

Trunk Formula Method Work Sheet

Tree # 1

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 9 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 in²/cm² TA_R
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 in²/cm²
(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) 81 x 0.785 = 64 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 64 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 51 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 51 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3897
14. Appraised Value = Basic Tree Cost (#13) \$3897 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1461.38
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) \$1460

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.

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.

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 # 5

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 7 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) 4 in./cm
(Trunk Area) 13 in²/cm² TA_R
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 in²/cm²
(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) 49 x 0.785 = 39 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 39 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 26 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 26 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$2722
14. Appraised Value = Basic Tree Cost (#13) \$2722 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1020.75
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) \$1020

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 # 6

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 7 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) 4 in./cm
(Trunk Area) 13 in²/cm² TA_R
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 in²/cm²
(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) 49 x 0.785 = 39 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 39 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 26 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 26 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$2722
14. Appraised Value = Basic Tree Cost (#13) \$2722 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1020.75
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) \$1020

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.

Field Observations

1. Species Quercus virginiana
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 7 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) 4 in./cm
(Trunk Area) 13 in²/cm² TA_R
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 in²/cm²
(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) 49 x 0.785 = 39 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 39 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 26 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 26 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$2722
14. Appraised Value = Basic Tree Cost (#13) \$2722 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1020.75
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) \$1020

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.

Calculations by Appraiser using Field and Regional Information



Tree # 16

Date 10/6/2021

Field Observations

1. Species Lagertroemia indica
2. Condition 65%
3. Trunk Circumference in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{65\%} \times$
Location (#4) $\underline{50\%} = \underline{\$346.94}$
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) $\underline{\$350}$

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.



Tree # 18

Date 10/6/2021

Field Observations

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

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{9} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{8 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{1 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{1 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$925}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$925} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{50\%} \times$
Location (#4) $\underline{50\%} = \underline{\$161.88}$
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) $\underline{\$160}$

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.



Tree # 19

Date 10/6/2021

Field Observations

1. Species Lagertroemia indica
2. Condition 50%
3. Trunk Circumference ____ in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{50\%} \times$
Location (#4) $\underline{50\%} = \underline{\$266.88}$
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) $\underline{\$270}$

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.



Tree # 20

Date 10/6/2021

Field Observations

1. Species Lagertroemia indica
2. Condition 50%
3. Trunk Circumference ____ in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{50\%} \times$
Location (#4) $\underline{50\%} = \underline{\$266.88}$
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) $\underline{\$270}$

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.



Tree # 23

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 50%
3. Trunk Circumference in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating (\#5)} \underline{70\%} \times \text{Condition (\#2)} \underline{50\%} \times$
Location (#4) $\underline{50\%} = \underline{\$266.88}$
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) $\underline{\$270}$

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.



Tree # 26

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 50%
3. Trunk Circumference ____ in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating (\#5)} \underline{70\%} \times \text{Condition (\#2)} \underline{50\%} \times$
Location (#4) $\underline{50\%} = \underline{\$266.88}$
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) $\underline{\$270}$

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 # 27

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 50%
3. Trunk Circumference in./cm. Diameter 3 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) 3 in./cm
(Trunk Area) 7 in²/cm² TA_R
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 \$86 per in²/cm²
(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) 9 x 0.785 = 8 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 8 in²/cm² (#11) - TA_R 7 in²/cm² (#6) = 1 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 1 in²/cm² x Unit Tree Cost (#10) \$86
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$1586
14. Appraised Value = Basic Tree Cost (#13) \$1586 x Species Rating (#5) 100% x Condition (#2) 50% x
Location (#4) 50% = \$396.50
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) \$400

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 # 28

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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) 100 x 0.785
} = 79 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 TA_A or ATA_A 79 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 66 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in²/cm² x Unit Tree Cost (#10) \$47
 per in²/cm² + 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) 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.



Tree # 33

Date 10/6/2021

Field Observations

1. Species Hibiscus rosa sinensis
2. Condition 50%
3. Trunk Circumference in./cm. Diameter 2 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>0%</u>
6. Replacement Tree Size (diameter) (Trunk Area) $7 \text{ in}^2/\text{cm}^2$ TA _R	<u>3 in./cm</u>
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$0</u>
8. Installation Cost	<u>\$0 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$0</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$0 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{4 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INC}) =$
 $TA_A \text{ or } ATA_A \underline{4 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{-3 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INC} (\#12) \underline{-3 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$0}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$0} = \underline{\$0}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$0} \times \text{Species Rating} (\#5) \underline{0\%} \times \text{Condition} (\#2) \underline{50\%} \times \text{Location}$
 $(\#4) \underline{50\%} = \underline{\$0.00}$
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 = $(\#14) \underline{\$0}$

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.



