CAPS Survey Report

Year:	2013
State:	Kansas
Cooperative Agreement Name:	Exotic Oak Pest Commodity Survey
Cooperative Agreement Number:	13-8420-1227-CA
Project Funding Period:	January 1, 2013 – December 31, 2014
Project Report:	CAPS Survey Report
Project Document Date:	January 1, 2013 – December 31, 2014
Cooperators Project Coordinator:	Laurinda Ramonda
Name:	Plant Protection and Weed Control
Agency:	Kansas Department of Agriculture
Address:	6531 SE Forbes Avenue, Suite B
City/ Address/ Zip:	Topeka, Kansas 66619
Telephone:	785-564-6698
E-mail:	laurinda.ramonda@kda.ks.gov

Quarterly Report	☐
Semi-Annual Accomplishment Report	☐
Annual Accomplishment Report	☒

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
Eric La Gasa, Washington State Department of Agriculture, Plant Protection Division, Olympia, WA – provide specimen identification
Brian Brunkow – trapping

- December 7, 2013 – Pre-award letter signed to expire on March 31, 2013.
- March 27, 2013 – Pre-award letter extensions signed and will expire on May 31, 2013.
- May 6, 2013 – Pre-award letter extensions were signed with an expiration of July 31, 2013.
- May 10, 2013 – Funding levels reduced by 7.8% from Pest Detection line item.
- June 27, 2013 – Cooperative agreements were signed
- July 18, 2013 – Funding received
- Cooperative agreement not signed and funding received too late to start survey in 2013. Asked for extension to do survey activities in 2014.
- October 16, 2013 – Some survey supplies ordered
- November 13, 2013 – Survey extension letter signed
- December 2, 2013 – Extended cooperative agreement (article 23) signed to end December 30, 2014
- May 5, 2014 – Survey started
- May 6, 2014 – Began setting traps
- October 30, 2014 – Traps removed

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Traps	Cost Per Unit
Proposed = $43,726	Proposed = $5,171	Proposed = 300	Proposed = $163
Actual = $37,333	Actual = $4,600	Actual = 300	Actual = $140

