

# Bur Oak

*Quercus macrocarpa*

Bur oak is an excellent and long-lived wildlife tree. It has broad-tipped leaves, fringed acorns, and distinct crooked branches. Deer, black bear, wild turkey, wood ducks, blue jay, and moose all eat bur oak acorns or leaves. Bur oaks are also good nesting habitats for owls, hawks, and other birds. The wood is durable and strong and used for furniture, flooring, structural materials, and railroad ties.

**Height:** Normally between 25' to 80', depending on the suitability of the environment.

For the first 2-3 years, seedlings spend their energy growing deep roots and don't grow above the ground. After becoming established, seedlings will grow about 8"-12" per year until mature.

## Planting environment:

*Soil:* Sandy to clay loam soils, dry uplands, or moist lowlands

*Soil moisture:* Dry, well-drained, or moist. Tolerates droughts and occasional floods.

*Sunlight:* Prefers full sun (> 6 hours of sun per day).

Plant 20'-25' apart for wildlife habitat.

## Maintenance:

Monitor for signs of oak wilt, a deadly and infectious oak disease. Mature trees are fire-resistant and benefit from controlled burns.

## Top diseases/pests:

1. Oak wilt
2. Bur oak blight

