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# **PROJECTED COSTS AND RETURNS FOR CRAWFISH AND CATFISH PRODUCTION IN LOUISIANA, 1997**

by

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# PROJECTED COSTS AND RETURNS FOR CRAWFISH AND CATFISH PRODUCTION IN LOUISIANA, 1997

by

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## INTRODUCTION

Aquaculture production enterprises, like other farm enterprises, require advanced planning to make production and marketing management decisions that are likely to result in profits. The purpose of this report is to provide production cost estimates for selected aquaculture enterprises to assist aquaculture producers in making production decisions and obtain 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 some guidelines whereby producers and others with an interest in aquaculture production costs can make cost estimates appropriate to their unique situation that will facilitate sound management decisions.

Data used in development of the budgets is a combination of information obtained directly from producers, Louisiana Cooperative Extension 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 size 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 five 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) Southwest Louisiana single crop ponds, 2) Southwest Louisiana rice-crawfish double crop, and 3) Northeast Louisiana single crop ponds. Budgets for two additional owner-operator situations using recirculating aerators are included to represent technology currently available: 1) Southwest Louisiana single crop ponds with gasoline recirculating aerators, and 2) Southwest Louisiana single crop ponds with electric recirculating aerators. Fixed costs for non-aerated systems were based on a 120 acre production unit consisting of six 20-acre ponds configured in two 60-acre units. Fixed costs for aerated systems were based on a 120 acre production unit consisting of six 20-acre ponds configured in three 40-acre units to facilitate servicing aerators and providing electrical service.

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Harvesting was assumed performed by one person using a power boat with 20 traps per acre. In Southwest Louisiana, harvesting was assumed to occur every other day during December through February and daily throughout the remainder of the season. In Northeast Louisiana, harvesting was assumed to occur daily throughout the season to accommodate retail marketing.

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 six situations to provide comparisons for tenure, fuel source and pond size. The six situations presented include: 1) owner-operator, electric power, 10-acre pond size, 2) owner-operator, diesel power, 10-acre pond size, 3) tenant-operator, electric power, 10-acre pond size, 4) tenant-operator, diesel power, 10-acre pond size, 5) owner-operator, electric power, 15-acre pond size, and 6) owner-operator, diesel power, 15-acre pond size. Fixed costs are based on a 60-acre production unit for all situations, i.e. four 15-acre or 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 were based on a series of simulations using the GROWCAT simulation model, accounting for temperature, mortality and fish growth rates. The four 15-acre pond and six 10-acre pond scenarios were each simulated for a seven-year period to obtain feed requirements, harvest dates and quantities. Budgets were then prepared to show the average annual costs and returns per water-acre.

## SUMMARY

Table 1 presents a summary comparison of projected costs and yields per acre for the five 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 six 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 six production situations and five 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, 1997.

Crop Description	Yield Per Acre	Direct Expenses	Fixed Expenses	Total Expenses
	Pounds	-----Dollars per Acre----		
<b>Crawfish Enterprises:</b>				
Northeast Louisiana Non-aerated, Owner <sup>b</sup>	600.00	237.80	123.64	361.44
Southwest Louisiana Non-aerated, Owner <sup>b</sup>	1200.00	303.62	132.32	435.94
Gasoline recirculating, Owner <sup>b</sup>	1200.00	358.94	178.06	537.00
Electric recirculating, Owner <sup>b</sup>	1200.00	343.29	175.58	518.87
Crawfish-Rice, Owner <sup>a, b, c</sup>	900+4200	538.26	121.46	659.72

<sup>a</sup> Income for rice was calculated by multiplying the market price of \$9.75 by actual yield.

<sup>b</sup> Land costs are not included.

<sup>c</sup> Yield includes 900 lbs of crawfish and 42 cwt of rice.

Table 2. Breakeven Selling Prices for Crawfish for Selected Yield Levels, Louisiana, 1997.

	Total Costs <sup>a</sup>	Total Variable Costs	Base Yield Level	Yield Level				
				-20	-10	Base	10	20
	---Dollar/Acre---		lb.	Price or Avg. Cost -----Dollars/Lb.-----				
<b>PRICES REQUIRED TO RECOVER TOTAL SPECIFIED COSTS</b>								
<b>Crawfish Enterprises:</b>								
Northeast Louisiana Non-aerated, Owner	361.44		600	.75	.67	.60	.55	.50
Southwest Louisiana Non-aerated, Owner	435.94		1200	.45	.40	.36	.33	.30
Gasoline recirculating, Owner	537.00		1200	.56	.50	.45	.41	.37
Electric recirculating, Owner	518.87		1200	.54	.48	.43	.39	.36
Crawfish-Rice, Owner <sup>b</sup>	254.05		900	.35	.31	.28	.26	.24
<b>PRICES REQUIRED TO RECOVER VARIABLE COSTS</b>								
<b>Crawfish Enterprises:</b>								
Northeast Louisiana Non-aerated, Owner		237.80	600	.49	.44	.40	.36	.33
Southwest Louisiana Non-aerated, Owner		303.62	1200	.32	.28	.25	.23	.21
Gasoline recirculating, Owner		358.94	1200	.37	.33	.30	.27	.25
Electric recirculating, Owner		343.29	1200	.36	.32	.29	.26	.24
Crawfish-Rice, Owner <sup>b</sup>		210.93	900	.29	.26	.23	.21	.20

<sup>a</sup> Land costs are not included.

<sup>b</sup> 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. A Summary of projected Costs and Returns per Acre for Catfish Production in Louisiana, 1997.

Crop Description	Yield	Total	Direct	Returns	Fixed	Total	Returns
	Per Acre	Income	Expenses	Over Direct	Expenses	Expenses	Over Total
	Cwt.			Expenses			Expenses
				Dollars per Acre			
Catfish Enterprises:							
Six 10 acre ponds, Elec Pwr, Owner <sup>a</sup>	52.80	4012.80	2841.65	1171.15	362.37	3204.02	808.78
Six 10 acre ponds, Diesel Pwr, Owner <sup>a</sup>	52.80	4012.80	2875.82	1136.98	382.64	3258.46	754.34
Six 10 acre ponds, Elec Pwr, Tenant <sup>b</sup>	52.80	4012.80	3110.35	902.45	122.60	3232.95	779.85
Six 10 acre ponds, Diesel Pwr, Tenant <sup>b</sup>	52.80	4012.80	3153.49	859.31	122.60	3276.09	736.71
Four 15 acre ponds, Elec Pwr, Owner <sup>a</sup>	52.80	4012.80	2815.33	1197.47	321.60	3136.93	875.87
Four 15 acre ponds, Diesel Pwr, Owner <sup>a</sup>	52.80	4012.80	2848.04	1164.76	341.87	3189.91	822.89

<sup>a</sup> Land costs are not included for owner-operator.

<sup>b</sup> Rental arrangements consist of a yearly fee of \$250 per acre for electric powered units and \$265 per acre for diesel powered units. This arrangement specifies that the landlord provides most fixed equipment items.

Table 4. Breakeven Selling Prices for Catfish for Selected Yield Levels, Louisiana, 1997.

	Total	Total	Base	Yield Level				
	Costs	Variable Costs	Yield Level	-20	-10	Base	10	20
	---Dollar/Acre---		cwt.	Price or Avg. Cost				
				Dollars/Cwt. -----				
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED COSTS								
Catfish Enterprises:								
Six 10 acre ponds, Elec Pwr, Owner <sup>a</sup>	3204.02		52.8	75.85	67.42	60.68	55.17	50.57
Six 10 acre ponds, Diesel Pwr, Owner <sup>a</sup>	3258.46		52.8	77.14	68.57	61.71	56.10	51.43
Six 10 acre ponds, Elec Pwr, Tenant <sup>b</sup>	3232.95		52.8	76.54	68.03	61.23	55.66	51.03
Six 10 acre ponds, Diesel Pwr, Tenant <sup>b</sup>	3276.09		52.8	77.56	68.94	62.05	56.41	51.71
Four 15 acre ponds, Elec Pwr, Owner <sup>a</sup>	3136.93		52.8	74.26	66.01	59.41	54.01	49.51
Four 15 acre ponds, Diesel Pwr, Owner <sup>a</sup>	3189.91		52.8	75.52	67.13	60.41	54.92	50.35
PRICES REQUIRED TO RECOVER VARIABLE COSTS								
Six 10 acre ponds, Elec Pwr, Owner <sup>a</sup>		2841.65	52.8	67.27	59.80	53.82	48.93	44.85
Six 10 acre ponds, Diesel Pwr, Owner <sup>a</sup>		2875.82	52.8	68.08	60.52	54.47	49.52	45.39
Six 10 acre ponds, Elec Pwr, Tenant <sup>b</sup>		3110.35	52.8	73.63	65.45	58.91	53.55	49.09
Six 10 acre ponds, Diesel Pwr, Tenant <sup>b</sup>		3153.49	52.8	74.66	66.36	59.73	54.30	49.77
Four 15 acre ponds, Elec Pwr, Owner <sup>a</sup>		2815.33	52.8	66.65	59.24	53.32	48.47	44.43
Four 15 acre ponds, Diesel Pwr, Owner <sup>a</sup>		2848.04	52.8	67.42	59.93	53.94	49.04	44.95

<sup>a</sup> Land costs are not included for owner-operator.

<sup>b</sup> Rental arrangements consist of a yearly fee of \$250 per acre for electric powered units and \$265 per acre for diesel powered units. This arrangement specifies that the landlord provides most fixed equipment items.

Table 5.A Estimated costs and returns per acre,  
Single crop crawfish, Owner-Operators,  
North Louisiana, 1997.

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>DIRECT EXPENSES</b>					
<b>BAIT</b>					
CF bait - manufac	lbs	0.17	330.0000	56.10	_____
<b>FERTILIZER</b>					
Nitrogen	lbs	0.26	51.0000	13.26	_____
Phosphate	lbs	0.21	51.0000	10.71	_____
Potash	lbs	0.12	51.0000	6.12	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	1.5000	11.25	_____
<b>OTHER</b>					
Hip Boots	pair	60.00	0.0083	0.50	_____
Sacks	each	0.40	15.0260	6.01	_____
<b>SEED</b>					
Rice seed	lbs	0.19	100.0000	18.50	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	0.6001	4.50	_____
Self-Propelled Eq.	hour	7.50	7.2600	54.45	_____
<b>IRRIGATION LABOR</b>					
IRR CF North	hour	7.50	0.1200	0.90	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	3.2549	2.77	_____
IRR CF North	gal	0.85	17.0009	14.45	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	1.9800	2.38	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.96	1.0000	1.96	_____
Tractors	acre	2.91	1.0000	2.91	_____
Self-Propelled Eq.	acre	1.56	1.0000	1.56	_____
IRR CF North	acre	7.77	1.0000	7.77	_____
P&E CF North	acre	10.24	1.0000	10.24	_____
INTEREST ON OP. CAP.	acre	11.47	1.0000	11.47	_____
<b>TOTAL DIRECT EXPENSES</b>				237.80	_____
<b>FIXED EXPENSES</b>					
Implements	acre	3.04	1.0000	3.04	_____
Tractors	acre	3.97	1.0000	3.97	_____
Self-Propelled Eq.	acre	4.89	1.0000	4.89	_____
IRR CF North	acre	15.17	1.0000	15.17	_____
P&E CF North	acre	96.57	1.0000	96.57	_____
<b>TOTAL FIXED EXPENSES</b>				123.64	_____
<b>TOTAL SPECIFIED EXPENSES</b>				361.44	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land ( oppor. cost )	acre	45.00	1.0000	45.00	_____



Table 6.A Estimated costs and returns per acre,  
Single crop crawfish, Owner-Operators,  
Southwest Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
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		_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Airplane seed	cwt	4.40	1.4000	6.16	_____
Airplane Fert	cwt	3.95	0.7500	2.96	_____
<b>BAIT</b>					
CF bait - fish	lbs	0.20	225.0000	45.00	_____
CF bait - manufac	lbs	0.17	245.0000	41.65	_____
<b>FERTILIZER</b>					
Urea (45%)	lbs	0.12	75.0000	9.00	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	1.8500	13.88	_____
<b>OTHER</b>					
Hip Boots	pair	60.00	0.0083	0.50	_____
Sacks	each	0.40	29.1220	11.65	_____
<b>SEED</b>					
Rice seed	lbs	0.19	140.0000	25.90	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	0.4241	3.18	_____
Self-Propelled Eq.	hour	7.50	8.1580	61.19	_____
<b>IRRIGATION LABOR</b>					
IRR CF Single	hour	7.50	0.1650	1.24	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	2.1209	1.80	_____
IRR CF Single	gal	0.85	38.3111	32.56	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	3.1225	3.75	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.24	1.0000	1.24	_____
Tractors	acre	1.90	1.0000	1.90	_____
Self-Propelled Eq.	acre	2.35	1.0000	2.35	_____
IRR CF Single	acre	15.75	1.0000	15.75	_____
P&E CF Single	acre	6.52	1.0000	6.52	_____
INTEREST ON OP. CAP.	acre	15.45	1.0000	15.45	_____
<b>TOTAL DIRECT EXPENSES</b>				303.62	_____
<b>FIXED EXPENSES</b>					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	2.52	1.0000	2.52	_____
Self-Propelled Eq.	acre	6.85	1.0000	6.85	_____
IRR CF Single	acre	31.44	1.0000	31.44	_____
P&E CF Single	acre	89.55	1.0000	89.55	_____
<b>TOTAL FIXED EXPENSES</b>				132.32	_____
<b>TOTAL SPECIFIED EXPENSES</b>				435.94	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land ( oppor. cost)	acre	45.00	1.0000	45.00	_____