Delta trap

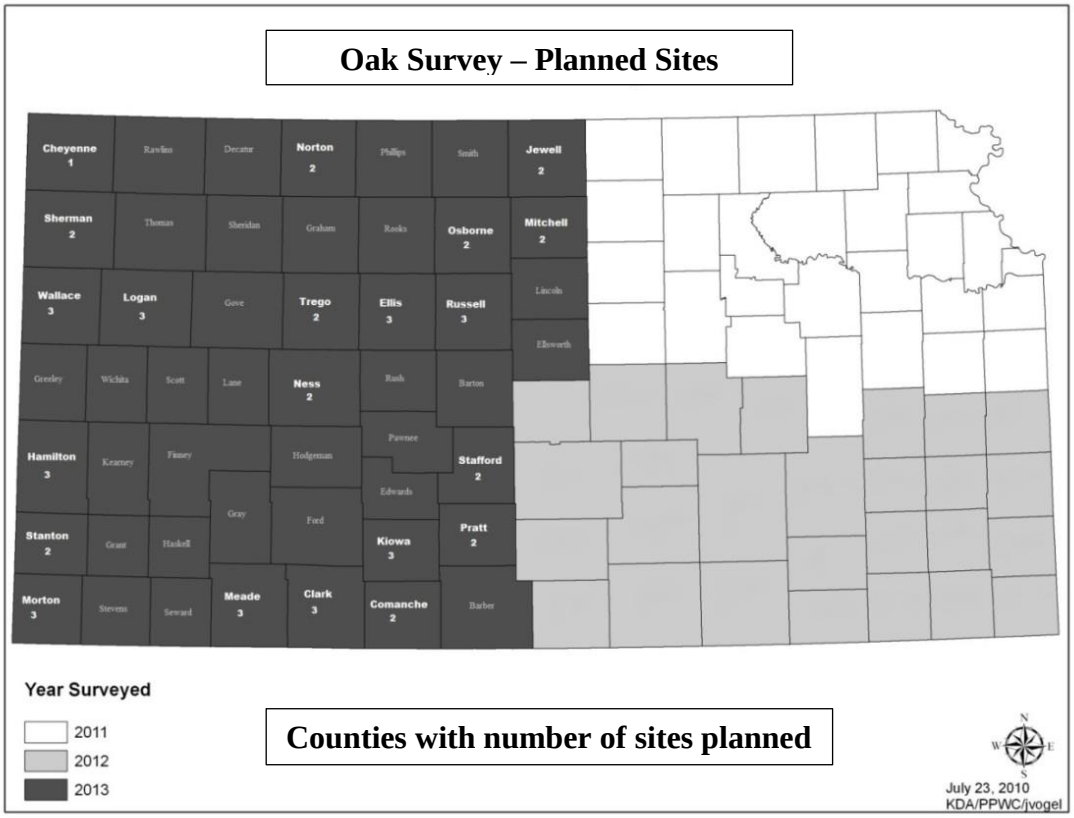
Wing Trap

1. **<u>Survey methodology (trapping protocol)</u>:**

	Common Name	Scientific Name
Pest:	Rosy Gypsy Moth	*Lymantria Mathura*
	False Codling Moth	*Thaumatotibia leucotreta*
	Summer Fruit Tortrix	*Adoxophyes orana*
	Green Oak Tortrix	*Tortrix viridana*
	Variegated Golden Tortrix	*Archips xylosteanus*
	Asian Gypsy Moth	*Lymantria dispar dispar*
	European Gypsy Moth	*Lymantria dispar*

	Proposed	Actual
Sites (Locations):	50	50
Traps:	300	300

Number of Counties:	21	29
Counties:	Possible counties to be surveyed: Cheyenne, Clark, Comanche, Ellis, Hamilton, Jewell, Kiowa, Logan, Meade, Mitchell, Morton, Ness, Norton, Osborne, Pratt, Russell, Sherman, Stafford, Stanton, Trego, Wallace	Barton, Decatur, Edwards, Ellis, Ellsworth, Finney, Ford, Gove, Gray, Jewell, Kiowa, Lincoln, Meade, Mitchell, Morton, Norton, Osborne, Pawnee, Phillips, Pratt, Rice, Rooks, Rush, Russell, Scott, Smith, Stafford, Stevens, Thomas


Oak Survey – Planned Sites
Cheyenne 1
Norton 2
Jewell 2
Sherman 2
Osborne 2
Mitchell 2
Wallace 3
Logan 3
Trego 2
Ellis 3
Russell 3
Ness 2
Hamilton 3
Stafford 2
Stanton 2
Pratt 2
Kiowa 3
Morton 3
Meade 3
Clark 3
Comanche 2
Year Surveyed
2011
2012
2013
Counties with number of sites planned
July 23, 2010
KDA/PPWC/jvogel

Oak Survey Trap Locations
St Joseph
Atchison
Leavenworth
Manhattan
Topeka
Kansas
Shawnee
Junction City
Salina
Ottawa
Emporia
Great Bend
McPherson
Hutchinson
Newton
Wichita
El Dorado
Dodge City
Derby
Wellington
Winfield
Independence
Parsons
Coffeyville
Pittsburg

2. Survey dates:

	Proposed	Actual
Survey Dates:	April – September 2013	May 5, 2014 – October 30, 2014

3. Benefits and results of survey:

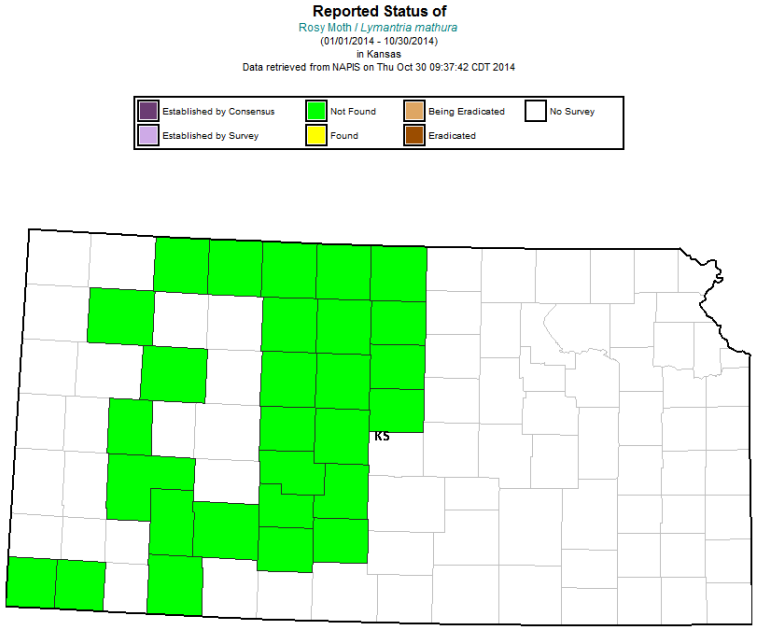
	Positive	Negative	Total Number
Traps	0	300	300

