

# BRUSH MANAGEMENT

## PENNSYLVANIA CONSERVATION PRACTICE JOB SHEET

314



### DEFINITION

Removal, reduction, or manipulation of non-herbaceous plants.

### PURPOSE

This practice may be applied as part of a conservation management system to facilitate the application of conservation practices that treat the soil, water, air, plant, animal, and human resource concerns in order to:

- Restore natural plant community balance
- Create the desired plant community
- Improve forage accessibility quality, and quantity for livestock
- Maintain or enhance wildlife habitat including that associated with threatened and endangered species
- Restore desired vegetative cover to protect soils, control erosion, reduce sediment, improve water quality and enhance stream flow.
- Protect life and property from wildfire hazards

### WHERE USED

This practice applies on pasture, native or naturalized pasture, hayland, and well-managed wildlife areas where removal or reduction of excessive (woody) plants is desired.

Land where adjustments in grazing management alone will not restore the kind of plant cover needed

to attain conservation objectives within a reasonable time.

Land where brush management will improve areas for wildlife, recreation, or natural beauty.

### 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 regrowth or reoccurrence of target species after sufficient time has passed to monitor the situation and gather reliable data. Evaluation periods will depend on the methods and materials used.

### Maintenance:

Following initial application, some regrowth, resprouting, or reoccurrence of brush should be expected. Spot treatment of individual plants or areas needing retreatment should be done as needed.

### SPECIFICATIONS

Site specific requirements are listed on the standards and specifications sheet. Additional provisions are entered on the worksheets on the following pages. Standards and specifications are prepared in accordance with the NRCS Field Office Technical Guide. See practice standard Brush Management, code 314.

Producer \_\_\_\_\_ Tract \_\_\_\_\_ Field No. \_\_\_\_\_

County \_\_\_\_\_ Date \_\_\_\_\_

**Managing Grasslands for Brush Management**

Objectives of treatment: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Field	Percent of Woody Vegetation Present	Desired Brush Species to be Managed*	Percent of Desired Woody/Brush Species Planned For

\* Desired Brush Species commonly found in Pennsylvania Grasslands:

Smooth Alder, Arrowwood Viburnum, Blackhaw Viburnum, Nannyberry Viburnum, Wild Raisin Viburnum, Silky Dogwood, Gray Dogwood, Smooth Sumac

Field	% Multiflora Rose to Eliminate/Control	% Autumn Olive to Eliminate/Control	% Russian Olive to Eliminate/Control	% Other to Eliminate/Control

**Selected Treatment- Check Methods Planned**

Field	Mechanical	Chemical	Biological

**Mechanical Treatment**

Kind of Equipment: \_\_\_\_\_  
Optimum Dates of Control: \_\_\_\_\_  
Specific Procedures: \_\_\_\_\_

**Chemical Treatment\*\***

Chemicals to be Used: \_\_\_\_\_  
Recommended Application Rate: \_\_\_\_\_  
Acceptable Dates of Treatment: \_\_\_\_\_  
State of Growth: \_\_\_\_\_  
Specific Procedures: \_\_\_\_\_

**\*\* Producer is to follow all applicable Federal, State, and Local Laws and Regulations.**

**Follow all label instructions and abide by all precautions on the container label.**

**Biological Control\*\*\***

Kind of Grazing Animal: \_\_\_\_\_  
Number of Grazing Animals: \_\_\_\_\_  
Dates of Treatment: \_\_\_\_\_  
Desired Degree of Use on Target Species: \_\_\_\_\_  
Maximum Degree of Use on Non-Target Species: \_\_\_\_\_  
Specific Procedures: \_\_\_\_\_  
Other Biological Control: \_\_\_\_\_

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

<b>JOB SHEET COMPLETED BY:</b>	
_____	_____
NRCS Conservationist	Date