Table 7.A Estimated costs and returns per acre,  
 Recirculating single crop crawfish, Owner-Operators,  
 Gasoline powered aerator, Southwest Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
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		_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Airplane seed	cwt	4.40	1.4000	6.16	_____
Airplane Fert	cwt	3.95	0.7500	2.96	_____
<b>BAIT</b>					
CF bait - fish	lbs	0.20	225.0000	45.00	_____
CF bait - manufac	lbs	0.17	245.0000	41.65	_____
<b>FERTILIZER</b>					
Urea (45%)	lbs	0.12	75.0000	9.00	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	1.8500	13.88	_____
<b>OTHER</b>					
Hip Boots	pair	60.00	0.0083	0.50	_____
Sacks	each	0.40	29.1220	11.65	_____
<b>SEED</b>					
Rice seed	lbs	0.19	140.0000	25.90	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	0.4241	3.18	_____
Self-Propelled Eq.	hour	7.50	12.2920	92.19	_____
8 HP PW CF(gasoline)	hour	7.50	2.0625	15.47	_____
<b>IRRIGATION LABOR</b>					
IRR CF Single	hour	7.50	0.1125	0.84	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	2.1209	1.80	_____
IRR CF Single	gal	0.85	26.1212	22.20	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	13.4575	16.15	_____
8 HP PW CF(gasoline)	gal	1.20	1.0313	1.24	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.24	1.0000	1.24	_____
Tractors	acre	1.90	1.0000	1.90	_____
Self-Propelled Eq.	acre	9.33	1.0000	9.33	_____
IRR CF Single	acre	10.74	1.0000	10.74	_____
8 HP PW CF(gasoline)	acre	0.80	1.0000	0.80	_____
CF P&E (recirculate)	acre	7.07	1.0000	7.07	_____
INTEREST ON OP. CAP.	acre	18.10	1.0000	18.10	_____
<b>TOTAL DIRECT EXPENSES</b>				358.94	_____
<b>FIXED EXPENSES</b>					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	2.52	1.0000	2.52	_____
Self-Propelled Eq.	acre	23.53	1.0000	23.53	_____
IRR CF Single	acre	31.44	1.0000	31.44	_____
8 HP PW CF(gasoline)	acre	23.48	1.0000	23.48	_____
CF P&E (recirculate)	acre	95.13	1.0000	95.13	_____
<b>TOTAL FIXED EXPENSES</b>				178.06	_____
<b>TOTAL SPECIFIED EXPENSES</b>				537.00	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land ( oppor. cost )	acre	45.00	1.0000	45.00	_____

Table 8.A Estimated costs and returns per acre,  
 Recirculating single crop crawfish, Owner-Operators,  
 Electric powered aerator, Southwest Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
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		_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Airplane seed	cwt	4.40	1.4000	6.16	_____
Airplane Fert	cwt	3.95	0.7500	2.96	_____
<b>BAIT</b>					
CF bait - fish	lbs	0.20	225.0000	45.00	_____
CF bait - manufac	lbs	0.17	245.0000	41.65	_____
<b>FERTILIZER</b>					
Urea (45%)	lbs	0.12	75.0000	9.00	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	1.8500	13.88	_____
<b>OTHER</b>					
Hip Boots	pair	60.00	0.0083	0.50	_____
Sacks	each	0.40	29.1220	11.65	_____
<b>SEED</b>					
Rice seed	lbs	0.19	140.0000	25.90	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	0.4241	3.18	_____
Self-Propelled Eq.	hour	7.50	12.2920	92.19	_____
<b>IRRIGATION LABOR</b>					
IRR CF Single	hour	7.50	0.1125	0.84	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	2.1209	1.80	_____
IRR CF Single	gal	0.85	26.1212	22.20	_____
<b>ELECTRICITY</b>					
10 HP PW EL (CF)	kWh	0.05	47.4375	2.13	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	13.4575	16.15	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.24	1.0000	1.24	_____
Tractors	acre	1.90	1.0000	1.90	_____
Self-Propelled Eq.	acre	9.33	1.0000	9.33	_____
IRR CF Single	acre	10.74	1.0000	10.74	_____
CF P&E (recirculate)	acre	7.07	1.0000	7.07	_____
10 HP PW EL (CF)	acre	0.42	1.0000	0.42	_____
INTEREST ON OP. CAP.	acre	17.40	1.0000	17.40	_____
<b>TOTAL DIRECT EXPENSES</b>				343.29	_____
<b>FIXED EXPENSES</b>					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	2.52	1.0000	2.52	_____
Self-Propelled Eq.	acre	23.53	1.0000	23.53	_____
IRR CF Single	acre	31.44	1.0000	31.44	_____
CF P&E (recirculate)	acre	95.13	1.0000	95.13	_____
10 HP PW EL (CF)	acre	21.00	1.0000	21.00	_____
<b>TOTAL FIXED EXPENSES</b>				175.58	_____
<b>TOTAL SPECIFIED EXPENSES</b>				518.87	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land ( oppor. cost )	acre	45.00	1.0000	45.00	_____

Table 9.A Estimated costs and returns per acre,  
Rice-Crawfish double crop, Owner-Operators,  
Southwest Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Rice	cwt	9.75	42.0000	409.50	_____
Rice Checkoff	cwt	0.06	-42.0000	-2.52	_____
Crawfish (December)	lbs		65.0000		_____
Crawfish (January)	lbs		105.0000		_____
Crawfish (February)	lbs		200.0000		_____
Crawfish (March)	lbs		240.0000		_____
Crawfish (April)	lbs		290.0000		_____
<b>TOTAL INCOME</b>				<b>406.98</b>	_____
<b>DIRECT EXPENSES</b>					
<b>CUSTOM</b>					
Airplane Fert	cwt	3.95	4.4000	17.38	_____
Airplane seed	cwt	4.40	1.4000	6.16	_____
Airplane Stam	acre	4.85	2.0000	9.70	_____
Drying Rice	cwt	0.95	47.1900	44.83	_____
Storage Rice	cwt	0.40	42.0000	16.80	_____
<b>BAIT</b>					
CF bait - fish	lbs	0.20	168.7500	33.75	_____
CF bait - manufac	lbs	0.17	93.7500	15.94	_____
<b>FERTILIZER</b>					
Nitrogen	lbs	0.26	120.0000	31.20	_____
Phosphate	lbs	0.21	51.0000	10.71	_____
Potash	lbs	0.12	51.0000	6.12	_____
<b>HERBICIDES</b>					
Stam M4	qt	4.76	6.0000	28.56	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	2.8900	21.68	_____
<b>OTHER</b>					
Seed Crawfish	lbs	0.50	60.0000	30.00	_____
Hip Boots	pair	60.00	0.0083	0.50	_____
Sacks	each	0.40	19.8700	7.95	_____
<b>SEED</b>					
Rice seed	lbs	0.19	140.0000	25.90	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	1.8552	13.91	_____
Self-Propelled Eq.	hour	7.50	6.4550	48.41	_____
<b>IRRIGATION LABOR</b>					
IRR CF Double	hour	7.50	0.3000	2.25	_____
<b>OWNER LABOR</b>					
Self-Propelled Eq.	hour	12.00	0.4180	5.02	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	10.2844	8.74	_____
Self-Propelled Eq.	gal	0.85	2.6980	2.29	_____
IRR CF Double	gal	0.85	69.6566	59.21	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	4.2250	5.07	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	3.58	1.0000	3.58	_____
Tractors	acre	9.83	1.0000	9.83	_____
Self-Propelled Eq.	acre	20.61	1.0000	20.61	_____
IRR CF Double	acre	16.29	1.0000	16.29	_____
P&E CF Double	acre	0.67	1.0000	0.67	_____
INTEREST ON OP. CAP.	acre	35.21	1.0000	35.21	_____
<b>TOTAL DIRECT EXPENSES</b>				<b>538.26</b>	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				<b>-131.28</b>	_____
<b>FIXED EXPENSES</b>					
Implements	acre	6.35	1.0000	6.35	_____
Tractors	acre	13.85	1.0000	13.85	_____
Self-Propelled Eq.	acre	33.29	1.0000	33.29	_____
IRR CF Double	acre	31.44	1.0000	31.44	_____
P&E CF Double	acre	36.53	1.0000	36.53	_____
<b>TOTAL FIXED EXPENSES</b>				<b>121.46</b>	_____
<b>TOTAL SPECIFIED EXPENSES</b>				<b>659.72</b>	_____
<b>RICE RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				<b>-252.74</b>	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
<b>RICE RESIDUAL RETURNS</b>				<b>-317.22</b>	_____
Land (oppor. cost)	acre	45.00	1.0000	45.00	_____
<b>RICE RESIDUAL RETURNS</b>				<b>-362.22</b>	_____

Table 10.A Estimated costs and returns per acre,  
Catfish, owner-operator,  
10 acre ponds, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Catfish	cwt	76.00	52.8000	4012.80	_____
TOTAL INCOME				4012.80	_____
DIRECT EXPENSES					
CUSTOM					
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	4.5200	113.00	_____
FEED					
Catfish Feed	ton	265.00	4.7260	1252.39	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
HERBICIDES					
Spring Chemicals	lbs	0.75	18.0000	13.50	_____
Fall chemicals	lbs	1.38	8.8200	12.17	_____
HIRED LABOR					
Other labor	hour	7.50	20.2000	151.50	_____
OTHER					
Propane	tank	7.00	0.3000	2.10	_____
Shotgun Shells	box	3.00	1.5000	4.50	_____
Fingerlings	thou	100.00	4.5200	452.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.1172	8.38	_____
Self-Propelled Eq.	hour	7.50	2.2267	16.70	_____
10HP Aerator-10	hour	7.50	7.4000	55.50	_____
Feeder Truck	hour	7.50	1.0000	7.50	_____
IRRIGATION LABOR					
Catfish Irr	hour	7.50	0.4200	3.15	_____
DIESEL FUEL					
Tractors	gal	0.85	36.3384	30.89	_____
ELECTRICITY					
10HP Aerator-10	kWh	0.05	85.1000	3.83	_____
Catfish Irr	kWh	0.05	1304.1000	58.68	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	5.6540	6.78	_____
Feeder Truck	gal	1.20	6.0000	7.20	_____
REPAIR & MAINTENANCE					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	34.03	1.0000	34.03	_____
Self-Propelled Eq.	acre	7.72	1.0000	7.72	_____
10HP Aerator-10	acre	1.68	1.0000	1.68	_____
Feeder Truck	acre	18.46	1.0000	18.46	_____
Catfish P&E 6x10	acre	13.49	1.0000	13.49	_____
Catfish Irr	acre	10.53	1.0000	10.53	_____
INTEREST ON OP. CAP.	acre	133.38	1.0000	133.38	_____
TOTAL DIRECT EXPENSES				2841.65	_____
RETURNS ABOVE DIRECT EXPENSES				1171.15	_____
FIXED EXPENSES					
Implements	acre	10.15	1.0000	10.15	_____
Tractors	acre	36.08	1.0000	36.08	_____
Self-Propelled Eq.	acre	16.18	1.0000	16.18	_____
10HP Aerator-10	acre	42.00	1.0000	42.00	_____
Feeder Truck	acre	47.47	1.0000	47.47	_____
Catfish P&E 6x10	acre	187.22	1.0000	187.22	_____
Catfish Irr	acre	23.26	1.0000	23.26	_____
TOTAL FIXED EXPENSES				362.37	_____
TOTAL SPECIFIED EXPENSES				3204.02	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				808.78	_____
ALLOCATED COST ITEMS					
Overhead-owner pond	acre	77.38	1.0000	77.38	_____
RESIDUAL RETURNS				731.40	_____

Table 11.A Estimated costs and returns per acre,  
Catfish, owner-operator,  
10 acre ponds with generator, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	76.00	52.8000	4012.80	_____
<b>TOTAL INCOME</b>				4012.80	_____
<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	4.5200	113.00	_____
<b>FEED</b>					
Catfish Feed	ton	265.00	4.7260	1252.39	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring Chemicals	lbs	0.75	18.0000	13.50	_____
Fall chemicals	lbs	1.38	8.8200	12.17	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	20.2000	151.50	_____
<b>OTHER</b>					
Propane	tank	7.00	0.3000	2.10	_____
Shotgun Shells	box	3.00	1.5000	4.50	_____
Fingerlings	thou	100.00	4.5200	452.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	1.1172	8.38	_____
Self-Propelled Eq.	hour	7.50	2.2267	16.70	_____
10HP Aerator-10(D)	hour	7.50	7.4000	55.50	_____
Feeder Truck	hour	7.50	1.0000	7.50	_____
<b>IRRIGATION LABOR</b>					
Catfish Irr (D)	hour	7.50	0.4200	3.15	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	36.3384	30.89	_____
10HP Aerator-10(D)	gal	0.85	8.1400	6.92	_____
Catfish Irr (D)	gal	0.85	90.9077	77.27	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	5.6540	6.78	_____
Feeder Truck	gal	1.20	6.0000	7.20	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	34.03	1.0000	34.03	_____
Self-Propelled Eq.	acre	7.72	1.0000	7.72	_____
10HP Aerator-10(D)	acre	1.68	1.0000	1.68	_____
Feeder Truck	acre	18.46	1.0000	18.46	_____
Catfish P&E 6x10	acre	13.49	1.0000	13.49	_____
Catfish Irr (D)	acre	21.28	1.0000	21.28	_____
<b>INTEREST ON OP. CAP.</b>	acre	135.11	1.0000	135.11	_____
<b>TOTAL DIRECT EXPENSES</b>				2875.82	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				1136.98	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.15	1.0000	10.15	_____
Tractors	acre	36.08	1.0000	36.08	_____
Self-Propelled Eq.	acre	16.18	1.0000	16.18	_____
10HP Aerator-10(D)	acre	42.00	1.0000	42.00	_____
Feeder Truck	acre	47.47	1.0000	47.47	_____
Catfish P&E 6x10	acre	187.22	1.0000	187.22	_____
Catfish Irr (D)	acre	43.53	1.0000	43.53	_____
<b>TOTAL FIXED EXPENSES</b>				382.64	_____
<b>TOTAL SPECIFIED EXPENSES</b>				3258.45	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				754.35	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead-owner pond	acre	77.38	1.0000	77.38	_____
<b>RESIDUAL RETURNS</b>				676.97	_____

