

## CAPS Survey Report

<b>Year:</b>	2016
<b>State:</b>	Kansas
<b>Cooperative Agreement Name:</b>	Pathway Survey: Early Detection of Exotic Plant Pests
<b>Cooperative Agreement Number:</b>	16-8420-1788-CA
<b>Project Funding Period:</b>	January 1, 2016 – December 31, 2016
<b>Project Report:</b>	CAPS Survey Report
<b>Project Document Date:</b>	January 1, 2016 – June 30, 2016
<b>Cooperators Project Coordinator:</b>	Laurinda Ramonda
<b>Name:</b>	Plant Protection and Weed Control
<b>Agency:</b>	Kansas Department of Agriculture
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input checked="" type="checkbox"/>
Annual Accomplishment Report	<input 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**

Participants: Laurinda Ramonda – provide training, supervision and shipping of samples to lab  
 Greg Chrislip, state entomologist – provide training, supervision and specimen sorting  
 Brian Brunkow – seasonal staff - trapping and visual survey work

- December 8, 2015 – Pre-award letter signed for \$5,268
- December 10, 2015 – Partial cooperative agreement signed for \$5,268
- April 27, 2016 – Full funding cooperative agreement signed for \$21,471 – Total amount for \$26,739
- April 4, 2016 – Setting traps and visual survey began
- April 20, 2016 – All traps set

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Traps/Visuals	Cost Per Unit
Proposed = \$26,739	Proposed = \$1,608	Proposed = Traps 175, visuals 35	Proposed= \$134.99
Actual = \$26,739	Actual = \$1,608	Actual = 175 Traps, 35 visuals	Actual = \$134.99

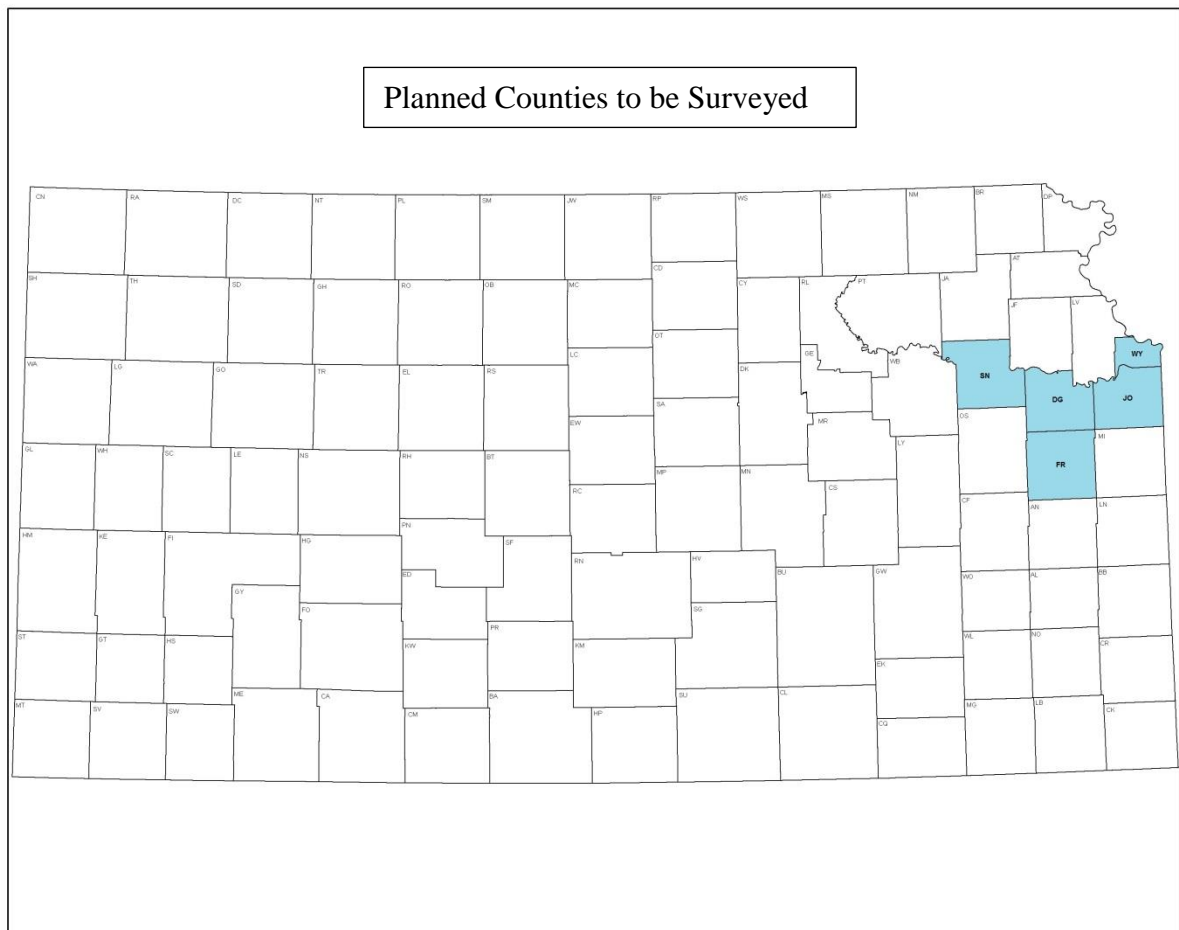
**1. Survey methodology (trapping protocol):**

