



2000 YELLOW PERCH PRODUCTION BUDGET ¹
2 Acre Pond - Cage Culture
5000 pounds - 17,000 fish

ITEM	EXPLANATION	PRICE PER UNIT	TOTAL	YOUR BUDGET
RECEIPTS				
Yellow Perch ²	5000 lb.	\$3.00 /lb.	\$15,000	_____
VARIABLE COSTS				
Fingerlings ³	19,558 fish	0.20 /fish	3912	_____
Feed ⁴	10,000 lb.	0.35 /lb.	3500	_____
Chemicals ⁵		30 /cage	150	_____
Electricity ⁶	607 hours	0.085 /kWh	52	_____
Hired Labor ⁷ 210 days	1.5 hr/day	7.50 /hr	2363	_____
Building Cages ⁸	100 hours	7.50 /hr	150	_____
Miscellaneous			100	_____
Ice	0.2 lb./fish	0.10 /lb.	340	_____
Hauling	100 miles	0.50 /mile	50	_____
Interest on Operating Cap.	7 mos.	9%	268	_____
TOTAL VARIABLE COSTS	-Per Pond		10884	_____
	-Per Pound		2.18	_____
FIXED COSTS				
Operator Labor ⁷	45 hours	7.50 /hour	338	_____
Cages ⁹	\$200 15 cages	20%	600	_____
Aerator ¹⁰	\$750 1 aerator	17%	128	_____
Containers ¹¹	\$10 25 containers	20%	50	_____
Pickup Truck ¹²	\$25,000 25% use on enterprise	20%	1250	_____
Other equipment			65	_____
Management Charge ¹³		5% of gross	750	_____
TOTAL FIXED COSTS			3180	_____
TOTAL COSTS	-Per Pond		14064	_____
	-Per Pound		2.81	_____
RETURN ABOVE VARIABLE COSTS			4116	_____
RETURN ABOVE TOTAL COSTS			936	_____

- ¹ Assumes cages are anchored near the shore. A dock/and or boat should be included if cages are not anchored near shore.
- ² Fish harvested at 0.29 lb.
- ³ 4" fingerlings purchased. 15% death loss assumed, therefore 19,558 fingerlings purchased for 17,000 fish harvested.
- ⁴ Based on feed conversion rate of 2.0.
- ⁵ Chemical cost is based on typical use. Cost may be higher or lower depending on severity of disease problems in fish population.
- ⁶ Aerators run six hours/day in June, July, & August plus 10% special aeration needs.
Electricity use = 1 kW per 1 hp/hr of aeration
- ⁷ Hired hourly labor is considered a variable cost. Salary and operator/family labor is considered a fixed cost.
- ⁸ Cages must be assembled prior to use. Cages will typically last 5 years. Cost are therefore pro-rated over 5 years.
- ⁹ 4' x 4' x 8' cage purchased for \$200. 20% charge includes depreciation, interest, taxes, repairs, and insurance.
- ¹⁰ 1hp aerator purchased for \$750 and expensed at 17%.
- ¹¹ Containers for transporting fish after harvesting.
- ¹² Pickup truck used for hauling fish and supplies. 25% costs charged to enterprise.
- ¹³ Management charge is an opportunity costs for operator's management skills.