Table 12.A Estimated costs and returns per acre,  
Catfish, tenant-operator,  
10 acre ponds, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	76.00	52.8000	4012.80	_____
<b>TOTAL INCOME</b>				4012.80	_____
<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	4.5200	113.00	_____
<b>FEED</b>					
Catfish Feed	ton	265.00	4.7260	1252.39	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring Chemicals	lbs	0.75	18.0000	13.50	_____
Fall chemicals	lbs	1.38	8.8200	12.17	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	20.2000	151.50	_____
<b>OTHER</b>					
Rent (catfish elec)	acre	250.00	1.0000	250.00	_____
Propane	tank	7.00	0.3000	2.10	_____
Shotgun Shells	box	3.00	1.5000	4.50	_____
Fingerlings	thou	100.00	4.5200	452.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	1.1172	8.38	_____
Self-Propelled Eq.	hour	7.50	2.2267	16.70	_____
Feeder Truck	hour	7.50	1.0000	7.50	_____
10HP Aerator-10(R)	hour	7.50	7.4000	55.50	_____
<b>IRRIGATION LABOR</b>					
Catfish irr (R)	hour	7.50	0.4200	3.15	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	36.3384	30.89	_____
<b>ELECTRICITY</b>					
Catfish irr (R)	kWh	0.05	1304.1000	58.68	_____
10HP Aerator-10(R)	kWh	0.05	85.1000	3.83	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	5.6540	6.78	_____
Feeder Truck	gal	1.20	6.0000	7.20	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	34.03	1.0000	34.03	_____
Self-Propelled Eq.	acre	7.72	1.0000	7.72	_____
Catfish irr (R)	acre	4.55	1.0000	4.55	_____
Catfish P&E 6x10 (R)	acre	13.49	1.0000	13.49	_____
Feeder Truck	acre	18.46	1.0000	18.46	_____
10HP Aerator-10(R)	acre	1.68	1.0000	1.68	_____
<b>INTEREST ON OP. CAP.</b>	acre	158.05	1.0000	158.05	_____
<b>TOTAL DIRECT EXPENSES</b>				3110.35	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				902.45	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.15	1.0000	10.15	_____
Tractors	acre	36.08	1.0000	36.08	_____
Self-Propelled Eq.	acre	16.18	1.0000	16.18	_____
Catfish P&E 6x10 (R)	acre	12.71	1.0000	12.71	_____
Feeder Truck	acre	47.47	1.0000	47.47	_____
<b>TOTAL FIXED EXPENSES</b>				122.60	_____
<b>TOTAL SPECIFIED EXPENSES</b>				3232.95	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				779.85	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead-tenant pond	acre	64.15	1.0000	64.15	_____
<b>RESIDUAL RETURNS</b>				715.70	_____

Table 13.A Estimated costs and returns per acre,  
 Catfish, tenant-operator,  
 10 acre ponds with generator, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	76.00	52.8000	4012.80	_____
<b>TOTAL INCOME</b>				4012.80	_____
<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	4.5200	113.00	_____
<b>FEED</b>					
Catfish Feed	ton	265.00	4.7260	1252.39	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring Chemicals	lbs	0.75	18.0000	13.50	_____
Fall chemicals	lbs	1.38	8.8200	12.17	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	20.2000	151.50	_____
<b>OTHER</b>					
Rent (catfish dies)	acre	265.00	1.0000	265.00	_____
Propane	tank	7.00	0.3000	2.10	_____
Shotgun Shells	box	3.00	1.5000	4.50	_____
Fingerlings	thou	100.00	4.5200	452.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	1.1172	8.38	_____
Self-Propelled Eq.	hour	7.50	2.2267	16.70	_____
Feeder Truck	hour	7.50	1.0000	7.50	_____
10HP Aerator-10(D,R)	hour	7.50	7.4000	55.50	_____
<b>IRRIGATION LABOR</b>					
Catfish Irr (D,R)	hour	7.50	0.4200	3.15	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	36.3384	30.89	_____
Catfish Irr (D,R)	gal	0.85	90.9077	77.27	_____
10HP Aerator-10(D,R)	gal	0.85	8.1400	6.92	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	5.6540	6.78	_____
Feeder Truck	gal	1.20	6.0000	7.20	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.95	1.0000	1.95	_____
Tractors	acre	34.03	1.0000	34.03	_____
Self-Propelled Eq.	acre	7.72	1.0000	7.72	_____
Catfish P&E 6x10 (R)	acre	13.49	1.0000	13.49	_____
Feeder Truck	acre	18.46	1.0000	18.46	_____
Catfish Irr (D,R)	acre	8.17	1.0000	8.17	_____
10HP Aerator-10(D,R)	acre	1.68	1.0000	1.68	_____
<b>INTEREST ON OP. CAP.</b>	acre	160.90	1.0000	160.90	_____
<b>TOTAL DIRECT EXPENSES</b>				3153.49	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				859.31	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.15	1.0000	10.15	_____
Tractors	acre	36.08	1.0000	36.08	_____
Self-Propelled Eq.	acre	16.18	1.0000	16.18	_____
Catfish P&E 6x10 (R)	acre	12.71	1.0000	12.71	_____
Feeder Truck	acre	47.47	1.0000	47.47	_____
<b>TOTAL FIXED EXPENSES</b>				122.60	_____
<b>TOTAL SPECIFIED EXPENSES</b>				3276.09	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				736.71	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead-tenant pond	acre	64.15	1.0000	64.15	_____
<b>RESIDUAL RETURNS</b>				672.56	_____



Table 14.A Estimated costs and returns per acre,  
Catfish, owner-operator,  
15 acre ponds, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	76.00	52.8000	4012.80	_____
<b>TOTAL INCOME</b>				4012.80	_____
<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	4.5200	113.00	_____
<b>FEED</b>					
Catfish Feed	ton	265.00	4.7260	1252.39	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring Chemicals	lbs	0.75	18.0000	13.50	_____
Fall chemicals	lbs	1.38	8.8200	12.17	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	20.1340	151.01	_____
<b>OTHER</b>					
Propane	tank	7.00	0.3000	2.10	_____
Shotgun Shells	box	3.00	1.5000	4.50	_____
Fingerlings	thou	100.00	4.5200	452.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	0.9872	7.40	_____
Self-Propelled Eq.	hour	7.50	2.2267	16.70	_____
Feeder Truck	hour	7.50	1.0000	7.50	_____
10HP Aerator-15	hour	7.50	6.1000	45.75	_____
<b>IRRIGATION LABOR</b>					
Catfish Irr	hour	7.50	0.4200	3.15	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	30.8784	26.25	_____
<b>ELECTRICITY</b>					
Catfish Irr	kWh	0.05	1304.1000	58.68	_____
10HP Aerator-15	kWh	0.05	46.7667	2.10	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	5.6540	6.78	_____
Feeder Truck	gal	1.20	6.0000	7.20	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.76	1.0000	1.76	_____
Tractors	acre	28.92	1.0000	28.92	_____
Self-Propelled Eq.	acre	7.72	1.0000	7.72	_____
Feeder Truck	acre	18.46	1.0000	18.46	_____
Catfish P&E 4x15	acre	12.03	1.0000	12.03	_____
Catfish Irr	acre	10.53	1.0000	10.53	_____
10HP Aerator-15	acre	0.74	1.0000	0.74	_____
INTEREST ON OP. CAP.	acre	132.36	1.0000	132.36	_____
<b>TOTAL DIRECT EXPENSES</b>				2815.33	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				1197.47	_____
<b>FIXED EXPENSES</b>					
Implements	acre	9.16	1.0000	9.16	_____
Tractors	acre	30.66	1.0000	30.66	_____
Self-Propelled Eq.	acre	16.18	1.0000	16.18	_____
Feeder Truck	acre	47.47	1.0000	47.47	_____
Catfish P&E 4x15	acre	166.87	1.0000	166.87	_____
Catfish Irr	acre	23.26	1.0000	23.26	_____
10HP Aerator-15	acre	28.00	1.0000	28.00	_____
<b>TOTAL FIXED EXPENSES</b>				321.60	_____
<b>TOTAL SPECIFIED EXPENSES</b>				3136.93	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				875.87	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead-owner pond	acre	77.38	1.0000	77.38	_____
<b>RESIDUAL RETURNS</b>				798.49	_____

Table 15.A Estimated costs and returns per acre,  
Catfish, owner-operator,  
15 acre ponds with generator, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Catfish	cwt	76.00	52.8000	4012.80	_____
<b>TOTAL INCOME</b>				4012.80	_____
<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	4.5200	113.00	_____
<b>FEED</b>					
Catfish Feed	ton	265.00	4.7260	1252.39	_____
Medicated feed	ton	495.00	0.2740	135.63	_____
<b>HERBICIDES</b>					
Spring Chemicals	lbs	0.75	18.0000	13.50	_____
Fall chemicals	lbs	1.38	8.8200	12.17	_____
<b>HIRED LABOR</b>					
Other labor	hour	7.50	20.1340	151.01	_____
<b>OTHER</b>					
Propane	tank	7.00	0.3000	2.10	_____
Shotgun Shells	box	3.00	1.5000	4.50	_____
Fingerlings	thou	100.00	4.5200	452.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.50	0.9872	7.40	_____
Self-Propelled Eq.	hour	7.50	2.2267	16.70	_____
Feeder Truck	hour	7.50	1.0000	7.50	_____
10HP Aerator-15(D)	hour	7.50	6.1000	45.75	_____
<b>IRRIGATION LABOR</b>					
Catfish Irr (D)	hour	7.50	0.4200	3.15	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.85	30.8784	26.25	_____
Catfish Irr (D)	gal	0.85	90.9077	77.27	_____
10HP Aerator-15(D)	gal	0.85	4.4733	3.80	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.20	5.6540	6.78	_____
Feeder Truck	gal	1.20	6.0000	7.20	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	1.76	1.0000	1.76	_____
Tractors	acre	28.92	1.0000	28.92	_____
Self-Propelled Eq.	acre	7.72	1.0000	7.72	_____
Feeder Truck	acre	18.46	1.0000	18.46	_____
Catfish P&E 4x15	acre	12.03	1.0000	12.03	_____
Catfish Irr (D)	acre	21.28	1.0000	21.28	_____
10HP Aerator-15(D)	acre	0.74	1.0000	0.74	_____
<b>INTEREST ON OP. CAP.</b>	acre	134.02	1.0000	134.02	_____
<b>TOTAL DIRECT EXPENSES</b>				2848.04	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				1164.76	_____
<b>FIXED EXPENSES</b>					
Implements	acre	9.16	1.0000	9.16	_____
Tractors	acre	30.66	1.0000	30.66	_____
Self-Propelled Eq.	acre	16.18	1.0000	16.18	_____
Feeder Truck	acre	47.47	1.0000	47.47	_____
Catfish P&E 4x15	acre	166.87	1.0000	166.87	_____
Catfish Irr (D)	acre	43.53	1.0000	43.53	_____
10HP Aerator-15(D)	acre	28.00	1.0000	28.00	_____
<b>TOTAL FIXED EXPENSES</b>				341.87	_____
<b>TOTAL SPECIFIED EXPENSES</b>				3189.91	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				822.89	_____
<b>ALLOCATED COST ITEMS</b>					
Overhead-owner pond	acre	77.38	1.0000	77.38	_____
<b>RESIDUAL RETURNS</b>				745.51	_____

Table 5.B Estimated resource use and costs per acre for field operations,  
Single crop crawfish, Owner-Operators, North Louisiana, 1997.

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				
P&E CF North	acre			1.00	Jul			10.24	96.57			1.0000				106.81
Disk	20 ft	143	0.100	2.00	Jul	2.76	2.05	1.10	1.57	0.220	1.65					9.13
Fertilizer buggy	30 ft	93	0.060	1.00	Jul	0.59	0.42	0.19	0.28	0.066	0.50					1.97
Nitrogen	lbs											51.0000	0.26	13.26		13.26
Phosphate	lbs											51.0000	0.21	10.71		10.71
Potash	lbs											51.0000	0.12	6.12		6.12
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jul	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Grain drill	20 ft	143	0.100	1.00	Jul	1.38	1.02	0.53	0.81	0.110	0.83					4.57
Rice seed	lbs											100.0000	0.19	18.50		18.50
Rotary mower-levees	6.7 ft	43	0.500	0.05	Aug	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Rotary mower-levees	6.7 ft	43	0.500	0.05	Sep	0.13	0.07	0.02	0.06	0.029	0.22					0.50
IRR CF North	acin			1.00	Oct			5.56	15.17	0.030	0.23	6.0000				20.95
Hip Boots	pair											0.0083	60.00	0.50		0.50
Other labor	hour											0.5000	7.50	3.75		3.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Oct	0.13	0.07	0.02	0.06	0.029	0.22					0.50
IRR CF North	acin			1.00	Nov			5.56		0.030	0.23	6.0000				5.78
Other labor	hour											0.1000	7.50	0.75		0.75
IRR CF North	acin			1.00	Dec			1.85		0.010	0.08	2.0000				1.93
Other labor	hour											0.1000	7.50	0.75		0.75
IRR CF North	acin			1.00	Jan			0.93		0.005	0.04	1.0000				0.96
Other labor	hour											0.1000	7.50	0.75		0.75
IRR CF North	acin			1.00	Feb			2.78		0.015	0.11	3.0000				2.89
Other labor	hour											0.1000	7.50	0.75		0.75
Crawfish combine	12 hp		0.075	26.00	Mar			1.16	1.45	2.145	16.09					18.70
CF bait - manufac	lbs											97.5000	0.17	16.58		16.58
Sacks	each											1.5080	0.40	0.60		0.60
IRR CF North	acin			1.00	Mar			0.93		0.005	0.04	1.0000				0.96
Other labor	hour											0.1000	7.50	0.75		0.75
Crawfish combine	12 hp		0.075	24.00	Apr			1.07	1.33	1.980	14.85					17.26
CF bait - manufac	lbs											90.0000	0.17	15.30		15.30
Sacks	each											5.2560	0.40	2.10		2.10
IRR CF North	acin			1.00	Apr			0.93		0.005	0.04	1.0000				0.96
Other labor	hour											0.1000	7.50	0.75		0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Apr	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Crawfish combine	12 hp		0.075	26.00	May			1.16	1.45	2.145	16.09					18.70
CF bait - manufac	lbs											97.5000	0.17	16.58		16.58
Sacks	each											6.0060	0.40	2.40		2.40
IRR CF North	acin			1.00	May			1.85		0.010	0.08	2.0000				1.93
Other labor	hour											0.1000	7.50	0.75		0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	May	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Crawfish combine	12 hp		0.075	12.00	Jun			0.54	0.67	0.990	7.43					8.63
CF bait - manufac	lbs											45.0000	0.17	7.65		7.65
Sacks	each											2.2560	0.40	0.90		0.90
IRR CF North	acin			1.00	Jun			1.85		0.010	0.08	2.0000				1.93
Other labor	hour											0.3000	7.50	2.25		2.25
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jun	0.13	0.07	0.02	0.06	0.029	0.22					0.50
TOTALS						5.67	3.97	38.36	119.67	7.980	59.85			122.45		349.97
INTEREST ON OPERATING CAPITAL																11.47
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																361.44

Table 6.B Estimated resource use and costs per acre for field operations,  
Single crop crawfish, Owner-Operators, Southwest Louisiana, 1997.

