Bonneville County Weed Control

605 N. Capital Idaho Falls, Idaho 83402

office 208-529-1397 fax 208-529-1398

July 11, 2002

Below you will find the activities that have been done in regards to the BAA grant that Bonneville County received.

Bonneville County Weed Control Department.

May 2, 2002 -- Cooperative Weed Management Association, Idaho Falls, Id. Brought the group to speed upon where we are at in the Remote sensing program. Stressed to the group that any county, agency, or party can utilize the additional employees that were employed by the grant.

May 16, 2002 – Cooperative Weed Management Association Meeting, Rigby, Id. Visited with Idaho Department of Fish and Game Wildlife Management area, Jefferson County Commissioner, and other vegetation managers about the program and what it can do for them: now and in the future.

May 29, 2002 – Grant Cooperatives all met and traveled to the research site. We first stopped at a location across from the site to view the infestation from the top of the Snake River Canyon. We then went around the river to the opposite side, rode ATV's down into the area and hiked through the stand. It was determined that the site was not adequate for the project. Another site was to be found.

The following persons were on the tour.

Bonneville County

Jeffrey Pettingill	Jon Holderfield
Bryce Fowler	Jason Haws
Chad Martin	Jared Nowland
Matt Barnes	

Idaho State University

Keith Weber	Jacob Mundt

University of Idaho

Tim Praether	Larry Lass

Boise State University

Charla Adams

Others

Aaron Kunz – Channel 6 News	Greg Hansen, US Forest Service
Gerald Beezer,	

June 3, 2002

Traveled back to the area and found a site that would be adequate for the research site. The site is approximately 3 acres in size. See below/left.

June 24th Live radio broadcast on Trish and Holly show. Talked about the program for the general public.

June 10th Idaho Weed Awareness Campaign, Boise, Id. Talked with advisory group about grant program and intentions.

June 27th National Invasive Species Advisory Committee, Summer Tour, West Yellowstone, Mt. Set up poster display and visited with advisory group about our program.

June 28th Crew met with Larry Lass and Lee (U of I) to train on ASD unit. HyVista was to fly but there were too many clouds in the sky.

June 29th Set up white and black tarps for HyVista fly over on June 30th. (Had to refly on July 1st). Two colors covered approximately 3000sqft each.

University of Idaho

Tim and Larry

Updated Arc/ims to version 4.0. Bought reflectance tarps. Trained field crew to use ASD radiometer. Updated Apache software to prevent hacking into the website. Hyvista imaged the leafy spurge and other weed sites.

Idaho State University

From: Keith T. Weber [webekeit@isu.edu]

I have attended a workshop to visit the field site and proposed training sites/image acquisition areas. In addition to this I have assisted in coordinating hyper spectral image acquisition contracts and details including definition of the area to be imaged, temporal, spectral and spatial resolution concerns.

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I have assisted Jacob Mundt and Nancy Glenn as needed.

Keith

Nancy

1. Image acquisition planning and coordination for HyMap sensor, Quickbird sensor, and 3DI's AISA sensor.

2. Grad student Jacob Mundt acquired GPS coordinates of weed locations, digital images of weeds, and developed flightlines for image acquisition.

3. Development and maintenance of website: http://wapi.isu.edu/weeds

4. Nancy Glenn met with Nature Conservancy to discuss similarities and collaboration between NASA BAA and their Hell's Canyon remote sensing weeds project (starthistle).

5. Jacob Mundt continued to train on the use of ENVI for hyperspectral data analysis.

6. Jacob Mundt and Nancy Glenn met with INEEL (Ron Rope) to discuss areas on INEEL with weed infestations that could be used as parallel sites to the NASA BAA. Birch creek on the Sagebrush Steppe Reserve has leafy spurge that could be used (and was imaged by HyMap funded by another grant) to perform comparative analyses.

Boise State University

Charla

Attended tour on May 29th and has held preliminary meetings with Brian Wilbur with Ada County Weed

No report from other cooperators.

Sincerely,

Jeffrey Pettingill
Bonneville County Weed Supervisor