GETTING STARTED WITH PRAWNS

So you want to go into business for yourself? There's big money in prawns! Or is there? The following article from the University of Hawaii is used by the University Extension Service to generate interest in raising prawns. The article presents a great deal of information in a small amount of space. The questions keyed to various paragraphs are designed to help you find the important ideas and concepts. Skim the article before you begin to answer the questions so that you will have some idea about what the authors are trying to do. Then go back and answer the questions in order. The information needed to answer a given question is found within the bracketed section attached to the question. Good luck and send me an invitation to your "Grand Opening Prawn Sale".



5. If you had to purchase your brood stock for your 10 acre pond, what would be your total "start-up" capital requirement be?	Thus, there is no charge for juveniles and if the cost of leasing land is \$450 per acre per year, operating expenses for the first year of production is approximately \$67,600. The total "start- up" capital for a 10-acre prawn operation is then about \$181,300.
6. Incorporate your answers to numbers 2, 3, and 5 and give a revised total:	Estimated construction and operational costs for a 10 acre prawn farm Construction cost
7. If the wholesale price drops to \$3.50 per pound, what is the expected profit?	The next step is to consider what kind of production to expect and what kind of profit can be realized. The current average prawn production is 2,500 pounds per acre per year, with the best farms reaching more than 3,000 pounds. If we take a very conservative figure of 2,250 pounds per acre for the first year
8. There is an error in this passage. To determine the break-even price divide the annual operating cost by the	per pound, an income of approximately \$8,437.50 per acre or \$84,375 for 10 acres can be expected. Subtracting the annual operating expense of \$67,600 from \$84,375 leaves a profit of \$16,775.
annual <u>yield of prawns in pounds</u> . What would be the break even price if the costs rose to \$78,000 per year? Please show your work	In order to determine the break-even price, divide the annual operating cost by the annual income. The result is that prawns sold at a price greater than \$3.00 per pound will yield a profit.
 If expenses dropped to \$60,000 per year what would the new rate of return be? Please show your work. 	The rate of return for operating a prawn farm can be calculated by dividing the annual profit by the annual operating cost. This return, 25 percent, can be increased by reducing the labor and feed expenses. Prawns can be wholesaled at the pond site, or sold live in
	containers to restaurants, stores, or markets.
10. You've decided to open your own drive-in prawn shop to cut out the middle man. If your costs and yield were the same as the estimates in the article but your selling price went up to \$5.00 per	Prawns are often sold live in tanks where customers are allowed to select the ones the wish to purchase. Even at a retail price of more than \$5.00 a pound for the whole animal, demand has been greater than the supply. Often, the amount available is sold within a few hours.
pound, what would your annual profit become? Please show your work.	Published with funding received by the University of Hawaii Sea Grant College Program under Institutional Grant No. 04-8M01-178 from NOAA Office of Sea Grant, Department of Commerce. The US Government is authorized to produce and distribute reprints for governmental purposes notwithstanding any copyright notations that may appear hereon.