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				
P&E CF Single	acre			1.00	Jul			6.52	89.55			1.0000				96.07
Disk	20 ft	143	0.100	2.00	Jul	2.76	2.05	1.10	1.57	0.220	1.65					9.13
IRR CF Single	acin			1.00	Jul			2.20	31.44	0.008	0.06	1.5000				33.69
Other labor	hour											0.2500	7.50	1.88		1.88
Airplane seed	cwt			1.00	Jul							1.4000	4.40	6.16		6.16
Rice seed	lbs											140.0000	0.19	25.90		25.90
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jul	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Airplane Fert	cwt			1.00	Jul							0.7500	3.95	2.96		2.96
Urea (45%)	lbs											75.0000	0.12	9.00		9.00
IRR CF Single	acin			1.00	Aug			2.20		0.008	0.06	1.5000				2.25
Other labor	hour											0.1000	7.50	0.75		0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Aug	0.13	0.07	0.02	0.06	0.029	0.22					0.50
IRR CF Single	acin			1.00	Sep			2.20		0.008	0.06	1.5000				2.25
Other labor	hour											0.1000	7.50	0.75		0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Sep	0.13	0.07	0.02	0.06	0.029	0.22					0.50
IRR CF Single	acin			1.00	Oct			17.57		0.060	0.45	12.0000				18.02
Hip Boots	pair											0.0083	60.00	0.50		0.50
Other labor	hour											0.5000	7.50	3.75		3.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Oct	0.13	0.07	0.02	0.06	0.029	0.22					0.50
IRR CF Single	acin			1.00	Nov			5.86		0.020	0.15	4.0000				6.01
Other labor	hour											0.1000	7.50	0.75		0.75
Crawfish combine	12 hp		0.075	10.00	Dec			0.45	0.56	0.825	6.19					7.19
CF bait - fish	lbs											50.0000	0.20	10.00		10.00
Sacks	each											1.3300	0.40	0.53		0.53
IRR CF Single	acin			1.00	Dec			3.66		0.013	0.09	2.5000				3.75
Other labor	hour											0.1000	7.50	0.75		0.75
Pickup truck	1/2 ton		1.000	0.04	Dec			0.20	0.17	0.043	0.32					0.70
Crawfish combine	12 hp		0.075	13.00	Jan			0.58	0.72	1.073	8.04					9.35
CF bait - fish	lbs											65.0000	0.20	13.00		13.00
Sacks	each											3.0030	0.40	1.20		1.20
IRR CF Single	acin			1.00	Jan			2.93		0.010	0.08	2.0000				3.00
Other labor	hour											0.1000	7.50	0.75		0.75
Pickup truck	1/2 ton		1.000	0.06	Jan			0.26	0.23	0.056	0.42					0.91
Crawfish combine	12 hp		0.075	12.00	Feb			0.54	0.67	0.990	7.43					8.63
CF bait - fish	lbs											60.0000	0.20	12.00		12.00
Sacks	each											4.5000	0.40	1.80		1.80
IRR CF Single	acin			1.00	Feb			2.93		0.010	0.08	2.0000				3.00
Other labor	hour											0.1000	7.50	0.75		0.75
Pickup truck	1/2 ton		1.000	0.05	Feb			0.24	0.21	0.051	0.38					0.83
Crawfish combine	12 hp		0.075	20.00	Mar			0.90	1.11	1.650	12.38					14.38
CF bait - fish	lbs											50.0000	0.17	8.50		8.50
CF bait - fish	lbs											50.0000	0.20	10.00		10.00
Sacks	each											5.3400	0.40	2.14		2.14
IRR CF Single	acin			1.00	Mar			2.93		0.010	0.08	2.0000				3.00
Other labor	hour											0.1000	7.50	0.75		0.75
Pickup truck	1/2 ton		1.000	0.09	Mar			0.40	0.35	0.086	0.64					1.40
Crawfish combine	12 hp		0.075	21.00	Apr			0.94	1.17	1.733	12.99					15.10
CF bait - manufac	lbs											105.0000	0.17	17.85		17.85
Sacks	each											9.0090	0.40	3.60		3.60
IRR CF Single	acin			1.00	Apr			2.93		0.010	0.08	2.0000				3.00
Other labor	hour											0.1000	7.50	0.75		0.75
Pickup truck	1/2 ton		1.000	0.09	Apr			0.42	0.36	0.090	0.67					1.46
Rotary mower-levees	6.7 ft	43	0.500	0.05	Apr	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Crawfish combine	12 hp		0.075	18.00	May			0.81	1.00	1.485	11.14					12.94
CF bait - manufac	lbs											90.0000	0.17	15.30		15.30
Sacks	each											5.9400	0.40	2.38		2.38
IRR CF Single	acin			1.00	May			2.93		0.010	0.08	2.0000				3.00
Other labor	hour											0.3000	7.50	2.25		2.25
Pickup truck	1/2 ton		1.000	0.08	May			0.36	0.31	0.077	0.58					1.25
Rotary mower-levees	6.7 ft	43	0.500	0.05	May	0.13	0.07	0.02	0.06	0.029	0.22					0.50
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jun	0.13	0.07	0.02	0.06	0.029	0.22					0.50
TOTALS						3.70	2.52	62.17	129.79	8.747	65.60			156.70		420.49
INTEREST ON OPERATING CAPITAL																15.45
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																435.94

Table 7.B Estimated resource use and costs per acre for field operations,  
 Recirculating single crop crawfish, Owner-Operators,  
 Gasoline powered aerator, Southwest Louisiana, 1997.

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			
CF P&E (recirculate)	acre			1.00	Jul			7.07	95.13			1.0000			102.20
Disk	20 ft	143	0.100	2.00	Jul	2.76	2.05	1.10	1.57	0.220	1.65				9.13
IRR CF Single	acin			1.00	Jul			2.20	31.44	0.008	0.06	1.5000			33.69
Other labor	hour											0.2500	7.50	1.88	1.88
Airplane seed	cwt			1.00	Jul							1.4000	4.40	6.16	6.16
Rice seed	lbs											140.0000	0.19	25.90	25.90
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jul	0.13	0.07	0.02	0.06	0.029	0.22				0.50
Airplane Fert	cwt			1.00	Jul							0.7500	3.95	2.96	2.96
Urea (45%)	lbs											75.0000	0.12	9.00	9.00
IRR CF Single	acin			1.00	Aug			2.20		0.008	0.06	1.5000			2.25
Other labor	hour											0.1000	7.50	0.75	0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Aug	0.13	0.07	0.02	0.06	0.029	0.22				0.50
IRR CF Single	acin			1.00	Sep			2.20		0.008	0.06	1.5000			2.25
Other labor	hour											0.1000	7.50	0.75	0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Sep	0.13	0.07	0.02	0.06	0.029	0.22				0.50
8 HP PW CF(gasoline)	hour			1.00	Oct			0.37	23.48	0.375	2.81	15.0000			26.66
IRR CF Single	acin			1.00	Oct			17.57		0.060	0.45	12.0000			18.02
Hip Boots	pair											0.0083	60.00	0.50	0.50
Other labor	hour											0.5000	7.50	3.75	3.75
Pickup truck	1/2 ton		1.000	0.75	Oct			3.52	3.03	0.750	5.63				12.17
Rotary mower-levees	6.7 ft	43	0.500	0.05	Oct	0.13	0.07	0.02	0.06	0.029	0.22				0.50
8 HP PW CF(gasoline)	hour			1.00	Nov			0.37		0.375	2.81	15.0000			3.18
IRR CF Single	acin			1.00	Nov			5.86		0.020	0.15	4.0000			6.01
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.75	Nov			3.52	3.03	0.750	5.63				12.17
Crawfish combine	12 hp		0.075	10.00	Dec			0.45	0.56	0.825	6.19				7.19
CF bait - fish	lbs											50.0000	0.20	10.00	10.00
Sacks	each											1.3300	0.40	0.53	0.53
8 HP PW CF(gasoline)	hour			1.00	Dec			0.37		0.375	2.81	15.0000			3.18
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.79	Dec			3.70	3.19	0.790	5.93				12.82
Crawfish combine	12 hp		0.075	13.00	Jan			0.58	0.72	1.073	8.04				9.35
CF bait - fish	lbs											65.0000	0.20	13.00	13.00
Sacks	each											3.0030	0.40	1.20	1.20
Other labor	hour			1.00	Jan							0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.06	Jan			0.26	0.23	0.056	0.42				0.91
Crawfish combine	12 hp		0.075	12.00	Feb			0.54	0.67	0.990	7.43				8.63
CF bait - fish	lbs											60.0000	0.20	12.00	12.00
Sacks	each											4.5000	0.40	1.80	1.80
IRR CF Single	acin			1.00	Feb			2.93		0.010	0.08	2.0000			3.00
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.05	Feb			0.24	0.21	0.051	0.38				0.83
Crawfish combine	12 hp		0.075	20.00	Mar			0.90	1.11	1.650	12.38				14.38
CF bait - manufac	lbs											50.0000	0.17	8.50	8.50
Sacks	each											50.0000	0.20	10.00	10.00
8 HP PW CF(gasoline)	hour			1.00	Mar			0.18		0.188	1.41	7.5000			1.59
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.47	Mar			2.20	1.90	0.470	3.53				7.62
Crawfish combine	12 hp		0.075	21.00	Apr			0.94	1.17	1.733	12.99				15.10
CF bait - manufac	lbs											105.0000	0.17	17.85	17.85
Sacks	each											9.0090	0.40	3.60	3.60
8 HP PW CF(gasoline)	hour			1.00	Apr			0.37		0.375	2.81	15.0000			3.18
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.84	Apr			3.94	3.39	0.840	6.30				13.63
Rotary mower-levees	6.7 ft	43	0.500	0.05	Apr	0.13	0.07	0.02	0.06	0.029	0.22				0.50
Crawfish combine	12 hp		0.075	18.00	May			0.81	1.00	1.485	11.14				12.94
CF bait - manufac	lbs											90.0000	0.17	15.30	15.30
Sacks	each											5.9400	0.40	2.38	2.38
8 HP PW CF(gasoline)	hour			1.00	May			0.37		0.375	2.81	15.0000			3.18
Other labor	hour											0.3000	7.50	2.25	2.25
Pickup truck	1/2 ton		1.000	0.83	May			3.89	3.35	0.830	6.23				13.46
Rotary mower-levees	6.7 ft	43	0.500	0.05	May	0.13	0.07	0.02	0.06	0.029	0.22				0.50
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jun	0.13	0.07	0.02	0.06	0.029	0.22				0.50
TOTALS						3.70	2.52	68.76	175.53	14.891	111.68			156.70	518.90
INTEREST ON OPERATING CAPITAL															18.10
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															537.00

Table 8.B Estimated resource use and costs per acre for field operations,  
 Recirculating single crop crawfish, Owner-Operators,  
 Electric powered aerator, Southwest Louisiana, 1997.

