

TREE VALUATION *

REPLACEMENT VALUE

- Trees with trunk diameter up to 12” in diameter are evaluated by replacement.
- Trees larger in size are evaluated by the basic formula method.

REPLACEMENT METHOD

- (Basic Replacement Cost + profit) x (Species Class) x (Condition) x (Location) = Appraisal Value of Tree

Examples of appraisal calculations for small trees :

Diameter of Trunk (in)	Basic Replacement Cost (\$)	Species Class	Condition Class	Location Class	Appraisal Value (\$)
4	480	x 85%	x 90%	x 85%	= 312
10	2055	x 90%	x 80%	x 95%	= 1406

BASIC FORMULA METHOD

- Value of Tree = Size (cross-section trunk area in inches) $([(3.14) r^2])$ x \$22 (value Per Square Inch x Species x Condition x Location)
- For Example an **18” Live Oak** in good condition and located on a residential lot :
254 square inches (3.14×9^2) x \$22 x 95% x 75% x 80 % = **\$3,185**

* The Council of Tree and Landscape Appraisers