

Farm Bill Survey Accomplishment Report Template

Farm Bill Survey Report

Year:	2014
State:	Louisiana
Cooperative Agreement Name:	Sudden Oak Death Survey
Cooperative Agreement Number:	14 – 8422 – 1734 - CA
Project Funding Period:	January 1, 2014 to December 31, 2014
Project Report:	Farm Bill Survey Report
Project Document Date:	January, 2015
Cooperators Project Coordinator:	State Survey Coordinator (SSC)
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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 2014 to conduct a visual and water baiting survey for *Phytophthora ramorum*. LDAF conducted this survey according to survey guidelines set forth by the USDA, APHIS, PPQ in 2014. LDAF's Agriculture and Environmental Science (AES) division is divided into 7 districts across the state and each district was utilized to conduct this survey. LDAF started the visual survey in April, 2014 and concluded this portion of the survey in June, 2014. LDAF inspectors surveyed a combination of 34 nursery grower and nursery stock dealer locations throughout 11 parishes in the state. These 34 locations included 6 locations where an environmental survey was performed due to their previously positive status in 2004. There were 64 tissue samples collected and submitted to Dr. Raj Singh's laboratory at Louisiana State University (LSU). Seventeen of the 64 tissue samples tested ELISA positive. DNA was extracted from the 17 ELISA positive samples using Dneasy Plant Mini Kits by Dr. Singh and then was forwarded to University of Florida Extension Plant Diagnostic Center in Gainesville, Florida. One of the 17 samples was forwarded to Dr. Craig Webb's lab at Kansas State University. All samples have been determined negative.

LDAF inspectors also conducted the water baiting portion of this survey at 5 high risk locations in Louisiana's nursery production areas. There were 10 water baiting traps (bags) deployed in 5 different retention ponds in 4 different parishes. These traps were baited with camellia leaves taken from the SSC's residence in St. Tammany parish. Traps were deployed on November 3rd, 2014 and decommissioned on November 12th, 2014. There were 50 water baiting samples submitted (including the 5 control samples) to Dr. Singh at LSU for analysis. Seven of the 50 samples tested ELISA positive and were later determined negative, morphologically, by Dr. Singh.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$15,405	Proposed = n/a	Proposed= n/a
Actual = \$15,405	Actual = n/a	Actual = n/a

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Sudden Oak Death	<i>Phytophthora ramorum</i>

	Proposed	Actual
Sites (Locations):	30	34
Traps:	n/a	n/a

Number of Counties:	14
Counties:	<i>Beauregard, Bossier, Calcasieu, Caddo, Concordia, East Baton Rouge, Iberia, Jefferson, Lafayette, Ouachita, Rapides, St. Tammany, Tangipahoa, Washington.</i>

2. Survey dates:

	Proposed	Actual
Survey Dates:	January 1, 2014 through December 31, 2014	April 1, 2014 through December 31, 2014

3. Benefits and results of survey:

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

State	Budget (actual)	Number of Nurseries Surveyed in	Number of water samples tested	Number of water samples positive	Number of soil samples tested	Number of soil samples positive	Number of plant samples tested	Number of plant samples positive
LA.	\$15,405	CY14 / 34	50	0	0	0	64	0
LA.	\$50,000	FY13 / 63	44	0	0	0	129	0
LA.	\$25,000	CY11 / 58	44	0	0	0	137	0