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-----			
CF P&E (recirculate)	acre			1.00	Jul			7.07	95.13			1.0000			102.20
Disk	20 ft	143	0.100	2.00	Jul	2.76	2.05	1.10	1.57	0.220	1.65				9.13
IRR CF Single	acin			1.00	Jul			2.20	31.44	0.008	0.06	1.5000			33.69
Other labor	hour											0.2500	7.50	1.88	1.88
Airplane seed	cwt			1.00	Jul							1.4000	4.40	6.16	6.16
Rice seed	lbs											140.0000	0.19	25.90	25.90
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jul	0.13	0.07	0.02	0.06	0.029	0.22				0.50
Airplane Fert	cwt			1.00	Jul							0.7500	3.95	2.96	2.96
Urea (45%)	lbs											75.0000	0.12	9.00	9.00
IRR CF Single	acin			1.00	Aug			2.20		0.008	0.06	1.5000			2.25
Other labor	hour											0.1000	7.50	0.75	0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Aug	0.13	0.07	0.02	0.06	0.029	0.22				0.50
IRR CF Single	acin			1.00	Sep			2.20		0.008	0.06	1.5000			2.25
Other labor	hour											0.1000	7.50	0.75	0.75
Rotary mower-levees	6.7 ft	43	0.500	0.05	Sep	0.13	0.07	0.02	0.06	0.029	0.22				0.50
10 HP PW EL (CF)	hour			1.00	Oct			0.46	21.00			15.0000			21.46
IRR CF Single	acin			1.00	Oct			17.57		0.060	0.45	12.0000			18.02
Hip Boots	pair											0.0083	60.00	0.50	0.50
Other labor	hour											0.5000	7.50	3.75	3.75
Pickup truck	1/2 ton		1.000	0.75	Oct			3.52	3.03	0.750	5.63				12.17
Rotary mower-levees	6.7 ft	43	0.500	0.05	Oct	0.13	0.07	0.02	0.06	0.029	0.22				0.50
10 HP PW EL (CF)	hour			1.00	Nov			0.46				15.0000			0.46
IRR CF Single	acin			1.00	Nov			5.86		0.020	0.15	4.0000			6.01
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.75	Nov			3.52	3.03	0.750	5.63				12.17
Crawfish combine	12 hp		0.075	10.00	Dec			0.45	0.56	0.825	6.19				7.19
CF bait - fish	lbs											50.0000	0.20	10.00	10.00
Sacks	each											1.3300	0.40	0.53	0.53
10 HP PW EL (CF)	hour			1.00	Dec			0.46				15.0000			0.46
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.79	Dec			3.70	3.19	0.790	5.93				12.82
Crawfish combine	12 hp		0.075	13.00	Jan			0.58	0.72	1.073	8.04				9.35
CF bait - fish	lbs											65.0000	0.20	13.00	13.00
Sacks	each											3.0030	0.40	1.20	1.20
Other labor	hour			1.00	Jan							0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.06	Jan			0.26	0.23	0.056	0.42				0.91
Crawfish combine	12 hp		0.075	12.00	Feb			0.54	0.67	0.990	7.43				8.63
CF bait - fish	lbs											60.0000	0.20	12.00	12.00
Sacks	each											4.5000	0.40	1.80	1.80
IRR CF Single	acin			1.00	Feb			2.93		0.010	0.08	2.0000			3.00
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.05	Feb			0.24	0.21	0.051	0.38				0.83
Crawfish combine	12 hp		0.075	20.00	Mar			0.90	1.11	1.650	12.38				14.38
CF bait - manufac	lbs											50.0000	0.17	8.50	8.50
CF bait - fish	lbs											50.0000	0.20	10.00	10.00
Sacks	each											5.3400	0.40	2.14	2.14
10 HP PW EL (CF)	hour			1.00	Mar			0.23				7.5000			0.23
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.47	Mar			2.20	1.90	0.470	3.53				7.62
Crawfish combine	12 hp		0.075	21.00	Apr			0.94	1.17	1.733	12.99				15.10
CF bait - manufac	lbs											105.0000	0.17	17.85	17.85
Sacks	each											9.0090	0.40	3.60	3.60
10 HP PW EL (CF)	hour			1.00	Apr			0.46				15.0000			0.46
Other labor	hour											0.1000	7.50	0.75	0.75
Pickup truck	1/2 ton		1.000	0.84	Apr			3.94	3.39	0.840	6.30				13.63
Rotary mower-levees	6.7 ft	43	0.500	0.05	Apr	0.13	0.07	0.02	0.06	0.029	0.22				0.50
Crawfish combine	12 hp		0.075	18.00	May			0.81	1.00	1.485	11.14				12.94
CF bait - manufac	lbs											90.0000	0.17	15.30	15.30
Sacks	each											5.9400	0.40	2.38	2.38
10 HP PW EL (CF)	hour			1.00	May			0.46				15.0000			0.46
Other labor	hour											0.3000	7.50	2.25	2.25
Pickup truck	1/2 ton		1.000	0.83	May			3.89	3.35	0.830	6.23				13.46
Rotary mower-levees	6.7 ft	43	0.500	0.05	May	0.13	0.07	0.02	0.06	0.029	0.22				0.50
Rotary mower-levees	6.7 ft	43	0.500	0.05	Jun	0.13	0.07	0.02	0.06	0.029	0.22				0.50
TOTALS						3.70	2.52	69.28	173.05	12.829	96.21			156.70	501.47
INTEREST ON OPERATING CAPITAL															17.40
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															518.87

Table 9.8 Estimated resource use and costs per acre for field operations,  
Rice-Crawfish double crop, Owner-Operators,  
Southwest Louisiana, 1997.

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			
P&E CF Double Disk	acre	143	0.100	1.00	May	2.76	2.05	0.67	36.53	0.220	1.65	1.0000			37.20
Airplane Fert Nitrogen	cwt			1.00	May			1.10	1.57			3.0000	3.95	11.85	11.85
Phosphate	lbs											57.0000	0.26	14.82	14.82
Potash	lbs											51.0000	0.21	10.71	10.71
Field cultivator	20 ft	143	0.090	1.00	May	1.24	0.92	0.28	0.39	0.099	0.74	51.0000	0.12	6.12	6.12
Levee plow	8 Ft	143	0.050	3.00	May	2.07	1.54	0.20	0.50	0.165	1.24				3.58
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				5.55
Dozer blade	8 ft	93	0.850	0.10	May	0.83	0.60	0.10	0.23	0.094	0.70				1.49
Backhoe	hour	93	1.000	0.10	May	0.98	0.70	0.44	0.63	0.110	0.83				2.46
Other labor	hour											0.0200	7.50	0.15	0.15
IRR CF Double	acin			1.00	May			15.10	31.44	0.060	0.45	12.0000			46.99
Other labor	hour											0.6000	7.50	4.50	4.50
Water level	16 Ft	143	0.220	1.00	May	3.04	2.25	0.24	0.52	0.242	1.82				7.87
Drag	14 ft	93	0.130	1.00	May	1.27	0.91	0.05	0.07	0.143	1.07				3.37
Airplane seed	cwt			1.00	May							1.4000	4.40	6.16	6.16
Rice seed	lbs											140.0000	0.19	25.90	25.90
Seed Crawfish	lbs			1.00	Jun							60.0000	0.50	30.00	30.00
Other labor	hour											0.0500	7.50	0.38	0.38
IRR CF Double	acin			1.00	Jun			12.58		0.050	0.38	10.0000			12.96
Other labor	hour											0.2000	7.50	1.50	1.50
Airplane Stam	acre			2.00	Jun							2.0000	4.85	9.70	9.70
Stam M4	qt											6.0000	4.76	28.56	28.56
IRR CF Double	acin			1.00	Jul			15.10		0.060	0.45	12.0000			15.55
Airplane Fert	cwt			1.00	Jul							1.4000	3.95	5.53	5.53
Nitrogen	lbs											63.0000	0.26	16.38	16.38
Dozer blade	8 ft	93	0.850	0.10	Aug	0.83	0.60	0.10	0.23	0.094	0.70				2.46
Other labor	hour											0.0200	7.50	0.15	0.15
Combine Rice	20 Ft		0.380	1.00	Aug			19.39	23.79	0.418	5.02				48.20
Grain cart	350 bu	93	1.000	0.38	Aug	3.26	2.67	0.77	1.55	0.418	3.14				11.39
Truck	5 ton		1.000	0.38	Aug			4.04	4.40	0.380	2.85				11.29
Drying Rice	cwt			1.00	Aug							47.1900	0.95	44.83	44.83
Storage Rice	cwt											42.0000	0.40	16.80	16.80
Dozer blade	8 ft	93	0.850	0.20	Aug	1.66	1.19	0.19	0.46	0.187	1.40				4.91
IRR CF Double	acin			1.00	Oct			15.10		0.060	0.45	12.0000			15.55
Hip Boots	pair											0.0083	60.00	0.50	0.50
Other labor	hour											0.6000	7.50	4.50	4.50
Rotary mower-levees	6.7 ft	43	0.500	0.05	Oct	0.13	0.07	0.02	0.06	0.029	0.22				0.50
IRR CF Double	acin			1.00	Nov			5.03		0.020	0.15	4.0000			5.18
Other labor	hour											0.2000	7.50	1.50	1.50
Crawfish combine	12 hp		0.075	10.00	Dec			0.45	0.56	0.825	6.19				7.19
CF bait - fish	lbs											37.5000	0.20	7.50	7.50
Sacks	each											1.4400	0.40	0.58	0.58
IRR CF Double	acin			1.00	Dec			3.15		0.013	0.09	2.5000			3.24
Other labor	hour											0.2000	7.50	1.50	1.50
Pickup truck	1/2 ton		1.000	0.04	Dec			0.20	0.17	0.043	0.32				0.70
Crawfish combine	12 hp		0.075	13.00	Jan			0.58	0.72	1.073	8.04				9.35
CF bait - fish	lbs											48.7500	0.20	9.75	9.75
Sacks	each											2.3400	0.40	0.94	0.94
IRR CF Double	acin			1.00	Jan			1.89		0.008	0.06	1.5000			1.94
Other labor	hour											0.2000	7.50	1.50	1.50
Pickup truck	1/2 ton		1.000	0.06	Jan			0.26	0.23	0.056	0.42				0.91
Crawfish combine	12 hp		0.075	12.00	Feb			0.54	0.67	0.990	7.43				8.63
CF bait - fish	lbs											45.0000	0.20	9.00	9.00
Sacks	each											4.4400	0.40	1.78	1.78
IRR CF Double	acin			1.00	Feb			2.52		0.010	0.08	2.0000			2.59
Other labor	hour											0.2000	7.50	1.50	1.50
Pickup truck	1/2 ton		1.000	0.05	Feb			0.24	0.21	0.051	0.38				0.83
Crawfish combine	12 hp		0.075	20.00	Mar			0.90	1.11	1.650	12.38				14.38
CF bait - manufac	lbs											37.5000	0.17	6.38	6.38
CF bait - fish	lbs											37.5000	0.20	7.50	7.50
Sacks	each											5.2000	0.40	2.08	2.08
IRR CF Double	acin			1.00	Mar			2.52		0.010	0.08	2.0000			2.59
Other labor	hour											0.4000	7.50	3.00	3.00
Pickup truck	1/2 ton		1.000	0.09	Mar			0.40	0.35	0.086	0.64				1.40
Crawfish combine	12 hp		0.075	15.00	Apr			0.67	0.83	1.238	9.28				10.79
CF bait - manufac	lbs											56.2500	0.17	9.56	9.56
Sacks	each											6.4500	0.40	2.58	2.58
IRR CF Double	acin			1.00	Apr			2.52		0.010	0.08	2.0000			2.59
Other labor	hour											0.2000	7.50	1.50	1.50
Pickup truck	1/2 ton		1.000	0.06	Apr			0.30	0.26	0.064	0.48				1.04
TOTALS						18.57	13.85	107.72	107.61	9.028	69.59			307.17	624.52
INTEREST ON OPERATING CAPITAL															35.21
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															659.72

Table 10.B Estimated resource use and costs per acre for field operations, Catfish, owner-operator, 10 acre ponds, Louisiana, 1997.

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 P&E 6x10	acre			1.00	Jan			13.49	187.22			1.0000			200.71
Catfish Irr	acin			1.00	Jan			1.90	23.26	0.012	0.09	2.3000			25.24
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Jan			0.77	47.47	0.030	0.23	0.1500			48.46
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Catfish Irr	acin			1.00	Feb			1.90		0.012	0.09	2.3000			1.98
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Feb			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Pickup truck	1/2 ton		1.000	0.42	Feb			1.97	1.69	0.420	3.15				6.81
Catfish Irr	acin			1.00	Mar			21.18		0.129	0.96	25.7000			22.14
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Mar			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Boat, Motor & Trailer	14 ft		0.075	0.75	Mar			3.57	6.06	0.062	0.46				10.09
Spring Chemicals	lbs											18.0000	0.75	13.50	13.50
10HP Aerator-10	hour			1.00	Apr			0.45	42.00	0.600	4.50	6.0000			46.95
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Apr			1.90		0.012	0.09	2.3000			1.98
Feeder Truck	ton			1.00	Apr			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.31	Apr			1.43	1.23	0.305	2.29				4.95
Harv & haul catfish	cwt			1.00	Apr							4.8000	5.00	24.00	24.00
Custom restk catfish	thou											0.4100	25.00	10.25	10.25
Fingerlings	thou											0.4100	100.00	41.00	41.00
PTO aerator	hour	68	1.000	1.10	Apr	8.25	4.59	0.17	0.84	0.110	0.83				14.67
10HP Aerator-10	hour			1.00	May			0.45		0.600	4.50	6.0000			4.95
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	May			2.14		0.013	0.10	2.6000			2.24
Feeder Truck	ton			1.00	May			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.10	May			0.47	0.40	0.100	0.75				1.62
Harv & haul catfish	cwt			1.00	May							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
Side Mount Mower	6 ft	68	0.500	0.25	May	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	0.60	May	4.50	2.50	0.09	0.46	0.060	0.45				8.00
10HP Aerator-10	hour			1.00	Jun			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Jun			1.15		0.007	0.05	1.4000			1.21
Feeder Truck	ton			1.00	Jun			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Pickup truck	1/2 ton		1.000	0.15	Jun			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jun	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10	hour			1.00	Jul			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Jul			3.21		0.020	0.15	3.9000			3.36
Feeder Truck	ton			1.00	Jul			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Jul			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jul	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10	hour			1.00	Aug			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Aug			3.79		0.023	0.17	4.6000			3.96
Feeder Truck	ton			1.00	Aug			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75



Table 10.B Estimated resource use and costs per acre for field operations,  
(con't) Catfish, owner-operator, 10 acre ponds, Louisiana, 1997.

