

NASDA Survey Training

Catfish Production Survey – January 1, 2020

(CATFISH PDI)



**United States Department of Agriculture
National Agricultural Statistics Service**

NOD-Training Group
December 2019



General Survey Information

- Project Code: **170 - Aquaculture Survey**
- States:
 - AL, AR, CA, GA, LA, MO, MS, NC, TX
- Questionnaires:
 - Mailed out around December 20th
 - Web reporting option (EDR) available
- Release:
 - *Catfish Production*, February 2nd, 3PM EST

Who uses the Data?

- **Government agencies:** To determine sustainability, size, and structure of the industry for planning, policy-making, research and market analysis.
- **Growers:** Decisions about the future of their operations (expand/reduce production or compare production volumes/pricing points with state and U.S. averages).
- **Businesses/Suppliers:** Determine location of facilities for producers, plan for production/marketing of new products.
- **Extension/University:** Research needs and justify research funding and programs for new or improved production methods.

Interviewer's Manual

- Chapter 1 – General Information
- Chapter 2 – Terms and Definitions
- Chapter 3 – Survey Procedures
- Chapter 4 – Screening
- Chapter 5 – Completing the Questionnaire
 - Some good clarifying information for questions
- Appendix 1 – Catfish Length/Weight Table

Terminology

- **Broodfish:** Fish kept for egg production (also includes males), typically above 3 pounds.
- **Fry:** Fish under 2 inches in length weighing less than 2 pounds per 1,000 fish.
- **Fingerling:** Fish 2-6 inches in length weighing 2-60 pounds per 1,000 fish.
- **Foodsize:** Fish weighing over $\frac{3}{4}$ pound (excluding broodfish).
- **Stocker:** Fish over 6 inches in length weighing 60-750 pounds per 1,000 fish.

Survey Questions: Identification

- Any water area used to produce catfish in 2020?
 - YES: Survey
 - NO: next screening/identification question
- Any hatchery or foodsize production inventory on the operation during 2020?
 - YES: Survey
 - NO: next screening/identification question
- Any catfish sold during 2019?
 - YES: Survey
 - NO: next screening/identification question
- Any catfish on the operation in the future?
 - Has operation been sold, rented or turned over to someone else?
 - Leave notes on what happened/status of operation

Survey Questions: Water Area

- Total water area used and to be used during period of January 1 – June 30, 2020? Of that:
 - How many acres renovated?
 - How many acres used for broodfish?
 - How many acres used for foodsize?
 - How many acres used for fingerlings?
- Water area of **new facilities** during period of January 1 – June 30, 2020?
- Water area **taken out of production** during period of July 1 – December 31, 2019?

Recording Quantity and Weight Inventory

Catfish Inventory - size by category:

- Broodfish, Large/Med/Small Foodsize:
 - Report in Total Number and Average lb/fish **OR**
 - Report in Total Pounds and Average lb/fish
- Large/Small Stockers, Fingerlings:
 - Report in Total Number and Average lb/1,000 fish **OR**
 - Report in Total Pounds and Average lb/1,000 fish

Survey Questions: Inventory

- **Broodfish:** Total number OR total weight in pounds, avg. lbs. per fish
- **Foodsize:** Total number OR total weight in pounds, average lbs. per fish of:
 - Large (over 3 lbs.)
 - Medium (over 1½ - 3 lbs.)
 - Small (over ¾ lbs. – 1½ lbs.)
- **Stockers:** Total number OR total weight in pounds, avg. lbs. per 1,000 fish
 - Large (180-750 lbs. per 1,000 fish)
 - Small (60-180 lbs. per 1,000 fish)
- **Fingerlings:** Total number OR total weight in pounds, avg. lbs. per 1,000 fish
 - (2-6 inches or 2-60 lbs. per 1,000 fish)

Survey Questions: **2019** Total Sales

- **Broodfish:**
 - All used or to be used for breeding
 - All previously used for breeding
- **Foodsize:** All over $\frac{3}{4}$ lbs. per fish
- **Stockers:** Over 6 inches or 60 -750 lbs./1,000 fish
- **Fingerlings:** 2-6 inches or 2-60 lbs./1,000 fish
- **Fry:** Under 2 inches or less than 2 lbs./1,000 fish

Survey Questions: 2019 Total Sales

- Report for each of those 6 categories:
 - Total number sold
 - Total live weight lbs.
 - Total Sales in dollars
 - Exclude cleaning charges
- Point of First Sale Outlet. Report percent of Foodsize and Stocker sales to:
 - Live haulers/brokers
 - Recreational stocking
 - Wholesale to other producers
 - Government agencies
 - Direct to consumer
 - Processors
 - Retail Outlets
 - Export
 - Other

Watch Out For:

- Weight per fish is more/less than expected for that size category
- Percentage of sales by outlet must equal 100%
- High or Low Price per pound
- Large changes in total water acreage

In Conclusion

- Leave comments for any unusual circumstances. Especially important on these specialty livestock surveys.
 - If large losses are reported, leave a comment
- If you have any questions refer to your Interviewer's Manual or contact your supervisor/local field office.
- Have a good survey!