

TRUNK FORMULA METHOD WORKSHEET

Case# 9 Property 100 W Atlantic BLVD Date 04-09-2026
Appraiser J. Brian Euell RLA6666897

Field Observations

1. Species Quercus virginia
2. Condition 65 %
3. Trunk Circumference _____ in. Diameter 7 in
4. Location % = [Site 90 % + Contribution 90 % + Placement 90 %]
÷ 3 = 90 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 90 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 500
(see Regional Information to use Cost selected)
8. Installation Cost \$ 750
9. Installed Tree Cost (#7+#8) \$ 1250
10. Unit Tree Cost \$ 96.15 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 38 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = _____ in.
ATA 38 in² (#11) - TA_r 13 in² (#6) = 25 in²
13. Basic Tree Cost = TA_{INCR} (#12) 25 in² x Unit Tree Cost (#10)
\$ 96.15 per in² + Installed Tree Cost (#9) \$ 1250 = \$ 3653.75
14. Appraised Value = Basic Tree Cost (#13) \$ 3653.75 x Species rating (#5)
90 % x Condition (#2) 65 % x Location (#4) 90 % =
\$ 1923
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 1920