

# Farm Bill Survey Accomplishment Report Template

## Farm Bill Survey Report

<b>Year:</b>	<b>2016</b>
<b>State:</b>	<b>Louisiana</b>
<b>Cooperative Agreement Name:</b>	<b>Citrus Commodity Survey</b>
<b>Cooperative Agreement Number:</b>	<b>16-8422-0990-CA</b>
<b>Project Funding Period:</b>	<b>April 1, 2016 through December 31, 2016</b>
<b>Project Report:</b>	<b>Farm Bill Survey Report</b>
<b>Project Document Date:</b>	<b>March 13, 2017</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 2016 to conduct a visual survey for 13 Citrus Commodity Pests. LDAF is conducting this survey according to survey guidelines set forth by the USDA APHIS PPQ in 2016. This Farm Bill 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. Inspectors surveyed trees in the Spring / Summer inspections at residential and commercial groves and trees and fruit in the Fall inspections at commercial, residential and retail locations. Inspectors also responded to call-ins and/or complaints throughout the year which increased the number of inspections performed.

At the close of 2016, inspectors completed 48 inspections during the Spring / Summer season and 90 inspections during the Fall season for a total of 138 inspections on the year. There were a total of 12,744 trees inspected during this survey encompassing 28 parishes throughout the southern portion of the state. Inspectors submitted 59 tissue samples taken from locations inside the already established quarantine area to Dr. Singh at Louisiana State University (LSU) for identification of disease problems. Dr. Singh reported that 26 samples have been diagnosed with Citrus Canker (*Xanthomonas axonopodis pv. Citri*) and 4 samples have been diagnosed with Citrus Greening (*Liberibacter spp.*). Inspectors also submitted 4 tissue samples taken from locations outside the already established quarantine to the PPQ laboratory that resulted in 3 samples being diagnosed with Citrus Canker (*Xanthomonas axonopodis pv. Citri*). New quarantine considerations are in play as a result of this survey. Outreach efforts are continuous throughout the year and with each inspection.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$9,556	Proposed = n/a	Proposed= n/a
Actual = \$9,556	Actual = n/a	Actual = n/a

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Asian Citrus Psyllid Black Scale Citrus Black Spot Citrus Canker Citrus Greening (African Strain) Citrus Greening (Asian Strain) Citrus Variegated Chlorosis Strain Citrus Weevil Chili 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
Sites (Locations):	60	138
Traps:	n/a	n/a

Number of Counties:	28
Counties:	Acadia, Allen, Ascension, Assumption, Beauregard, Calcasieu, Evangeline, Iberia, Iberville, Jefferson, Jefferson Davis, Lafayette, Lafourche, Livingston, Orleans, Plaquemines, Pointe Coupee, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, Vermilion, Washington.

2. Survey dates:

	Proposed	Actual
Survey Dates:	April 1, 2016 through December 31, 2016	April 1, 2016 through December 31, 2016

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	n/a	n/a	n/a

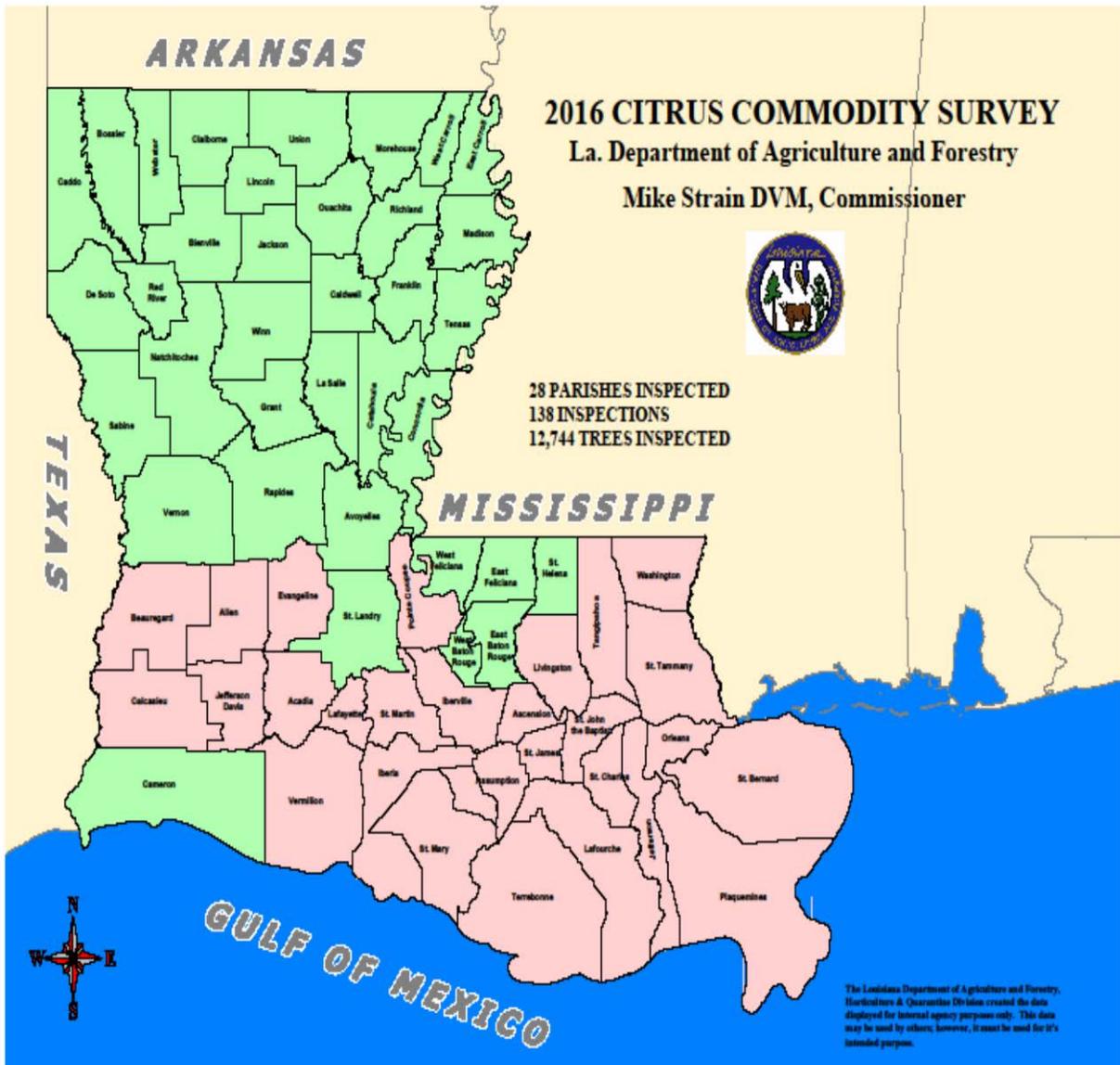
4. Database submissions:

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

All objectives were exceeded during this survey, inspecting 138 locations. We have made good progress finding 33 positives and visually inspecting 12,744 citrus trees.

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

Cost overruns were incurred by LDAF due to the large number of inspections and samples taken.



**Citrus Commodity Survey  
16-8422-0990-CA**

**Approved and signed by:**

\_\_\_\_\_  
**Cooperator**

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

\_\_\_\_\_  
**ADODR**

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