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-----			
Pickup truck	1/2 ton		1.000	0.36	Aug			1.66	1.43	0.355	2.66				5.76
Harv & haul catfish	cwt			1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou											0.8100	25.00	20.25	20.25
Fingerlings	thou											0.8100	100.00	81.00	81.00
Side Mount Mower	6 ft	68	0.500	0.25	Aug	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	1.90	Aug	14.26	7.92	0.29	1.45	0.190	1.43				25.35
10HP Aerator-10	hour			1.00	Sep			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Sep			23.48		0.143	1.07	28.5000			24.55
Feeder Truck	ton			1.00	Sep			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Sep			0.70	0.61	0.150	1.13				2.43
Harv & haul catfish	cwt			1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou											0.5900	25.00	14.75	14.75
Fingerlings	thou											0.5900	100.00	59.00	59.00
PTO aerator	hour	68	1.000	1.40	Sep	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10	hour			1.00	Oct			0.45		0.600	4.50	6.0000			4.95
Other labor	hour											3.0000	7.50	22.50	22.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Catfish Irr	acin			1.00	Oct			4.04		0.025	0.18	4.9000			4.22
Feeder Truck	ton			1.00	Oct			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
PTO aerator	hour	68	1.000	0.60	Oct	4.50	2.50	0.09	0.46	0.060	0.45	3.4000			8.00
Catfish Irr	acin			1.00	Nov			2.80		0.017	0.13	0.1370	495.00	67.82	67.82
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Nov			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			0.86	1.45	0.015	0.11	8.8200	1.38	12.17	12.17
Fall chemicals	lbs														8.44
Pickup truck	1/2 ton		1.000	0.52	Nov			2.44	2.10	0.520	3.90				
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											0.9900	25.00	24.75	24.75
Fingerlings	thou											0.9900	100.00	99.00	99.00
Catfish Irr	acin			1.00	Dec			1.73		0.011	0.08	2.1000			1.81
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Dec			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
TOTALS						64.92	36.08	130.34	326.29	12.164	91.23			2421.79	3070.64
INTEREST ON OPERATING CAPITAL															133.38
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3204.02

Table 11.B Estimated resource use and costs per acre for field operations,  
Catfish, owner-operator, 10 acre ponds with generator, Louisiana, 1997.

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 P&E 6x10	acre			1.00	Jan			13.49	187.22			1.0000			200.71
Catfish Irr (D)	acin			1.00	Jan			2.70	43.53	0.012	0.09	2.3000			46.31
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Jan			0.77	47.47	0.030	0.23	0.1500			48.46
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Catfish Irr (D)	acin			1.00	Feb			2.70		0.012	0.09	2.3000			2.78
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Feb			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Pickup truck	1/2 ton		1.000	0.42	Feb			1.97	1.69	0.420	3.15				6.81
Catfish Irr (D)	acin			1.00	Mar			30.15		0.129	0.96	25.7000			31.12
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Mar			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Boat, Motor & Trailer	14 ft		0.075	0.75	Mar			3.57	6.06	0.062	0.46				10.09
Spring Chemicals	lbs											18.0000	0.75	13.50	13.50
10HP Aerator-10(D)	hour			1.00	Apr			0.70	42.00	0.600	4.50	6.0000			47.20
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Apr			2.70		0.012	0.09	2.3000			2.78
Feeder Truck	ton			1.00	Apr			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.31	Apr			1.43	1.23	0.305	2.29				4.95
Harv & haul catfish	cwt			1.00	Apr							4.8000	5.00	24.00	24.00
Custom restk catfish	thou											0.4100	25.00	10.25	10.25
Fingerlings	thou											0.4100	100.00	41.00	41.00
PTO aerator	hour	68	1.000	1.10	Apr	8.25	4.59	0.17	0.84	0.110	0.83				14.67
10HP Aerator-10(D)	hour			1.00	May			0.70		0.600	4.50	6.0000			5.20
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	May			3.05		0.013	0.10	2.6000			3.15
Feeder Truck	ton			1.00	May			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.10	May			0.47	0.40	0.100	0.75				1.62
Harv & haul catfish	cwt			1.00	May							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
Side Mount Mower	6 ft	68	0.500	0.25	May	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	0.60	May	4.50	2.50	0.09	0.46	0.060	0.45				8.00
10HP Aerator-10(D)	hour			1.00	Jun			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Jun			1.64		0.007	0.05	1.4000			1.70
Feeder Truck	ton			1.00	Jun			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Pickup truck	1/2 ton		1.000	0.15	Jun			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jun	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(D)	hour			1.00	Jul			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Jul			4.58		0.020	0.15	3.9000			4.72
Feeder Truck	ton			1.00	Jul			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Jul			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jul	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(D)	hour			1.00	Aug			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Aug			5.40		0.023	0.17	4.6000			5.57
Feeder Truck	ton			1.00	Aug			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75

Table 11.B Estimated resource use and costs per acre for field operations,  
(con't) Catfish, owner-operator, 10 acre ponds with generator, Louisiana, 1997.

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-----			
Pickup truck	1/2 ton		1.000	0.36	Aug			1.66	1.43	0.355	2.66				5.76
Harv & haul catfish	cwt			1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou											0.8100	25.00	20.25	20.25
Fingerlings	thou											0.8100	100.00	81.00	81.00
Side Mount Mower	6 ft	68	0.500	0.25	Aug	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	1.90	Aug	14.26	7.92	0.29	1.45	0.190	1.43				25.35
10HP Aerator-10(D)	hour			1.00	Sep			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Sep			33.44		0.143	1.07	28.5000			34.51
Feeder Truck	ton			1.00	Sep			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Sep			0.70	0.61	0.150	1.13				2.43
Harv & haul catfish	cwt			1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou											0.5900	25.00	14.75	14.75
Fingerlings	thou											0.5900	100.00	59.00	59.00
PTO aerator	hour	68	1.000	1.40	Sep	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(D)	hour			1.00	Oct			0.70		0.600	4.50	6.0000			5.20
Other labor	hour											3.0000	7.50	22.50	22.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Catfish Irr (D)	acin			1.00	Oct			5.75		0.025	0.18	4.9000			5.93
Feeder Truck	ton			1.00	Oct			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
PTO aerator	hour	68	1.000	0.60	Oct	4.50	2.50	0.09	0.46	0.060	0.45	3.4000			8.00
Catfish Irr (D)	acin			1.00	Nov			3.99		0.017	0.13				4.12
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Nov			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			0.86	1.45	0.015	0.11	8.8200	1.38	12.17	12.17
Fall chemicals	lbs														8.44
Pickup truck	1/2 ton		1.000	0.52	Nov			2.44	2.10	0.520	3.90				
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											0.9900	25.00	24.75	24.75
Fingerlings	thou											0.9900	100.00	99.00	99.00
Catfish Irr (D)	acin			1.00	Dec			2.46		0.011	0.08	2.1000			2.54
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Dec			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
TOTALS						64.92	36.08	162.77	346.56	12.164	91.23			2421.79	3123.34
INTEREST ON OPERATING CAPITAL															135.11
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3258.45

Table 12.B Estimated resource use and costs per acre for field operations,  
Catfish, tenant-operator, 10 acre ponds, Louisiana, 1997.

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 P&E 6x10 (R)	acre			1.00	Jan			13.49	12.71			1.0000			26.20
Rent (catfish elec)	acre											1.0000	250.00	250.00	250.00
Catfish irr (R)	acin			1.00	Jan			1.73		0.012	0.09	2.3000			1.82
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Jan			0.77	47.47	0.030	0.23	0.1500			48.46
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Catfish irr (R)	acin			1.00	Feb			1.73		0.012	0.09	2.3000			1.82
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Feb			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Pickup truck	1/2 ton		1.000	0.42	Feb			1.97	1.69	0.420	3.15				6.81
Catfish irr (R)	acin			1.00	Mar			19.35		0.129	0.96	25.7000			20.31
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Mar			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Boat, Motor & Trailer	14 ft		0.075	0.75	Mar			3.57	6.06	0.062	0.46	18.0000	0.75	13.50	10.09
Spring Chemicals	lbs											6.0000			4.95
10HP Aerator-10(R)	HOURL			1.00	Apr			0.45		0.600	4.50	2.1000	7.50	15.75	15.75
Other labor	hour											1.0000	1.75	1.75	1.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish irr (R)	acin			1.00	Apr			1.73		0.012	0.09	2.3000			1.82
Feeder Truck	ton			1.00	Apr			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.31	Apr			1.43	1.23	0.305	2.29	4.8000	5.00	24.00	24.00
Harv & haul catfish	cwt			1.00	Apr							0.4100	25.00	10.25	10.25
Custom restk catfish	thou											0.4100	100.00	41.00	41.00
Fingerlings	thou											0.4100	100.00	41.00	41.00
PTO aerator	hour	68	1.000	1.10	Apr	8.25	4.59	0.17	0.84	0.110	0.83	6.0000			4.95
10HP Aerator-10(R)	HOURL			1.00	May			0.45		0.600	4.50	2.0000	7.50	15.00	15.00
Other labor	hour											1.0000	1.75	1.75	1.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish irr (R)	acin			1.00	May			1.96		0.013	0.10	2.6000			2.05
Feeder Truck	ton			1.00	May			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.10	May			0.47	0.40	0.100	0.75	10.0000	5.00	50.00	50.00
Harv & haul catfish	cwt			1.00	May							0.8600	25.00	21.50	21.50
Custom restk catfish	thou											0.8600	100.00	86.00	86.00
Fingerlings	thou											0.8600	100.00	86.00	86.00
Side Mount Mower	6 ft	68	0.500	0.25	May	0.95	0.53	0.34	1.87	0.139	1.04	2.0000	7.50	15.00	15.00
PTO aerator	hour	68	1.000	0.60	May	4.50	2.50	0.09	0.46	0.060	0.45	1.0000	1.75	1.75	1.75
10HP Aerator-10(R)	HOURL			1.00	Jun			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish irr (R)	acin			1.00	Jun			1.05		0.007	0.05	1.4000			1.11
Feeder Truck	ton			1.00	Jun			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Pickup truck	1/2 ton		1.000	0.15	Jun			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jun	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(R)	HOURL			1.00	Jul			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish irr (R)	acin			1.00	Jul			2.94		0.020	0.15	3.9000			3.08
Feeder Truck	ton			1.00	Jul			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Jul			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jul	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(R)	HOURL			1.00	Aug			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish irr (R)	acin			1.00	Aug			3.46		0.023	0.17	4.6000			3.64
Feeder Truck	ton			1.00	Aug			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75

Table 12.B Estimated resource use and costs per acre for field operations,  
(con't) Catfish, tenant-operator, 10 acre ponds, Louisiana, 1997.

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-----			
Pickup truck	1/2 ton		1.000	0.36	Aug			1.66	1.43	0.355	2.66				5.76
Harv & haul catfish	cwt			1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou											0.8100	25.00	20.25	20.25
Fingerlings	thou											0.8100	100.00	81.00	81.00
Side Mount Mower	6 ft	68	0.500	0.25	Aug	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	1.90	Aug	14.26	7.92	0.29	1.45	0.190	1.43				25.35
10HP Aerator-10(R)	HOURL			1.00	Sep			1.04		1.400	10.50	14.0000			11.54
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish irr (R)	acin			1.00	Sep			21.45		0.143	1.07	28.5000			22.52
Feeder Truck	ton			1.00	Sep			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Sep			0.70	0.61	0.150	1.13				2.43
Harv & haul catfish	cwt			1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou											0.5900	25.00	14.75	14.75
Fingerlings	thou											0.5900	100.00	59.00	59.00
PTO aerator	hour	68	1.000	1.40	Sep	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(R)	HOURL			1.00	Oct			0.45		0.600	4.50	6.0000			4.95
Other labor	hour											3.0000	7.50	22.50	22.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Catfish irr (R)	acin			1.00	Oct			3.69		0.025	0.18	4.9000			3.87
Feeder Truck	ton			1.00	Oct			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
PTO aerator	hour	68	1.000	0.60	Oct	4.50	2.50	0.09	0.46	0.060	0.45				8.00
Catfish irr (R)	acin			1.00	Nov			2.56		0.017	0.13	3.4000			2.69
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Nov			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			0.86	1.45	0.015	0.11				2.42
Fall chemicals	lbs											8.8200	1.38	12.17	12.17
Pickup truck	1/2 ton		1.000	0.52	Nov			2.44	2.10	0.520	3.90				8.44
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											0.9900	25.00	24.75	24.75
Fingerlings	thou											0.9900	100.00	99.00	99.00
Catfish irr (R)	acin			1.00	Dec			1.58		0.011	0.08	2.1000			1.66
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Dec			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
TOTALS						64.92	36.08	124.36	86.52	12.164	91.23			2671.79	3074.89
INTEREST ON OPERATING CAPITAL															158.05
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3232.95

Table 13.B Estimated resource use and costs per acre for field operations,  
Catfish, tenant-operator, 10 acre ponds with generator, Louisiana, 1997.

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 P&E 6x10 (R)	acre			1.00	Jan			13.49	12.71			1.0000			26.20
Rent (catfish dies)	acre											1.0000	265.00	265.00	265.00
Catfish Irr (D,R)	acin			1.00	Jan			2.34		0.012	0.09	2.3000			2.43
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Jan			0.77	47.47	0.030	0.23	0.1500			48.46
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Catfish Irr (D,R)	acin			1.00	Feb			2.34		0.012	0.09	2.3000			2.43
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Feb			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Pickup truck	1/2 ton		1.000	0.42	Feb			1.97	1.69	0.420	3.15				6.81
Catfish Irr (D,R)	acin			1.00	Mar			26.14		0.129	0.96	25.7000			27.10
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Mar			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Boat, Motor & Trailer	14 ft		0.075	0.75	Mar			3.57	6.06	0.062	0.46				10.09
Spring Chemicals	lbs											18.0000	0.75	13.50	13.50
10HP Aerator-10(D,R)	HOURL			1.00	Apr			0.70		0.600	4.50	6.0000			5.20
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D,R)	acin			1.00	Apr			2.34		0.012	0.09	2.3000			2.43
Feeder Truck	ton			1.00	Apr			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.31	Apr			1.43	1.23	0.305	2.29				4.95
Harv & haul catfish	cwt			1.00	Apr							4.8000	5.00	24.00	24.00
Custom restk catfish	thou											0.4100	25.00	10.25	10.25
Fingerlings	thou											0.4100	100.00	41.00	41.00
PTO aerator	hour	68	1.000	1.10	Apr	8.25	4.59	0.17	0.84	0.110	0.83				14.67
10HP Aerator-10(D,R)	HOURL			1.00	May			0.70		0.600	4.50	6.0000			5.20
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D,R)	acin			1.00	May			2.64		0.013	0.10	2.6000			2.74
Feeder Truck	ton			1.00	May			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.10	May			0.47	0.40	0.100	0.75				1.62
Harv & haul catfish	cwt			1.00	May							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
Side Mount Mower	6 ft	68	0.500	0.25	May	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	0.60	May	4.50	2.50	0.09	0.46	0.060	0.45				8.00
10HP Aerator-10(D,R)	HOURL			1.00	Jun			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D,R)	acin			1.00	Jun			1.42		0.007	0.05	1.4000			1.48
Feeder Truck	ton			1.00	Jun			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Pickup truck	1/2 ton		1.000	0.15	Jun			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jun	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(D,R)	HOURL			1.00	Jul			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D,R)	acin			1.00	Jul			3.97		0.020	0.15	3.9000			4.11
Feeder Truck	ton			1.00	Jul			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Jul			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.40	Jul	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(D,R)	HOURL			1.00	Aug			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.1000	7.50	15.75	15.75
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D,R)	acin			1.00	Aug			4.68		0.023	0.17	4.6000			4.85
Feeder Truck	ton			1.00	Aug			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75

Table 13.B Estimated resource use and costs per acre for field operations,  
(con't) Catfish, tenant-operator, 10 acre ponds with generator, Louisiana, 1997.