4. Database submissions:

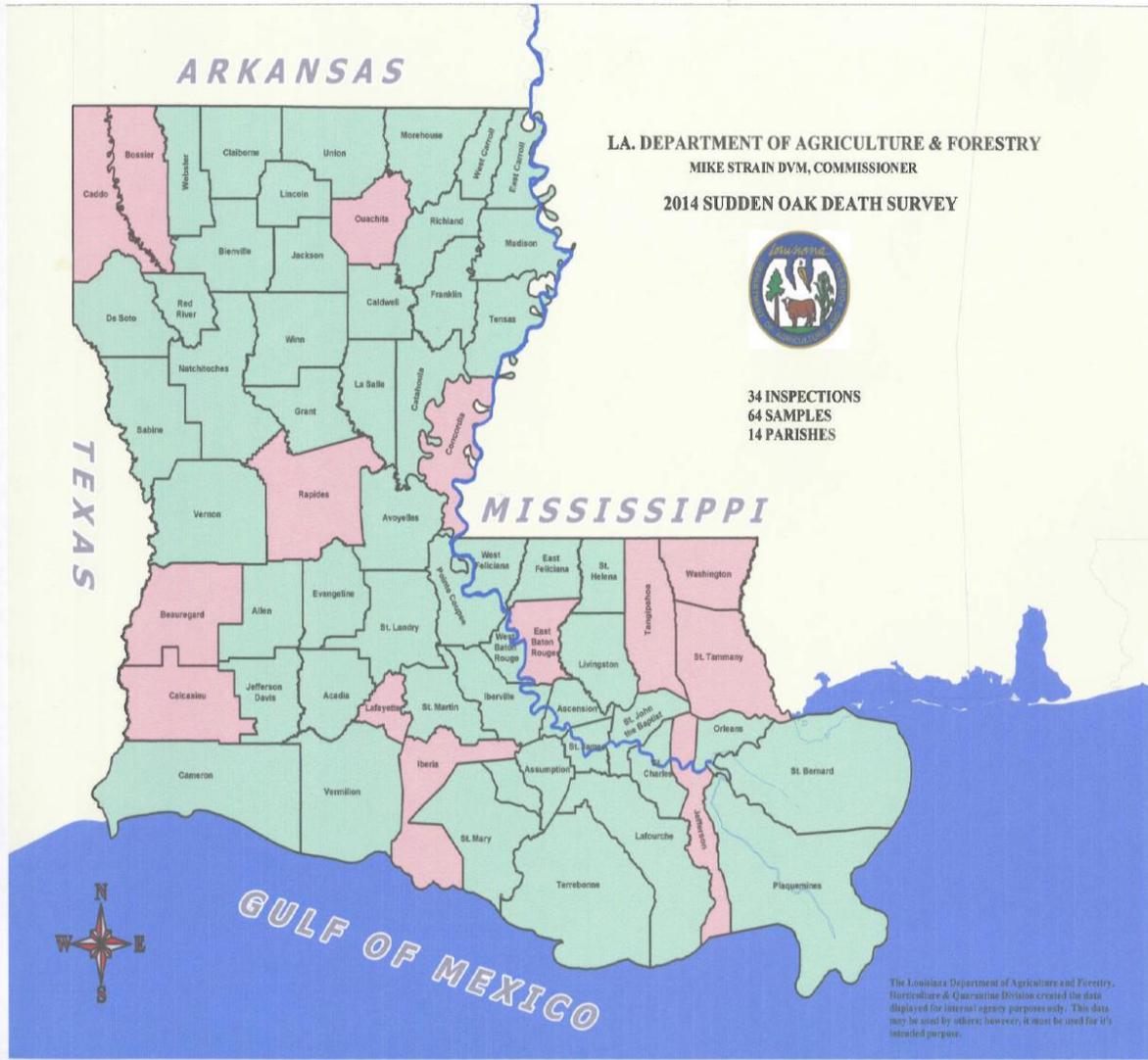
All negative data was entered into the NAPIS database at the conclusion of the survey by Brett Laird (SSC, Louisiana). Data was also entered into the IPHIS database by Karen Jenkins (PSS, Louisiana) at the conclusion of the survey.

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

All objectives were exceeded during the course of this survey. We conducted more inspections than were projected. We missed our water baiting survey window of

opportunity in the Spring due to funding constraints but were able to conclude this portion of our survey in November when temperatures decreased.

- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000. A cost overrun was incurred by LDAF of \$171.00.



Sudden Oak Death Survey
14 - 8422 - 1734 - CA

**Indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

Approved and signed by



Cooperator

Date: 2/19/2015

ADODR

Date: _____