.21	1.11	0.140	1.34			23.70
10Hp aerator-10(d)	hour			1.00	Jul			35.75	6.27	1.400	13.44	14.0000			55.46
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (d)	acin			1.00	Jul			10.36		0.039	0.37	3.9000			10.74
Feeder truck	ton			1.00	Jul			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton			1.000	0.15	Jul		1.24	1.04	0.150	1.44				3.72
PTO aerator	hour	68		1.000	1.40	Jul	13.09	7.93	0.21	1.11	0.140	1.34			23.70
10Hp aerator-10(d)	hour			1.00	Aug			35.75	6.27	1.400	13.44	14.0000			55.46
Other labor	hour											2.1000	9.60	20.16	20.16
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (d)	acin			1.00	Aug			12.23		0.046	0.44	4.6000			12.67
Feeder truck	ton			1.00	Aug			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton			1.000	0.35	Aug		2.95	2.46	0.355	3.40				8.82
Harv & haul catfish	cwt			1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou											0.9800	25.00	24.50	24.50
Fingerlings	thou											0.9800	68.75	67.37	67.37
Side Mount Mower	6 ft	75		0.500	0.25	Aug	1.17	0.71	0.36	2.12	0.126	1.20			5.59
PTO aerator	hour	68		1.000	1.90	Aug	17.76	10.76	0.28	1.51	0.190	1.82			32.16
10Hp aerator-10(d)	hour			1.00	Sep			35.75	6.27	1.400	13.44	14.0000			55.46
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (d)	acin			1.00	Sep			7.44		0.028	0.26	2.8000			7.71
Feeder truck	ton			1.00	Sep			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton			1.000	0.15	Sep		1.24	1.04	0.150	1.44				3.72
Harv & haul catfish	cwt			1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou											0.7200	25.00	18.00	18.00
Fingerlings	thou											0.7200	68.75	49.50	49.50
PTO aerator	hour	68		1.000	1.40	Sep	13.09	7.93	0.21	1.11	0.140	1.34			23.70
10Hp aerator-10(d)	hour			1.00	Oct			15.32	2.68	0.600	5.76	6.0000			23.77
Other labor	hour											3.0000	9.60	28.80	28.80
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Catf irrig (d)	acin			1.00	Oct			12.23		0.046	0.44	4.6000			12.67
Feeder truck	ton			1.00	Oct			3.81		0.110	1.05	0.5500			4.87

Table 9.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Owner-Operator, 10 Acre Ponds with Generator, (CON'T) Louisiana, 2006.

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-----				
Catfish feed	ton											0.4130	242.00	99.94	99.94	
Medicated feed	ton											0.1370	495.00	67.81	67.81	
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00	
Custom restk catfish	thou											1.0500	25.00	26.25	26.25	
Fingerlings	thou											1.0500	68.75	72.18	72.18	
PTO aerator	hour	68	1.000	0.60	Oct	5.61	3.40	0.09	0.47	0.060	0.57				10.15	
Catf irrig (d)	acin			1.00	Nov			5.58		0.021	0.20	2.1000			5.78	
Other labor	hour											1.0000	9.60	9.60	9.60	
Water consultant	acre											1.0000	1.75	1.75	1.75	
Propane	tank											0.0500	11.50	0.57	0.57	
Shotgun shells	box											0.2500	5.00	1.25	1.25	
Feeder truck	ton			1.00	Nov			1.04		0.030	0.28	0.1500			1.32	
Catfish feed	ton											0.1500	242.00	36.30	36.30	
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			1.00	1.66	0.014	0.14				2.80	
Fall chemicals	lbs											8.8200	1.90	16.75	16.75	
Pickup truck	1/2 ton		1.000	0.52	Nov			4.32	3.61	0.520	4.99				12.92	
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00	
Custom restk catfish	thou											1.2000	25.00	30.00	30.00	
Fingerlings	thou											1.2000	68.75	82.50	82.50	
Catf irrig (d)	acin			1.00	Dec			5.58		0.021	0.20	2.1000			5.78	
Other labor	hour											1.0000	9.60	9.60	9.60	
Water consultant	acre											1.0000	1.75	1.75	1.75	
Propane	tank											0.0500	11.50	0.57	0.57	
Shotgun shells	box											0.2500	5.00	1.25	1.25	
Feeder truck	ton			1.00	Dec			1.04		0.030	0.28	0.1500			1.32	
Catfish feed	ton											0.1500	242.00	36.30	36.30	
TOTALS						80.90	49.04	352.15	373.71	12.051	115.69	2312.37			3283.88	
INTEREST ON OPERATING CAPITAL																126.40
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																3410.29

Table 10.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Tenant-Operator, 10 Acre Ponds, Louisiana, 2006.

