

**Plant Protection Act §7721
Survey Accomplishment Report Template – FY2023**

Year:	2023
State:	Louisiana
Cooperative Agreement Name:	Solanaceous Commodity Survey
FAIN:	AP23PPQFO000C229
Project Funding Period:	April 1, 2023 through December 31, 2023
Project Report:	PPA 7721 Survey Report
Project Document Date:	April 8, 2024
Cooperators Project Coordinator:	J. Brett Laird
Name:	State Survey Coordinator
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

- A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. 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 trap and visual survey for 3 Solanaceous Commodity Pests. LDAF conducted this survey according to survey guidelines set forth by the USDA APHIS PPQ in 2023. This PPA 7721 funded project executed by LDAF is strengthening its relationships with a statewide network of cooperators that are helping to identify exotic pest threats, determining, and implementing the most effective means of preventing, detecting, and responding to new exotic pests. LDAF is also communicating risks and needs to land management personnel, relevant industries, and the public.

LDAF Agriculture and Environmental Science (AES) inspectors deployed 3 traps at 19 sites throughout the state. Our state is divided into 8 Districts and each District was assigned a set number of sites for this survey. 57 traps were deployed at 19 sites throughout the state. Traps were serviced every 2 weeks and lures were changed every month according to the USDA APHIS PPQ approved methods. Traps were deployed in the first week of May 2023 and decommissioned the last week of August 2023. All trap catches were shipped to Dr. Joshua Jones (PPQ Identifier) in Kenner, Louisiana. Dr Jones reported that no targeted pests were identified for this survey.

Outreach continues to be a major objective for the Solanaceous Commodity Survey and is performed prior to trap deployment and every time traps are serviced. LDAF AES inspectors educate each property owner of the survey targets and the symptoms associated with each, thus increasing public awareness and communication of the threats posed by the 3 targeted Solanaceous Commodity Pests.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$18,773	Proposed = 57	Proposed= n/a
Actual = \$18,773	Actual = 57	Actual = n/a

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Old World Bollworm	<i>Helicoverpa armigera</i>
	Tomato Leafminer	<i>Tuta absoluta</i>
	Tomato Fruit Borer	<i>Neoleucinodes elegantalis</i>

	Proposed	Actual
Sites (Locations):	19	19
Traps:	57	57

Number of Counties:	15
Counties:	Avoyelles, Beauregard, Bossier, Caddo, Jefferson Davis, Lafourche, Plaquemines, Pointe Coupee, Rapides, Red River, St. Charles, St. Landry, Tangipahoa, Vermilion, West Carroll.

2. Survey dates:

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

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	0	57	57

4. Database submissions:

Survey data was entered into the NAPIS database by Brett Laird (SSC, Louisiana) in January, 2024.

- B. If appropriate, explain why objectives were not met.
All objectives were met and exceeded for this survey.
- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.
At the conclusion of this survey, cost overruns were experienced in the amount of \$ 4,692. This was a result of more than expected personnel, fringe benefits and travel.

Solanaceous Commodity Survey
AP23PPQFO000C229

Approved and signed by:

Dina Peltier

Cooperator

Date: 4/8/24 _____

ADODR

Date: _____