4. Database submissions:

Records Submitted to NAPIS

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
Rosy Moth - *Lymantria mathura*	KS - Barton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Decatur	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Edwards	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Ellis	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Ellsworth	Trap;Wing Pheromone;Pherocon 1c	2014	5	0	0
Rosy Moth - *Lymantria mathura*	KS - Finney	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Ford	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Gove	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Gray	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Jewell	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
Rosy Moth - *Lymantria mathura*	KS - Kiowa	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Lincoln	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Meade	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Mitchell	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Morton	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0

Rosy Moth - *Lymantria mathura*	KS - Norton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Osborne	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Pawnee	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Phillips	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
Rosy Moth - *Lymantria mathura*	KS - Pratt	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Rooks	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Rush	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Russell	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0
Rosy Moth - *Lymantria mathura*	KS - Scott	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Smith	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0
Rosy Moth - *Lymantria mathura*	KS - Stafford	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Rosy Moth - *Lymantria mathura*	KS - Stevens	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Rosy Moth - *Lymantria mathura*	KS - Thomas	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**



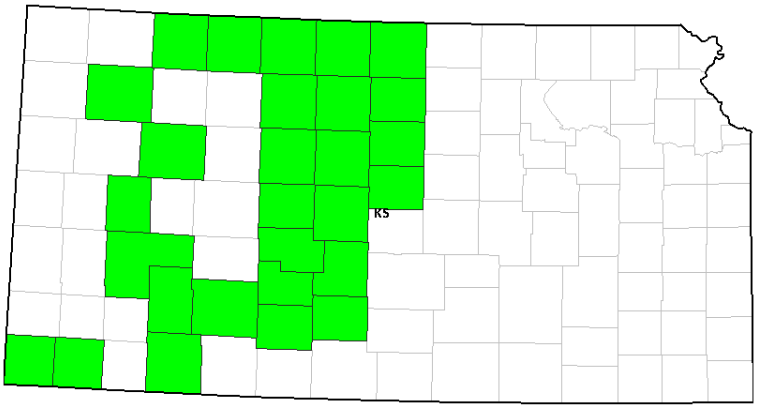
This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.

"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved.

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Barton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Decatur	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Edwards	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Ellis	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Ellsworth	Trap;Wing Pheromone;Pherocon 1c	2014	5	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Finney	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Ford	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Gove	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Gray	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Jewell	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Kiowa	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Lincoln	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Meade	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Mitchell	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Morton	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0

False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Norton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Osborne	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Pawnee	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Phillips	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Pratt	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Rooks	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Rush	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Russell	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Scott	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Smith	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Stafford	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Stevens	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
False Codling Moth - *Thaumatotibia (Cryptophlebia) leucotreta*	KS - Thomas	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**

Reported Status of
False Codling Moth / *Thaumatotibia leucotreta*
(01/01/2014 - 10/31/2014)
in Kansas
Data retrieved from NAPIS on Fri Oct 31 2014 10:20:24 GMT-0500 (Central Standard Time)

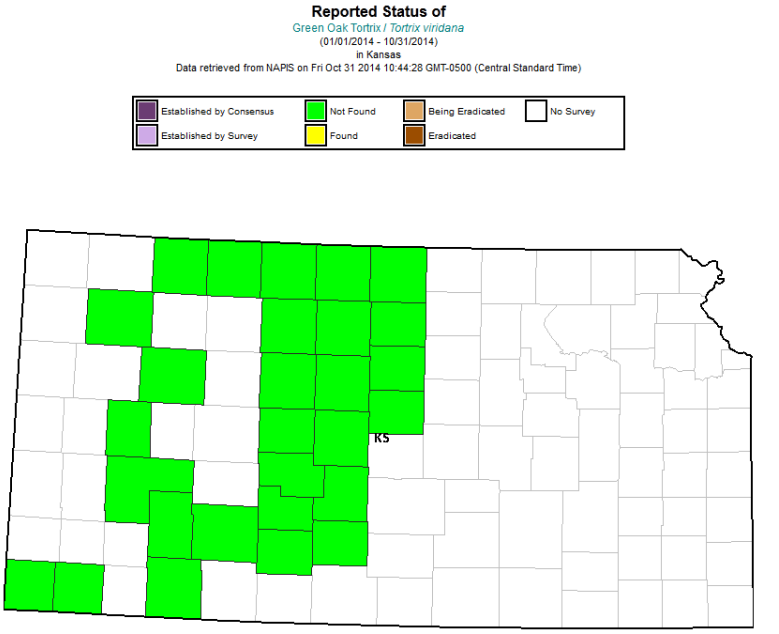


This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.
"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved.