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		dollars			
Catf pond&eq 6x10(r)	acre			1.00	Jan			14.84	13.98			1.0000			28.82
Rent (catf electric)	acre											1.0000	200.00	200.00	200.00
Catf irrig (r)	acin			1.00	Jan			3.05		0.021	0.20	2.1000			3.25
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Jan			1.04	52.22	0.030	0.28	0.1500			53.54
Catfish feed	ton											0.1500	242.00	36.30	36.30
Catf irrig (r)	acin			1.00	Feb			3.34		0.023	0.22	2.3000			3.57
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Feb			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
Pickup truck	1/2 ton		1.000	0.42	Feb			3.49	2.91	0.420	4.03				10.44
Catf irrig (r)	acin			1.00	Mar			3.64		0.025	0.24	2.5000			3.88
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Mar			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Boat, Motor&Trailer	14 ft		0.075	0.75	Mar			4.17	6.93	0.061	0.59				11.70
Spring chemicals	lbs											18.0000	0.60	10.80	10.80
10Hp aerator-10(r)	hour			1.00	Apr			6.35		0.600	5.76	6.0000			12.11
Other labor	hour											2.1000	9.60	20.16	20.16
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (r)	acin			1.00	Apr			3.34		0.023	0.22	2.3000			3.57
Feeder truck	ton			1.00	Apr			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton		1.000	0.30	Apr			2.53	2.11	0.305	2.92				7.58
Harv & haul catfish	cwt			1.00	Apr							4.8000	5.00	24.00	24.00
Custom restk catfish	thou											0.5000	25.00	12.50	12.50
Fingerlings	thou											0.5000	68.75	34.37	34.37
PTO aerator	hour	68	1.000	1.10	Apr	10.28	6.23	0.16	0.87	0.110	1.05				18.62
10Hp aerator-10(r)	hour			1.00	May			6.35		0.600	5.76	6.0000			12.11
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (r)	acin			1.00	May			3.78		0.026	0.24	2.6000			4.03
Feeder truck	ton			1.00	May			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton		1.000	0.10	May			0.83	0.69	0.100	0.96				2.48
Harv & haul catfish	cwt			1.00	May							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											1.0500	25.00	26.25	26.25
Fingerlings	thou											1.0500	68.75	72.18	72.18
Side Mount Mower	6 ft	75	0.500	0.25	May	1.17	0.71	0.36	2.12	0.126	1.20				5.59
PTO aerator	hour	68	1.000	0.60	May	5.61	3.40	0.09	0.47	0.060	0.57				10.15
10Hp aerator-10(r)	hour			1.00	Jun			14.82		1.400	13.44	14.0000			28.26
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (r)	acin			1.00	Jun			2.03		0.014	0.13	1.4000			2.17
Feeder truck	ton			1.00	Jun			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.4130	242.00	99.94	99.94
Medicated feed	ton											0.1370	495.00	67.81	67.81
Pickup truck	1/2 ton		1.000	0.15	Jun			1.24	1.04	0.150	1.44				3.72
PTO aerator	hour	68	1.000	1.40	Jun	13.09	7.93	0.21	1.11	0.140	1.34				23.70
10Hp aerator-10(r)	hour			1.00	Jul			14.82		1.400	13.44	14.0000			28.26
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (r)	acin			1.00	Jul			5.67		0.039	0.37	3.9000			6.05
Feeder truck	ton			1.00	Jul			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton		1.000	0.15	Jul			1.24	1.04	0.150	1.44				3.72
PTO aerator	hour	68	1.000	1.40	Jul	13.09	7.93	0.21	1.11	0.140	1.34				23.70
10Hp aerator-10(r)	hour			1.00	Aug			14.82		1.400	13.44	14.0000			28.26
Other labor	hour											2.1000	9.60	20.16	20.16
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (r)	acin			1.00	Aug			6.69		0.046	0.44	4.6000			7.14
Feeder truck	ton			1.00	Aug			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton		1.000	0.35	Aug			2.95	2.46	0.355	3.40				8.82
Harv & haul catfish	cwt			1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou											0.9800	25.00	24.50	24.50
Fingerlings	thou											0.9800	68.75	67.37	67.37
Side Mount Mower	6 ft	75	0.500	0.25	Aug	1.17	0.71	0.36	2.12	0.126	1.20				5.59
PTO aerator	hour	68	1.000	1.90	Aug	17.76	10.76	0.28	1.51	0.190	1.82				32.16
10Hp aerator-10(r)	hour			1.00	Sep			14.82		1.400	13.44	14.0000			28.26
Other labor	hour											2.0000	9.60	19.20	19.20
Water consultant	acre											1.0000	1.75	1.75	1.75
Catf irrig (r)	acin			1.00	Sep			4.07		0.028	0.26	2.8000			4.34
Feeder truck	ton			1.00	Sep			3.81		0.110	1.05	0.5500			4.87
Catfish feed	ton											0.5500	242.00	133.10	133.10
Pickup truck	1/2 ton		1.000	0.15	Sep			1.24	1.04	0.150	1.44				3.72
Harv & haul catfish	cwt			1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou											0.7200	25.00	18.00	18.00
Fingerlings	thou											0.7200	68.75	49.50	49.50
PTO aerator	hour	68	1.000	1.40	Sep	13.09	7.93	0.21	1.11	0.140	1.34				23.70
10Hp aerator-10(r)	hour			1.00	Oct			6.35		0.600	5.76	6.0000			12.11
Other labor	hour											3.0000	9.60	28.80	28.80
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Catf irrig (r)	acin			1.00	Oct			6.69		0.046	0.44	4.6000			7.14
Feeder truck	ton														

