

**Project Subject/Title:** Mazomanie Bottoms Group Selection Harvest

**County:** Dane

**TRS:** T9N R6E Sec. 20, 29

**Contact Person:** Brad Hutnik, WDNR Lower Wisconsin Riverway Forester

**Type of Prescription:** Uneven-Aged (Group Selection)

**Year Initiated:** 2004

**Abstract/Prescription:** This 85 acre sale is located along Conservation Dr., adjacent to the Wisconsin River in Dane County. This property is part of the Lower Wisconsin State Riverway – Mazomanie Unit. In general, the tract is approximately 100 years old and fully stocked with a large component of silver maple, red oak, swamp white oak, river birch, green ash, and other miscellaneous hardwood species. The goal for this stand is to maintain a significant component of swamp white oak while maintaining bottomland hardwoods where ecologically appropriate. Since this site may also be suitable for red shouldered hawk and Cerulean warbler habitat, maintaining canopy coverage was an important factor in determining what silvicultural system to employ. This sale has been established as a group selection harvest (area control) with intermediate thinning between gaps. The goal is 15 years between entries with a 120 year rotation. 9.5 acres are designated as gaps/patches. Garmin GPSMap 76S was used to determine gap size in the field. The smallest gap is .26 acres while the largest is 1.9 acres. Patch selection was based on the presence of advanced regeneration and quality/species composition of the overstory. Gaps will be cleaned in the Spring (2005) to reduce exotic shrub stocking and remove suppressed non-commercial poles and large saplings.

**Results:** Sale is sold and will be harvested Fall/Winter 2004/2005

## **Discussion/Recommendations:**

Site Index: 65

Pre-Sale Stocking: 111 sq. ft. BA

Post Sale Stocking (as marked): 71 sq. ft. BA

Habitat Type: ATiDe(Pr) and Hydro-Mesic