# **A TRADITIONAL YARD** and its problems





## Steps to creating a healthy yard

- Are there two or more layers (mulch, herbaceous plants, shrubs, Ask yourself: How diverse is my yard?

  - understory trees, canopy trees)?
- Do I have a mix of young, old, and middle-aged trees?
- Are my trees native to my area?
- Learn about native trees, shrubs, and perennials
- Take a community education class about native plants
- Visit an arboretum Draw up a long-term plan to transform your yard slowly over time and

- Create groupings of plants, shrubs, and trees along edges, corners, add diversity
- Work with neighbors to create large plant groupings across
- Stagger plantings over many years to achieve age diversity Plant several different native trees, shrubs, and herbaceous plants
- Incorporate less-common native species Plant species that mimic nearby natural ecosystems

□ Plant the right tree/shrub in the right place, considering the plant's Create a healthy growing environment height and spacing needs, along with soils and sunlight requirements

- Check your soil for type, compaction, drainage, pH Properly plant your trees and shrubs (not too deep)
- Maintain your trees and shrubs each season
- Properly mulch around trees by keeping mulch off trunk Avoid trees and shrubs that have insect and disease problems such as
- ash, which are subject to the deadly emerald ash borer

# Control invasive plants and pests such as buckthorn, garlic mustard, Dutch

## elm disease, and oak wilt.

Welcome your neighbors and show off your yard!

#### Additional Information

Visit the Minnesota Department of Natural Resources Tree Planting and Care webpage at mndnr.gov/treecare/residential.html for information on:

- Prepare and plan for tree planting
- Planting trees and seedlings
- Caring for and pruning trees
- Storm damage correction and prevention to trees
- Tree value and use
- Tree health
- Tree diseases and pests

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# **A HEALTHY YARD** and its benefits

fenced fruit and

vegetable garden

### Multiple vegetative layers (canopy, understory, shrubs, herbaceous plants, and leaf litter)

- Save money. Keeping leaves means no costly trips to the compost site, free fertilizer for you, and less water use.
- Save money. Layers provide cooling shade and protection to buildings and roads from wind and snow.
- Clean water. Layers intercept rainfall and prevent rain and pollutants from entering storm sewers and water treatment plants.

## Young, old, and "middle-aged" trees

- Are more resilient. Trees in different stages of life bloom, seed, and die at different times, not all at once.
- Create multiple vegetative layers that are habitat for a diversity of beneficial wildlife.
- Provide a more visually interesting landscape.

## A variety of native trees, shrubs, and herbaceous plants

- Saves money. Native plants need less water and maintenance because they are adapted to local conditions and rainfall.
- Is resilient. A variety of native plants protects against large-scale devastation from tree pests such as emerald ash borer.
- Provides habitat for beneficial wildlife such as songbirds, butterflies, and mosquito-eating bats, frogs, and toads.

mulch around all plants and trees

> gutter watering system sloped away from house

andscaping

with natural

elements

North

compost area

deck 🕥

with

a view

5



window-heigh

bird feeders

rain gardens, which "catch" draining water, require digging out compacted soils and amending with compost





T. American highbush cranberry

V. Northern white cedar

- U. Ninebark
- F. Jacob's ladder G. Bloodroot
- H. Wild ginger
- I. Cardinal flower J. Swamp milkweed

E. Wild geranium

#### Low Shrubs

J-#CO

- K. Wild red raspberry
- L. Sweet lowbush blueberry M. Snowberry

#### Canopy Trees

Understory Trees

W. Blue beech

- X. Red maple Y. White oak
- N. Low serviceberry

Z. White spruce

O. Black chokeberry

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