

Pest Detection / CAPS Survey Accomplishment Report Template – FY2022

Year:	2023
State:	Louisiana
Cooperative Agreement Name:	Cotton Seed Bug Survey
FAIN:	AP23PPQFO000C464
Project Funding Period:	June 1, 2023 through December 31, 2023
Project Report:	PD / CAPS Survey Report
Project Document Date:	April 8, 2024
Cooperators Project Coordinator:	State Survey Coordinator (SSC)
Name:	J. Brett Laird
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

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- A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. If reporting on a combined surveys work plan, report accomplishments by survey. When the output can be quantified, a computation of cost per unit is required when useful.

The Louisiana Department of Agriculture and Forestry (LDAF) entered into a Cooperative Agreement with the United States Department of Agriculture (USDA), Animal Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) in 2023 to conduct a Cotton Seed Bug Survey. LDAF conducted this survey according to survey guidelines set forth by the USDA, APHIS, PPQ in 2023. This is a multi-state survey effort in the cotton growing region of the South.

LDAF Agriculture and Environmental Science (AES) inspectors and Boll Weevil Eradication Program (BWEPE) employees were utilized to conduct this survey. This was a visual survey consisting of LDAF BWEPE field staff inspecting 40 commercial cotton fields 5 times during the 16-week growing period. The LDAF BWEPE staff also inspected 19 cotton gins and 7 warehouses in the cotton growing region of the state. LDAF BWEPE staff collected 40 samples which were pre-screened by the state entomologist designee and determined to be negative for Cotton Seed Bug. LDAF AES inspectors surveyed an additional 240 locations at nursery growers and nursery stock dealers that sell Hibiscus. Priority for these inspections was given to 45 locations that received Hibiscus nursery stock from California, where Cotton Seed Bug is known to occur. There were no samples submitted from the 240 inspections made by LDAF AES.

Outreach continues to be a major objective for the Cotton Seed Bug Survey and is performed at each location with property and business owners. LDAF AES and BWEPE inspectors educate each property / business owner of the survey target and the symptoms associated with this pest, thus increasing public awareness and communication of the threats posed by this targeted pest. LDAF created and purchased tri-fold brochures and plastic pocket size identification cards to disperse to all concerned stakeholders.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$49,987	Proposed = n/a	Proposed= n/a
Actual = \$49,987	Actual = n/a	Actual = n/a

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Cotton Seed Bug	<i>Oxycarenus hyalinipennis</i>

	Proposed	Actual
Sites (Locations):	181	306
Traps:	n/a	n/a

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Counties:	Acadia, Allen, Ascension, Avoyelles, Beauregard, Bossier, Caddo, Calcasieu, Catahoula, Concordia, East Baton Rouge, East Carroll, Franklin, Iberia, Iberville, Jefferson, Lafayette, LaSalle, Lafourche, Lincoln, Livingston, Madison, Morehouse, Natchitoches, Orleans, Ouachita, Plaquemines, Pointe Coupee, Rapides, Red River, Richland, St. Charles, St. Landry, St. Martin, St. Mary, St. Tammany, Tangipahoa, Tensas, Terrebonne, Union, Vermilion, Vernon, Washington, Webster, West Baton Rouge, West Carroll.
Number of Counties:	46

2. Survey dates:

	Proposed	Actual
Survey Dates:	June 1, 2023 through December 31, 2023	June 1, 2023 through December 31, 2023

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	n/a	n/a	n/a

4. Database submissions:

Was all Pest Detection / CAPS survey data entered into the National Agricultural Pest Information System (NAPIS)? If not, please provide a justification. *ADODRs should consult with the [CAPS Accountability Report](#) to confirm data entry.*

All survey data was entered into the NAPIS database at the conclusion of the survey by Brett Laird (SSC, Louisiana).

B. If appropriate, explain why objectives were not met.*

All objectives proclaimed for this survey were obtained and exceeded.

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000. *

The Cotton Seed Bug Survey had minimal cost overruns in the amount of \$1,593 at the ending point of the survey.

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**Cotton Seed Bug Survey
AP23PPQFO000C464**

Approved and signed by:

Dina Peltier

Cooperator

Date: 4/8/24 _____

ADODR

Date: _____