Tree # 47

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.

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 # 53

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 7 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) 4 in./cm
(Trunk Area) 13 in²/cm² TA_R
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 in²/cm²
(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) 49 x 0.785 = 39 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 39 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 26 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 26 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$2722
14. Appraised Value = Basic Tree Cost (#13) \$2722 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1020.75
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) \$1020

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 # 54

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 6 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 in²/cm² TA_R
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 in²/cm²
(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) 36 x 0.785 = 29 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 29 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 16 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 16 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$2252
14. Appraised Value = Basic Tree Cost (#13) \$2252 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$844.50
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) \$840

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.



Tree # 55

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 7 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{49} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{39 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{26 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{26 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$2722}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$2722} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1020.75}$
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) $\underline{\$1020}$

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.

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 # 58

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 8 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) \$47
 per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 59

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{144 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$6247}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$6247} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$2342.63}$
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) $\underline{\$2340}$

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) 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.



Tree # 61

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{144 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$6247}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$6247} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$2342.63}$
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) $\underline{\$2340}$

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) 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.



Tree # 62

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 11 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{121} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{95 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{82 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12) } \underline{82 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$5354}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$5354} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$2007.75}$
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) $\underline{\$2010}$

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 # 63

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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) 100 x 0.785
} = 79 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 TA_A or ATA_A 79 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 66 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in²/cm² x Unit Tree Cost (#10) \$47
 per in²/cm² + 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) 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.

PZ21-12000042

10/19/2022

12000042 Trunk Formula Method Work Sheet

Tree # 64

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 8 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)
(Trunk Area) <u>13in²/cm²</u> TA _R | <u>4in./cm</u> |
| 7. Replacement Tree Cost
(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
(see Regional Information to use Cost selected) | <u>\$47 per in²/cm²</u> |

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 65

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{144 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$6247}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$6247} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$2342.63}$
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) $\underline{\$2340}$

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) 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.



Tree # 66

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{144 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$6247}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$6247} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$2342.63}$
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) $\underline{\$2340}$

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) 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.



Tree # 67

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 68

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 9 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{81} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{64 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{51 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{51 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3897}$
14. Appraised Value = Basic Tree Cost (#13) \$3897 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1461.38
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) \$1460

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.



Tree # 69

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 6 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{36 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{29 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{16 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{16 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$2252}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$2252} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$844.50}$
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) $\underline{\$840}$

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.



Tree # 89

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference ____ in./cm. Diameter 9 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{81} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{64 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{51 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{51 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3897}$
14. Appraised Value = Basic Tree Cost (#13) \$3897 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1461.38
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) \$1460

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.



Tree # 90

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 91

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{144} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$6247}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$6247} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$2342.63}$
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) $\underline{\$2340}$

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) 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.



Tree # 92

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{144 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$6247}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$6247} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$2342.63}$
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) $\underline{\$2340}$

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) 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.



Tree # 104

Date 10/6/2021

Field Observations

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

5. Species rating	<u>90%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$500</u>
8. Installation Cost	<u>\$500 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$1250</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$39 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{144} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$39}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1250} = \underline{\$5189}$
14. Appraised Value = Basic Tree Cost (#13) \$5189 x Species Rating (#5) 90% x Condition (#2) 75% x
Location (#4) 50% = \$1751.29
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) \$1750

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.

12000042 Trunk Formula Method Work Sheet

Tree # 111

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 Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 6 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>70%</u> |
| 6. Replacement Tree Size (diameter)
(Trunk Area) <u>7</u> in ² /cm ² TA _R | <u>3</u> in./cm |
| 7. Replacement Tree Cost
(see Regional Information to use Cost selected) | <u>\$350</u> |
| 8. Installation Cost | <u>\$350 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$875</u> |
| 10. Unit Tree Cost
(see Regional Information to use Cost selected) | <u>\$50 per in²/cm²</u> |

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{36 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{29 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{22 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{22 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1975}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1975} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
 $\text{Location} (\#4) \underline{50\%} = \underline{\$518.44}$
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) $\underline{\$520}$

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.



