

Farm Bill Survey Accomplishment Report Template

Farm Bill Survey Report

Year:	2018
State:	Louisiana
Cooperative Agreement Name:	Citrus Commodity Survey
FAIN:	AP18PPQFO000C188
Project Funding Period:	April 6, 2018 through December 31, 2018
Project Report:	Farm Bill Survey Report
Project Document Date:	February, 2019
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 2018 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 2018. 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 are being utilized for this survey.

Our 2018 Citrus Commodity Survey started off the year with searching for locations to host the research project that we are partnering with Louisiana State University on to determine which satsuma varieties are the least susceptible to citrus canker. Numerous inspections were made searching for the correct parameters for these locations. Commissioner Strain issued a press release in regards to LDAF's involvement with this project. Currently, these locations were found and this research project is underway. However, no CAPS or Farm Bill funding was utilized for this project.

Delimiting surveys were conducted in St. Bernard parish and Plaquemines parish for Citrus Greening (*Liberibacter spp.*). LDAF AES inspectors also conducted a delimiting survey for Citrus Canker (*Xanthomonas axonopodis pv. Citri*) in Livingston and East Baton Rouge parishes, as well as, conducting our proposed Citrus Commodity Survey and responding to call ins and/or complaints from concerned citrus tree owners. LDAF AES inspectors have inspected 239 locations and have taken 292 tissue samples. Dr. Singh at LSU continues to perform diagnostics for Quarantined parishes and USDA APHIS PPQ labs continue to confirm diagnostics for non-Quarantined parishes. We have confirmed positives for citrus greening (*Liberibacter spp.*) and citrus canker (*Xanthomonas axonopodis pv. Citri*) in non-Quarantined parishes as a result of the Citrus Commodity Survey inspections. No other survey targets were detected during the Citrus Commodity Survey inspections. 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. LDAF and PPQ assisted each other in a collaborative effort in the Plaquemines Parish Delimiting Survey and continue to work together on many issues concerning citrus pests. LDAF AES inspectors will continue to respond to complaints or call-ins throughout the year.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$12,000	Proposed = n/a	Proposed= n/a
Actual = \$12,000	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 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</i> spp. <i>Liberibacter</i> spp. <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	239
Traps:	n/a	n/a

Number of Counties:	22
Counties:	Acadia, Beauregard, Calcasieu, Cameron, East Baton Rouge, Evangeline, Iberia, Iberville, Jefferson, Lafayette, Lafourche, Orleans, Plaquemines, Pointe Coupee, St. Bernard, St. Landry, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, Vermilion.

2. Survey dates:

	Proposed	Actual
Survey Dates:	January 1, 2018 through December 31, 2018	April 6, 2018 through December 31, 2018

3. Benefits and results of survey:

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

4. Database submissions:

Survey data was entered into the NAPIS database by Brett Laird (SSC, Louisiana) at the conclusion of the survey. This survey data will also be entered into the IPHIS database by PPQ Louisiana (acting PSS) at the conclusion of this survey as requested.

- B. If appropriate, explain why objectives were not met.**
All objectives have exceeded expectations inspecting 239 locations for the targeted pests.
- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.**
LDAF incurred cost overruns in the amount of \$27,055 for the 2018 Citrus Commodity Survey.

LDAF and PPQ attended a Citrus Symposium organized by LSU on October 5, 2018.



