

Trout Production



National
Agricultural
Statistics
Service
Fact Finding
for Agriculture

United States
Department of
Agriculture

Agricultural
Statistics
Board

Washington, D.C.

RELEASED: SEPTEMBER 30, 1988
3:00 P.M. ET

RESULTS OF TROUT GROWERS SURVEY

Trout growers in 16 selected States sold a total of 58.9 million pounds of trout valued at \$63.6 million during the 12-month period beginning September 1, 1987 and ending August 31, 1988, according to the Agricultural Statistics Board. Foodsize trout sales accounted for 95 percent of the total pounds sold. In addition, 361 million trout eggs were sold, valued at \$2.84 million.

Foodsize trout sales totaled 56.0 million pounds during the period September 1, 1987 through August 31, 1988, with an average live weight of 0.79 pounds. The value of sales was \$57.9 million, averaging \$1.03 per pound. Sales intentions for the next 12 months are 20 percent above the current sales volume for foodsize fish. Growers sold processors 74 percent of their food-size trout.

Stocker trout sales totaled 9.53 million fish or 2.90 million live weight pounds during September 1, 1987 - August 31, 1988, averaging 0.30 pounds per trout. The value of sales amounted to \$5.77 million, at an average of \$1.99 per pound. The major sales outlet for stocker trout was to fee and recreational establishments with 42 percent of the total live weight sales, followed by 34 percent of sales to other producers.

Total losses for all trout was 36.3 million fish or 4.64 million pounds, averaging 0.128 pounds live weight. Disease was the leading cause of losses, accounting for 75 percent of the total fish lost.

* NOTICE *
* *
* Requests for a subscription order form covering all available reports *
* should be directed to Agricultural Statistics Board Publications, Room *
* 5829-South Building, USDA, Washington, D.C. 20250. (202) 447-4021. *
* *
* This report and other statistical, economic, marketing and news reports*
* are available electronically as soon as possible following release *
* through USDA's EDI SERVICE. For more information, call or write: *
* Russell Forte, (202) 447-5505, OGPA, USDA, Washington, D.C. 20250. *

PRODUCTION INPUT COSTS

Total expenditures associated with trout operations surveyed equaled \$51.2 million during the period of September 1, 1987 - August 31, 1988. Feed was the largest expenditure and totaled \$19.0 million or 37 percent of the total expenditures. Labor was the second largest expenditure equaling 25 percent.

Trout producers utilized a total water flow of 4509 cubic feet per second, according to the September 1, 1988 survey.

SURVEY PROCEDURES AND RELIABILITY

A list of 1163 possible trout operations was created. Over 500 growers met our criteria for commercial trout producers in 16 selected States. The selected States were; Calif., Colo., Ga., Ida., Ind., Mich., Mo., N.Y., N.C., Ore., Pa., Tenn., Utah, Va., Wash., and Wis. In 1981 Ala., Ark., and S.C., were also surveyed, but Colo., Ind., Mich., Ore., and Utah were not.

Information was collected either by mail, telephone, or personal interviews. Survey estimates are subject to non-sampling errors such as omissions, duplications and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and careful review of all reported data for consistency and reasonableness.

TROUT: NUMBER OF OPERATIONS, WATER FLOW, AND TOTAL SALES,
SEPTEMBER 1 TO AUGUST 31, 1981 AND 1988 1/

ITEM	1981	1988
OPERATIONS - NUMBER	263	518
WATER FLOW - CU.FT./SEC	2,817	4,509
FOODSIZE FISH SOLD		
NO. HEAD - (000)	66,547	70,430
LIVEWEIGHT - (000)LB	42,873	55,987
AVE. WT./FISH LBS	0.64	0.79
AVG. PRICE / LB \$	0.78	1.03
VALUE SOLD - (000)\$	33,435	57,862
STOCKER FISH SOLD		
NO. HEAD - (000)	7,256	9,528
LIVEWEIGHT - (000)LB	2,092	2,900
AVE. WT./FISH LBS	0.29	0.30
AVG. PRICE / LB \$	1.75	1.99
VALUE SOLD - (000)\$	3,660	5,770
TOTAL FISH SOLD		
NO. HEAD - (000)	73,803	79,958
LIVEWEIGHT - (000)LB	44,965	58,887
AVE. WT./FISH LBS	0.61	0.74
AVG. PRICE / LB \$	0.82	1.08
VALUE SOLD - (000)\$	37,095	63,632
EGGS SOLD -		
NO. EGGS - (000)	226,672	361,339
VALUE / (000 EGGS)\$	6.14	7.85
VALUE SOLD - (000)\$	1,392	2,837

1/ SEE SURVEY PROCEDURES, PAGE 2.

TROUT: OUTLET SALES PERCENTAGES BY SELECTED OUTLETS,
SEPTEMBER 1 TO AUGUST 31, 1981 AND 1988 1/

OUTLET	FOODSIZE		STOCKERS	
	1981	1988	1981	1988
PERCENT				
LIVE HAULERS	2	3	5	16
FEE & RECREATION	5	7	45	42
OTHER PRODUCERS	1	1	23	34
GOVT. AGENCIES	2/	2/		3
CONSUMERS	1	.1		
PROCESSORS	85	74		
RESTAURANTS OR DIRECT RETAIL	5	7		
OTHER SALES	1	7	27	5
TOTAL	100	100	100	100

1/ SEE SURVEY PROCEDURES, PAGE 2. 2/ LESS THAN 1 PERCENT.

TROUT: LOSSES BY CAUSE - NUMBER AND LIVWEIGHT,
SEPTEMBER 1 TO AUGUST 31, 1981 AND 1988 1/

CAUSE	1981		1988	
	NUMBER (000)	WEIGHT (000)	NUMBER (000)	WEIGHT (000)
DISEASE	37,279	1,474	27,223	1,770
THEFT/VANDALISM	167	71	126	81
CHEMICAL CONTAMINATION	290	50	80	19
DROUGHT	997	124	3,057	1,049
FLOODS	687	62	202	53
OTHER LOSSES	11,464	253	5,563	1,665
TOTAL	50,884	2,034	36,251	4,637

1/ SEE SURVEY PROCEDURES, PAGE 2.

TROUT: SELECTED INPUT PRODUCTION COSTS,
SEPTEMBER 1 TO AUGUST 31, 1981 AND 1988 1/

COST	:	1981	:	1988
THOUSAND DOLLARS				
FEED	:	20,113	:	18,972
FISH - STOCKING	:	1,069	:	3,327
EGGS - STOCKING	:	663	:	546
DRUGS, CHEMICALS	:	287	:	942
EQUIP. REPAIR	:	374	:	1,595
EQUIP. PURCHASE	:	1,226	:	2,165
FUEL & POWER	:	1,482	:	1,866
TRANSPORTATION	:	585	:	4,211
LABOR	:	3,948	:	12,901
INTEREST --	:		:	
OPERATING LOANS	:	1,144	:	684
PROPERTY LOANS	:	1,655	:	1,605
OTHER COSTS	:	542	:	2,354
TOTAL	:	33,088	:	51,168

1/ SEE SURVEY PROCEDURES, PAGE 2.

TROUT: SELECTED INPUT PURCHASES,
SEPTEMBER 1 TO AUGUST 31, 1981 AND 1988 1/

INPUT	:	1981	:	1988
TON				
FEED	:	43,116	:	45,116
THOUSANDS				
FISH - STOCKING	NO.:	6,218	:	11,659
EGGS - STOCKING	NO.:	102,046	:	57,801

1/ SEE SURVEY PROCEDURES, PAGE 2.

