

**Plant Protection Act §7721
Survey Accomplishment Report Template – FY2019**

Year:	2019
State:	Louisiana
Cooperative Agreement Name:	Solanaceous Commodity Survey
FAIN:	AP19PPQFO000C129
Project Funding Period:	April 1, 2019 through December 31, 2019
Project Report:	PPA 7721 Survey Report
Project Document Date:	March, 2020
Cooperators Project Coordinator:	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"/>

- 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 2019 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 2019. 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 20 sites throughout the state. Our state is divided into 7 Districts and each District was assigned a set number of sites for this survey. 60 traps were deployed at 20 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, 2019 and decommissioned the last week of August, 2019. All trap catches were shipped to Mrs. Jennifer Seltzer at Mississippi State University. No targeted pests were reported for this survey.

The Opelousas District was assigned 2 trap sites for this survey. Traps were deployed, serviced once and picked up one month earlier than projected. These inadequacies were due to managerial changes, assigned inspector out for emergency medical emergency for an extended period of time and lack of communication. These inadequacies have been addressed and corrected. No unobligated funds occurred as a result of this issue.

Outreach continues to be a major objective for the Solanaceous Commodity Survey and is performed prior to trap deployment and at every trap service. LDAF AES inspectors educate each property owner about 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 = 60	Proposed= n/a
Actual = \$17,000	Actual = 60	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):	20	20
Traps:	60	60

Number of Counties:	13
Counties:	Avoyelles, Beauregard, Bossier, Caddo, Lafourche, Livingston, Pointe Coupee, Rapides, Red River, St. Charles, St. Landry, Tangipahoa, West Carroll.

2. Survey dates:

	Proposed	Actual
Survey Dates:	April 1, 2019 through December 31, 2019	April 1, 2019 through December 31, 2019

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	0	60	60

4. Database submissions:

Survey data has been entered into the NAPIS database by Brett Laird (SSC, Louisiana).

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

All objectives were met during this survey.

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

The Solanaceous Commodity Survey incurred cost overruns of approximately \$8,432. This overrun was due to more than expected personnel, fringe benefits and travel charges.