Table 10.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Tenant-Operator, 10 Acre Ponds, (CON'T) Louisiana, 2006.

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-----			
Catfish feed	ton											0.4130	242.00	99.94	99.94
Medicated feed	ton											0.1370	495.00	67.81	67.81
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											1.0500	25.00	26.25	26.25
Fingerlings	thou											1.0500	68.75	72.18	72.18
PTO aerator	hour	68	1.000	0.60	Oct	5.61	3.40	0.09	0.47	0.060	0.57				10.15
Catf irrig (r)	acin			1.00	Nov			3.05		0.021	0.20	2.1000			3.25
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Nov			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
Boat, Motor&Trailer	14 ft		0.075	0.18	Nov			1.00	1.66	0.014	0.14				2.80
Fall chemicals	lbs											8.8200	1.90	16.75	16.75
Pickup truck	1/2 ton		1.000	0.52	Nov			4.32	3.61	0.520	4.99				12.92
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											1.2000	25.00	30.00	30.00
Fingerlings	thou											1.2000	68.75	82.50	82.50
Catf irrig (r)	acin			1.00	Dec			3.05		0.021	0.20	2.1000			3.25
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Dec			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
TOTALS						80.90	49.04	201.47	100.70	12.051	115.69	2512.37			3060.20
INTEREST ON OPERATING CAPITAL															137.76
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3197.97





Table 11.B Estimated Resource Use and Costs for Field Operations per Acre, Catfish, Tenant-Operator, 10 Acre Ponds with Generator, (CON'T) Louisiana, 2006.

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-----			
Catfish feed	ton											0.4130	242.00	99.94	99.94
Medicated feed	ton											0.1370	495.00	67.81	67.81
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											1.0500	25.00	26.25	26.25
Fingerlings	thou											1.0500	68.75	72.18	72.18
PTO aerator	hour	68	1.000	0.60	Oct	5.61	3.40	0.09	0.47	0.060	0.57				10.15
Catf irrig (d,r)	acin			1.00	Nov			5.22		0.021	0.20	2.1000			5.42
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Nov			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
Boat, Motor&Trailer	14 ft		0.075	0.18	Nov			1.00	1.66	0.014	0.14				2.80
Fall chemicals	lbs											8.8200	1.90	16.75	16.75
Pickup truck	1/2 ton		1.000	0.52	Nov			4.32	3.61	0.520	4.99				12.92
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											1.2000	25.00	30.00	30.00
Fingerlings	thou											1.2000	68.75	82.50	82.50
Catf irrig (d,r)	acin			1.00	Dec			5.22		0.021	0.20	2.1000			5.42
Other labor	hour											1.0000	9.60	9.60	9.60
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	11.50	0.57	0.57
Shotgun shells	box											0.2500	5.00	1.25	1.25
Feeder truck	ton			1.00	Dec			1.04		0.030	0.28	0.1500			1.32
Catfish feed	ton											0.1500	242.00	36.30	36.30
TOTALS						80.90	49.04	346.42	100.70	12.051	115.69	2512.37			3205.15
INTEREST ON OPERATING CAPITAL															144.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3349.30

