



Rose Lake State Wildlife Area Habitat Management

Contact: Rose Lake DNR Operation Service Center
8562 East Stoll Road
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4,005 acres in Clinton and
Shiawassee Counties
[Link to area map](#)

This area is being managed for the features species listed below and may include the following habitat management practices:

Cottontail Rabbit:

- Maintaining grasslands: Burning, disking, mowing, applying herbicides, and haying.
- Planting shrubs and encouraging the growth of brush.
- Constructing brush piles.
- Providing steady supply of young forests through short rotation of timber harvests.

Eastern Massasauga Rattlesnake:

- Removing woody and shrubby vegetation from occupied wetlands: cutting saplings & shrubs, applying herbicides, and prescribed burning
- Maintaining grasslands and upland openings adjacent to occupied sites: mowing, prescribed burning, applying herbicides.
- Controlling glossy buckthorn: cutting, applying herbicides, and prescribed burning.

Eastern Wild Turkey:

- Providing roosting sites: retaining mature trees when harvesting timber.
- Establishing brush through timber harvesting practices.
- Planting food plots.
- Maintaining grasslands and forest openings: planting, applying herbicides, mowing, disking, fertilizing, haying, and prescribed burning.
- Maintaining hard mast (beech, oak) and soft mast (cherry, crabapples): allowing forests to mature, retaining mast-producing trees when harvesting timber.

Ring-necked Pheasant:

- Maintaining a diversity of large, permanent grassland vegetation: prescribed burning, mowing, applying herbicides, planting, disking, haying, bulldozing, and blade raking.
- Planting food plots: legumes, millet, sorghum, and sunflowers.
- Establishing escape and winter cover: harvesting timber and saplings to promote brush and planting switchgrass.
- Providing management incentives and technical assistance for nearby private lands.

Ruffed Grouse:

- Preserving brush, slash, and drumming logs during timber harvests.
- Maintaining forested stands, especially aspen, with diverse age classes by clear cutting adjacent stands on a 10 to 20 year rotation.
- Seeding log landings and access trails with clover.
- Maintaining a young, deciduous component in lowland and riparian stands.

White-tailed Deer:

- Maintaining and facilitating hunting opportunities on state land by planting: annual food plots, fruit-bearing trees, legumes, clover, rye, and pea/Sudan grass mixtures.

- Maintaining trees that produce hard mast (beech, oak): maintaining an oak component, promoting the regeneration of oak, and retaining a representation of mature acorn producing trees during harvests.
- Maintaining abundant browse by managing for young forests (particularly aspen and jack pine): performing clear cuts and rotational harvests of timber.
- Maintaining and expanding thermal cover in high snow areas by selecting for conifers, particularly the white cedar, and hemlock component.
- Maintaining grasslands for food and cover: planting, fertilizing, disking, mowing, haying, applying herbicides, and prescribed burning.

Wood Duck:

- Maintaining forests in floodplains and lowlands and within 150 feet of wetland edge: single tree and group-selection timber harvests.
- Maintaining trees, shrubs, and emergent vegetation in wetlands.
- Maintaining the oak component near wetlands, lakes and rivers: promoting the regeneration of oak, and retaining a representation of mature acorn producing trees during harvests.
- Reserving large, dead, dying, and cavity bearing trees during timber harvests within a mile of wetlands, lakes, and rivers.
- Partnering with volunteers to build, install and maintain wood duck nest boxes.
- Controlling glossy buckthorn and phragmites: cutting, applying herbicides, and prescribed burning.
- Maintaining flooded marshes and swamps by maintaining water control structures and dikes: mowing, applying herbicides, removing brush, repairing chipped concrete and rodent burrows, replacing guard rails over dams, routine inspections of all structures, and removing debris.