



Taylor Ranch Field Station  
HC 83  
Cascade, ID 83611

Taylor Ranch Managers  
Jim and Holly Akenson  
208-382-4336

July 7, 2000

Clem Pope  
Krassel Ranger District  
P. O. Box 1026  
McCall, ID 83638

Dear Clem:

Enclosed is a copy of the working map we developed when conducting knapweed transects at Goat Creek in summer 1999 (Joint Venture Agreement, No. 12-JVA-99) and a copy of aerial photo #EVC-37-177 with knapweed sites marked. Please include the map, photo and additional data in this letter to the knapweed report we submitted last year.

The extent of knapweed in 1999 on both sides of the mouth of Goat Creek was 15,670 m<sup>2</sup> (3.9 acres) including 10,570 m<sup>2</sup> (2.6 acres) on the west side and 5,100 m<sup>2</sup> (1.3 acres) on the east side of Goat Creek. Knapweed is the dominant vegetation in all non-forested or non-shrub areas on the west side, but is primarily concentrated on the western half of the east side of Goat Creek. Knapweed density was not calculated for the east side of Goat Creek since one of the data sheets was lost. East side knapweed densities were probably similar or slightly lower than west side densities.

On July 3, 2000 we visited the Goat Creek knapweed site. New knapweed plants had filled in the bare ground in the 4 meter wide corridor we established last year by pulling all knapweed plants along the trail. This site needs annual eradication efforts for effective control. The knapweed at Soldier Bar was stunted and lower density after the Krassel District spraying this spring compared to Goat Creek. We continue to pull knapweed at a site at Taylor Ranch. This year we pulled 1150 plants and only 1 seed head, compared to last year 850 plants and 6 seed heads. I think we are making progress. We found a new site nearby this year: 23 plants and 100 seed heads! Is Sulfur cinquefoil classified as a noxious weed? It has invaded the Taylor Ranch lower (NE) pasture and between Goat Creek and Taylor Ranch.

Sincerely,

Holly Akenson

TAYLOR RANCH KNAPWEED PROJECT  
STUDENT INTERNS 1999

Objectives

- Students will learn to set up and conduct sampling methods to monitor status of vegetation and the effects of vegetation manipulation.
- Students will gain hands-on experience in field techniques: assessing vegetation density and distribution and conducting manual control of weeds.
- Taylor Ranch will establish a cooperative relationship with the Payette National Forest to accomplish a mutual resource management goal.

Knapweed Project Activities

- Map location and extent of knapweed infestations on lower Big Creek.
- Set up a sampling design for annual monitoring of the extent and density of knapweed at 2-3 sites.
- Control knapweed at 1 site by hand pulling, with assistance from a Forest Service crew. Knapweed control will be done 2-3 times during summer. Knapweed will be removed from the edges of the infestation to control rate of spread, but eradication will not be done.
- Set up a sampling design for annual monitoring of the effects of knapweed control.

Funding will be provided for student intern participation from the Payette National Forest. Funds will go toward student internship stipends (\$2,300 total).

Original



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