Appendix Table 1. A Summary of Projected Costs Based on Reduced Fishing Days for Crawfish and Crawfish-Rice Production, Louisiana, 2006.

	Base	-10%	-20%	-30%
<b>Crawfish Enterprises:</b>				
<b>Northeast Louisiana</b>				
Non-aerated, Owner fishing days	88	79	71	61
Direct Expenses	309.84	295.09	281.94	265.57
Fixed Expenses	158.72	158.18	157.71	157.12
Total Expenses	468.56	453.27	439.65	422.69
<b>Southwest Louisiana</b>				
Non-aerated, Owner fishing days	94	85	75	66
Direct Expenses	514.43	493.80	470.46	448.99
Fixed Expenses	167.60	167.07	166.48	165.95
Total Expenses	682.03	660.87	636.94	614.94
<b>Crawfish -Rice Owner</b>				
fishing days	83	75	67	59
Direct Expenses	1016.00	993.27	977.76	962.25
Fixed Expenses	202.75	196.07	195.60	195.13
Total Expenses	1218.75	1189.34	1173.36	1157.38

Appendix Table 2. Operating Inputs: Estimated Prices, Louisiana, 2006.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
<b>BAIT</b>					
Crawfish bait (fish)	lbs	0.33	Manuf. crawfish bait	lbs	0.18
<b>CUSTOM</b>					
Airplane fert	cwt	5.00	Airplane fert	acre	4.75
Airplane seed	acre	5.00	Airplane seed	cwt	5.60
App by air	appl	4.50	Custom haul catfish	lbs	0.02
Custom restk catfish	thou	25.00	Drying rice	cwt	0.90
Fertilizer truck	acre	5.00	Global pos. system	acre	0.35
Harv & haul catfish	cwt	5.00	Haul rice	cwt	0.25
LARice Air Plant sw	cwt	5.60	LARice GPS Charge SW	acre	0.35
Storage rice	cwt	0.10	Water consultant	acre	1.75
<b>FEED</b>					
Catfish feed	ton	242.00	Medicated feed	ton	495.00
<b>FERTILIZER</b>					
Nitrogen	lbs	0.40	Phosphate	lbs	0.30
Potash	lbs	0.21	Urea (45%)	lbs	0.17
<b>FUNGICIDES</b>					
Quadris	oz	2.23	Tilt	oz	2.67
<b>HERBICIDES</b>					
2,4-D Amine 4	pt	1.59	2,4-D LV4	pt	1.85
Facet 75DF	lb	49.54	Fall chemicals	lbs	1.90
Londax 60DF	oz	14.95	Spring chemicals	lbs	0.60
<b>HIRED LABOR</b>					
Irrigation labor	hour	9.60	Other labor	hour	9.60
Predator cntrl labor	hour	9.60			
<b>INSECTICIDES</b>					
Karate Z	oz	3.02	Methyl parathion	pt	3.51
Sevin 80% S	lbs	5.34			
<b>OTHER</b>					
Accounting service	dol	1.00	Farmstead & drainage	dol	1.00
Fingerlings	thou	68.75	Hip boots	pair	74.95
Levee gate	gate	10.00	Misc. overhead	dol	1.00
Propane	tank	11.50	Rent (catf diesel)	acre	200.00
Rent (catf electric)	acre	200.00	Rice gate	each	3.65
Sacks	each	0.40	Seed crawfish	lbs	1.60
Shotgun shells	box	5.00	Stunted crawfish	lbs	0.80
Supply & misc	dol	1.00	Twine	ton	0.75
Utilities	dol	1.00	Waders	pair	120.00
<b>SEED</b>					
Common bermuda seed	lbs	2.60	Rice seed	lbs	0.21
Ryegrass seed	lbs	0.41			

