BRUSH MANAGEMENT

Conservation Practice Job Sheet *PA314*

Producer:	**Farm #:**
Field(s):	**Tract #:**
Job Sheet Completed By:	**Approved By:** **Signature:**
Date:	**Date:**

DEFINITION
Removal, reduction, or manipulation of non-herbaceous plants including those that are invasive and noxious.

PURPOSE (check all that apply)

- ☐ Create the desired plant community consistent with the ecological site.
- ☐ Restore or release desired vegetative cover to protect soils, control erosion, reduce sediment, improve water quality or enhance stream flow.
- ☐ Improve forage accessibility quality, and quantity for livestock and wildlife.
- ☐ Maintain, modify, or enhance fish and wildlife habitat.
- ☐ Manage fuel loads to achieve desired conditions.

CONDITIONS WHERE PRACTICE APPLIES
On all lands except active cropland where the removal, reduction, or manipulation of woody (non-herbaceous or succulent) plants is desired.

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

SPECIFICATIONS
Site-specific specifications are listed on the following pages. These specifications describe how this practice is to be implemented on this site in accordance with the NRCS Field Office Technical Guide and the Brush Management (314) practice standard.

OPERATION AND MAINTENANCE

Operation: Brush management 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 post-treatment regrowth of target species after sufficient time has passed to monitor the situation and gather reliable data.

Length of evaluation periods will depend on the woody species being monitored, proximity of propagules (seeds, branches, and roots) to the site, transport mode of seeds (wind or animals) and methods and materials used.

Maintenance: Following initial application, some regrowth, resprouting, or reoccurrence of brush may be expected. Spot treatment of individual plants or areas needing re-treatment should be completed as needed while woody vegetation is small and most vulnerable to desired treatment procedures.

Review and update the plan periodically in order to:

- incorporate new IPM technology;
- respond to grazing management and complex plant population changes; and
- avoid the development of plant resistance to herbicide chemicals.

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BRUSH MANAGEMENT SPECIFICATIONS

Goals/Objectives of Treatment:

Targeted Species for Control			
Field or Stand*	Species to be Controlled	Current Percent Cover or Density	Planned Post-Treatment Percent Cover or Density

***** Map or narrative description of areas planned for treatment should be attached

Monitoring Plan	
Timing	
Frequency	
Method	

Field or Stand	Treatment Methods (check all that apply)
	☐ Mechanical Treatment ☐ Chemical Treatment ☐ Biological Treatment
	☐ Mechanical Treatment ☐ Chemical Treatment ☐ Biological Treatment
	☐ Mechanical Treatment ☐ Chemical Treatment ☐ Biological Treatment
	☐ Mechanical Treatment ☐ Chemical Treatment ☐ Biological Treatment

General Specifications

- Carry out activities so rutting, soil compaction and excessive disturbance to the soil is minimized.
- Vegetative material left on site after control activities shall not pose a fire or pest hazard or interfere with the intended purpose of the practice or desired land use.
- Protect sensitive areas such as vernal pools, riparian areas, wetlands and cultural resources. These areas should be identified on a map or with a detailed narrative description.

HERBACEOUS WEED CONTROL SPECIFICATIONS

Mechanical Treatment Methods:	
Acceptable mechanical treatment references	
Types of equipment to be used	
Dates of treatment	
Operating Instructions	
Techniques and procedures to be followed	

Biological Treatment Methods*	
Acceptable biological treatment references	
Kind of grazing animal to be used	
Timing, frequency, duration and intensity of grazing	
Desired degree of grazing or browsing use for effective control	
Maximum allowable degree of use on desirable non-target species	
Special mitigation, precautions or requirements	

*** Producer shall have a written Prescribed Grazing Plan specifying proper grazing management**

Chemical Treatment Methods*	
Acceptable chemical treatment references	
Acceptable dates or plant growth stage	
Evaluation and interpretation of herbicide risks	
Special mitigation, precautions or requirements to ensure safest most effective application	
∗ **Follow all applicable Federal, State and Local laws and regulations.** ∗ **Follow all label instructions and abide by all precautions on the container label.**	

The practice has been planned according to current PA NRCS Standards and Specs for Brush Management (314).

Planned by: _____ Date: _____

Check Out and Certification Requirements:

I certify that the above Design and Installation requirements ☐ have ☐ have not been met in accordance with the criteria of the NRCS PA Conservation Practice Standard PA 391. ____acres of this practice, as covered by this Job Sheet, were installed on the date of _____.

_____ _____

Signature of Designated Conservationist *or* Technical Service Provider Date