

**Park County Weed & Pest Control District**  
**Options to Meet Your Vegetation Management Goals**  
**Using Chemicals for a Firewise Property**

Herbicides are chemicals that cause injury to plants, and can be a very useful tool to land owners in achieving management goals on their property. Since the chemical regulation of plant growth is complex, this guide is merely to demonstrate some of the vegetation management options available to land owners; and is not intended to be a guide to herbicide use. Please contact the Park County Weed & Pest Control District to help with chemical recommendations to help reach your goals.

Vegetation management plans should always start with well defined goals, followed by selecting a strategy to meet those goals, then implementation of the strategy, followed by assessment, and finally follow up. Following is a list of general vegetation management goals and some of the strategies and products available to reach those goals:

! **Bare Ground**

- Used to maintain fire breaks
  - **Glyphosate**- Roundup is the recognizable trade name, but many generic brands offer the same active ingredient. This chemical will kill any green and growing vegetation it is sprayed on. It can be used under trees and shrubs, there is no soil residual. Repeat applications are necessary through the growing season to maintain bare ground.
  - **Soil Sterilants**- Products are available that will maintain bare ground vegetation control for multiple seasons. Sterilants have a long soil residual and can move with water off the site of application. Not to be used in reasonable proximity to any desirable vegetation.

! **Fuels Thinning**

- “Fine fuels” management
  - **Cheatgrass**- Removing the annual grass Downy brome, or Cheatgrass, can significantly reduce fuels loading, fire frequency, and intensity. There are options for controlling Cheatgrass, including options to leave desirable grasses. Control of this species is time and rate sensitive.

- **Broadleaf Weeds**- Broadleaf weeds and forbs can be easily controlled by a number of selective herbicides. The Weed & Pest can help to identify weeds as noxious or not and can make chemical recommendations specific to your property and goals. Cost-sharing may be available for some noxious weed problems.
    - **Grass Suppression**- Chemicals are available to manage perennial grass stands that retard their growth to reduce fuels loading. Many of these chemicals are time and rate sensitive, contact the Weed & Pest to see if this option may work for you.
  - “Course fuels” Management
    - **Brush, Shrub, and Tree Control**- Herbicide treatments are often needed when controlling these deeply rooted perennial species. Many options are available to meet your specific needs.
    - **Russian olive and Salt Cedar Removal Cost-Share**- Park County Weed & Pest in cooperation with the Shoshone/Clarks Fork Coordinated Resource Management Committee are offering cost-sharing for the removal of these noxious species. Landowners may qualify for up to 85% cost-sharing for removal labor and 50% for the chemical. Applications can be found at the Park County Weed & Pest office.

! **Other Tools for Landowners**

- Rental equipment
  - **Sprayers**- Available for rent are two 200 gallon skid mounted sprayers with hose reel, handgun and booms are available at the main Powell office. A 200 gallon sprayer with hose reel, handgun, and booms mounted on a trailer is available at the Weed & Pest Shed located at the county road and bridge parking lot in Cody. 4 gallon backpack sprayers are available at both locations.
  - **Dew-Drop Range Seeder**- a three foot wide range planter is available to rent to help establish desirable competitive grasses and forbs. It comes on a trailer and is designed to be used behind an ATV. Located at the Powell office.
  - **Water-jet Stinger**- Mounted on a trailer, uses high pressure water to drill holes in the ground for planting woody suckering species like cottonwood and willows.
- Weed Management Planning

- The Weed & Pest can do on site evaluations of your property to help educate the landowner on any weeds they may have and help create a weed management plan for your property.
- [parkcountyweeds.org](http://parkcountyweeds.org)
  - Our website is a landowner resource for weed identification, district programs, links, education, and contact information.

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