Appendix Table 3. Powered Equipment: Estimated Useful Life, Annual Use, Purchase Price, Repair Cost, Fuel Consumption Rate, and Direct and Fixed Cost per Hour, Louisiana, 2006.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	CONS	--DIRECT COST--		--FIXEDCOST--	
		RATE	LIFE	USE	PRICE	COST	RATE	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent	/hour				
Double Hitch	0		10	1000	0	100	0.00	0.00		0.00	
Pickup Truck	1/2 ton		5	800	25,000	45	2.50	8.31		6.94	
Tractor (15-30hp)	22		8	600	8,200	15	1.13	2.96		1.69	
Tractor (40-59hp)	50		8	600	18,718	15	2.57	6.23		3.86	
Tractor (60-89hp)	75		8	600	27,557	15	3.86	9.35		5.68	
Tractor (90-115hp)	105		8	600	45,123	15	5.40	13.29		9.30	
Tractor (200-249hp)	225		8	600	131,516	15	11.58	29.58		28.21	
Tractor (106-130hp)	118		8	600	70,771	15	6.69	16.92		14.59	
Tractor (140-159hp)	150		8	600	81,519	15	7.72	19.53		16.81	
Tractor (140-159hp)	150 MFWD		8	600	88,497	15	7.72	19.75		18.25	
Tractor (160-170hp)	170		8	600	89,600	15	8.75	22.05		19.22	
Tractor (180-199hp)	190		8	600	102,730	15	9.77	24.72		22.04	
Tractor (250-349hp)	300		8	600	150,010	15	15.44	38.65		32.18	
Tractor GC(90-115hp)	105		8	600	40,934	15	2.59	6.97		8.44	
Tractor PTO(60-89hp)	68		8	600	27,481	15	3.86	9.35		5.66	
Tractor(140-159hp)CB	MFWD 150		8	600	92,551	15	7.72	19.87		19.08	
Tractor(350-449hp)	4WD 300		8	600	150,010	15	15.44	38.65		32.18	
2 man cf combine	12 hp	0.063	10	923	6,600	40	0.30	1.00	0.06	0.93	0.05
Boat,Motor&Trailer	14 ft	0.075	8	4	3,465	65	4.00	74.18	5.56	123.29	9.24
Combine Rice	25 Ft	0.300	10	300	165,000	80	8.60	62.92	18.87	72.05	21.61
Crawfish combine	12 hp	0.075	10	1098	6,600	40	0.30	0.96	0.07	0.78	0.05
Pickup truck	1/2 ton	1.000	5	800	25,000	45	2.50	8.31	8.31	6.94	6.94
Truck	5 ton	1.000	12	100	115,000	100	5.00	107.83	107.83	133.53	133.53

Appendix Table 4. Implements: Estimated Performance Rate, Useful Life, Annual Use, Purchase Price, Repair Cost, and Direct and Fixed Cost per Hour and per Acre, Louisiana, 2006.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
Backhoe		0.500	10	100	6,000	88	5.28	2.64	7.86	3.93
Blade-Scraper	10'	1.176	20	200	1,754	190	0.83	0.98	0.75	0.88
Cultimulcher	12 Ft	0.160	15	120	5,500	88	2.68	0.43	4.65	0.74
Disk	24 ft	0.081	10	180	25,883	50	7.18	0.58	16.69	1.36
Disk Harrow	32'	0.061	10	180	31,566	50	8.76	0.53	20.36	1.24
Ditcher rotary	1.5 ft	0.020	10	200	4,071	80	1.62	0.03	2.36	0.04
Ditcher side	1.5	0.009	10	200	4,071	80	1.62	0.01	2.36	0.02
Dozer blade	8 ft	0.880	20	100	3,500	66	1.15	1.01	3.06	2.69
Drag	14 ft	0.130	8	200	800	88	0.44	0.05	0.61	0.07
Fertilizer buggy	30 ft	0.060	10	150	6,500	88	3.81	0.22	5.67	0.34
Fertilizer buggy (R)	30 ft	0.060	10	150	1	0	0.00	0.00	0.00	0.00
Field cultivator	24 ft	0.062	10	100	17,863	25	4.46	0.27	20.74	1.29
Field cultivator	32 ft	0.046	10	100	23,211	25	5.80	0.27	26.95	1.25
Grain cart	500 bu	0.288	12	200	14,594	65	3.95	1.13	7.62	2.19
Grain drill	12 ft	0.157	8	150	11,777	45	4.41	0.69	9.32	1.46
Grain drill	20 ft	0.094	8	150	26,494	45	9.93	0.93	20.97	1.97
Harrow	13Ft	0.119	10	200	770	70	0.26	0.03	0.44	0.05
Levee plow	8 Ft	0.050	10	150	4,600	50	1.53	0.07	4.01	0.20
PTO aerator	hour	1.000	10	426	2,600	25	0.15	0.15	0.79	0.79
Rotary mower	13.3 ft	0.130	10	150	7,747	44	2.27	0.29	6.76	0.87
Rotary mower-levees	6.7 ft	0.500	10	150	2,500	44	0.73	0.36	2.18	1.09
Side Mount Mower	6 ft	0.500	6	50	4,400	20	2.93	1.46	16.87	8.43
Spike harrow	18 ft	0.080	10	200	4,590	70	1.60	0.12	2.66	0.21
Tractor blade	6 ft	1.000	20	200	861	190	0.40	0.40	0.37	0.37
Water level	24 ft	0.149	15	100	3,500	66	1.54	0.23	3.55	0.53

