



United States
Department of
Agriculture

Forest
Service

Dubois Ranger District

P.O. Box 46
225 West Main
Dubois, ID 83423

File Code:	2080	Date:	January 17, 2008
Route To:			
Subject:	2007 Project Accomplishment Report for the Kilgore Area Early Detection Rapid Response project partially funded by the Greater Yellowstone Coordinating Committee (GYCC)		
To:	Virginia Kelly, GYCC Coordinator		

I am writing this memo in response to your request for a project accomplishment report from our Kilgore, Early Detection-Rapid Response project on the Dubois Ranger District. In Fiscal Year 2007, GYCC granted \$5,000 to the Dubois District to aide with funding of the project. This memo will include the project objectives, methods, accomplishments, and the project status as weed detection and treatment is an on-going activity.

Project Objectives

The objective of the Kilgore, Early Detection-Rapid Response project was to find, map, and eradicate small, isolated patches of new weed infestations near the Kilgore area. The goal of the project is total eradication of isolated patches.

Project Methods

Two seasonal workers were hired and certified as professional herbicide applicators. They were provided with the equipment needed to map and treat new weed infestations (weed truck, ATV, maps, GPS/GIS, herbicide, etc.). The workers were familiar with the area and experienced in weed treatment.

Using the District's existing weed map as a guide, a concentrated effort was placed on patrolling the edges of known infestations for new outliers, and searching out new patches between Interstate-15, and Kilgore, Idaho. Upon discovering a new patch, it was recorded on a daily log, mapped for future reference, treated with herbicide, and communicated to others on the district. Most of the new patches also received a second treatment on a follow up visit if it was necessary.

Project Accomplishments

In the Kilgore area, seasonal employees were able to identify and treat 51 acres of weeds (covering an area of 285 acres), including new patches, and the outer edge of known patches. Of noteworthy success were:

- Discovering and eradicating two small isolated patches of Leafy Spurge in the Moose Creek area that are several miles from any other known patch.
- A new knapweed patch that was discovered and eliminated in Jug Creek, indicating that knapweed is continuing its eastward advancement and a more aggressive stance needs to be taken on Porcupine Pass.
- Small patches of hound's tongue, a new invader to our area, were discovered and treated throughout the project area, demonstrating the aggressive nature of that particular weed.
- A new patch of yellow toadflax was discovered and treated near Kilgore.



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Project Status

The Early Detection-Rapid Response project in the Kilgore area is an ongoing project. The Kilgore area is relatively clean of many weed species that are present in adjacent areas, and a vigilant, on-going effort is needed to ensure new weed patches do not take hold. More work is also needed in much of the back-country areas which have yet to be monitored. However, the progress made this past year was terrific. Money invested in eradicating small patches is money saved in the future!

Progress was also made by our cooperators on the project. The Clark County Weed Crew did an outstanding job of treating new patches along roadsides. Two spray days on private lands at Kilgore were carried out as well. Of notable success from their efforts was discovering and eradicating a patch of yellow toadflax just south of Kilgore. Toadflax is only known to be in a few sites across all of Clark County.

We appreciate the financial support shown by GYCC toward the Kilgore Early Detection-Rapid Response project. We feel that the results were well worth the money invested. If you need any further information regarding the project, please feel free to contact me at the Dubois District office (208) 374-5422, or by e-mail, sjacobson@fs.fed.us.

Sincerely,

/s/ Shane Q. Jacobson

Shane Q. Jacobson
Natural Resource Specialist
Dubois Ranger District
Caribou-Targhee National Forest