

A large herd of goats of various colors (white, brown, black) is gathered on a wide, reddish-brown dirt path. The path runs alongside a calm blue lake. In the background, a multi-story building is built into a rocky cliffside under a clear blue sky with a few wispy clouds. The scene is bright and sunny.

GOAT TALK

WESTERN WEED EATERS LLC

Sarah & Jay Harris

Project Goals

- **Create A Working Relationship With Land Owners**
- **Use as a tool & combine methods of treatment**
- **Restoration**
- **Seed Bank Reduction & Root Damage to Noxious Weeds**
- **Fire Fuels – Ladder Fuel Reduction**
- **Sustainable Agriculture**

How Plants Respond

- Goats prefer to eat the leaves and small stems
- Seed Bank reduction
- Weakens the roots
- Taproot plants fail to send new shoots

Knapweed for example produces up to 100,000 seeds per plant, these are viable up to 10 years.

Multiply 1 plants offspring's production for 10 years!!!

WHAT WE DO

- Intensive Rotational Grazing
- Breed and Train Weed Goats
- Focus Fencing
- Time Management
- Resource Management
- Animal Management
- Data Collection



Multi Species Usage of Land

- **Other Animals**

- Cattle, Sheep, and Horses all graze. Goats, are browsers and seek broadleaf and woody forage.
- Wildlife thrive in healthy areas with more grass and fewer invasive species.

- **Utilization of land and vegetation**

- Different species eat different types of vegetative material

- **Economic Benefits**

- Better forage = more livestock = \$\$\$/ Same acreage
- Fewer cost for short term weed control methods
- Area is more desirable for tourism and recreation

Contractor Responsibilities

- Fencing
- Liability Insurance
- Care of Animals
- Safety of Public & Animals
- Meeting Landowner Management Goals
- Collection of Data

FOR YOUR INFO...

All Animals are Health Inspected by a Veterinarian at regular intervals.

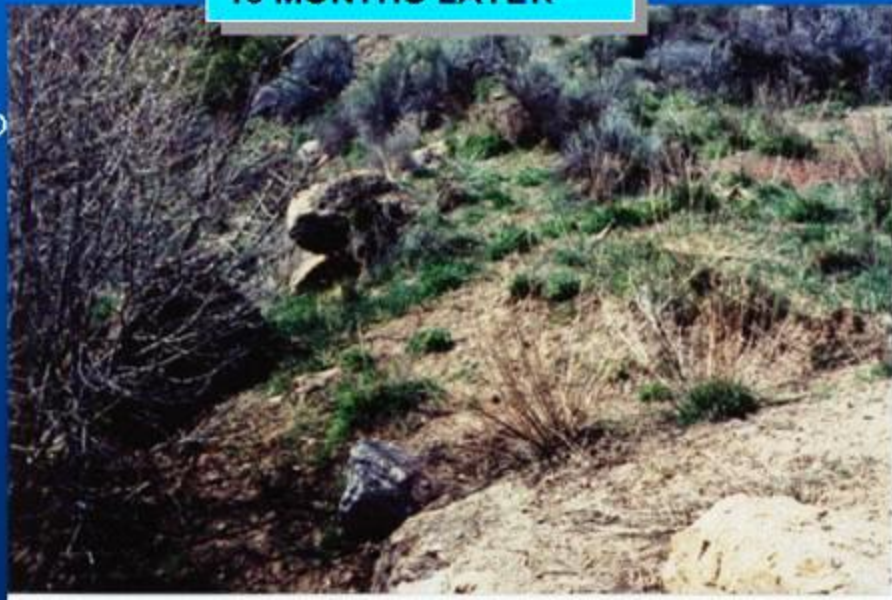
BEFORE



AFTER



10 MONTHS LATER



SPOTTED KNAPWEED
SITE ON A HIGH
TRAFFIC AREA
OF THE
DESCHUTES RIVER

We Love Our Job

- **Eating Canadian Thistle in Riparian Area**



JUST BRUSHING UP !

