

***P. ramorum* Farm Bill Survey Accomplishment Report Template**

Farm Bill Survey Report

Year:	2015
State:	Louisiana
Cooperative Agreement Name:	Sudden Oak Death Survey
Cooperative Agreement Number:	15 – 8422 – 1734 – CA
Project Funding Period:	April 1, 2015 to December 31, 2015
Project Report:	Farm Bill <i>P. ramorum</i> Nursery Survey Report
Project Document Date:	January, 2016
Cooperators Project Coordinator:	State Survey Coordinator (SSC)
Name:	J. Brett Laird
Agency:	Louisiana Department of Agriculture and Forestry
Address:	P.O. Box 3596
City/ Address/ Zip:	Baton Rouge, Louisiana 70821-3596
Telephone:	985-543-4024
E-mail:	brett_l@daf.state.la.us

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 2015 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 2015. 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, 2015 and concluded this portion of the survey in June, 2015. LDAF inspectors surveyed a combination of 32 nursery grower and nursery stock dealer locations throughout 17 parishes in the state. These 32 locations included 6 locations where an environmental survey was performed due to their previously positive status in 2004.

Furthermore, a resident in Lincoln parish received 6 containerized azalea plants from a SOD positive nursery in Oregon. USDA-IES employee Nolan Farace is in charge of this on-going investigation. To my knowledge, samples were taken by Mr. Farace resulting in one SOD positive soil sample and one SOD positive foliage sample and all plants have been confiscated and disposed of. LDAF inspected this property during this survey and took 2 foliage samples from established azalea plants previously purchased from this same nursery in Oregon and both samples came back negative for SOD. LDAF will continue to inspect this property in future surveys.

There were 105 tissue samples collected and submitted to Dr. Raj Singh's laboratory at Louisiana State University (LSU). Eighteen of the 105 tissue samples tested ELISA positive. DNA was extracted from the 18 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. All samples have been determined negative by this USDA APHIS PPQ approved laboratory.

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 October 26, 2015 and decommissioned on November 4, 2015. There were 44 water baiting samples submitted (including the 4 control samples) to Dr. Singh at LSU for analysis. Thirty two of the 44 samples initially tested positive but were later determined negative, morphologically, by Dr. Singh.

Funding Amount	Total Number of Sites	Cost Per Unit
Proposed = \$15,405	Proposed = 30	Proposed= n/a
Actual = \$15,405	Actual = 32	Actual = n/a

1. Survey dates:

	Proposed	Actual
Survey Dates:	April 1, 2015 to December 31, 2015	April 1, 2015 to December 31, 2015

2. Survey Results

A	B	C	D	E	F	G	H	I
Split surveys by which calendar year they occurred in	Number of nurseries surveyed	Number of other sites* surveyed	Number of water baiting samples tested	Number of water baiting samples positive	Number of soil samples tested	Number of soil samples positive	Number of plant samples tested	Number of plant samples positive
CY15	32	0	44	0	0	0	105	0
CY14	34	0	50	0	0	0	64	0
FY13	63	0	44	0	0	0	129	0

3. 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.

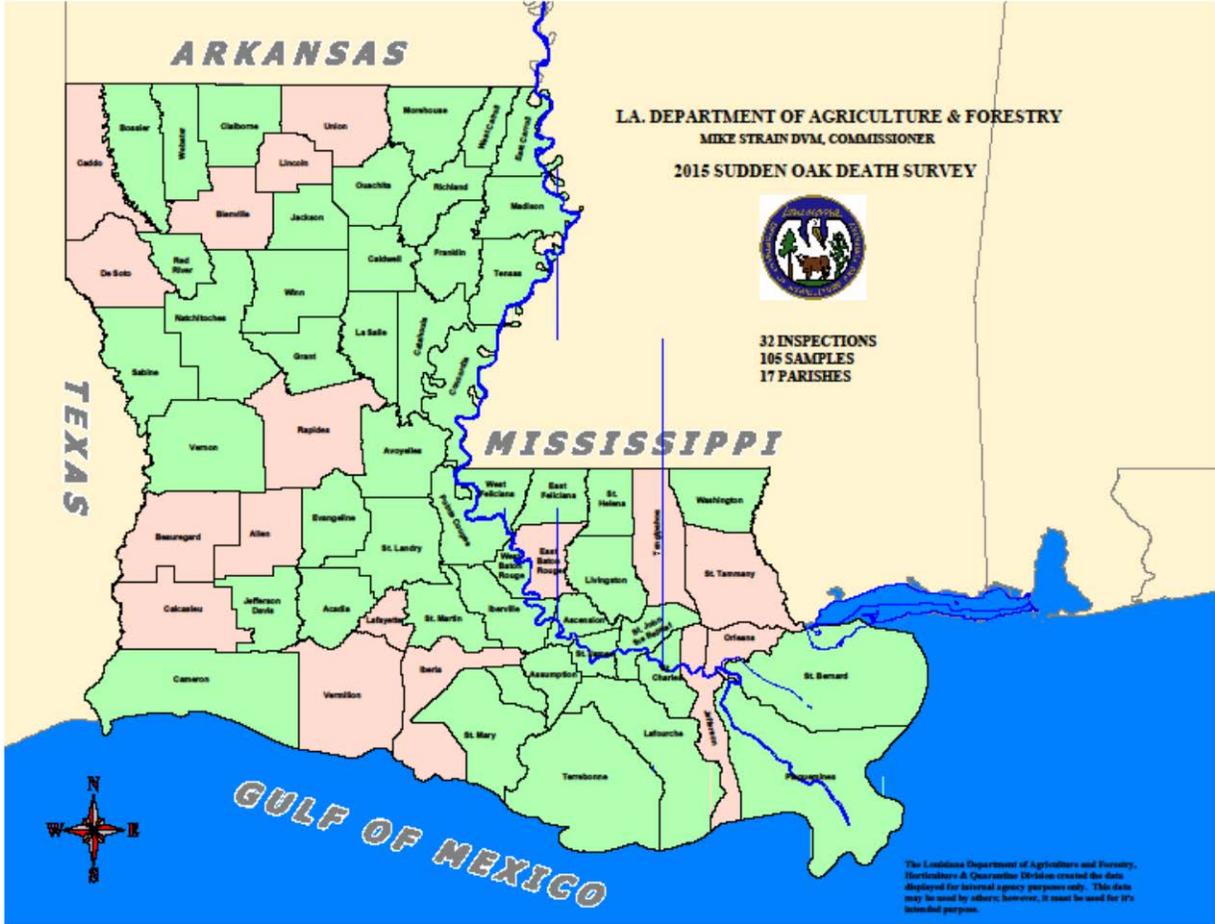
B. If appropriate, explain why objectives were not met.

