



# Herbaceous Weed Control

## Conservation Practice Job Sheet

MD315



### Definition

The removal or control of herbaceous weeds including invasive, noxious and prohibited plants.

### Purpose

Enhance accessibility, quantity, and quality of forage and/or browse.

Restore or release native or create desired plant communities and wildlife habitats consistent with the ecological site.

Protect soils and control erosion

Reduce fine-fuels fire hazard and improve air quality

### Criteria

Herbaceous weed control will be applied in a manner to achieve the desired control of the target species and protection of desired species through utilization of Integrated Pest Management (IPM) principles.

Access the following link, <http://www.mdipm.umd.edu/aboutIPM/overview.cfm> for more information on IPM. This will be accomplished by mechanical, chemical, burning

### Where used

On all lands except active cropland where removal reduction, or manipulation of herbaceous vegetation is desired.

This practice does not apply to removal of herbaceous vegetation by prescribed fire (use Prescribed Burning - 338) or removal of herbaceous vegetation to facilitate a land use change (use Land Clearing - 460).

or biological methods either alone or in combination. When burning is used as a method, the Prescribed Burning - 338 will also be applied.

NRCS will not develop biological or chemical treatment recommendations except for biological control utilizing grazing animals. Prescribed Grazing - 528 is used to ensure desired results are achieved and maintained.

NRCS may provide clients with acceptable biological and/or chemical control references to achieve desired management objectives. Refer to University of MD recommendations for the species being treated (<http://weeds.umd.edu/>) when selecting the appropriate method, timing, and management to achieve the desired results.

Also refer to MD Department of Agriculture (MDA) Noxious Weed ID (<http://www.mda.state.md.us/pdf/weedbro.pdf>) for target species within the state.

Biological control, if used, need to conform to release standards. All necessary local, state, or other permits must be secured prior to release of the control vector.

When herbicides are used, environmental hazards and site-specific application criteria listed on pesticide labels and contained in extension service and other approved pest management references must be followed. Adverse effects to threatened and endangered species must be avoided.

Herbaceous weed control will include post treatment measures as needed to achieve resource management objectives.

Livestock and people access will be controlled based on management methods applied and restrictions as listed on the chemical labels.

Manage and/or dispose of treated weed species in a manner that will prevent the spread of herbaceous weeds to new sites.

## Specifications

Consider using Integrated Pest Management - 595 in support of herbaceous weed control. Consider soil erosion potential and difficulty of vegetation establishment when choosing a method of control that causes soil disturbance.

Consider the appropriate time period for treatment. Some herbaceous weed control activities can be effective when applied within a single year; others may require multiple years of treatment(s) to achieve desired objectives.

Consider impacts to wildlife species, in general, treatments that create a mosaic pattern may be the most desirable.

Consider impacts to wildlife food supplies, space, and cover availability when planning the method and amount of herbaceous weed control.

State issued licenses may be required when using chemical pesticide treatments.

For air quality purposes, consider using chemical methods of herbaceous weed control that minimize chemical drift and excessive chemical usage and consider mechanical methods of herbaceous weed control that minimize the entrainment of particulate matter.

Adjacent land uses must be considered before chemicals are used.

## Herbaceous Weed Control – Job Sheet

Producer \_\_\_\_\_ Farm # \_\_\_\_\_ Tract # \_\_\_\_\_  
 Field Office \_\_\_\_\_ Contract # \_\_\_\_\_  
 Planning Date \_\_\_\_\_ Field # \_\_\_\_\_

### Purpose (check all that apply)

- Enhance accessibility, quantity, and quality of forage and/or browse.
- Restore or release native or create desired plant communities and wildlife habitats consistent with the ecological sites.
- Protect soil and control erosion.
- Reduce fine-fuels fire hazard and improve water quality.

### Practice Specification

Herbaceous species controlled:

Method of Control:

If herbicide application is selected, what is the recommended chemical and rate (from MD Extension):

Actual Applied Rate:

### Operation and Maintenance

- Herbaceous weed control practices shall be applied using approved materials and procedures. Operations will comply with all local, state, and federal laws and ordinances.
- Success of the practice shall be determined by evaluating regrowth or reoccurrence of target species after sufficient time has passed to monitor the situation and gather reliable data. Length of evaluation periods will depend on the herbaceous weeds species being monitored, proximity of propagules (seeds, plant materials and roots) to the site, transport mode of seeds (wind or animals) and methods and materials used.
- The operator will develop a safety plan for individuals exposed to chemicals, including telephone numbers and addresses of emergency treatment centers and the telephone number for the nearest poison control center. The National Pesticide Information Center (NPIC) telephone number in Corvallis, Oregon, may also be given for nonemergency information: **1-800-858-7384**.
- Follow label requirements for mixing/loading setbacks from wells, intermittent streams and rivers, natural or impounded ponds and lakes, and reservoirs.
- Post signs, according to label directions and/or federal, state, tribal, and local laws, around fields that have been treated. Follow restricted entry intervals.
- Dispose of herbicide and herbicide containers in accordance with label directions and adhere to federal, state, tribal, and local regulations.
- Read and follow label directions and maintain appropriate Material Safety Data Sheets (MSDS). MSDS and herbicide labels may be accessed on the Internet at: <http://www.greenbook.net/>
- Calibrate application equipment according to recommendations before each seasonal use and with each major chemical and site change.
- Replace worn nozzle tips, cracked hoses, and faulty gauges on spray equipment.
- Maintain records of plant management for at least two years. Herbicide application records shall be in accordance with USDA Agricultural Marketing Service's Pesticide Recordkeeping Program and state-specific requirements.

**Planner Certification**

This Herbaceous Weed Control plan meets the requirements of NRCS Conservation Practice Standard 315.

Signature

Title

Date

**Certification of Practice Completion**

This Herbaceous Weed Control practice has been completed and maintained according to NRCS plans and specifications. (Indicate in Practice Specifications if there were any changes to the planned practice and acreage.)

Signature

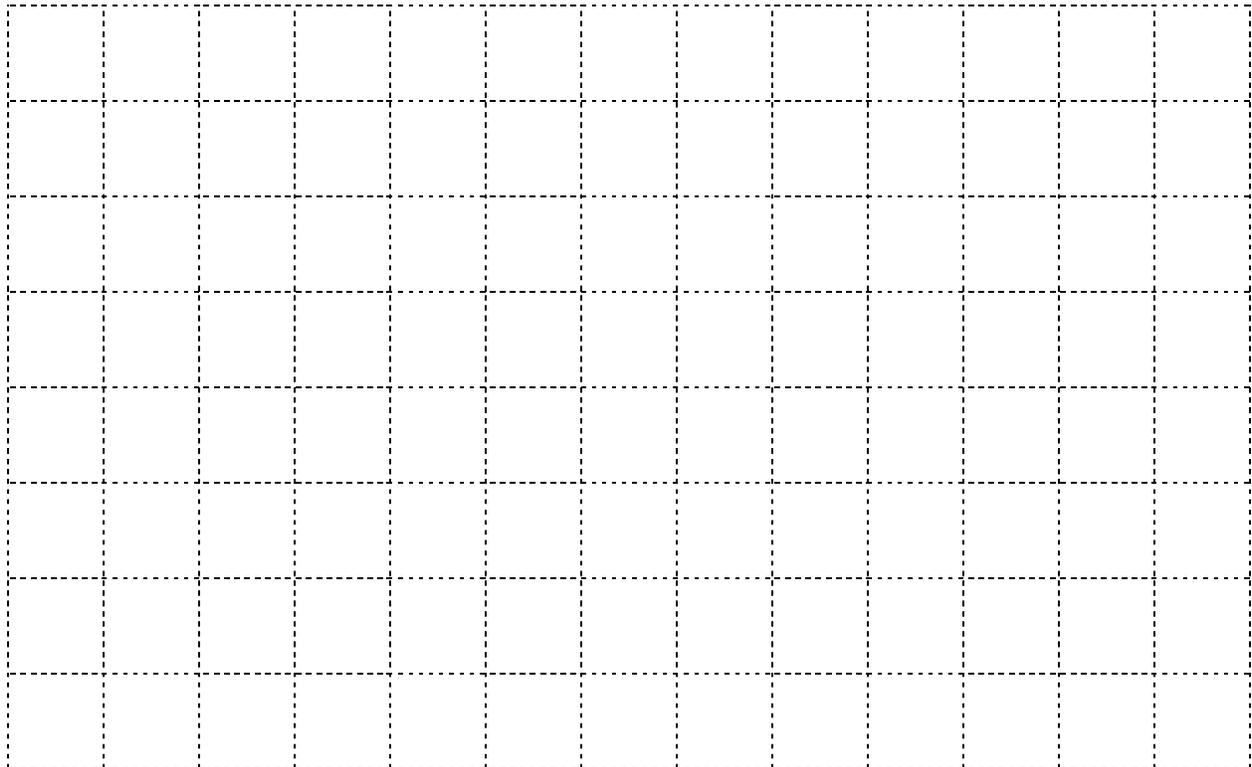
Title

Date

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If needed, an aerial view or a side view of the practice can be shown below. Other relevant information, complementary practices and measures, and additional specifications may be included.

Scale 1"= \_\_\_\_\_ ft. (NA indicates sketch not to scale: grid size=1/2" by 1/2")



Additional Specifications and Notes

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