

**August 15, 2025**

**26CRDPBCLULL-0004 Questions & Answers**

**Question:** Will we be responsible for supplying the seedlings as well or will the DNR be providing them?

**Answer:** The Iowa DNR will supply the seedlings. The selected contractor will be responsible for picking them up from the State Forest Nursery, located at 2404 S. Duff Ave., Ames, IA 50010.

**Question:** Is there a map detailing the location and acreage of stands 74 & 75?

**Answer:** Yes, please see page 3.

**Question:** Is there any requirement to apply herbicide or install tree tubes as part of the tree planting?

**Answer:** For new tree plantings, if the current cover is alfalfa, glyphosate and 2,4-D should be applied prior to planting. For all cover types, apply pre-emergent herbicides—Princep and Pendulum at 3 quarts per acre each—over the rows after planting. Tree tubes will not be required for these plantings. For underplantings, no herbicide application or tree tubes will be necessary.

**Question:** Is there a list of species and seedling sizes?

**Answer:** Yes, please see page 4.

# FOREST STEWARDSHIP PROJECT PLAN

Prepared by Maison Hubrig, District Forester

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563-608-0086

**Date: 7/8/2025**

## **Landowner:**

State of Iowa DNR

Park Manager – Austin Lette

District Forester – Maison

Volga River State Recreation

10225 Ivy Rd.

Hubrig

Area

Fayette, IA 52147

**Telephone:** 563-608-0086

**Location:** Sec. 2, 3, 13, 14, 22, 23 Westfield Twsp. Fayette County, Iowa.

**Total Acres:** ~ 21 Acres

## **Landowner Objectives:**

Plant bare root hardwood seedlings to establish advance regeneration prior to harvest.

## **Property Description**

The 120 acres addressed in this plan are outlined in yellow on the maps provided. This area has rolling topography with some steep ridges.

### ➤ **Soils**

The primary soils on this property are Fayette silt loams and Winneshiek loam. These are moderately deep to deep, and well drained soils that are highly productive and suited for growing upland hardwoods. The native vegetation on these sites was oak / hickory woodland.

### ➤ **History**

These areas have been in State ownership for several decades, and is open to public hunting, horse riding and other forms of recreation. There has been little forest management in the stands addressed in this plan.

Volga River State Recreation Area - Spring 2026 Tree Planting



**Tree Planting – 21 Acres**

**Stands: 74 (6 ac.) & 85 (15 ac.)**

These stands are being managed on an even aged system. The current overstory is sawtimber sized bur oak, black oak, white oak, maple, basswood, and other associated hardwoods. This stand is scheduled to be regenerated using a clear cut harvest in 2026-2027. There is currently no desirable regeneration established. Lack of fire and other disturbance has created conditions not suitable for oak regeneration to occur.

**1. Tree Planting**

With no regeneration present, seedlings will need to be planted in the understory to establish a cohort of desirable species. Within 2-3 years of tree planting the overstory will be harvested, releasing the seedlings that were planted. Seedlings need to be planted within one week of their arrival, and before May 15<sup>th</sup>. All seedlings need to be planted at the same depth they were grown in the nursery.

High quality, large stock (3-0) bare root seedlings should be planted, by hand in the understory of these stands. Seedlings should be planted at a spacing of 9-10 feet, resulting in 500 trees per acre. The following is a list of the seedlings necessary for each stand:

Stand 74 – 6 Acres	
Species	Quantity
White oak	1,000
Bur oak	750
Black oak	500
Red oak	500
Shagbark hickory	250
<b>Total</b>	<b>3,000</b>

Stand 85 – 15 Acres	
Species	Quantity
White oak	2,000
Red oak	2,000
Bur oak	1,500
Black oak	1,000
Black walnut	500
Shagbark hickory	500
<b>Total</b>	<b>7,500</b>