



2000 YELLOW PERCH PRODUCTION BUDGET
17 - 1 Acre Ponds - Pond Culture
50,000 pounds - 150,000 fish

ITEM	EXPLANATION	PRICE PER UNIT	TOTAL	YOUR BUDGET
RECEIPTS				
Yellow Perch ¹	50000 lb.	\$3.00 /lb.	\$150,000	_____
VARIABLE COSTS				
Fingerlings ²	157,658 fish	0.20 /fish	31532	_____
Feed ³	90,000 lb.	0.29 /lb.	26100	_____
Chemicals ⁴		60 /acre	1020	_____
Electricity ⁵	10319 hours	0.085 /kWh	877	_____
Labor ⁶ 210 days	16 hr/day	7.50 /hr	25200	_____
Miscellaneous			1000	_____
Ice	0.2 lb./fish	0.10 /lb.	3003	_____
Hauling	100 miles	0.50 /mile	50	_____
Interest on Operating Cap.	7 mos.	9%	2250	_____
TOTAL VARIABLE COSTS	-Operation		91032	_____
	-Per Pound		1.82	_____
FIXED COSTS				
Operator Labor ⁶	300 hours	7.50 /hour	2250	_____
Ponds ⁷	\$150,000	15%	22500	_____
Aerator ⁸	\$750 17 aerators	17%	2168	_____
Containers ⁹	\$10 250 containers	20%	500	_____
Pickup Truck ¹⁰	\$25,000 100% use on enterprise	20%	5000	_____
Seine Net	\$500 2 nets	20%	200	_____
Other equipment			600	_____
Management Charge ¹¹		5% of gross	7500	_____
TOTAL FIXED COSTS			40718	_____
TOTAL COSTS	-Operation		131750	_____
	-Per Pound		2.63	_____
RETURN ABOVE VARIABLE COSTS			58968	_____
RETURN ABOVE TOTAL COSTS			18250	_____

- ¹ Fish harvested at 0.33 lb.
- ² 5% death loss assumed, therefore 157,658 fingerlings purchased for 150000 fish harvested.
- ³ Based on feed conversion rate of 1.8.
- ⁴ Chemical cost is based on typical use. Cost may be higher or lower depending on severity of disease problems in fish population.
- ⁵ Aerators run six hours/day in June, July, & August plus 10% special aeration needs.
17 aerators used in operation. Electricity use = 1 kW per 1 hp/hr of aeration
- ⁶ Hired hourly labor is considered a variable cost. Salary and operator/family labor is considered a fixed cost.
- ⁷ Ponds constructed for \$116,000. 15% charge includes depreciation, interest, taxes, repairs, and insurance.
Ponds assumed to have 20 year useful life.
- ⁸ 1 hp aerator purchased for \$750 and expensed at 17%. 17 aerators used in operation.
- ⁹ Containers for transporting fish after harvesting.
- ¹⁰ Pickup truck used for hauling fish and supplies. 100% costs charged to enterprise.
- ¹¹ Management charge is an opportunity costs for operator's management skills.