



Producer:

Location:

Farm Name:

Project or Contract:

County:

Tract Number:

Practice Lifespan – 15 years



Practice Purpose(s): (check all that apply)

Maintain or improve desirable plant diversity, productivity, and health by establishing woody plants

Create/improve habitat for desired wildlife species compatible with ecological characteristics of the site

Control erosion

Reduce excess nutrients and other pollutants in runoff and groundwater

Sequester and store carbon

Restore or maintain native plant communities

Develop renewable energy systems

Other: (Specify)

Description of work:

NRCS Review Only

Designed By:

Date

Checked By:

Date

Approved By:

Date

612 – Tree-Shrub Establishment Implementation Requirements

GENERAL CRITERIA:

Follow the Tree and Shrub Establishment Specification Guide Sheet 612 to assure successful tree and shrub establishment.

Select one or more species that are suited to soil and site conditions, and appropriate for the planned purpose(s).

Determine desired stocking levels for trees and/or shrubs based on ecological characteristics of the site and species, and landowner objectives. Plant, seed, and/or naturally regenerate at densities/rates that reflect anticipated seedling mortality, to achieve desired stocking levels in the established stand.

Use NRCS Conservation Practice Standard (CPS) Tree/Shrub Site Preparation (Code 490) to prepare sites for planting, seeding, or natural regeneration, if conditions are not suitable for establishing the desired plants.

Follow all General and Additional Criteria found in the 612 Conservation Practice Standard (CPS).

PLANS and SPECIFICATIONS:

Objective(s) for establishment:

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Type of Planting:

	Planting in Open Areas		Natural Regeneration		Seeding
	Interplanting		Clearcut Regeneration		Interseeding
	Underplanting				

Sketches, drawings, and detail drawings are attached.

N/A

A map(s) showing the location of plantings and/or natural regeneration areas is attached.

A soils map(s), and description of soils and Ecological Sites (if available) is attached.

Woody Plant Materials Information

Refer to 612 Specification for more information on care, handling, planting techniques, etc. See [VT NRCS Forestry Technical Note 2 - Vermont Trees and Shrubs for Conservation for plant characteristics](#).

Field	Ac	Species/cultivars:	Kind of Stock ¹ :	Total No.	Plants Per acre:	Planting dates:	Avg. Spacing ² :	
							Ft X	Ft
							Ft X	Ft
							Ft X	Ft
							Ft X	Ft
							Ft X	Ft

612 – Tree-Shrub Establishment Implementation Requirements

Woody Plant Materials Information (continued)							
Field	Ac	Species/cultivars:	Kind of Stock ¹ :	Total No.	Plants Per acre:	Planting dates:	Avg. Spacing ² :
							Ft X Ft
							Ft X Ft
							Ft X Ft
							Ft X Ft
							Ft X Ft
							Ft X Ft
							Ft X Ft
							Ft X Ft

¹ Bareroot, Container, Cutting; include size, caliper, height, and age as applicable.

² Spacing between plants to achieve plants/acre. $\text{Plants/acre} = 43,560 \text{ (ft}^2\text{/ac)} \div [\text{Between-Row Spacing (ft)} \times \text{In-Row Spacing (ft)}]$

Temporary Storage and Handling Instructions (Refer to VT Standard and Specification 612)			
<p><i>Planting stock that is dormant may be stored temporarily in a cooler or cool, moist, darkened area up to 3 days. For more than 3 days or for stock that is expected to begin growth before planting, dig a V-shaped trench (heeling-in-bed) sufficiently deep and bury seedlings so that all roots are covered by soil. Pack the soil firmly and water thoroughly. During planting, keep plant material out of direct sun or covered to avoid drying. Be sure to keep roots moist. Additional requirements:</i></p>			
Site Preparation See VT Standard and Specification and Implementation Requirements 490 – Forest Site Preparation			
<p><i>Remove weeds and grass prior to planting and keep out for at least two years.</i> Additional requirements or special site preparation instructions:</p>			
Planting Method (Refer to VT Standard and Specification 612)			
Hand	Machine	Amount	
<p><i>For container and bareroot stock, plant stock to a depth even with the root collar in holes deep and wide enough to fully extend the roots. Pack the soil firmly around each plant. Cuttings are inserted in moist soil with at least 2 to 3 buds showing above ground. Plants will be established prior to May 30 unless containerized seedlings are used or plants will be watered.</i> Additional requirements or special planting instructions/arrangements:</p>			
Cultural Practices (Refer to VT Standard and Specification 612 for specific requirements)			
<p><i>Pest Management is required. Weed control is necessary, either by mechanical cutting, herbiciding or mulching for at least 2 years after planting.</i></p>			
Vegetation Mat-Size	#	Tree Shelter-Size	#
Mulch- coverage	#	Other:	
Additional requirements:			

612 – Tree-Shrub Establishment Implementation Requirements

OPERATION AND MAINTENANCE:

- Burn or mow the area periodically, if needed to maintain the health of the plant community. Do not conduct maintenance practices and activities during the primary reproductive period of wildlife. Exceptions can be considered to maintain the health of the vegetative community if such exceptions do not conflict with agency requirements.
- Control access by vehicles and/or equipment during or after tree/shrub establishment to protect new plants and minimize erosion, compaction and other site impacts.
- Inspect the site at an appropriate time following planting, seeding, and/or natural regeneration to determine whether the survival rate for tree and shrubs meets practice and client objectives. Replant or provide supplemental planting when survival is not adequate.
- Inspect the trees and shrubs periodically, and protect them from adverse impacts of insects, diseases, competing vegetation, fire, livestock, wildlife, non-functioning tree shelters and/or weed barriers, etc.
- If needed, control competing vegetation until the desired trees/shrubs are established. Control plant species on the Federal or State invasive species and noxious weed lists.
- If needed, apply nutrients to maintain vigor of desirable trees/shrubs.

Specific Additional Operation and Maintenance Requirements For Your Practice:

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If you have questions regarding this Tree/shrub Establishment practice, contact:

Name:		Tel:		Email:	
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