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Barton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Decatur	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Edwards	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Ellis	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Ellsworth	Trap;Wing Pheromone;Pherocon 1c	2014	5	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Finney	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Ford	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Gove	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0

Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Gray	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Jewell	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Kiowa	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Lincoln	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Meade	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Mitchell	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Morton	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Norton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Osborne	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Pawnee	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Phillips	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Pratt	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Rooks	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Rush	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Russell	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Scott	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota)*	KS - Smith	Trap;Wing Pheromone;Pherocon	2014	3	0	0

viridana		1c				
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Stafford	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Stevens	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Green Oak Tortrix - *Tortrix (Platynota) viridana*	KS - Thomas	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**

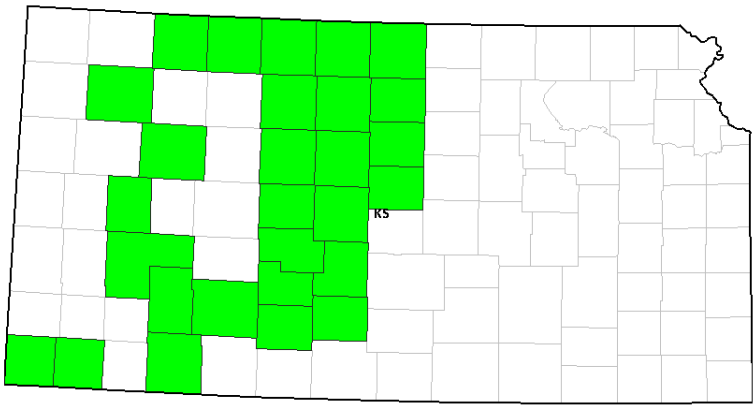


This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.
"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved.

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Barton	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Decatur	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Edwards	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Ellis	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Ellsworth	Trap;Delta Pheromone (Paper)	2014	5	0	0
Summer Fruit Tortrix Moth	KS - Finney	Trap;Delta	2014	1	0	0

- *Adoxophyes orana*		Pheromone (Paper)				
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Ford	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Gove	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Gray	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Jewell	Trap;Delta Pheromone (Paper)	2014	4	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Kiowa	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Lincoln	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Meade	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Mitchell	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Morton	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Norton	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Osborne	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Pawnee	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Phillips	Trap;Delta Pheromone (Paper)	2014	4	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Pratt	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Rooks	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Rush	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Russell	Trap;Delta Pheromone (Paper)	2014	3	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Scott	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Smith	Trap;Delta Pheromone (Paper)	2014	3	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Stafford	Trap;Delta Pheromone (Paper)	2014	2	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Stevens	Trap;Delta Pheromone (Paper)	2014	1	0	0
Summer Fruit Tortrix Moth - *Adoxophyes orana*	KS - Thomas	Trap;Delta Pheromone (Paper)	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**

Reported Status of
Summer Fruit Tortrix Moth / *Adoxophyes orana*
(01/01/2014 - 10/31/2014)
in Kansas
Data retrieved from NAPIS on Fri Oct 31 2014 11:12:27 GMT-0500 (Central Standard Time)