Tree # 113

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.



Tree # 114

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.



Tree # 115

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 116

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.



Tree # 117

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13</u> in ² /cm ² TA _R	<u>4</u> in./cm
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$200 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$200}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$9100}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$9100} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$3412.50}$
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) $\underline{\$3410}$

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.



Tree # 119

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 120

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 121

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 124

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{44 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{44 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$3075}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3075} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
Location (#4) $\underline{50\%} = \underline{\$807.19}$
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) $\underline{\$810}$

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.



Tree # 128

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 129

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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 # 130

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 131

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.



Tree # 132

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 6 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{36 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{29 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{22 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{22 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1975}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1975} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
 $\text{Location} (\#4) \underline{50\%} = \underline{\$518.44}$
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) $\underline{\$520}$

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.



Tree # 136

Date 10/6/2021

Field Observations

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

5. Species rating	<u>90%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$500</u>
8. Installation Cost	<u>\$500 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$1250</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$39 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{144} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{114 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{101 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12) } \underline{101 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$39}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1250} = \underline{\$5189}$
14. Appraised Value = Basic Tree Cost (#13) \$5189 x Species Rating (#5) 90% x Condition (#2) 75% x
 Location (#4) 50% = \$1751.29
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) \$1750

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 # 137

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 143

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 50%
3. Trunk Circumference in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} (\#12) \underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost ($\#13$) $\underline{\$1525} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{50\%} \times$
 $\text{Location} (\#4) \underline{50\%} = \underline{\$266.88}$
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 = ($\#14$) $\underline{\$270}$

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.



Tree # 144

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 145

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 146

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 147

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.



Tree # 151

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 152

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 8 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) \$47
 per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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 # 153

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 8 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) \$47
 per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.

12000042 Trunk Formula Method Work Sheet

Tree # 154

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 8 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)
(Trunk Area) <u>13in²/cm²</u> TA _R | <u>4in./cm</u> |
| 7. Replacement Tree Cost
(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
(see Regional Information to use Cost selected) | <u>\$47 per in²/cm²</u> |

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 155

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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 # 156

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 8 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) \$47
 per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 159

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 50%
3. Trunk Circumference ____ in./cm. Diameter 4 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\quad} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{16 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{13 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{6 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} (\#12) \underline{6 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1175}$
14. Appraised Value = Basic Tree Cost ($\#13$) $\underline{\$1175} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{50\%} \times$
 $\text{Location} (\#4) \underline{50\%} = \underline{\$205.63}$
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 = ($\#14$) $\underline{\$210}$

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.



Tree # 162

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 50%
3. Trunk Circumference ____ in./cm. Diameter 4 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{16 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{13 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{6 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{6 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1175}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1175} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{50\%} \times$
 $\text{Location} (\#4) \underline{50\%} = \underline{\$205.63}$
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) $\underline{\$210}$

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.



Tree # 163

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 50%
3. Trunk Circumference ____ in./cm. Diameter 4 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\quad} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{16 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{13 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{6 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} (\#12) \underline{6 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1175}$
14. Appraised Value = Basic Tree Cost ($\#13$) $\underline{\$1175} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{50\%} \times$
 $\text{Location} (\#4) \underline{50\%} = \underline{\$205.63}$
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 = ($\#14$) $\underline{\$210}$

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 # 177

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 8 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) \$47
 per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.

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.



Tree # 201

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 202

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 203

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 204

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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 # 205

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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 # 206

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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 # 207

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 209

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 211

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 212

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 213

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 214

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 216

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.

PZ21-12000042

10/19/2022

12000042 Trunk Formula Method Work Sheet

Tree # 232

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 8 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)
(Trunk Area) <u>13in²/cm²</u> TA _R | <u>4in./cm</u> |
| 7. Replacement Tree Cost
(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
(see Regional Information to use Cost selected) | <u>\$47 per in²/cm²</u> |

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (\#13) \$3286 x Species Rating (\#5) 100% x Condition (\#2) 75% x
Location (\#4) 50% = \$1232.25
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) \$1230

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.



Tree # 233

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 234

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 235

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (\#13) \$3286 x Species Rating (\#5) 100% x Condition (\#2) 75% x
Location (\#4) 50% = \$1232.25
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) \$1230

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.



