

WEED WARRIOR

WEED IDENTIFICATION WORKSHOP

April 19, 2013

Cedar House, Truckee



THANK YOU TO WEED WARRIOR FUNDERS

Martis Fund

“a collaborative project of Martis Camp landowners, DMB/Highlands Group (the developers of Martis Camp), Mountain Area Preservation Foundation (MAPF), and Sierra Watch.”

Department of Conservation

Weed Warrior program was funded in part through a grant awarded by the California Department of Conservation

WEED WARRIORS MISSION STATEMENT

- ◉ Coordinate activities for the prevention and control of non-native invasive plants
- ◉ Focus on exclusion, detection, containment and eradication of non-native invasive plants



ABOUT WEED WARRIOR PROGRAM

Goals

- ◉ Participate in on-the-ground efforts to eradicate non-native invasive plants.
- ◉ Report to, and communicate, with partners. Placer, Nevada and Sierra County; California Invasive Plant Council, US Forest Service.
- ◉ Educate the public about non-native invasive plants (identification and preservation).
- ◉ Appoint and manage a Steering Committee composed
- ◉ Collaborate with staff and volunteers

WHAT WE WILL LEARN TODAY

Presentation

- ◉ References: Landscape Training Manual and Invasive Weeds of the Tahoe National Forest
- ◉ Terminology
- ◉ List A, B, & C noxious weeds
- ◉ Preventing the spread of non-native invasive plants
- ◉ Treatment methods
- ◉ Reporting non-native invasive plants
- ◉ How you can help

Weed Identification Stations and Game

- ◉ How to identify some of our most common non-native invasive plants
- ◉ Resources for non-native invasive plants

WHAT IS A “WEED”

- ◉ Grows where not wanted (can be native or non-native)
- ◉ Problem locally, but generally doesn't establish in natural areas
- ◉ Characteristics:
 - disturbed places
 - requiring minimal resources
 - Prolific (many flowers and seeds quickly)
 - Other sources of reproduction (i.e., vegetative)
- ◉ Dandelion, bur clover, prickly lettuce
- ◉ Native yarrow - monoculture



WHAT IS AN INVASIVE PLANT

“In California, approximately 3% of the plant species growing in the wild are considered invasive, but they inhabit a much greater proportion of the landscape.”

- Non-native plant - very high reproductive potential, establish across long distances
- Ex: produce seeds that can spread by wind or by animals
- Establish in natural areas and disrupt natural communities (outcompete natives)

NOXIOUS WEED

- “Noxious weed” is a legal term employed by the California Dept. of Food and Agriculture, and refers to an invasive plant that poses a significant threat to agriculture, general public, or to our environment.
- Assigned priority rating of “A”, “B”, or “C”

NOXIOUS WEED RATING

○ List "A"

- Very invasive
- Limited distribution across State
- Top priority for control before they become too widespread

○ List "B"

- Very invasive
- More widespread
- Priority decided on "case-by-case" basis (depending on local value of resource, funds available, etc.)

○ List "C"

- Spread beyond the point where the State can justify spending limited resources to control (public encouraged to treat)



NON-NATIVE INVASIVE PLANT

Encompasses the terms
Weed, Invasive Plant, and
Noxious Weed

PREVENTING THE SPREAD

- Most economical way to control non-native invasive species
 - Educating workers and public about importance of managing weeds
 - Proper identification
 - Avoid or treat existing weed populations
 - Prevent propagating parts of plant from spreading



PREVENTING THE SPREAD OF NON-NATIVE INVASIVE PLANTS

○ Recreation and Work Areas

- Inspect area and report noxious weeds
- Clean vehicles, shovels, vehicles, soil-disturbing equipment, shoes, clothing prior to entering a site
- Use weed-free soil, fill and other materials
- Don't walk, ride or drive through infestations; stay on designated roads
- Dogs - check paws, coats and remove weed parts
- Maintain a healthy, competitive stand of desirable plants that limits the ability of weeds to establish and thrive
- Avoid planting non-native invasive plants
- Callpc site for more



REPORTING NON-NATIVE INVASIVE WEEDS

- Report only “A” and “B” noxious weeds or the “C” rated scotch broom, yellow starthistle or yellow toadflax to www.truckeeriverwc.org “Report a Weed” .
- Information you will need to report:
 - Your name, email and contact information
 - Correctly identified weed
 - Estimated number plants
 - Geographic location: the street address, GPS coordinates in NAD 83, or use the satellite map or regular map on the website to place a marker.
 - Size of the infestation in square feet or acres.

DETERMINING TREATMENT METHOD

- ◉ Identify species (Weed Warriors can verify)
- ◉ If List A & B
 - Report it to Weed Warriors and/or County
 - County will treat
 - DO NOT TREAT IT YOURSELF!
 - Provide County with permission to treat
- ◉ List C and others (Ex: Bull thistle, teasel)
 - Bag & Bake Method
- ◉ Resources
 - Weed warrior website
 - Management method - Invasive Weeds of the Tahoe National Forest
 - TRWC office books, cd's
 - County
 - Online resources: CallIPC

BAG & BAKE TREATMENT METHOD

- ◉ List “C” and Non-Rated Species
- ◉ Dig plants with flowers and seed, removing as much of root as possible
- ◉ Double bag flower parts and seeds in strong waste bags (not green or blue bags in Truckee)
- ◉ In bag, spray plant parts with soapy water
- ◉ Tie bag and place in sun to decompose (minimum one month)
- ◉ Dispose of in trash
- ◉ Observe site for regrowth

OPPORTUNITIES TO GET INVOLVED

◉ Become Educated

- Visit our Website
- Learn your non-native invasive plants
- Weed Walks
- Workshops (LTBWCG, UNR Cooperative Extension, TRWC)
- Vouchering

◉ Become Involved

- Report known noxious weeds
- Weed Spotter
- Weed Verifier
- Volunteer to educate at information booths (Truckee Thursdays), events, etc.
- Weed Warrior Steering Committee

◉ Become Active

- Work Days (weed pulls)
- Spread the word
- Truckee River Day October 20

THANK YOU

