

Items 5 through 10 are determined by the Regional Plant Appraisal Committee. The Wholesale Replacement Tree Cost, the Retail Replacement Tree Cost, or the Installed Tree Cost (#9) divided by the Replacement Tree Size (#6) can be used for the Unit Tree Cost (#10), or it can be set by the Regional Plant Appraisal Committee.

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11/16/2022

Trunk Formula Method Work Sheet

Tree # 51

Case # 18-12000049 Property 933 SW 12th Avenue, Pompano Beach, FL 33069

Date 4/22/2019

Appraiser Hugh Johnson LA 0000855

Field Observations

1. Species Quercus virginiana
2. Condition 60%
3. Trunk Circumference ___ in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 70%

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

- | | |
|---|---|
| 5. Species rating | <u>100%</u> |
| 6. Replacement Tree Size (diameter) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$475</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$475 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1188</u> |
| 10. Unit Tree Cost | <u>\$37 per in²/cm²</u> |
| (see Regional Information to use Cost selected) | |

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:
(TA_A or ATA_A; use Tables 4.4-4.7)
Or c^2 (#3) ___ x 0.08
Or d^2 (#3) 64 x 0.785
] = 51 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 51 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 38 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 38 in²/cm² x Unit Tree Cost (#10) \$37
per in²/cm² + Installed Tree Cost (#9) \$1188 = \$2594
14. Appraised Value = Basic Tree Cost (#13) \$2594 x Species Rating (#5) 100% x Condition (#2) 60% x
Location (#4) 70% = \$1089.48
15. If the Appraised Value is \$5,000 or more, round it to the nearest \$100;
if it is less, round to the nearest \$10.
16. Appraised Value = (#14) \$1090

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DRC

PZ22-12000033

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