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 20\textsuperscript{th}
  – Web reporting option (EDR) available

• Release:
  – *Catfish Production*, February 2\textsuperscript{nd}, 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 ¾ 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!