

## NH Tree and Shrub Planting 612– Job Sheet

### Size and Number of Trees and Shrubs to Plant

All trees and shrubs are 1 gallon container stock, or bare root stock (for live stakes see specific guidance sheet). NRCS planners will determine which plant materials are appropriate for the site. Trees are 3-5 feet in height and shrubs are 24-36 inches in height. At least 100 Trees and/or Shrubs per acre will be planted on a 20' x 20' on center spacing. Typically container plants are \$7-\$10 each, and installation is about \$10 per plant which includes loam-compost mix and wood chips. Bare root are typically \$1 each.

### Temporary Storage Instructions

Containerized plant stock should be watered and kept in the shade, and planted as soon as possible after delivery. Don't soak containers prior to planting; it causes the root-ball to fall apart when removed from the container and causes damage to the fine roots.

### Site Preparation

Use Companion practice-Forest Site Preparation 490 to close mow hay fields and spray re-growth with herbicide to reduce short term competition before planting. Wait 10 days or (manufacturers recommendations) after herbicide application to plant container stock. Do not plow. For severely eroding river banks, which may be loosing up to 10 feet of cropland per year or more, leave 20 feet between waters edge and container plantings, to allow for establishment.

### Planting Methods and Timing

Dig holes 50% larger than 1 -gallon container stock and backfill with loam-compost mix. Mulch trees with wood chips, to reduce weed pressure and avoid placing mulch directly against the stem of the plant. Use deer protection tubes when needed. Don't plant container stock into standing water, wait until ground water is at least 12 inches below the surface. Plant early in the spring after the ground is thawed until late-may, or in the Fall mid-September-Late October. Fall can be the best time to plant containers and spring is the only time to plant bare root stock.

### Operation and Maintenance

The buffer must be inspected periodically and protected from damage so proper function is maintained. Replace dead or dying tree/shrub stock and continue control of competing vegetation to allow proper establishment. Typically contractors will provide a guarantee for free replacements over 50% mortality after 1 year, get this in writing.

### Tree and Shrub Planting (612) Job sheet

	Total Acres Planned		Buffer Width			
Scientific Name	Containers Needed	Quantity	Silver Maple Flooded	Seasonal Standing Water	Sandy Soils Xeric	Moderately Drained Rich Sites
	Common Name					
<b>Trees</b>			x = suitable for habitat			
<i>Acer saccharinum</i>	silver maple		x			x
<i>Acer saccharum</i>	sugar maple					x
<i>Acer rubrum</i>	red maple			x		x
<i>Quercus alba</i>	white oak		x			x
<i>Quercus rubra</i>	northern red oak				x	x
<i>Pinus strobus</i>	white pine				x	x
<i>Pinus resinosa</i>	red pine				x	
<i>Pinus rigida</i>	pitch pine				x	
<i>Populus tremuloides</i>	Quaking aspen		x		X	x
<b>Shrubs</b>	<b>Total Trees</b>					
<i>Viburnum trilobum</i>	high bush cranberry		x	x		x
<i>Amelanchier sp.</i>	serviceberry		x			x
<i>Alnus rugosa</i>	alder			x		x
<i>Corylus americana</i>	hazelnut		x		x	x
<i>Rhus typhina</i>	staghorn sumac				x	
<i>Sambucus canadensis</i>	common elderberry		x	x		
<i>Viburnum dentatum</i>	arrowwood viburnum			x		
<i>Aronia melanocarpa</i>	black chokeberry		x			x
<i>Cornus racemosa</i>	grey dogwood		x	x		x
<i>Cornus sericea</i>	red osier dogwood		x	x		x
<i>Hamamelis virginiana</i>	witch hazel		x			x
<i>Illex verticillata</i>	winterberry holly		x	x		x
<i>Salix sp.</i>	willow		x	x		x
<i>Vaccinium corymbosum</i>	high bush blueberry		x	x	x	x
<i>Viburnum Casinoidies</i>	northern wild raisin		x	x		x
<i>Viburnum lentago</i>	nannyberry		x			x
<i>Acer negundo</i>	Box elder		x	x		x
	<b>Total Shrubs</b>					