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-----			
Pickup truck	1/2 ton		1.000	0.36	Aug			1.66	1.43	0.355	2.66				5.76
Harv & haul catfish	cwt			1.00	Aug							9.5000	5.00	47.50	47.50
Custom restk catfish	thou											0.8100	25.00	20.25	20.25
Fingerlings	thou											0.8100	100.00	81.00	81.00
Side Mount Mower	6 ft	68	0.500	0.25	Aug	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	1.90	Aug	14.26	7.92	0.29	1.45	0.190	1.43				25.35
10HP Aerator-10(D,R)	HOURL			1.00	Sep			1.63		1.400	10.50	14.0000			12.13
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D,R)	acin			1.00	Sep			28.99		0.143	1.07	28.5000			30.06
Feeder Truck	ton			1.00	Sep			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Sep			0.70	0.61	0.150	1.13				2.43
Harv & haul catfish	cwt			1.00	Sep							6.9000	5.00	34.50	34.50
Custom restk catfish	thou											0.5900	25.00	14.75	14.75
Fingerlings	thou											0.5900	100.00	59.00	59.00
PTO aerator	hour	68	1.000	1.40	Sep	10.50	5.84	0.21	1.07	0.140	1.05				18.68
10HP Aerator-10(D,R)	HOURL			1.00	Oct			0.70		0.600	4.50	6.0000			5.20
Other labor	hour											3.0000	7.50	22.50	22.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Catfish Irr (D,R)	acin			1.00	Oct			4.98		0.025	0.18	4.9000			5.17
Feeder Truck	ton			1.00	Oct			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
PTO aerator	hour	68	1.000	0.60	Oct	4.50	2.50	0.09	0.46	0.060	0.45	3.4000			8.00
Catfish Irr (D,R)	acin			1.00	Nov			3.46		0.017	0.13				3.59
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Nov			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			0.86	1.45	0.015	0.11	8.8200	1.38	12.17	12.17
Fall chemicals	lbs														8.44
Pickup truck	1/2 ton		1.000	0.52	Nov			2.44	2.10	0.520	3.90				
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											0.9900	25.00	24.75	24.75
Fingerlings	thou											0.9900	100.00	99.00	99.00
Catfish Irr (D,R)	acin			1.00	Dec			2.14		0.011	0.08	2.1000			2.21
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Dec			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
TOTALS						64.92	36.08	149.65	86.52	12.164	91.23			2686.79	3115.19
INTEREST ON OPERATING CAPITAL															160.90
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3276.09

Table 14.B Estimated resource use and costs per acre for field operations, Catfish, owner-operator, 15 acre ponds, Louisiana, 1997.

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 P&E 4x15	acre			1.00	Jan			12.03	166.87			1.0000			178.90
Catfish Irr	acin			1.00	Jan			1.90	23.26	0.012	0.09	2.3000			25.24
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Jan			0.77	47.47	0.030	0.23	0.1500			48.46
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Catfish Irr	acin			1.00	Feb			1.90		0.012	0.09	2.3000			1.98
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Feb			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Pickup truck	1/2 ton		1.000	0.42	Feb			1.97	1.69	0.420	3.15				6.81
Catfish Irr	acin			1.00	Mar			21.18		0.129	0.96	25.7000			22.14
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Mar			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Boat, Motor & Trailer	14 ft		0.075	0.75	Mar			3.57	6.06	0.062	0.46				10.09
Spring Chemicals	lbs											18.0000	0.75	13.50	13.50
10HP Aerator-15	hour			1.00	Apr			0.23	28.00	0.500	3.75	5.0000			31.98
Other labor	hour											2.0670	7.50	15.50	15.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Apr			1.90		0.012	0.09	2.3000			1.98
Feeder Truck	ton			1.00	Apr			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.31	Apr			1.43	1.23	0.305	2.29				4.95
PTO aerator	hour	68	1.000	1.00	Apr	7.50	4.17	0.15	0.76	0.100	0.75				13.34
10HP Aerator-15	hour			1.00	May			0.23		0.500	3.75	5.0000			3.98
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	May			2.14		0.013	0.10	2.6000			2.24
Feeder Truck	ton			1.00	May			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.10	May			0.47	0.40	0.100	0.75				1.62
Harv & haul catfish	cwt			1.00	May							14.8000	5.00	74.00	74.00
Custom restk catfish	thou											1.2700	25.00	31.75	31.75
Fingerlings	thou											1.2700	100.00	127.00	127.00
Side Mount Mower	6 ft	68	0.500	0.25	May	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	0.50	May	3.75	2.09	0.08	0.38	0.050	0.38				6.67
10HP Aerator-15	hour			1.00	Jun			0.54		1.150	8.63	11.5000			9.16
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Jun			1.15		0.007	0.05	1.4000			1.21
Feeder Truck	ton			1.00	Jun			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Pickup truck	1/2 ton		1.000	0.15	Jun			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.15	Jun	8.63	4.80	0.18	0.88	0.115	0.86				15.34
10HP Aerator-15	hour			1.00	Jul			0.54		1.150	8.63	11.5000			9.16
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Jul			3.21		0.020	0.15	3.9000			3.36
Feeder Truck	ton			1.00	Jul			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Jul			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.15	Jul	8.63	4.80	0.18	0.88	0.115	0.86				15.34
10HP Aerator-15	hour			1.00	Aug			0.54		1.150	8.63	11.5000			9.16
Other labor	hour											2.0670	7.50	15.50	15.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Aug			3.79		0.023	0.17	4.6000			3.96
Feeder Truck	ton			1.00	Aug			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75



Table 14.B Estimated resource use and costs per acre for field operations,  
(con't) Catfish, owner-operator, 15 acre ponds, Louisiana, 1997.

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-----			
Pickup truck	1/2 ton		1.000	0.36	Aug			1.66	1.43	0.355	2.66				5.76
Harv & haul catfish	cwt			1.00	Aug							16.4000	5.00	82.00	82.00
Custom restk catfish	thou											1.4000	25.00	35.00	35.00
Fingerlings	thou											1.4000	100.00	140.00	140.00
Side Mount Mower	6 ft	68	0.500	0.25	Aug	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	1.65	Aug	12.38	6.88	0.25	1.26	0.165	1.24				22.01
10HP Aerator-15	hour			1.00	Sep			0.54		1.150	8.63	11.5000			9.16
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr	acin			1.00	Sep			23.48		0.143	1.07	28.5000			24.55
Feeder Truck	ton			1.00	Sep			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Sep			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.15	Sep	8.63	4.80	0.18	0.88	0.115	0.86				15.34
10HP Aerator-15	hour			1.00	Oct			0.23		0.500	3.75	5.0000			3.98
Other labor	hour											3.0000	7.50	22.50	22.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Catfish Irr	acin			1.00	Oct			4.04		0.025	0.18	4.9000			4.22
Feeder Truck	ton			1.00	Oct			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00
Custom restk catfish	thou											0.8600	25.00	21.50	21.50
Fingerlings	thou											0.8600	100.00	86.00	86.00
PTO aerator	hour	68	1.000	0.50	Oct	3.75	2.09	0.08	0.38	0.050	0.38				6.67
Catfish Irr	acin			1.00	Nov			2.80		0.017	0.13	3.4000			2.93
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Nov			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			0.86	1.45	0.015	0.11				2.42
Fall chemicals	lbs											8.8200	1.38	12.17	12.17
Pickup truck	1/2 ton		1.000	0.52	Nov			2.44	2.10	0.520	3.90				8.44
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00
Custom restk catfish	thou											0.9900	25.00	24.75	24.75
Fingerlings	thou											0.9900	100.00	99.00	99.00
Catfish Irr	acin			1.00	Dec			1.73		0.011	0.08	2.1000			1.81
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank											0.0500	7.00	0.35	0.35
Shotgun Shells	box											0.2500	3.00	0.75	0.75
Feeder Truck	ton			1.00	Dec			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
TOTALS						55.16	30.66	126.01	290.94	10.734	80.50			2421.30	3004.58
INTEREST ON OPERATING CAPITAL															132.36
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3136.93

Table 15.B Estimated resource use and costs per acre for field operations,  
Catfish, owner-operator, 15 acre ponds with generator, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES		TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
				OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Catfish P&E 4x15	acre			1.00	Jan			12.03	166.87			1.0000			178.90
Catfish Irr (D)	acin			1.00	Jan			2.70	43.53	0.012	0.09	2.3000			46.31
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank							0.0500	7.00			0.35		0.35	0.35
Shotgun Shells	box							0.2500	3.00			0.75		0.75	0.75
Feeder Truck	ton			1.00	Jan			0.77	47.47	0.030	0.23	0.1500			48.46
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Catfish Irr (D)	acin			1.00	Feb			2.70		0.012	0.09	2.3000			2.78
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank							0.0500	7.00			0.35		0.35	0.35
Shotgun Shells	box							0.2500	3.00			0.75		0.75	0.75
Feeder Truck	ton			1.00	Feb			0.77		0.030	0.23	0.1500			0.99
Catfish Feed	ton											0.1500	265.00	39.75	39.75
Pickup truck	1/2 ton		1.000	0.42	Feb			1.97	1.69	0.420	3.15				6.81
Catfish Irr (D)	acin			1.00	Mar			30.15		0.129	0.96	25.7000			31.12
Other labor	hour											1.0000	7.50	7.50	7.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Propane	tank							0.0500	7.00			0.35		0.35	0.35
Shotgun Shells	box							0.2500	3.00			0.75		0.75	0.75
Feeder Truck	ton			1.00	Mar			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Boat, Motor & Trailer	14 ft		0.075	0.75	Mar			3.57	6.06	0.062	0.46				10.09
Spring Chemicals	lbs											18.0000	0.75	13.50	13.50
10HP Aerator-15(D)	HOURL			1.00	Apr			0.37	28.00	0.500	3.75	5.0000			32.12
Other labor	hour											2.0670	7.50	15.50	15.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Apr			2.70		0.012	0.09	2.3000			2.78
Feeder Truck	ton			1.00	Apr			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.31	Apr			1.43	1.23	0.305	2.29				4.95
PTO aerator	hour	68	1.000	1.00	Apr	7.50	4.17	0.15	0.76	0.100	0.75				13.34
10HP Aerator-15(D)	HOURL			1.00	May			0.37		0.500	3.75	5.0000			4.12
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	May			3.05		0.013	0.10	2.6000			3.15
Feeder Truck	ton			1.00	May			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.10	May			0.47	0.40	0.100	0.75				1.62
Harv & haul catfish	cwt			1.00	May							14.8000	5.00	74.00	74.00
Custom restk catfish	thou											1.2700	25.00	31.75	31.75
Fingerlings	thou											1.2700	100.00	127.00	127.00
Side Mount Mower	6 ft	68	0.500	0.25	May	0.95	0.53	0.34	1.87	0.139	1.04				4.71
PTO aerator	hour	68	1.000	0.50	May	3.75	2.09	0.08	0.38	0.050	0.38				6.67
10HP Aerator-15(D)	HOURL			1.00	Jun			0.86		1.150	8.63	11.5000			9.48
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Jun			1.64		0.007	0.05	1.4000			1.70
Feeder Truck	ton			1.00	Jun			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.4130	265.00	109.45	109.45
Medicated feed	ton											0.1370	495.00	67.82	67.82
Pickup truck	1/2 ton		1.000	0.15	Jun			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.15	Jun	8.63	4.80	0.18	0.88	0.115	0.86				15.34
10HP Aerator-15(D)	HOURL			1.00	Jul			0.86		1.150	8.63	11.5000			9.48
Other labor	hour											2.0000	7.50	15.00	15.00
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Jul			4.58		0.020	0.15	3.9000			4.72
Feeder Truck	ton			1.00	Jul			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75
Pickup truck	1/2 ton		1.000	0.15	Jul			0.70	0.61	0.150	1.13				2.43
PTO aerator	hour	68	1.000	1.15	Jul	8.63	4.80	0.18	0.88	0.115	0.86				15.34
10HP Aerator-15(D)	HOURL			1.00	Aug			0.86		1.150	8.63	11.5000			9.48
Other labor	hour											2.0670	7.50	15.50	15.50
Water consultant	acre											1.0000	1.75	1.75	1.75
Catfish Irr (D)	acin			1.00	Aug			5.40		0.023	0.17	4.6000			5.57
Feeder Truck	ton			1.00	Aug			2.82		0.110	0.83	0.5500			3.65
Catfish Feed	ton											0.5500	265.00	145.75	145.75

Table 15.B Estimated resource use and costs per acre for field operations,  
(Con't) Catfish, owner-operator, 15 acre ponds with generator, Louisiana, 1997.

