

Basic Weed Info for Timpanogos Emergency Response Team

Guidance for TERT on providing “in kind” matching contributions as volunteer partners assisting the Forest Service with the 2021 Invasive Species Mitigation Grant in the Timpanogos Wilderness:

- Primary Role: Educate public land users of noxious weed issues.
- Secondary Role: Assist in identifying any noxious weed areas and notifying the Forest Service.

Public Education:

Please also educate people you meet. Share resources listed above with them and the importance of keeping wilderness weed-free. Here are some tips from PlayCleanGo.org:

- Clean your footwear with a boot brush
- Remove invasive plants and dispose properly
- Pick seeds and burrs off clothes and gear
- Clean mud and seeds from your dog
- Don't move firewood: buy it where you burn it
- Hose your bike or ATV with water or compressed air
- Boaters: clean, drain, dry, dispose
- Feed your horse weed-free certified hay
- Clean your horse's hooves, mane, and tail

Plant Identification:

The Noxious Weeds Field Guide for Utah booklet has photos of roots, leaves, flowers, seeds etc., to help you recognize these invasive noxious plants. It is recommended that you find a really weedy location in the valley to practice identifying some of the weeds found in the booklet.

Available resources:

- Noxious Weed Field Guide for Utah (Utah Weed Identification):
<https://extension.usu.edu/fieldguides/ou-files/Noxious-Weed-Field-Guide-for-Utah.pdf>
- Online Utah Weed Identification: <https://slco.org/weeds/noxious-weeds/>
- PlayCleanGo.org (Weed Educational Site)
- Map of past and present weed locations : <https://www.eddmaps.org/west/>
 - If you have located invasive noxious weeds and there is nothing already on the map at the location you should add what you have found to that database.

Plant Reporting:

If you find any of the noxious weeds in the Noxious Weeds Field Guide for Utah booklet, in the wilderness, please take a GPS coordinate and collect the following information:

1. Accurate plant ID (if you are not confident, pull a plant and bring it in, or take photos of seed, flower, root, leaves, ecosystem, etc.).
2. Phenology (sprouting, vegetative, budding, flowering, fruiting, seeding, dormant, etc.).
3. Location (with a descriptor as well as GIS coordinates, either Lat/Long or UTM).
4. Size of population (area, mapped if possible, and approximate number of plants or percent cover).

5. Date of observation.
6. Any other notes or comments (access, warnings, concerns, etc.).
7. Report the information collected to the Forest Service (see contact information below).
Example: *Myrtle Spurge, fruiting, at the Rock Canyon Trailhead 40°15'54.7"N 111°37'50.9"W, 500+ plants in 2 acres, (1/10 acre solid weeds and scattered plants throughout the rest of acres), observed on 5/29/2019.*

Report all Class IA & Class IB weeds as well as the ones below. We are very concerned about these plants and need them reported immediately so we can take action. These plants require herbicide and intensive treatments so don't pull.

Jointed goatgrass	Purple loosestrife (in wetlands)
Leafy spurge	Yellow starthistle
Garlic mustard (in forested areas)	Canada thistle
Knapweeds	Hoary cress

We assume these weeds are around. If you see one or two of these, please pull them (bag the heads if they've started to flower). Please report them as well particularly if you see any large numbers of them.

Myrtle spurge	Dyer's woad
Musk thistle	Scotch thistle
Dalmatian toadflax (don't bother pulling)	Houndstongue (educate about burr removal)

If you have any questions at any time, please contact Jana Leinbach at the USFS Pleasant Grove Ranger Station by email: jana.leinbach@usda.gov or office phone: 801-796-4883.