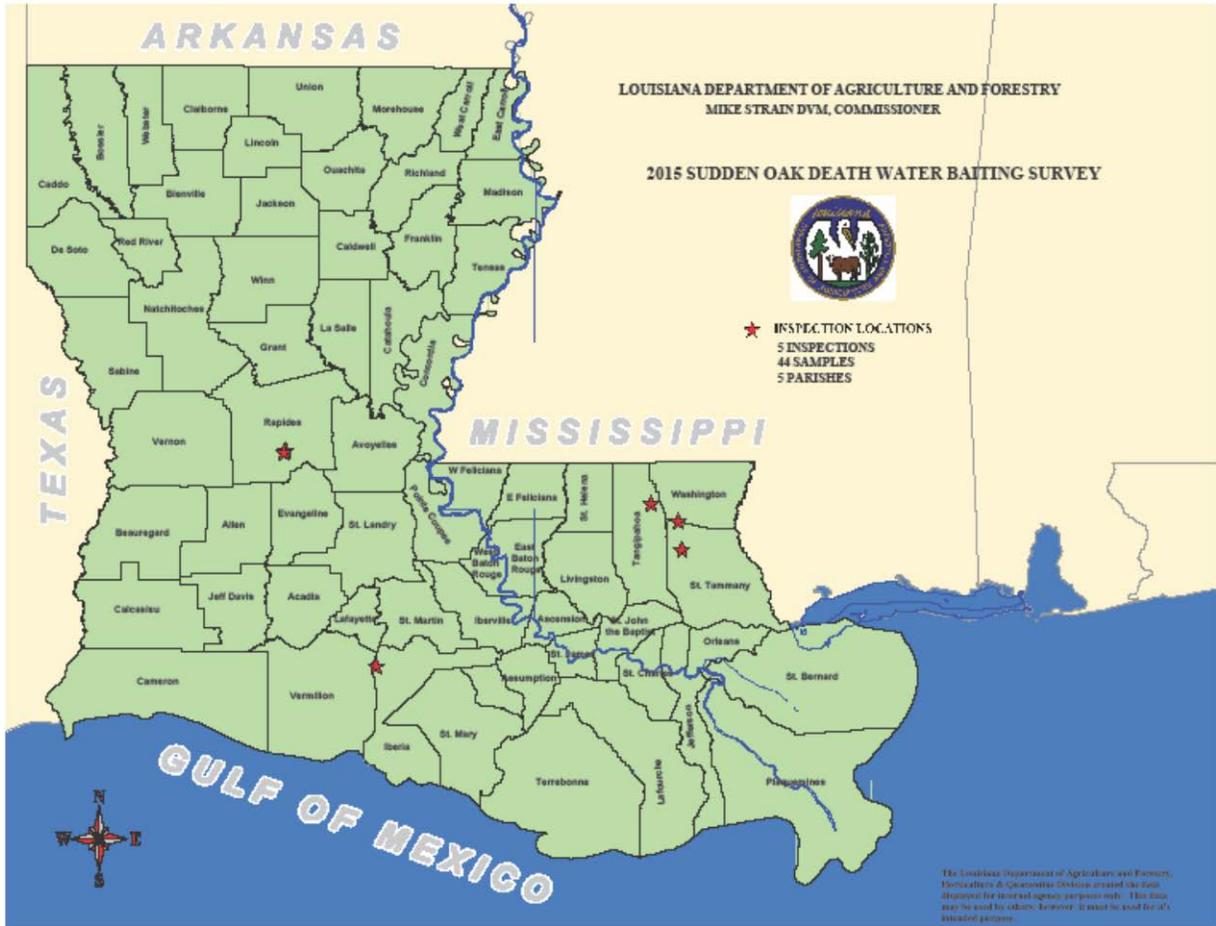
All objectives were exceeded during the course of this survey. We conducted more inspections than were projected. We missed our water baiting survey window of opportunity in the Spring due to funding constraints but were able to conclude this portion of our survey in the Fall when temperatures decreased.

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

LDAF incurred a cost overrun of \$26.00 at the conclusion of this survey.

***Note: I was informed by Dr. Singh of LSU that our ELISA positive samples that are forwarded to the USDA approved lab in Florida will be charging for samples in 2016 to be processed. This estimated cost will be reflected in my 2016 work and financial plan.





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

Approved and signed by

Amzel T. Rankins Sr.

Cooperator

Date: 1/19/16

ADODR

Date: _____