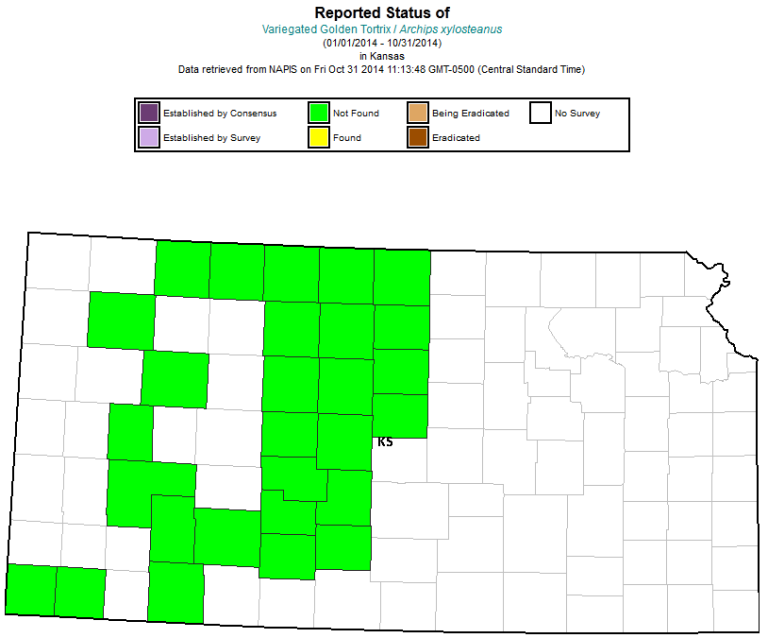


This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.
"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved.

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Barton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Decatur	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Edwards	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Ellis	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Ellsworth	Trap;Wing Pheromone;Pherocon 1c	2014	5	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Finney	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Ford	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Gove	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0

Variegated Golden Tortrix - *Archips xylosteanus*	KS - Gray	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Jewell	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Kiowa	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Lincoln	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Meade	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Mitchell	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Morton	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Norton	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Osborne	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Pawnee	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Phillips	Trap;Wing Pheromone;Pherocon 1c	2014	4	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Pratt	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Rooks	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Rush	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Russell	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Scott	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips*	KS - Smith	Trap;Wing Pheromone;Pherocon 1c	2014	3	0	0

xylosteanus						
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Stafford	Trap;Wing Pheromone;Pherocon 1c	2014	2	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Stevens	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
Variegated Golden Tortrix - *Archips xylosteanus*	KS - Thomas	Trap;Wing Pheromone;Pherocon 1c	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**

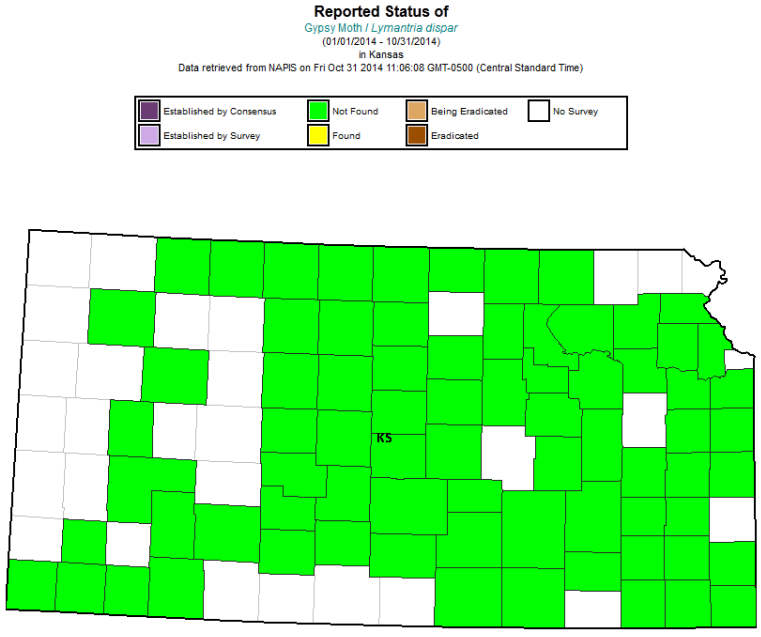


This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.
"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved.

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Barton	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Decatur	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Edwards	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar*	KS - Ellis	Trap;Delta Pheromone (Paper)	2014	1	0	0

asiatica						
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Ellsworth	Trap;Delta Pheromone (Paper)	2014	5	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Finney	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Ford	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Gove	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Gray	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Jewell	Trap;Delta Pheromone (Paper)	2014	4	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Kiowa	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Lincoln	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Meade	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Mitchell	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Morton	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Norton	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Osborne	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Pawnee	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Phillips	Trap;Delta Pheromone (Paper)	2014	4	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Pratt	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth -	KS - Rooks	Trap;Delta	2014	2	0	0

Lymantria dispar asiatica		Pheromone (Paper)				
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Rush	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Russell	Trap;Delta Pheromone (Paper)	2014	3	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Scott	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Smith	Trap;Delta Pheromone (Paper)	2014	3	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Stafford	Trap;Delta Pheromone (Paper)	2014	2	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Stevens	Trap;Delta Pheromone (Paper)	2014	1	0	0
Asian Gypsy Moth - *Lymantria dispar asiatica*	KS - Thomas	Trap;Delta Pheromone (Paper)	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**

