

CAPS Survey Report

Year:	2013 (extension to 2014)
State:	Kansas
Cooperative Agreement Name:	Purple Loosestrife (<i>Lythrum salicaria</i>) Biological Control using <i>Galerucella pusilla</i>
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 – June 30, 2014
Cooperators Project Coordinator:	Laurinda Ramonda
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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: Scott Marsh, state weed specialist – biological control release and monitoring.

- December 7, 2013 – Pre-award letter signed with an expiration of March 31, 2013.
- March 27, 2013 - Pre-award letter extensions were signed with an expiration of May 31, 2013.
- May 6, 2013 – Pre-award letter extensions were signed with an expiration of July 31, 2013.
- June 27, 2013 – Cooperative agreements were signed
- July 18, 2013 – Funding received
- September 12, 2013 – Scott Marsh surveyed release sites.
- Cooperative agreements not signed and funding received too late to acquire bio-control insects to do release in 2013. Asked for extension to do activities in 2014.
- November 13, 2013 – Survey extension letter signed
- December 2, 2013 – Extended cooperative agreement (article 23) to end December 30, 2014
- June 5, 2014 – Received 200 *Hylobius transversovittus* from Palisade Insectary in Colorado
- June 6, 2014 – Released 100 *Hylobius transversovittus* at Troy City Lake in Doniphan County
- June 10, 2014 – Released 100 *Hylobius transversovittus* at Reynold's Ranch in Bourbon County

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Biological Control Agents	Cost Per Unit
Proposed = \$4,649	Proposed = \$0	Proposed = 4,000	Proposed= \$1.16
Actual = \$4,649	Actual = \$0	Actual = 200	Actual = \$23.25

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Loosestrife Defoliating Beetle	<i>Galerucella pusilla</i>

	Proposed	Actual
Sites (Locations):	2	2
Biological Control Agents:	loosestrife defoliating beetle (<i>Galerucella pusilla</i>)	loosestrife root weevil (<i>Hylobius transversovittus</i>)

Number of Counties:	2	2
Counties:	Doniphan and Linn	Doniphan and Bourbon

2. Survey dates:

	Proposed	Actual
Biological Control Release Dates:	May 2013	June 6 and 7, 2014

3. Benefits and results of survey:

	Positive	Negative	Total Number
Biological Control Release	2	0	2

4. Database submissions:

Records Submitted to NAPIS

PEST	SCIENTIFIC NAME	POSITIVE	NEGATIVE	TOTAL
Loosestrife Root Weevil	Hylobius transversovittus	2	0	2

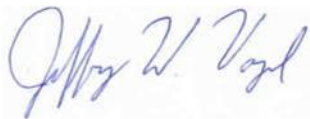
B. If appropriate, explain why objectives were not met.*

- Cooperative agreements were completed June 27, 2013.
- Extension approved December 2, 2013 since no agreement was signed by the time this project should have been started. Funding received too late to acquire bio-control insects to do release in 2013.
- The loosestrife defoliating beetle (*Galerucella pusilla*) was not available so loosestrife root weevil (*Hylobius transversovittus*) was released instead.
- Better release site found in Bourbon county. Linn county site was mowed.

**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



Cooperator

7/11/2014
Date: _____

ADODR

Date: _____

