

Freshwater Shrimp Budget

Central Oklahoma 9/12/09

Containment pen method, no supplemental aeration

Baseline Assumptions

Acres of Ponds 1/10

Stocking Rate (prawns/1/10 ac. pen) 3000

Cost Per Prawn (\$) 0.07

Total yield (in lbs.) 240 (80lbs / 1000 stocked)

Sale Price (\$ per lb. whole) \$10.00

Estimated Enterprise Costs and Returns

DESCRIPTION	AMOUNT	UNIT PRICE	TOTAL
GROSS RETURNS/ 1/10 ACRE			
Prawns	240 lbs.	\$10.00	\$2400.00
VARIABLE COSTS/ACRE			
Stocking Rate (prawns 1/10 ac)	3000	\$0.07	\$210.00
Feed Cost (\$.27/lb)	50 bags (10)	\$13.50	\$135.00
Prawn pick-up	400 miles	\$.30/ mile	\$120.00
Ice for harvest	100 lb.	\$0.10	\$10.00
Oklahoma Aquaculture Permit	1	\$30.00	\$30.00
Diesel fuel and oil (water quality)			
Utilities 100 days			
AguaShade			
Fertilizer for pond			
Chemicals to kill pond			
Operator Labor (Harvesting)			
Feeding, Harvesting, and Marketing: Operator Labor (Feeding) 35 hours (20 minutes a day for 100 days)			
Total Variable Cost			\$505.00
RETURN ABOVE VARIABLE COSTS			\$1895.00

FIXED COSTS

Fixed Costs Depreciated

DESCRIPTION	AMOUNT	UNIT PRICE	TOTAL
Containment Netting 10 year depreciation	100'x8'	\$345.00	\$34.50/yr
Water Test Kit 10 seasons of tests	1	\$200	\$20.00/yr
TOTAL FIXED COSTS			\$54.50
TOTAL COSTS			\$559.50
TOTAL INCOME			\$2400.00
Return to Operator Labor, Land, Capital and Management			\$1840.50