

CAPS Survey Report

Year:	2014
State:	Oklahoma
Cooperative Agreement Name:	Wood Commodity Survey
Cooperative Agreement Number:	14-8444-1446-CA
Project Funding Period:	January 1 st - December 31 st , 2014
Project Report:	CAPS Survey Report
Project Document Date:	March 10, 2015
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

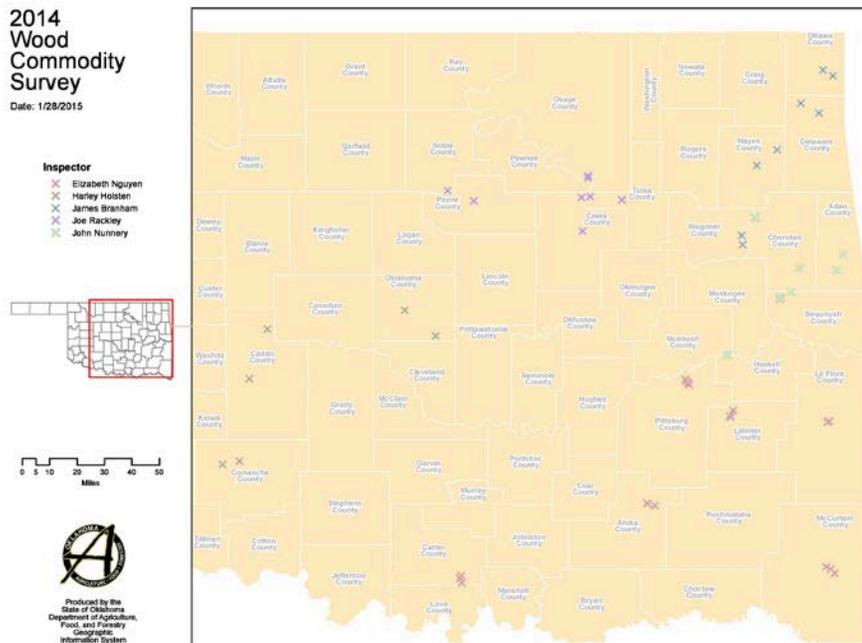
A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.

Four field personnel performed the Wood Commodity survey throughout the state starting May 2014. The Wood Commodity survey consisted of a trapping and visual survey for two different hosts, oak and pine. The oak sites consisted of a trapping survey for 4 species with the use of four different traps and a visual survey for 3 species. The pine sites consisted of a trapping survey for 5 species with the use of 2 different traps. The locations chosen were based on native oak and pine stands and high risk pathways. The traps were installed in May and removed in July. All traps were serviced every two weeks.

Oak traps were set at 40 sites in Osage, Tulsa, Creek, Payne, Ottawa, Delaware, Mayes, Wagoner, Adair, Cherokee, Sequoyah, Haskell, Oklahoma, Comanche, Caddo, Murray, Atoka, Pittsburg, and Latimer Counties. Pine traps were set at 20 sites in Sequoyah, Cherokee, McCurtain, Latimer, Leflore, Pittsburg, and Pushmataha Counties

A Wood Commodity manual was given to each field surveyor. It included a brief narrative of the purpose of the survey, trapping protocol, pictures of insects with associated descriptions, sampling protocol, and instructions on how to enter data into an excel spreadsheet modified from the NAPIS spreadsheet. Outreach materials were also given to field personnel and distributed at trapping sites within state parks.

Samples were submitted to USDA APHIS for identification. None of the invasive insects surveyed were detected. All data was input into NAPIS.



Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$14,163	Proposed = 160	Proposed= \$88.52
Actual = \$22,516	Actual =160	Actual =\$140.73

1. **Survey methodology (trapping and visual protocol):**

	Common Name	Scientific Name
Pest:	Egyptian cottonworm	<i>Spodoptera littoralis</i>
	False codling moth	<i>Thaumototibia leucotreta</i>
	Summer fruit tortrix moth	<i>Adoxophyes orana</i>
	Light brown apple moth	<i>Epiphyas postvittana</i>
	Oak splendor beetle	<i>Agrilus biguttatus</i>
	Asian longhorned beetle	<i>Anoplophora glabripennis</i>
	European oak bark beetle	<i>Scolytus intricatus</i>
	Japanese Pine Sawyer	<i>Monochamus alernatus</i>
	Lesser Pine Shoot Beetle	<i>Tomicus destruens</i>
	Large Pine Weevil	<i>Hylobius abietis</i>
	Redhaired Pine Bark Beetle	<i>Hylurgus ligniperda</i>
	Pine Shoot Beetle	<i>Tomicus piniperda</i>
	Proposed	Actual
Sites (Locations):	60	60
Traps:	160	160

Number of Counties:	22
Counties:	Osage, Tulsa, Creek, Payne, Ottawa, Delaware, Mayes, Wagoner, Adair, Cherokee, Sequoyah, Haskell, Oklahoma, Comanche, Caddo, Murray, Atoka, Pittsburg, McCurtain, Leflore, Pushmataha and Latimer Counties

2. **Survey dates:**

	Proposed	Actual
Survey Dates:	May-August	May- July

3. **Benefits and results of survey:**

	Positive	Negative	Total Number
Traps	0	160	160

4. Database submissions:

Trap data and the results of samples have been entered into NAPIS.

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

N/A

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

There was \$8,353 in cost overruns. The federal award was \$14,163; however, we exceeded the funding amount with total expenditures of \$22,516. This overrun was due to the expansion in survey area. The trap numbers remained consistent with previous years, but the survey area was increased by 12 counties. This caused a sizeable increase in personnel hours and mileage.

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

Approved and signed by

Cooperator

Date: _____

ADODR

Date: _____