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-----				
Pickup truck	1/2 ton		1.000	0.36	Aug			1.66	1.43	0.355	2.66					
5.76Harv & haul catfish	cwt				1.00	Aug						16.4000	5.00	82.00		
82.00																
Custom restk catfish	thou											1.4000	25.00	35.00	35.00	
Fingerlings	thou											1.4000	100.00	140.00	140.00	
Side Mount Mower	6 ft	68	0.500	0.25	Aug	0.95	0.53	0.34	1.87	0.139	1.04				4.71	
PTO aerator	hour	68	1.000	1.65	Aug	12.38	6.88	0.25	1.26	0.165	1.24				22.01	
10HP Aerator-15(D)	HOURL			1.00	Sep			0.86		1.150	8.63	11.5000			9.48	
Other labor	hour											2.0000	7.50	15.00	15.00	
Water consultant	acre											1.0000	1.75	1.75	1.75	
Catfish Irr (D)	acin			1.00	Sep			33.44		0.143	1.07	28.5000			34.51	
Feeder Truck	ton			1.00	Sep			2.82		0.110	0.83	0.5500			3.65	
Catfish Feed	ton											0.5500	265.00	145.75	145.75	
Pickup truck	1/2 ton		1.000	0.15	Sep			0.70	0.61	0.150	1.13				2.43	
PTO aerator	hour	68	1.000	1.15	Sep	8.63	4.80	0.18	0.88	0.115	0.86				15.34	
10HP Aerator-15(D)	HOURL			1.00	Oct			0.37		0.500	3.75	5.0000			4.12	
Other labor	hour											3.0000	7.50	22.50	22.50	
Water consultant	acre											1.0000	1.75	1.75	1.75	
Propane	tank											0.0500	7.00	0.35	0.35	
Shotgun Shells	box											0.2500	3.00	0.75	0.75	
Catfish Irr (D)	acin			1.00	Oct			5.75		0.025	0.18	4.9000			5.93	
Feeder Truck	ton			1.00	Oct			2.82		0.110	0.83	0.5500			3.65	
Catfish Feed	ton											0.4130	265.00	109.45	109.45	
Medicated feed	ton											0.1370	495.00	67.82	67.82	
Harv & haul catfish	cwt			1.00	Oct							10.0000	5.00	50.00	50.00	
Custom restk catfish	thou											0.8600	25.00	21.50	21.50	
Fingerlings	thou											0.8600	100.00	86.00	86.00	
PTO aerator	hour	68	1.000	0.50	Oct	3.75	2.09	0.08	0.38	0.050	0.38				6.67	
Catfish Irr (D)	acin			1.00	Nov			3.99		0.017	0.13	3.4000			4.12	
Other labor	hour											1.0000	7.50	7.50	7.50	
Water consultant	acre											1.0000	1.75	1.75	1.75	
Propane	tank											0.0500	7.00	0.35	0.35	
Shotgun Shells	box											0.2500	3.00	0.75	0.75	
Feeder Truck	ton			1.00	Nov			0.77		0.030	0.23	0.1500			0.99	
Catfish Feed	ton											0.1500	265.00	39.75	39.75	
Boat, Motor & Trailer	14 ft		0.075	0.18	Nov			0.86	1.45	0.015	0.11				2.42	
Fall chemicals	lbs											8.8200	1.38	12.17	12.17	
Pickup truck	1/2 ton		1.000	0.52	Nov			2.44	2.10	0.520	3.90				8.44	
Harv & haul catfish	cwt			1.00	Nov							11.6000	5.00	58.00	58.00	
Custom restk catfish	thou											0.9900	25.00	24.75	24.75	
Fingerlings	thou											0.9900	100.00	99.00	99.00	
Catfish Irr (D)	acin			1.00	Dec			2.46		0.011	0.08	2.1000			2.54	
Other labor	hour											1.0000	7.50	7.50	7.50	
Water consultant	acre											1.0000	1.75	1.75	1.75	
Propane	tank											0.0500	7.00	0.35	0.35	
Shotgun Shells	box											0.2500	3.00	0.75	0.75	
Feeder Truck	ton			1.00	Dec			0.77		0.030	0.23	0.1500			0.99	
Catfish Feed	ton											0.1500	265.00	39.75	39.75	
TOTALS							55.16	30.66	157.05	311.21	10.734	80.50			2421.30	3055.89
INTEREST ON OPERATING CAPITAL																134.02
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																3189.91

APPENDIX TABLE 1. Operating inputs: estimated prices, Louisiana, 1997.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
dollars					
CUSTOM					
Airplane Fert	cwt	3.95	Airplane seed	cwt	4.40
Airplane Stam	acre	4.85	Custom haul catfish	lbs	0.02
Custom restk catfish	thou	25.00	Drying Rice	cwt	0.95
Fertilizer Truck	acre	3.55	Harv & haul catfish	cwt	5.00
Storage Rice	cwt	0.40	Water consultant	acre	1.75
BAIT					
CF bait - fish	lbs	0.20	CF bait - manufac	lbs	0.17
FEED					
Catfish Feed	ton	265.00	Medicated feed	ton	495.00
FERTILIZER					
Nitrogen	lbs	0.26	Phosphate	lbs	0.21
Potash	lbs	0.12	Urea (45%)	lbs	0.12
HERBICIDES					
2,4-D LV4	pt	1.78	Fall chemicals	lbs	1.38
Spring Chemicals	lbs	0.75	Stam M4	qt	4.76
OTHER					
Fingerlings	thou	100.00	Hip Boots	pair	60.00
Propane	tank	7.00	Rent (diesel)	acre	265.00
Rent (electric)	acre	250.00	Sacks	each	0.40
Seed Crawfish	lbs	0.50	Shotgun Shells	box	3.00
Stunted Crawfish	lbs	0.25	Waders	pair	120.00
SEED					
Common bermuda seed	lbs	3.50	Rice seed long	lbs	0.20
Rice seed medium	lbs	0.19	Ryegrass seed	lbs	0.28

APPENDIX TABLE 2. Powered equipment: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour, Louisiana, 1997.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	CONS				
		hrs/ac	years	hours	dollars	percent	/hour	\$/hr	\$/hr	\$/hr	\$/hr
Tractor - PTO	68		16	625	28,500	138	4.20	7.50			4.17
Tractor 106-130	118		16	625	65,000	104	6.80	12.54			9.51
Tractor 131-155	143		16	625	70,000	99	8.10	13.82			10.24
Tractor 15-30	23		16	625	11,300	170	1.60	3.84			1.65
Tractor 156-180	168		16	625	81,000	95	9.70	15.94			11.85
Tractor 31-55	43		16	625	17,500	159	2.70	5.08			2.56
Tractor 56-80	68		16	625	28,500	138	4.20	7.50			4.17
Tractor 80-105	93		16	625	48,000	108	5.40	9.77			7.02
Tractor 80-105 (GC)	93		16	625	48,000	108	4.00	8.58			7.02
Boat, Motor & Trailer	14 ft	0.08	8	4	3,150	65	4.00	63.51	4.76	107.66	8.07
Combine Rice	20 Ft	0.38	10	250	125,000	90	7.10	51.04	19.39	62.60	23.79
Crawfish combine	12 hp	0.08	10	1098	6,500	40	0.30	0.60	0.04	0.74	0.06
Pickup truck	1/2 ton	1.00	5	800	15,000	45	2.50	4.69	4.69	4.04	4.04

APPENDIX TABLE 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre, Louisiana, 1997.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST				
		hrs/ac	years	hours	dollars	percent	\$/hr	\$/ac	\$/hr	\$/ac
Backhoe		1.00	10	100	5,000	88	4.40	4.40	6.26	6.26
Cultimulcher	12 Ft	0.16	15	120	5,400	88	2.64	0.42	4.28	0.69
Disk	20 ft	0.10	10	200	12,500	88	5.50	0.55	7.83	0.78
Ditcher rotary	1.5 ft	0.05	10	100	2,250	88	1.98	0.10	2.82	0.14
Ditcher side	1.5	0.05	10	100	2,100	88	1.85	0.09	2.63	0.13
Dozer blade	8 ft	0.85	20	100	3,400	66	1.12	0.95	2.73	2.32
Drag	14 ft	0.13	8	200	700	88	0.39	0.05	0.52	0.07
Fertilizer buggy	30 ft	0.06	10	150	5,500	88	3.23	0.19	4.59	0.28
Fertilizer buggy (R)	30 ft	0.06	10	150	1	0	0.00	0.00	0.00	0.00
Field cultivator	20 ft	0.09	10	200	7,000	88	3.08	0.28	4.38	0.39
Grain cart	350 bu	1.00	15	175	7,500	71	2.03	2.03	4.08	4.08
Grain drill	12 ft	0.21	8	200	7,000	77	3.37	0.71	5.17	1.09
Grain drill	20 ft	0.10	8	200	11,000	77	5.29	0.53	8.12	0.81
Harrow	6 Ft	0.41	10	200	460	88	0.20	0.08	0.29	0.12
Levee plow	8 Ft	0.05	10	150	4,000	50	1.33	0.07	3.34	0.17
PTO aerator	hour	1.00	10	426	2,600	25	0.15	0.15	0.76	0.76
Rotary mower	13.3 ft	0.13	10	150	6,500	44	1.91	0.25	5.43	0.71
Rotary mower-levees	6.7 ft	0.50	10	150	2,500	44	0.73	0.37	2.09	1.04
Side Mount Mower	6 ft	0.50	6	50	4,000	20	2.67	1.33	14.82	7.41
Spike harrow	18 ft	0.13	10	200	1,500	88	0.66	0.08	0.94	0.12
Tractor blade	6 ft	1.00	15	100	400	137	0.37	0.37	0.38	0.38
Water level	16 Ft	0.22	15	100	2,500	66	1.10	0.24	2.38	0.52

APPENDIX TABLE 4. 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, 1997.

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST	----FIXED COST----	
		COST	CONS			
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
10 HP PW EL (CF)	hour	0.005	0.575	0.031		21.00
10HP Aerator-10	hour	0.023	1.150	0.074		42.00
10HP Aerator-10(D)	hour	0.023	0.110	0.116		42.00
10HP Aerator-10(D,R)	HOUR	0.023	0.110	0.116		
10HP Aerator-10(R)	HOUR	0.023	1.150	0.074		
10HP Aerator-15	hour	0.012	0.767	0.047		28.00
10HP Aerator-15(D)	HOUR	0.012	0.073	0.074		28.00
Catfish Irr	acin	0.125	15.525	0.824		23.26
Catfish Irr (D)	acin	0.253	1.082	1.173		43.53
Catfish Irr (D,R)	acin	0.097	1.082	1.017		
Catfish irr (R)	acin	0.054	15.525	0.753		
Catfish P&E 4x15	acre	12.032	0.000	12.032		166.87
Catfish P&E 4x15 (R)	acre	12.032	0.000	12.032		12.71
Catfish P&E 6x10	acre	13.493	0.000	13.493		187.22
Catfish P&E 6x10 (R)	acre	13.493	0.000	13.493		12.71
CF P&E (recirculate)	acre	7.073	0.000	7.073		95.13
Feeder Truck	ton	3.693	1.200	5.133		47.47
IRR CF Double	acin	0.272	1.161	1.258		31.44
IRR CF North	acin	0.324	0.708	0.926		15.17
IRR CF Single	acin	0.477	1.161	1.464		31.44
P&E CF Double	acre	0.667	0.000	0.667		36.53
P&E CF North	acre	10.237	0.000	10.237		96.57
P&E CF Single	acre	6.520	0.000	6.520		89.55

APPENDIX TABLE 5. Estimated costs per acre,  
overhead costs, tenant-operator, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	0.7600	5.70	_____
OTHER					
Farmstead & drainage	dol	1.00	1.5700	1.57	_____
Utilities	dol	1.00	2.8100	2.81	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.2900	2.29	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1650	1.24	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
Shop bld. & equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	0.85	0.4050	0.34	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	3.7500	4.50	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.42	1.0000	0.42	_____
Self-Propelled Eq.	acre	2.53	1.0000	2.53	_____
Shop bld. & equip.	acre	3.26	1.0000	3.26	_____
INTEREST ON OP. CAP.	acre	2.20	1.0000	2.20	_____
TOTAL DIRECT EXPENSES				44.17	_____
FIXED EXPENSES					
Implements	acre	0.31	1.0000	0.31	_____
Tractors	acre	0.38	1.0000	0.38	_____
Self-Propelled Eq.	acre	6.05	1.0000	6.05	_____
Shop bld. & equip.	acre	2.54	1.0000	2.54	_____
TOTAL FIXED EXPENSES				9.29	_____
TOTAL SPECIFIED EXPENSES				53.46	_____

APPENDIX TABLE 6. Estimated costs per acre,  
overhead costs, owner-operators, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	1.2700	9.53	_____
OTHER					
Farmstead & drainage	dol	1.00	4.2500	4.25	_____
Utilities	dol	1.00	4.7900	4.79	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.7300	2.73	_____
Property tax	dol	1.00	1.6000	1.60	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1650	1.24	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
Shop bld. & equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	0.85	0.4050	0.34	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	3.7500	4.50	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.42	1.0000	0.42	_____
Self-Propelled Eq.	acre	2.53	1.0000	2.53	_____
Shop bld. & equip.	acre	3.26	1.0000	3.26	_____
INTEREST ON OP. CAP.	acre	2.70	1.0000	2.70	_____
TOTAL DIRECT EXPENSES				55.19	_____
FIXED EXPENSES					
Implements	acre	0.31	1.0000	0.31	_____
Tractors	acre	0.38	1.0000	0.38	_____
Self-Propelled Eq.	acre	6.05	1.0000	6.05	_____
Shop bld. & equip.	acre	2.54	1.0000	2.54	_____
TOTAL FIXED EXPENSES				9.29	_____
TOTAL SPECIFIED EXPENSES				64.48	_____