

**CAPS Survey Report**

<b>Year:</b>	2012
<b>State:</b>	Louisiana
<b>Cooperative Agreement Name:</b>	Khapra Beetle
<b>Cooperative Agreement Number:</b>	12-8422-1586 CA
<b>Project Funding Period:</b>	June 20, 2012 through November 30, 2012
<b>Project Report:</b>	<b>CAPS Survey Report</b>
<b>Project Document Date:</b>	December 30, 2012
<b>Cooperators Project Coordinator:</b>	Administrative Coordinator
<b>Name:</b>	Richard Miller
<b>Agency:</b>	Louisiana Department of Agriculture and Forestry
<b>Address:</b>	P.O. Box 3596
<b>City/ Address/ Zip:</b>	Baton Rouge, Louisiana 70821 - 3596
<b>Telephone:</b>	225-952-8100
<b>E-mail:</b>	rmiller@ldaf.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 2012 to conduct a trap and visual survey for Khapra Beetle. LDAF conducted this survey according to survey guidelines set forth by the USDA, APHIS, PPQ in 2012. LDAF's Agriculture and Environmental Science (AES) division is divided into 7 districts across the state and 1 of those districts was utilized to conduct this survey. That district has a fairly large rice industry and a number of rice mills. There were 2 locations selected that had a number of rice mills that export rice through maritime containers. There were 10 traps deployed at one location and a visual inspection performed each time traps were checked. The second location was a smaller rice mill and had four traps. Those traps were deployed and a visual inspection was performed each time the traps were checked. There were 8 Khapra Beetle Wall Traps and two dome traps that were placed at one location. The second location had four dome traps. Traps and lures were set according to the 2012 approved methods for the pest. Traps were deployed in June, 2012, serviced twice a month and then picked up in October, 2012. Trap collections were shipped to Eric White (identifier, PPQ, Louisiana) for final determination of pests. All trap collections were negative for the Khapra Beetle targeted in this Khapra Beetle Survey. Outreach efforts were accomplished by LDAF AES inspectors to property owners and concerned stakeholders at each trap location.

### Findings

All trap collections were negative for the Khapra Beetle, *Trogoderma granarium*. Species of Dermestidae that were collected from the traps included: *Trogoderma sp.* (not *granarium*), *Trogoderma variable*, and *Lasioderma serricorne*. A total of 15 samples, which included 71 specimens, were sent in for identification. All trap collection identifications were made by USDA identifier, Eric White.

Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$4102.00	Proposed = 10-20	Proposed= ?
Actual = \$4102.00	Actual = 14	Actual = \$293.00

#### 1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Khapra Beetle	<i>Trogoderma granarium</i>

	Proposed	Actual
Sites (Locations):	2	2

<b>Traps:</b>	<b>10-20</b>	<b>14</b>
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<b>Number of Counties:</b>	<b>1</b>
<b>Counties:</b>	<b>Acadia</b>

**2. Survey dates:**

	<b>Proposed</b>	<b>Actual</b>
<b>Survey Dates:</b>	<b>June, 2012 through October, 2012</b>	<b>June, 2012 through October, 2012</b>

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

	<b>Positive</b>	<b>Negative</b>	<b>Total Number</b>
<b>Traps</b>	<b>0</b>	<b>14</b>	<b>14</b>

**4. Database submissions:**

All negative data was entered into the Integrated Plant Health Information System (IPHIS) database at the conclusion of the survey by Karen Jenkins (PSS, Louisiana). In addition, Brett Laird (SSC, Louisiana) will enter the negative data into the NAPIS database.

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

The Khapra Beetle Survey performed as expected and all objectives were met.

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

The Khapra Beetle Survey did not have any cost overruns or unobligated funds in excess of \$1000.

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**Approved and signed by**

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Cooperator

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

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ADODR

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