

**Plant Protection Act §7721  
Survey Accomplishment Report Template – FY2020**

<b>Year:</b>	<b>2020</b>
<b>State:</b>	<b>Louisiana</b>
<b>Cooperative Agreement Name:</b>	<b>Citrus Commodity Survey</b>
<b>FAIN:</b>	<b>AP20PPQFO000C239</b>
<b>Project Funding Period:</b>	<b>April 1, 2020 through December 31, 2020</b>
<b>Project Report:</b>	<b>PPA 7721 Survey Report</b>
<b>Project Document Date:</b>	<b>March, 2021</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>
<b>Address:</b>	<b>5825 Florida Blvd. Suite 3002</b>
<b>City/ Address/ Zip:</b>	<b>Baton Rouge, Louisiana 70821</b>
<b>Telephone:</b>	<b>985 - 543 - 4024</b>
<b>E-mail:</b>	<b>brett_l@daf.state.la.us</b>

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 2020 to conduct a visual survey for 13 Citrus Commodity Pests. LDAF conducted this survey according to survey guidelines set forth by the USDA APHIS PPQ in 2020. 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 inspect 30 locations in the Spring / Summer and 30 locations in the Fall. Four of our seven districts located in the Southern portion of Louisiana were utilized for this survey.

At the conclusion of the survey, LDAF AES inspectors have surveyed 46 locations submitting 22 samples in the Spring and 51 locations submitting 39 samples in the Fall. The combined total for the survey, LDAF AES inspectors surveyed 97 locations and submitted 61 samples. Results of the 61 samples submitted consist of 20 positives for Citrus Greening (*Liberibacter spp.*) and 36 positives for Citrus Canker (*Xanthomonas axonopodis pv. Citri*) with 11 samples being positive for both diseases. All positive samples were taken in previously quarantined parishes for the respective pest. All positive citrus greening trees will be placed on our removal list once consent forms are signed by the tree owners. Dr. Singh at LSU continues to perform diagnostics for Quarantined parishes and USDA APHIS PPQ labs continue to confirm diagnostics for non-Quarantined parishes.

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 13 targeted Citrus Commodity Pests.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$13,280	Proposed = n/a	Proposed= n/a
Actual = \$13,280	Actual = n/a	Actual = n/a

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
<b>Pest:</b>	Asian Citrus Psyllid Black Scale Citrus Black Spot Citrus Canker Citrus Greening (African Strain) Citrus Greening (Asian Strain) Citrus Variegated Chlorosis Strain Citrus Weevil Chilli Thrips Fruit Piercing Moth Spiny Black fly Passion Vine Mealy Bug Sweet Orange Scab	<i>Diaphorina citri</i> , Kuwayama <i>Saissetia oleae</i> <i>Guignardia citricarpa</i> <i>Xanthomonas axonopodis</i> pv. <i>Citri</i> <i>Liberibacter spp.</i> <i>Liberibacter spp.</i> <i>Xylella fastidiosa</i> <i>Diaprepes abbreviatus</i> <i>Scirtothrips dorsalis</i> <i>Eudocima fullonia</i> <i>Aleurocanthus spiniferus</i> <i>Planococcus minor</i> <i>Elsinoe australis</i>

	Proposed	Actual
<b>Sites (Locations):</b>	60	97
<b>Traps:</b>	n/a	n/a

<b>Number of Counties:</b>	25
<b>Counties:</b>	Acadia, Allen, Ascension, Beauregard, Calcasieu, East Baton Rouge, East Feliciana, Iberia, Jefferson, Jefferson Davis, Lafourche, Livingston, Orleans, Plaquemines, Pointe Coupee, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Landry, St. Martin, St. Tammany, Tangipahoa, Terrebonne, Vermilion.

2. Survey dates:

	Proposed	Actual
<b>Survey Dates:</b>	January 1, 2020 through December 31, 2020	April 1, 2020 through December 31, 2020

3. Benefits and results of survey:

	Positive	Negative	Total Number
<b>Traps</b>	n/a	n/a	n/a

**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 exceeded at the conclusion of this survey.**
  
- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.  
The Citrus Commodity Survey incurred cost overruns of \$2,774.00 at the conclusion of this survey. This cost overrun was due to more than expected inspections (personnel), fringe benefits, travel and samples submitted to the lab.**