



**2000 YELLOW PERCH PRODUCTION BUDGET**  
**1/3 Acre Pond - Pond Culture**  
**1000 pounds - 3000 fish**

ITEM	EXPLANATION	PRICE PER UNIT	TOTAL	YOUR BUDGET
<b>RECEIPTS</b>				
Yellow Perch <sup>1</sup>	1000 lb.	\$3.00 /lb.	\$3,000	_____
<b>VARIABLE COSTS</b>				
Fingerlings <sup>2</sup>	3,182 fish	0.20 /fish	636	_____
Feed <sup>3</sup>	1800 lb.	0.40 /lb.	720	_____
Chemicals <sup>4</sup>		60 /acre	20	_____
Electricity <sup>5</sup>	607 hours	0.085 /kWh	26	_____
Labor <sup>6</sup> 210 days	0.75 hr/day	7.5 /hr	1181	_____
Miscellaneous			40	_____
Ice	0.2 lb./fish	0.10 /lb.	61	_____
Hauling	100 miles	0.50 /mile	50	_____
Interest on Operating Cap.	7 mos.	9%	69	_____
<b>TOTAL VARIABLE COSTS</b>	<b>-Per Pond</b>		2803	_____
	<b>-Per Pound</b>		2.80	_____
<b>FIXED COSTS</b>				
Operator Labor <sup>6</sup>	22 hours	7.50 /hour	165	_____
Ponds <sup>7</sup>	\$9,000	15%	1350	_____
Aerator <sup>8</sup>	\$450      1 aerator	17%	77	_____
Containers <sup>9</sup>	\$10      5 containers	20%	10	_____
Pickup Truck <sup>10</sup>	\$25,000      10% use on enterprise	20%	500	_____
Seine Net	\$500      1 net	20%	100	_____
Other equipment			65	_____
Management Charge <sup>11</sup>		5% of gross	150	_____
<b>TOTAL FIXED COSTS</b>			2417	_____
<b>TOTAL COSTS</b>	<b>-Per Pond</b>		5219	_____
	<b>-Per Pound</b>		5.22	_____
<b>RETURN ABOVE VARIABLE COSTS</b>			197	_____
<b>RETURN ABOVE TOTAL COSTS</b>			(2219)	_____

- <sup>1</sup> Fish harvested at 0.33 lb.
- <sup>2</sup> 5% death loss assumed, therefore 3182 fingerlings purchased for 3000 fish harvested.
- <sup>3</sup> Based on feed conversion rate of 1.8.
- <sup>4</sup> Chemical cost is based on typical use. Cost may be higher or lower depending on severity of disease problems in fish population.
- <sup>5</sup> Aerators run six hours/day in June, July, & August plus 10% special aeration needs.  
10 aerators used in operation. Electricity use = 1 kW per 1 hp/hr of aeration
- <sup>6</sup> Hired hourly labor is considered a variable cost. Salary and operator/family labor is considered a fixed cost.
- <sup>7</sup> Pond constructed for \$9000. 15% charge includes depreciation, interest, taxes, repairs, and insurance.  
Pond assumed to have 20 year useful life.
- <sup>8</sup> 1/2 hp aerator purchased for \$450 and expensed at 17%.
- <sup>9</sup> Containers for transporting fish after harvesting.
- <sup>10</sup> Pickup truck used for hauling fish and supplies. 10% costs charged to enterprise.
- <sup>11</sup> Management charge is an opportunity costs for operator's management skills.