	Common Name	Scientific Name
<b>Pest:</b>	Cucurbit beetle	<i>Diabrotica speciosa</i>
	Whitefringed weevil	<i>Naupactus leucoloma</i>
	Twobanded Japanese weevil	<i>Pseudocneorhinus bifasciatus</i>
	European wireworm	<i>Agriotes sputator</i>
	European wireworm	<i>Agriotes ustulatus</i>
	Oriental beetle	<i>Anomala orientalis</i>
	European chafer	<i>Rhizotrogus majalis</i>
	Argentine ant	<i>Linepithema humile</i>
	Imported fire ant	<i>Solenopsis invicta</i>
	Okinawa Gypsy Moth	<i>Lymantria albescens</i>
	Asian Gypsy Moth	<i>Lymantria dispar asiatica</i>
	Japanese Gypsy Moth	<i>Lymantria dispar japonica</i>
	White-winged Gypsy Moth	<i>Lymantria postalba</i>
	Hokkaido Gypsy Moth	<i>Lymantria umbrosa</i>
	Horse Thistle	<i>Onopordum acaulon</i>
	Striped helicella snail	<i>Cernuella cisalpina</i>
	Striped snail	<i>Cernuella virgata</i>

	Helicid snail	<i>Cochlicella</i> spp.
	Helicid snail	<i>Monacha</i> spp.
	Veronicellid Slug	<i>Veronicella</i> spp.

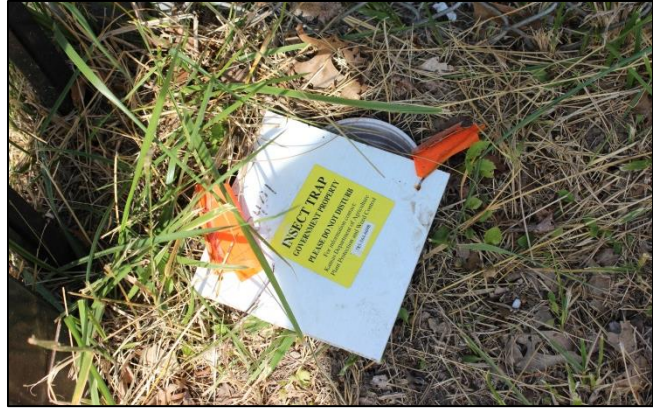
	Proposed	Actual
<b>Sites (Locations):</b>	35	35
<b>Traps:</b>	175	175
<b>Visuals:</b>	35	35

	Proposed	Actual
<b>Number of Counties:</b>	5	5
<b>Counties:</b>	Douglas, Franklin, Johnson, Shawnee and Wyandotte	Douglas, Franklin, Johnson, Shawnee and Wyandotte





Delta trap



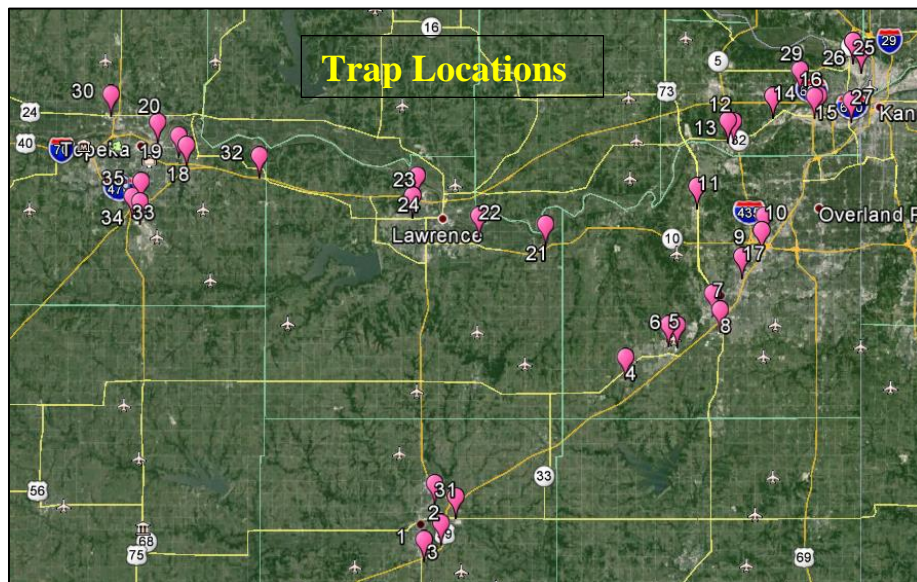
Pitfall trap



Checking pitfall trap cup with propylene glycol



Liquid being decanted pitfall trap cup to get to samples



2. Survey dates:

	Proposed	Actual
Survey Dates:	April 2016 – September 2016	April 4, 2016 – survey on-going

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	survey on-going	survey on-going	survey on-going

4. Database submissions:

- Data will be submitted to NAPIS after results received from lab.

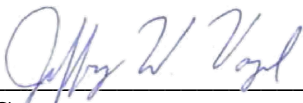
B. If appropriate, explain why objectives were not met.\*

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.  
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*\*indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

Approved and signed by

  
\_\_\_\_\_  
Cooperator

Date: 7/18/2016

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ADODR

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