FIRE FUELS REDUCTION Goats Create fantastic mosaics !!



This area had no visible grasses in 2001. There are many new natives in this area now 4-26-02. Grasses react to less competition, and more sunlight and moisture.

NEW GRASS IN OLD SEED BED



ENGLISH IVY

No Disposal of mass



Goats Love Their Trees Too!!

SALT CEDAR

RUSSIAN OLIVE

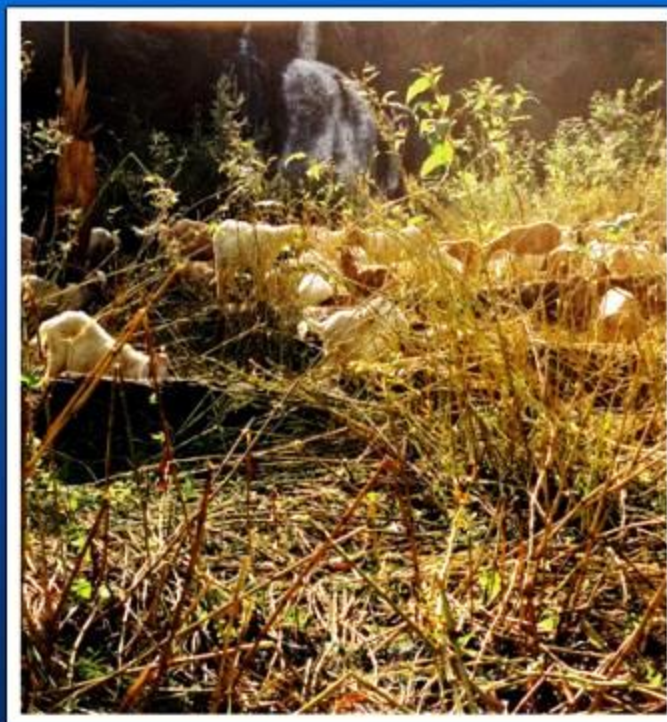


NOTICE WHICH TREES THEY
PREFER



01/09/2003

JAPANESE KNOTWEED



YOUNGS FALLS OREGON



National Historical Site

CANADIAN THISTLE

And Teasel

2 acres 400 goats

TOP:

Just turned goats in

BOTTOM LEFT:

18 Hours later

BOTTOM RIGHT:

38 Hours later



We are in here. Can you see us?



There is a spring right
behind the post.

Covered with 26 different
Varieties of Noxious
Weeds

Problem: Creating huge
amounts of algae where
spring runs into river

Prescription: de-vegetate
with goats. Place Straw
below spring and replant
desirable wetland grasses.



CANALS ARE A WEED HIGHWAY



IT TAKES A LITTLE EQUIPT.



10/04/2004



10/04/2004



01/01/2003

Cooperating Partners

- **Deschutes Soil & Water Conservation District, Redmond, OR**
- **Redding BLM Redding, CA**
- **Central Oregon Irrigation District Bend, OR**
- **Eugene Water and Electric Board Eugene OR**
- **US Army Corps of Engineers Oregon**
- **USFS Sisters Dist. Sisters, OR**
- **Moapa Piute Indian Reservation Moapa, NV**
- **Salem BLM Dist. Sandy, OR**
- **Portland Metro Parks and Rec. Portland & Wilsonville, OR**
- **Sunriver Resort Sunriver, Or**
- **Ca State Parks Eureka,CA (Redwood Forrest)**
- **US Fish and Wildlife Arcata CA Refuge**
- **Chico Parks and Recreation Chico CA**
- **Cherry Creek State Park Denver Co.**
- **City of Willsonville, Wilsonville, OR**

Contacting Us

- Sarah's Cell (541)510-7260
- NM Cell Ph (505)235-8245
- FAX (800)298-8716
- E-mail

wweedeaters@aol.com

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