



2000 YELLOW PERCH PRODUCTION BUDGET
1.66 Acre Pond - Pond Culture
5000 pounds - 15,000 fish

ITEM	EXPLANATION	PRICE PER UNIT	TOTAL	YOUR BUDGET
RECEIPTS				
Yellow Perch ¹	5000 lb.	\$3.00 /lb.	\$15,000	_____
VARIABLE COSTS				
Fingerlings ²	15,909 fish	0.20 /fish	3182	_____
Feed ³	9,000 lb.	0.35 /lb.	3150	_____
Chemicals ⁴		60 /acre	100	_____
Electricity ⁵	607 hours	0.085 /kWh	52	_____
Labor ⁶ 210 days	2.25 hr/day	7.50 /hr	3544	_____
Miscellaneous			100	_____
Ice	0.2 lb./fish	0.10 /lb.	303	_____
Hauling	100 miles	0.50 /mile	50	_____
Interest on Operating Cap.	7 mos.	9%	266	_____
TOTAL VARIABLE COSTS	-Per Pond		10746	_____
	-Per Pound		2.15	_____
FIXED COSTS				
Operator Labor ⁶	68 hours	7.5 /hour	510	_____
Ponds ⁷ \$ 15,000		15%	2250	_____
Aerator ⁸ \$ 750	1 aerator	17%	128	_____
Containers ⁹ \$ 10	25 containers	20%	50	_____
Pickup Truck ¹⁰ \$ 25,000	25% use on enterprise	20%	1250	_____
Seine Net \$ 500	1 net	20%	100	_____
Other equipment			65	_____
Management Charge ¹¹		5% of gross	750	_____
TOTAL FIXED COSTS			5103	_____
TOTAL COSTS	-Per Pond		15848	_____
	-Per Pound		3.17	_____
RETURN ABOVE VARIABLE COSTS			4254	_____
RETURN ABOVE TOTAL COSTS			(848)	_____

- ¹ Fish harvested at 0.33 lb.
- ² 5% death loss assumed, therefore 15,909 fingerlings purchased for 15000 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.
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 Pond constructed for \$35,000. 15% charge includes depreciation, interest, taxes, repairs, and insurance.
Pond assumed to have 20 year useful life.
- ⁸ 1 hp aerator purchased for \$750 and expensed at 17%.
- ⁹ Containers for transporting fish after harvesting.
- ¹⁰ Pickup truck used for hauling fish and supplies. 25% costs charged to enterprise.
- ¹¹ Management charge is an opportunity cost for operator's management skills.