Appendix Table 5. Other Durable Inputs: Estimated Repair Cost, Fuel Consumption Rate, Direct Cost per Unit of Measure, and Fixed Cost per Unit of Measure or per Acre, Louisiana, 2006.

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST	----FIXED COST----	
		COST	CONS		\$/U of M	\$/acre
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
10 Hp pw el (cf)	hour	0.005	0.575	0.056		23.11
10 Hp ss pdwl	hour	0.117	11.500	1.152		80.60
10Hp aerator-10	hour	0.024	11.500	1.059	0.448	46.21
10Hp aerator-10(d)	hour	0.024	1.150	2.554	0.448	46.21
10Hp aerator-10(d,r)	hour	0.024	1.150	2.554		
10Hp aerator-10(r)	hour	0.024	11.500	1.059		
Catf irrig	acin	0.137	15.525	1.534		25.59
Catf irrig (d)	acin	0.278	1.082	2.658		47.88
Catf irrig (d,r)	acin	0.106	1.082	2.486		
Catf irrig (r)	acin	0.059	15.525	1.456		
Catf pond&eq 6x10(r)	acre	14.846	0.000	14.846		13.98
Catf pond&equip 6x10	acre	14.846	0.000	14.846		205.95
Crawf irrig double	acin	0.298	2.227	5.197		34.59
Crawf irrig north LA	acin	0.356	0.668	1.825		16.68
Crawf irrig single	acin	0.525	2.227	5.424		34.59
Crawf pond&eq double	acre	1.060	0.000	1.060		58.09
Crawf pond&eq north	acre	11.587	0.000	11.587		125.78
Crawf pond&eq single	acre	7.498	0.000	7.498		118.06
Feeder truck	ton	4.061	1.200	6.941		52.22
Irrigation system 1	acre	3.750	53.970	122.484		38.96

Appendix Table 6. Definitions of Selected Line Items in the Crawfish and Catfish Production Budgets.

Item	Definition
Catf irrig	Irrigation system for catfish production, powered by electricity
Catf irrig (d)	Irrigation system for catfish production, powered by diesel
Catf pond&equip 6x10	Pond and equipment for catfish production assuming six 10-acre ponds
Crawf irrig double	Irrigation system for rice-crawfish double crop production in Southwest Louisiana
Crawf irrig north LA	Irrigation system for crawfish production in North Louisiana
Crawf irrig single	Irrigation system for single-crop crawfish production in Southwest Louisiana
Crawf pond&eq double	Pond and equipment for rice-crawfish double crop production in Southwest Louisiana
Crawf pond&eq north	Pond and equipment for crawfish production in North Louisiana
Crawf pond&eq single	Pond and equipment for single-crop crawfish production in Southwest Louisiana
Custom restk catfish	Custom restocking of catfish
Irrigation system1	Irrigation system for rice portion of rice-crawfish double-crop production in Southwest Louisiana
Self-Propelled Eq	Pickup truck
10Hp aerator-10	10 horsepower aerator, powered by electricity
10Hp aerator-10(d)	10 horsepower aerator, powered by diesel