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2/2/2022































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2/2/2022





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.





















## Trunk Formula Method Work Sheet

Tree # 92

Case # 21-00000000 Property 1955 N. Federal Hwy., Pompano Beach, FL 33062

Date 10/6/2021

Appraiser Hugh Johnson LA 0000855

### Field Observations

1. Species Quercus virginiana
2. Condition 75%
3. Trunk Circumference    in./cm. Diameter 12 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

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

5. Species rating 100%
6. Replacement Tree Size (diameter) 4in./cm  
(Trunk Area) 13 in<sup>2</sup>/cm<sup>2</sup> TA<sub>R</sub>
7. Replacement Tree Cost \$600  
(see Regional Information to use Cost selected)
8. Installation Cost \$600 x 2.5
9. Installed Tree Cost (#7 + #8) \$1500
10. Unit Tree Cost \$47 per in<sup>2</sup>/cm<sup>2</sup>  
(see Regional Information to use Cost selected)

### Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:  
(TA<sub>A</sub> or ATA<sub>A</sub>; use Tables 4.4-4.7)  
Or  $c^2$  (#3)    x 0.08  
Or  $d^2$  (#3) 144 x 0.785  
] = 114 in<sup>2</sup>/cm<sup>2</sup>
12. Appraised Tree Trunk Increase (TA<sub>INCR</sub>) =  
TA<sub>A</sub> or ATA<sub>A</sub> 114 in<sup>2</sup>/cm<sup>2</sup> (#11) - TA<sub>R</sub> 13 in<sup>2</sup>/cm<sup>2</sup> (#6) = 101 in<sup>2</sup>/cm<sup>2</sup>
13. Basic Tree Cost = TA<sub>INCR</sub> (#12) 101 in<sup>2</sup>/cm<sup>2</sup> x Unit Tree Cost (#10) \$47  
per in<sup>2</sup>/cm<sup>2</sup> + Installed Tree Cost (#9) \$1500 = \$6247
14. Appraised Value = Basic Tree Cost (#13) \$6247 x Species Rating (#5) 100% x Condition (#2) 75% x  
Location (#4) 50% = \$2342.63
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) \$2340

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) provided 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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**PZ21-12000042**  
**4/20/2022**

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**PZ21-12000042**  
**2/2/2022**





PZ21-12000042  
2/2/2022













PZ21-12000042  
2/2/2022





PZ21-12000042  
2/2/2022



PZ21-12000042  
2/2/2022







PZ21-12000042  
2/2/2022



PZ21-12000042  
2/2/2022

PZ21-12000042  
2/2/2022

PZ21-12000042  
2/2/2022

















PZ21-12000042  
2/2/2022





PZ21-12000042  
2/2/2022









PZ21-12000042  
2/2/2022





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PZ21-12000042  
2/2/2022





































PZ21-12000042  
2/2/2022

PZ21-12000042  
2/2/2022







PZ21-12000042  
2/2/2022

















PZ21-12000042  
2/2/2022



PZ21-12000042  
2/2/2022







PZ21-12000042  
2/2/2022





## Trunk Formula Method Work Sheet

Tree # 258

Case # 21-00000000 Property 1955 N. Federal Hwy., Pompano Beach, FL 33062

Date 10/6/2021

Appraiser Hugh Johnson LA 0000855

### Field Observations

1. Species Quercus virginiana
2. Condition 75%
3. Trunk Circumference \_\_\_ in./cm. Diameter 10 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

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

- |  |   |
|--|---|
| 5. Species rating  | <u>100%</u>                                   |
| 6. Replacement Tree Size (diameter)<br>(Trunk Area) <u>13 in<sup>2</sup>/cm<sup>2</sup> TA<sub>R</sub></u> | <u>4 in./cm</u>                               |
| 7. Replacement Tree Cost<br>(see Regional Information to use Cost selected)                                | <u>\$600</u>                                  |
| 8. Installation Cost   | <u>\$600 x 2.5</u>                            |
| 9. Installed Tree Cost (#7 + #8)   | <u>\$1500</u>                                 |
| 10. Unit Tree Cost<br>(see Regional Information to use Cost selected)                                      | <u>\$47 per in<sup>2</sup>/cm<sup>2</sup></u> |

### Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:  
(TA<sub>A</sub> or ATA<sub>A</sub>; use Tables 4.4-4.7)  
Or  $c^2$  (#3) \_\_\_ x 0.08  
Or  $d^2$  (#3) 100 x 0.785  
] = 79 in<sup>2</sup>/cm<sup>2</sup>
12. Appraised Tree Trunk Increase (TA<sub>INCR</sub>) =  
TA<sub>A</sub> or ATA<sub>A</sub> 79 in<sup>2</sup>/cm<sup>2</sup> (#11) - TA<sub>R</sub> 13 in<sup>2</sup>/cm<sup>2</sup> (#6) = 66 in<sup>2</sup>/cm<sup>2</sup>
13. Basic Tree Cost = TA<sub>INCR</sub> (#12) 66 in<sup>2</sup>/cm<sup>2</sup> x Unit Tree Cost (#10) \$47  
per in<sup>2</sup>/cm<sup>2</sup> + Installed Tree Cost (#9) \$1500 = \$4602
14. Appraised Value = Basic Tree Cost (#13) \$4602 x Species Rating (#5) 100% x Condition (#2) 75% x  
Location (#4) 50% = \$1725.75
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) \$1730

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) provided 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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**PZ21-12000042  
4/20/2022**

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**PZ21-12000042  
2/2/2022**



## Trunk Formula Method Work Sheet

Tree # 260

Case # 21-00000000 Property 1955 N. Federal Hwy., Pompano Beach, FL 33062

Date 10/6/2021

Appraiser Hugh Johnson LA 0000855

### Field Observations

1. Species Quercus virginiana
2. Condition 75%
3. Trunk Circumference \_\_\_ in./cm. Diameter 10 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

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

- |  |   |
|--|---|
| 5. Species rating  | <u>100%</u>                                   |
| 6. Replacement Tree Size (diameter)<br>(Trunk Area) <u>13 in<sup>2</sup>/cm<sup>2</sup> TA<sub>R</sub></u> | <u>4 in./cm</u>                               |
| 7. Replacement Tree Cost<br>(see Regional Information to use Cost selected)                                | <u>\$600</u>                                  |
| 8. Installation Cost   | <u>\$600 x 2.5</u>                            |
| 9. Installed Tree Cost (#7 + #8)   | <u>\$1500</u>                                 |
| 10. Unit Tree Cost<br>(see Regional Information to use Cost selected)                                      | <u>\$47 per in<sup>2</sup>/cm<sup>2</sup></u> |

### Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:  
(TA<sub>A</sub> or ATA<sub>A</sub>; use Tables 4.4-4.7)  
Or  $c^2$  (#3) \_\_\_ x 0.08  
Or  $d^2$  (#3) 100 x 0.785  
] = 79 in<sup>2</sup>/cm<sup>2</sup>
12. Appraised Tree Trunk Increase (TA<sub>INCR</sub>) =  
TA<sub>A</sub> or ATA<sub>A</sub> 79 in<sup>2</sup>/cm<sup>2</sup> (#11) - TA<sub>R</sub> 13 in<sup>2</sup>/cm<sup>2</sup> (#6) = 66 in<sup>2</sup>/cm<sup>2</sup>
13. Basic Tree Cost = TA<sub>INCR</sub> (#12) 66 in<sup>2</sup>/cm<sup>2</sup> x Unit Tree Cost (#10) \$47  
per in<sup>2</sup>/cm<sup>2</sup> + Installed Tree Cost (#9) \$1500 = \$4602
14. Appraised Value = Basic Tree Cost (#13) \$4602 x Species Rating (#5) 100% x Condition (#2) 75% x  
Location (#4) 50% = \$1725.75
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) \$1730

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) provided 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.

**DRC**

**PZ21-12000042**  
**4/20/2022**

**DRC**

**PZ21-12000042**  
**2/2/2022**



PZ21-12000042  
2/2/2022



**DRC**  
PZ21-12000042  
2/2/2022



PZ21-12000042  
2/2/2022



PZ21-12000042  
2/2/2022

PZ21-12000042  
2/2/2022



PZ21-12000042  
2/2/2022







PZ21-12000042  
2/2/2022













PZ21-12000042  
2/2/2022







