

**NATURAL RESOURCE CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD**

BRUSH MANAGEMENT

(Acre)
CODE 314

DEFINITION

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

PURPOSES

This practice may be applied as part of a conservation management system to accomplish one or more of the following purposes:

- Improve forage accessibility, quality and quantity for livestock.
- Create the desired plant community.
- Reduce competition for space, moisture, and sunlight between desired and unwanted plants.
- Manage noxious woody plants.

CONDITIONS WHERE THIS PRACTICE APPLIES

On pasture and hay lands where removal or reduction of excessive woody (non-herbaceous) plants is desired.

CRITERIA

General Criteria Applicable For All The Purposes Stated Above.

Brush management will be designed to achieve the desired plant community using recommendations in the standard references for

mechanical, chemical, biological, or a combination of these methods.

Prescribed Grazing (528A) shall be applied to ensure desired response from treatments. When chemicals are used, see labels for grazing restrictions.

CONSIDERATIONS

Timing and sequence of brush management in a pasture and/or the entire operating unit should be planned to ensure needed grazing management to control re-infestation.

Consider soil erosion potential and difficulty of vegetation establishment when choosing a method of control that causes soil disturbance.

PLANS AND SPECIFICATIONS

Plans, maps and specifications will be prepared for each pasture, field, or management unit where treatment will be applied or left undisturbed.

These documents will contain the following data as a minimum:

For mechanical treatment methods:

1. Type of equipment to be used
2. Dates of treatment
3. Techniques or procedures to be followed

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service.

For chemical treatment methods:

1. Identified target pest
2. Information sheet providing recommendations (See References)
OR
 - Herbicide name
 - Rate of application or spray volumes
 - Acceptable dates of application
 - Mixing instructions (if applicable)
3. Any special application techniques, timing considerations, or other factors that must be considered to ensure the safest, most effective application of the herbicide
4. Reference to label instructions for application and work protection standards.

For biological treatment methods:

1. Kind of biological agent or grazing animal to be used
2. Timing, duration, and intensity of grazing or browsing
3. Desired degree of grazing or browsing use for effective control of target species

- Control of Autumn Olive, Multiflora Rose, and Tartarian Honeysuckle – Chemical Information. 1996. WVU-Extension Service and USDA-Natural Resources Conservation Service. Morgantown, WV. (www.caf.wvu.edu/~forage/5416.htm).
- Mechanical Control of the Multiflora Rose. 1994. WVU-Extension Service. Morgantown, WV. (www.caf.wvu.edu/~forage/5420.htm).
- Multiflora Rose Control – Bulletin 857. 1996. Ohio State University. Columbus, OH. (www.ag.ohio-state.edu/~ohioline/b857/index.html).
- Multiflora Rose Management in Grass Pastures-Agronomy Facts 46. 1995. Pennsylvania State University. University Park, PA. (www.agronomy.psu.edu/Extension/Facts/agfact46.pdf).
- Vegetative Management Manual. 1990. Illinois Natural Preserves Commission. Springfield, IL. (www.inhs.uiuc.edu/edu/VMGintro.html).

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.

Maintenance: Following initial application. Spot treatment of individual plants or areas needing re-treatment should be done annually to control escapes or newly emergent seedlings.

REFERENCES

- Control of Autumn Olive, Multiflora Rose, and Tartarian Honeysuckle. 1994 WVU-Extension Service and USDA-Natural Resources Conservation Service. Morgantown, WV. (www.caf.wvu.edu/~gotshr/5412.htm)