

## Restoration and Management of Rare or Declining Habitats

North Carolina Practice Job Sheet 643

Prepared for: \_\_\_\_\_

Prepared by: \_\_\_\_\_

Farm: \_\_\_\_\_ Tract: \_\_\_\_\_ Date: \_\_\_\_\_



Undisturbed areas will be conserved annually to sustain disturbance-intolerant species.

### **OPERATION AND MAINTENANCE**

Haying, grazing and other management activities will be planned to maintain the purpose of the practice.

Avoid vegetative management and maintenance activities during the nesting season except when necessary to achieve the desired habitat condition.

### **DEFINITION**

Restoring and managing rare and declining habitats and their associated wildlife species to conserve biodiversity.

### **PURPOSE**

Provide habitat for rare and declining species.

### **CRITERIA**

Design the methods used to protect the soil resource from erosion and compaction.

Invasive species and noxious weeds will be controlled.

Only high quality and ecologically adapted plant materials will be used.

Do not use fertilizers, pesticides and other chemicals that will compromise the intended purpose of this practice.

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## SPECIFICATIONS

Designed By:	Approved By:
	Signature:
Date:	Date:

Method (check all that apply)		
<input type="checkbox"/> Planting seedlings	<input type="checkbox"/> Natural regeneration	<input type="checkbox"/> Seeding
<input type="checkbox"/> Prescribed burning	<input type="checkbox"/> Mechanical weed control	<input type="checkbox"/> Chemical weed control
<input type="checkbox"/> Rotating treatments	<input type="checkbox"/> Other (describe in notes)	

Existing Plant Community:	
Restored Plant Community:	

<b>Location and Layout Specifications:</b> See GIS Map	
<b>Width (feet, include widths of maintenance areas next to outer rows):</b>	
<b>Length (feet):</b>	<b>Area (acres):</b>
<b>Total area of site managed, enhanced or restored (acres):</b>	
<b>Additional Requirements:</b>	

Plant Materials Information							
Field	Ac	Species/cultivars:	Plants/acre or seeding rate <sup>3</sup> :	Total No.	Kind of stock <sup>1</sup> :	Planting dates:	Avg. Spacing <sup>2</sup> :
							Ft x Ft
							Ft x Ft
							Ft x Ft
							Ft x Ft
							Ft x Ft
							Ft x Ft
							Ft x Ft

<sup>1</sup>BAroot, Container, Cutting, TUbelings, Seed; include size, caliper, height, and age as applicable.

<sup>2</sup>Spacing between plants to achieve plants/acre.

<sup>3</sup>Pounds/Acre of Pure Live Seed (PLS) where available.

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

<p><b>Temporary Storage Instructions</b></p> <p>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 the 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.</p> <p><b>Additional requirements:</b></p>
<p><b>Site Preparation</b></p> <p>Remove debris and control competing vegetation. The following method of site preparation is planned:</p> <p><input type="checkbox"/> Mechanical means such as plowing, disking, or rototilling. <input type="checkbox"/> Prescribed burning.</p> <p><input type="checkbox"/> Hand scalping the area where vegetation is to be planted. <input type="checkbox"/> Other: _____</p> <p>Apply recommended amendments as needed, including the following:</p> <p>_____ Tons/Ac. Lime _____ lbs/Ac. N-P<sup>2</sup>-O<sup>5</sup>-K<sup>2</sup>O and prepare a firm seeding bed.</p> <p><b>Additional requirements:</b></p>
<p><b>Planting Method:</b> <input type="checkbox"/> Hand <input type="checkbox"/> Machine (check and indicate amount)</p> <p>For container and bareroot sock, 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 <b>May 30</b> unless containerized seedlings are used or plants will be watered. Drill small grass and legume seed ¼ inch deep uniformly over area.</p> <p><b>Additional requirements or special planting instructions:</b></p>
<p><b>Cultural Practices</b></p> <p>Pest Management is required. Weed control, especially of non-native, invasive species, is necessary, either by prescribed burning, mechanical cutting, herbiciding or mulching for at least 2 years after planting or seeding.</p> <p>Vegetation Mat-Size _____ # _____ Tree Shelter-Size _____ # _____</p> <p>Mulch-coverage _____ # _____ Other _____</p> <p><b>Additional requirements or special management instructions:</b></p>
<p><b>Operation and Maintenance</b></p> <p>The treatment area must be inspected periodically and protected from damage so proper function is maintained. Replace dead or dying vegetation to provide to allow proper establishment for at least 2 years. Any use of fertilizers, pesticides and other chemicals will not compromise the intended purpose of this practice.</p> <p><b>Additional requirements:</b></p>

**PRACTICE COMPLETION**

I have made an on-site inspection of the site (or I am accepting owner/contractor documentation), and have determined that the job as installed does conform to the drawings and practices specifications.

Completion Certification by:

PLANNER \_\_\_\_\_ DATE \_\_\_\_\_

I HAVE REVIEWED THIS PLAN AND AGREE TO INSTALL AS DESIGNED.

COOPERATOR \_\_\_\_\_ DATE \_\_\_\_\_