

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

<b>Year:</b>	<b>2023</b>
<b>State:</b>	<b>Louisiana</b>
<b>Cooperative Agreement Name:</b>	<b>Citrus Commodity Survey</b>
<b>FAIN:</b>	<b>AP23PPQFO000C263</b>
<b>Project Funding Period:</b>	<b>April 1, 2023 through December 31, 2023</b>
<b>Project Report:</b>	<b>PPA 7721 Survey Report</b>
<b>Project Document Date:</b>	<b>April 8, 2024</b>
<b>Cooperators Project Coordinator:</b>	<b>J. Brett Laird</b>
<b>Name:</b>	<b>State Survey Coordinator</b>
<b>Agency:</b>	<b>Louisiana Department of Agriculture and Forestry</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 2023 to conduct a visual survey for 11 Citrus 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 were projected to inspect 40 locations in the Spring / Summer and 40 locations in the Fall. Five of our eight districts located in the Southern portion of Louisiana were utilized for this survey.

At the conclusion of this survey, LDAF AES inspectors have surveyed 43 locations in the Spring and 43 locations in the Fall. LDAF AES inspectors submitted 38 samples resulting in 12 positives for Citrus Greening (*Liberibacter spp.*) and one positive for Citrus Canker (*Xanthomonas axonopodis pv. Citri*). All positive samples were taken in previously quarantined parishes for the respective pest. Dr. Singh at LSU continues to perform diagnostics for Quarantined parishes and USDA APHIS PPQ labs continue to confirm diagnostics for non-Quarantined parishes. There was a total of 3,731 citrus trees inspected by LDAF AES inspectors during this survey.

Outreach continues to be a major objective for the Citrus Commodity Survey and is performed prior to every inspection. LDAF AES inspectors educate each tree owner of the survey targets and the symptoms associated with each, thus increasing public awareness and communication of the threats posed by the 11 targeted Citrus Commodity Pests.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$13,853	Proposed = n/a	Proposed= n/a
Actual = \$13,853	Actual = n/a	Actual = n/a

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Citrus Black Spot Sweet Orange Scab Citrus blackfly Diaprepes root weevil Asian Citrus Psyllid Citrus Canker Citrus Greening (African Strain) Citrus Greening (Asian Strain) Citrus Variegated Chlorosis Strain Black Scale Citrus Longhorned Beetle	Phyllosticta citricarpa Elsinoe australis Aleurocanthus woglumi Diaprepes abbreviatus Diaphorina citri, kuwayama Xanthomonas axonopodis pv. citri Candidatus Liberibacter africanus Candidatus Liberibacter asiaticus Xylella fastidiosa Saissetia oleae Anoplophora chinensis

	Proposed	Actual
Sites (Locations):	80	86
Traps:	n/a	n/a

Number of Counties:	30
Counties:	Acadia, Allen, Ascension, Assumption, Beauregard, Calcasieu, Cameron, East Baton Rouge, Iberia, Iberville, Jefferson, Jefferson Davis, Lafayette, Lafourche, Livingston, Orleans, Plaquemines, Pointe Coupee, St. Bernard, St. Charles, St. Helena, St. James, St. John the Baptist, St. Martin, St. Tammany, Tangipahoa, Terrebonne, Vermilion, Washington, West Baton Rouge.

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	n/a	n/a	n/a

**4. Database submissions:**

Survey data has been entered into the NAPIS database by Brett Laird (SSC, Louisiana) for the 2023 Citrus Commodity Survey.

- B. If appropriate, explain why objectives were not met.  
All objectives were met and exceeded at the conclusion of the survey.
- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.  
The Citrus Commodity Survey had cost overruns in the amount of \$8,267 at the conclusion of the survey. This was a result of more than expected personnel, fringe benefits and travel charges.

Citrus Commodity Survey  
AP23PPQFO000C263

Approved and signed by:

*Dina Peltier*  
Cooperator

Date: 4/8/24

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ADODR

Date: \_\_\_\_\_