

**Plant Protection Act §7721  
Survey Accomplishment Report Template – FY2022**

<b>Year:</b>	<b>2022</b>
<b>State:</b>	<b>Louisiana</b>
<b>Cooperative Agreement Name:</b>	<b>Solanaceous Commodity Survey</b>
<b>FAIN:</b>	<b>AP22PPQFO000C101</b>
<b>Project Funding Period:</b>	<b>April 1, 2022 through December 31, 2022</b>
<b>Project Report:</b>	<b>PPA 7721 Survey Report</b>
<b>Project Document Date:</b>	<b>March 14, 2023</b>
<b>Cooperators Project Coordinator:</b>	<b>J. Brett Laird</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 2022 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 2022. This PPA 7721 funded project executed by LDAF is strengthening its relationships with a state wide 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 were projected to deploy 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, 2022 and decommissioned the last week of August, 2022. Trap catches for Tomato Leafminer (TLM) (*Tuta absoluta*) and Tomato fruit borer (TFB) (*Neoleucinodes elegantalis*) were shipped to Mr. Alex Cunningham (PPQ Identifier) in Kenner, Louisiana. Trap catches for Old world bollworm (OWB) (*Helicoverpa armigera*) were shipped to Mrs. Jennifer Seltzer at Mississippi State University for identification. No targeted pests were reported at the conclusion of 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 = \$17,000	Proposed = 57	Proposed= n/a
Actual = \$17,000	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:	14
Counties:	Acadia, Avoyelles, Beauregard, Bossier, Caddo, Lafourche, Plaquemines, Pointe Coupee, Rapides, Red River, St. Charles, St. Landry, Tangipahoa, West Carroll.

2. Survey dates:

	Proposed	Actual
Survey Dates:	April 1, 2022 through December 31, 2022	April 1, 2022 through December 31, 2022

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) at the conclusion of the survey.

- B. If appropriate, explain why objectives were not met.  
All objectives were obtained during this survey.
- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.  
The Solanaceous Commodity incurred cost overruns of \$9,036 at the conclusion of the survey. The cost overruns was due to more than expected personnel, fringe benefits and travel charges.