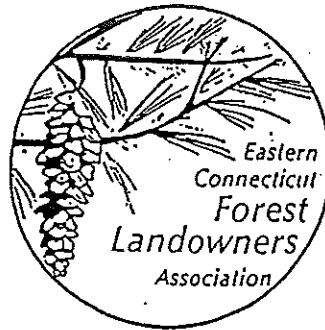




P.O. Box 404  
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## INSTRUCTIONS FOR USING TREE SCALE STICK

### MEASURING TREE DIAMETER

1. Use the scale called DIAMETER OF TREE (INCHES).
2. Hold the stick horizontally against the tree at 4 1/2 feet above the ground and 25" (stick length) from the eye.
3. Adjust the stick so that the left end is even in your line of sight to the left edge of the tree trunk.
4. Turn your eye, not your head, and read where the right edge of the tree trunk crosses this scale in your line of sight. This is the diameter of the tree in inches. Since few trees are exactly round it's best to take two readings and use the average.

### MEASURING MERCHANTABLE HEIGHT

1. Pick the highest point on the tree usable as a sawlog. This is the point where the stem either tapers below 8" diameter, breaks up into several branches or becomes too defective to be sawn into boards.
2. Step back 66 feet (1 chain) from the tree, and follow the directions on the scale reading NUMBER OF 16 FOOT LOGS.

### MEASURING BOARD FOOT VOLUME

1. Read across the appropriate row, based on the number of 16 foot logs, and down the appropriate column based on the diameter. This number will be the maximum potential board foot volume in the tree before deduction for defect. For example, a 2 log, 20 inch tree will read 295 board feet.

## INSTRUCTIONS FOR USING THE LOG SCALE STICK

1. At the small end of the log, measure the diameter inside the bark using the scale called DIAMETER OF LOG AT SMALL END. Take 2 or 3 measurements and average to account for lack of roundness.
2. Read board foot volume as described above, based on diameter and log length. Again, this will give you the maximum potential volume in the log before deduction for defect.

International 1/4" Tree / Log Scale Sticks :

➔ Ben Meadows 1-800-241-6401

➔ Forestry Suppliers 1-800-647-5368