

## 2024 LEBANON COUNTY ENVIROTHON

ELEMENTARY & MIDDLE SCHOOL  
**FORESTRY RESOURCES**  
 Community Forests/Tree Planting

**TREE SPECIES LIST**

American Holly	Honey Locust	Japanese Maple	Sweetgum
Crabapple	Eastern White Pine	Norway Spruce	Sycamore
Chestnut Oak	Flowering Dogwood	Redbud	White Oak
Colorado Blue Spruce	Ginkgo	Red Maple	White Mulberry

**TESTING RESOURCES**

1. Common Trees of PA (PDF- **students are responsible for species listed in TREE SPECIES LIST (above) only**)
  2. American holly
  3. Crabapple
  4. Ginkgo
  5. Japanese Maple
  6. Sweetgum
  7. White Mulberry
- See PDF - **2024 Individual Tree Resources**  
 (Testing resources #2-7 not included in Common Trees of PA)
8. Summer Key for Pennsylvania Trees (PDF)
  9. Leaf Characteristics (PDF)
  10. Tree Identification Basics (PDF)
  11. Planting Trees in Your Community (PDF)
  12. Tree Facts (What Can Trees Do for You...)  
<https://www.arboday.org/trees/treefacts/>  
 Benefits of Trees (The Value of Trees to a Community)  
<https://www.arboday.org/trees/benefits.cfm>
  13. Ten Easy Ways to Kill A Tree (PDF)
  14. Top Ten Tree Killers: Tree Mortality and the Community Forestry Program  
<https://cals.arizona.edu/cochise/mg/top-ten-tree-killers>
  15. How to Measure a Tree with a Biltmore Stick  
<https://extension.usu.edu/forestry/rural-forests/forest-management/measuring-stick>

**FOCUS:**

- Identify & learn about the common trees on the tree species list.
- Learn vocabulary in Leaf Characteristics and Tree Identification Basics resources.
- Be able to identify trees using the tree key.
- Be able to measure the diameter of a tree using a Biltmore stick.
- Know how to select the proper tree for the planting site.
- Understand how to pick out a tree for planting, plant it, and how to care for it as it grows.
- Understand what a community forest is and what benefits it provides.

**Sample Questions:**

1. Identify the tree and answer the question. **common honeylocust**

An ornamental variety of this tree has been developed for nursery use. Why?

- A. The leaves turn red in fall.                      C. It is resistant to rot.  
B. It does not produce seed pods.                D. **It has no thorns.**

2. Which of the following is a good practice for planting a tree?

- A) Let the roots dry by exposing them to the wind and sun.  
B) The planting hole should be the size of the tree ball.  
**C) Water the loose soil to settle it.**  
D) Stake the tree tightly.

All resources highlighted in yellow are available as attachments listed under the Forestry section at <https://www.lccd.org/ethonobjectives>.