



**2000 YELLOW PERCH PRODUCTION BUDGET <sup>1</sup>**  
**1/3 Acre Pond - Cage Culture**  
**1000 pounds - 3400 fish**

ITEM	EXPLANATION	PRICE PER UNIT	TOTAL	YOUR BUDGET
<b>RECEIPTS</b>				
Yellow Perch <sup>2</sup>	1000 lb.	\$3.00 /lb.	\$3,000	_____
<b>VARIABLE COSTS</b>				
Fingerlings <sup>3</sup>	3,912 fish	0.20 /fish	782	_____
Feed <sup>4</sup>	2000 lb.	0.40 /lb.	800	_____
Chemicals <sup>5</sup>		30 /cage	90	_____
Electricity <sup>6</sup>	607 hours	0.085 /kWh	26	_____
Hired Labor <sup>7</sup> 210 days	0.50 hr/day	7.50 /hr	788	_____
Building Cages <sup>8</sup>	20 hours	7.50	30	_____
Miscellaneous			40	_____
Ice	0.2 lb./fish	0.1 /lb.	68	_____
Hauling	100 miles	0.50 /mile	50	_____
Interest on Operating Cap.	7 mos.	9%	67	_____
<b>TOTAL VARIABLE COSTS</b>	<b>-Per Pond</b>		2741	_____
	<b>-Per Pound</b>		2.74	_____
<b>FIXED COSTS</b>				
Operator Labor <sup>7</sup>	15 hours	7.50 /hour	113	_____
Cages <sup>9</sup>	\$200 3 cages	20%	120	_____
Aerator <sup>10</sup>	\$450 1 aerator	17%	77	_____
Containers <sup>11</sup>	\$10 5 containers	20%	10	_____
Pickup Truck <sup>12</sup>	\$25,000 10% use on enterprise	20%	500	_____
Other Equipment			65	_____
Management Charge <sup>13</sup>		5% of gross	150	_____
<b>TOTAL FIXED COSTS</b>			1034	_____
<b>TOTAL COSTS</b>	<b>-Per Pond</b>		3775	_____
	<b>-Per Pound</b>		3.77	_____
<b>RETURN ABOVE VARIABLE COSTS</b>			259	_____
<b>RETURN ABOVE TOTAL COSTS</b>			(775)	_____

- <sup>1</sup> Assumes cages are anchored near the shore. A dock/and or boat should be included if cages are not anchored near shore.
- <sup>2</sup> Fish harvested at 0.29 lb.
- <sup>3</sup> 4" fingerlings purchased. 15% death loss assumed, therefore 3912 fingerlings purchased for 3400 fish harvested.
- <sup>4</sup> Based on feed conversion rate of 2.0.
- <sup>5</sup> Chemical cost is based on typical use. Cost may be higher or lower depending on severity of disease problems in fish population.
- <sup>6</sup> Aerators run six hours/day in June, July, & August plus 10% special aeration needs.  
Electricity use = 1 kW per 1 hp/hr of aeration
- <sup>7</sup> Hired hourly labor is considered a variable cost. Salary and operator/family labor is considered a fixed cost.
- <sup>8</sup> Cages must be assembled prior to use. Cages will typically last 5 years. Cost are therefore pro-rated over 5 years.
- <sup>9</sup> 4' x 4' x 8' cage purchased for \$200. 20% charge includes depreciation, interest, taxes, repairs, and insurance.
- <sup>10</sup> 1/2 hp aerator purchased for \$450 and expensed at 17%.
- <sup>11</sup> Containers for transporting fish after harvesting.
- <sup>12</sup> Pickup truck used for hauling fish and supplies. 10% costs charged to enterprise.
- <sup>13</sup> Management charge is an opportunity costs for operator's management skills.