



CT Brush Management - 314

Conservation Practice Job Sheet

Lifespan – 10 years

Producer:		Town:	
Farm, Tract and Field(s):		Planner:	
Program:		Date:	



Definition

The management or removal of woody (non-herbaceous or succulent) plants, including those that are invasive and noxious.

Purpose

- 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.
- Maintain, modify, or enhance fish and wildlife habitat.
- Improve forage accessibility, quality and quantity for livestock and wildlife.
- Manage fuel loads to achieve desired conditions.

Where Used

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 Connecticut NRCS Standard 338, Prescribed Burning) or removal of woody vegetation to facilitate a land use change (use Connecticut NRCS Standard 460, Land Clearing).

Resource Management System

A Resource Management System is a combination of conservation practices and resource management, for the treatment of all identified resource concerns for soil, water, air, plants and animals, within a conservation management or planning unit that meets or exceeds the quality criteria in the Field Office Technical Guide for resource sustainability. Brush Management is applied as part of Conservation Management Systems for pasturelands, forest settings and other land uses other than active cropland. Brush Management is often planned in combination with Forest Stand Improvement (666), Tree and Shrub Establishment (612), Critical Area Planting (342), Prescribed Grazing (528), Forage Harvest Management (511), Forage and Biomass Planting (512), or Upland Wildlife Habitat Management (645). In situations where pesticide applications could result in a hazard to other resources, Integrated Pest Management (595) can also be used in support of Brush Management to prevent and/or mitigate environmental risks associated with the application pesticides.

Criteria, Considerations, and Specifications

The Criteria, Considerations, and Specifications for this practice shall be in concurrence with CT Field Office Technical Guide and the CT Conservation Practice Standard for this practice.

Certification

The producer should communicate with NRCS prior to and during implementation activities. Documentation by NRCS staff of proper management and customer's records shall be used for certification of this practice.

Design and Specifications

Designed By:

Job Title:

Date:

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
- Manage fuel loads to achieve desired conditions
- Maintain, modify or enhance fish and wildlife habitat
- Improve forage accessibility, quality and quantity for livestock and wildlife

Control Method (Check all that apply):

- Mechanical
- Chemical/Herbicide
- Biological

Map:

- Conservation Plan Map(s) attached for location of area(s) to be treated.

For species specific management recommendations of invasive plants in CT, refer to the Connecticut Invasive Plant Working Group's website. Link to 'Invasive Plants Listed in Control Guide':

<http://cipwg.uconn.edu/invasive-plants-in-control-guide/>

NOTE: Any chemical applications must be done following label directions. If paying for chemical application, or chemical requires a license, it must be applied by a Licensed Pesticide Applicator. A list of applicators can be found at <http://www.kellysolutions.com/CT/>. Further information on the licensing process and currently permitted pesticides in Connecticut can be found at http://www.ct.gov/deep/cwp/view.asp?a=2710&q=324266&depNav_GID=1712&deepNav=|.

Plants to be controlled and the amount to be controlled per acre:

Species	Height	Growth Pattern (shrub, vine, ground cover)	Coverage/Density*	Approximate Acreage of Invasion

*** Density Visual Estimation Examples:**

- High – difficult to walk through
- Medium – obvious, but able to move through the area without difficulty
- Low – takes effort to look for, but present

Mechanical Treatment Methods and Plans	
Types of equipment to be used	
Dates of Treatment	
Operating Instructions	
Techniques and procedures to be followed	
Chemical Treatment Methods and Plans- Follow Label Instructions and Rates	
Planned herbicide(s) scenario	
Source of Chemical Recommendation (NRCS not allowed to make recommendation)	
Type of herbicide that will be used and WinPST rating If mitigation is required, include Integrated Pest Management (595) Mitigation Job Sheet	

Recommended application method (broadcast, spot treatment, foliar or cut and treat stem)	
Acceptable dates of application	
Any special application techniques, timing considerations, for safe and effective applications	
Biological Treatment Methods and Plans	
Kind(s) of biological agent or grazing animal* to be used	
Timing, duration, and intensity of grazing or browsing	
Desired degree of grazing or browsing use for effective control (percent of plants eaten and/or height after grazing)	
Special precautions or requirements when insect or plants are used for <u>control agents</u>	

* If grazing animals are planned, follow standard for 528 Prescribed Grazing.

Additional Criteria for Installation:

Operation and Maintenance - Refer to provided Operation and Maintenance document for further requirements.

- Brush management operations will comply with all local, state, and federal laws and ordinances.*
- Evaluate regrowth or reoccurrence of target species after sufficient time has passed to monitor the situation and gather reliable data to determine success and/or need for additional treatment.*
- Spot treat individual plants or areas as needed (occurrences of regrowth, resprouting, or reoccurrence of brush).*

Note: Any changes to this plan must be approved by the NRCS representative managing the project.

Concurrence of Participant:

Plan Certification:

Practice Certification

Producer:		Town:	
Farm, Tract and Field(s):		Program:	

Check out (As-Built) Notes:

Attachments:

- Map attached with treated area(s) and method of treatment(s) delineated and labeled
- Photos of completed practice

Practice Certification Statement:		
I have inspected the implementation of this practice and certify that it has been implemented according to the practice standard and the specifications in this job sheet.		
Certified by:	Title:	Date

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