

**Plant Protection Act §7721  
Survey Accomplishment Report Template – FY2024**

<b>Year:</b>	<b>2024</b>
<b>State:</b>	<b>Louisiana</b>
<b>Cooperative Agreement Name:</b>	<b>Solanaceous Commodity Survey</b>
<b>FAIN:</b>	<b>AP24PPQFO000C180</b>
<b>Project Funding Period:</b>	<b>April 1, 2024 through December 31, 2024</b>
<b>Project Report:</b>	<b>PPA 7721 Survey Report</b>
<b>Project Document Date:</b>	<b>March 11, 2025</b>
<b>Cooperators Project Coordinator:</b>	<b>J. Brett Laird</b>
<b>Name:</b>	<b>State Survey Coordinator</b>
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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 2024 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 2024. 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, 2024 and decommissioned the last week of August, 2024. All trap catches were shipped to Dr. Joshua Jones (PPQ Identifier) in Kenner, Louisiana. Dr. Jones reported on October 1, 2024 that all trap catches were negative for the targeted pests.

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 = \$22,535	Proposed = 57	Proposed= n/a
Actual = \$22,535	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
<b>Sites (Locations):</b>	<b>19</b>	<b>19</b>
<b>Traps:</b>	<b>57</b>	<b>57</b>

<b>Number of Counties:</b>	<b>15</b>
<b>Counties:</b>	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
<b>Survey Dates:</b>	<b>April 1, 2024 through December 31, 2024</b>	<b>April 1, 2024 through December 31, 2024</b>

**3. Benefits and results of survey:**

	Positive	Negative	Total Number
<b>Traps</b>	<b>0</b>	<b>57</b>	<b>57</b>

**4. Database submissions:**

Survey data was entered into the NAPIS database by Brett Laird (SSC, Louisiana) on entered 01-15-2025

- B. If appropriate, explain why objectives were not met.**  
All objectives were achieved during 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 \$ 1,349. This was a result of more than expected personnel, fringe benefits and travel.