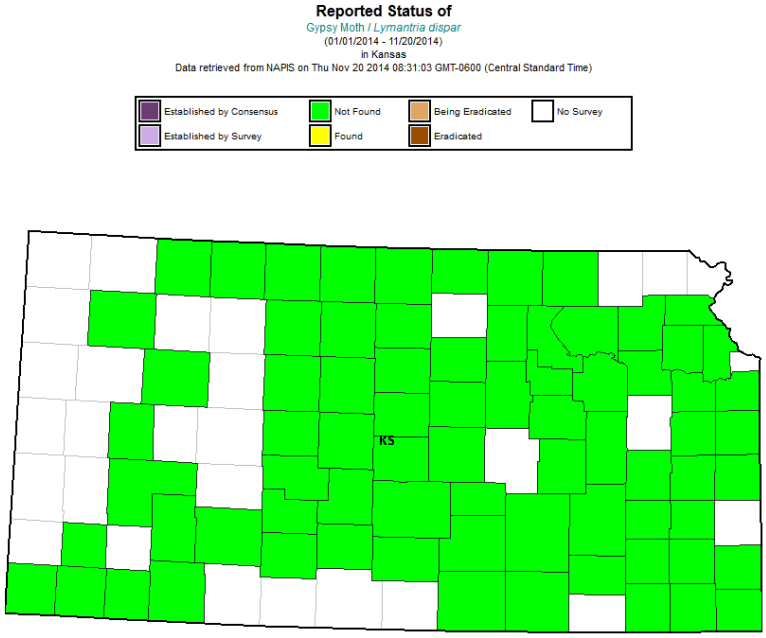


(includes all traps not just for the oak commodity survey)

This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.
"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved.

Pest	Area	Survey Method	Year	Total Traps	Positive Traps	Pest Count
Gypsy Moth - *Lymantria dispar*	KS - Barton	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Decatur	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Edwards	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Ellis	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Ellsworth	Trap;Delta Pheromone (Paper)	2014	5	0	0
Gypsy Moth - *Lymantria dispar*	KS - Finney	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Ford	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Gove	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Gray	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Jewell	Trap;Delta Pheromone (Paper)	2014	4	0	0
Gypsy Moth - *Lymantria dispar*	KS - Kiowa	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Lincoln	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Meade	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Mitchell	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Morton	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Norton	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Osborne	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Pawnee	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Phillips	Trap;Delta Pheromone (Paper)	2014	4	0	0
Gypsy Moth - *Lymantria dispar*	KS - Pratt	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Rooks	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Rush	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Russell	Trap;Delta Pheromone (Paper)	2014	3	0	0
Gypsy Moth -	KS - Scott	Trap;Delta	2014	1	0	0

Lymantria dispar		Pheromone (Paper)				
Gypsy Moth - *Lymantria dispar*	KS - Smith	Trap;Delta Pheromone (Paper)	2014	3	0	0
Gypsy Moth - *Lymantria dispar*	KS - Stafford	Trap;Delta Pheromone (Paper)	2014	2	0	0
Gypsy Moth - *Lymantria dispar*	KS - Stevens	Trap;Delta Pheromone (Paper)	2014	1	0	0
Gypsy Moth - *Lymantria dispar*	KS - Thomas	Trap;Delta Pheromone (Paper)	2014	1	0	0
REPORT TOTAL				**50**	**0**	**0**



(includes all traps not just for the oak commodity survey)

This map only represents pest survey data submitted to the NAPIS database by participating states in the Cooperative Agricultural Pest Survey (CAPS) program with USDA, APHIS, PPQ.
Data is based on survey observation by calendar year.
CERIS does not certify the accuracy or completeness of this map.
"Survey in Progress" does not imply that all counties are expected to report.
© 2009-2014 Purdue University. All Rights Reserved

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

- Funding levels reduced by 7.8% so needed to shorten project by 1 month.
- Cooperative agreements completed on June 27, 2013.
- Extension approved on December 2, 2013 since no agreement was signed by the time this project should have been started. Funding and weather conditions caused this project to not start in 2013.

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

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

Approved and signed by

_____ Date: _____
Cooperator

_____ Date: _____
ADODR