Tree # 236

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 237

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 238

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 8 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) \$47
 per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 239

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 241

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
 Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 244

Date 10/6/2021

Field Observations

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

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{16 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{0 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{0 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$1500}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1500} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$562.50}$
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) $\underline{\$560}$

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.



Tree # 245

Date 10/6/2021

Field Observations

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

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{16 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{0 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{0 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$1500}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1500} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$562.50}$
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) $\underline{\$560}$

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.



Tree # 246

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{44 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{44 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$3075}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3075} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{75\%} \times$
Location (#4) $\underline{50\%} = \underline{\$807.19}$
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) $\underline{\$810}$

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.



Tree # 248

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 249

Date 10/6/2021

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 = 40%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100 \times 0.785}$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (\#13) $\underline{\$4602} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{40\%} = \underline{\$1380.60}$
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) $\underline{\$1380}$

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.



Tree # 254

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{44 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} (\#12) \underline{44 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$3075}$
14. Appraised Value = Basic Tree Cost ($\#13$) $\underline{\$3075} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
 $\text{Location} (\#4) \underline{40\%} = \underline{\$645.75}$
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 = ($\#14$) $\underline{\$650}$

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.



Tree # 255

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{44 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} (\#12) \underline{44 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$3075}$
14. Appraised Value = Basic Tree Cost ($\#13$) $\underline{\$3075} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
 $\text{Location} (\#4) \underline{40\%} = \underline{\$645.75}$
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 = ($\#14$) $\underline{\$650}$

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.



Tree # 256

Date 10/6/2021

Field Observations

1. Species Callophyllum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{44 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{44 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$3075}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3075} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
Location (#4) $\underline{40\%} = \underline{\$645.75}$
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) $\underline{\$650}$

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.



Tree # 257

Date 10/6/2021

Field Observations

1. Species Callophylum
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 3 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{9} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{8 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{1 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{1 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
per $\text{in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$875} = \underline{\$925}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$925} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{75\%} \times$
Location (#4) $\underline{40\%} = \underline{\$194.25}$
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) $\underline{\$190}$

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 # 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) | <u>4in./cm</u> |
| (Trunk Area) <u>13in²/cm²</u> TA _R | |
| 7. Replacement Tree Cost | <u>\$600</u> |
| (see Regional Information to use Cost selected) | |
| 8. Installation Cost | <u>\$600 x 2.5</u> |
| 9. Installed Tree Cost (#7 + #8) | <u>\$1500</u> |
| 10. Unit Tree Cost | <u>\$47 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) 100 x 0.785
} = 79 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 TA_A or ATA_A 79 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 66 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in²/cm² x Unit Tree Cost (#10) \$47
 per in²/cm² + 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) 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.



Tree # 259

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 260

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 261

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 262

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 263

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 264

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{100} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5) } \underline{100\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 265

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{100 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 266

Date 10/6/2021

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%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{100 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{79 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{66 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{66 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$4602}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$4602} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1725.75}$
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) $\underline{\$1730}$

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) 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.



Tree # 270

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm² TA_R</u>	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase $(TA_{INCR}) =$
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} \text{ (\#12)} \underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost $(\#13) \underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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 = $(\#14) \underline{\$1230}$

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.



Tree # 271

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 273

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 274

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9) } \underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{75\%} \times$
 $\text{Location (\#4) } \underline{40\%} = \underline{\$320.25}$
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) $\underline{\$320}$

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.



Tree # 276

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 (\#3) \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 (\#3) \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} (\#11) - TA_R \underline{7 \text{ in}^2/\text{cm}^2} (\#6) = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = $TA_{INCR} (\#12) \underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost} (\#10) \underline{\$50}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost} (\#9) \underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost ($\#13$) $\underline{\$1525} \times \text{Species Rating} (\#5) \underline{70\%} \times \text{Condition} (\#2) \underline{75\%} \times$
 $\text{Location} (\#4) \underline{40\%} = \underline{\$320.25}$
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 = ($\#14$) $\underline{\$320}$

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.



Tree # 277

Date 10/6/2021

Field Observations

1. Species Lagerstroemia indica
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 5 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 40%

5. Species rating	<u>70%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>7</u> in ² /cm ² TA _R	<u>3</u> in./cm
7. Replacement Tree Cost (see Regional Information to use Cost selected)	<u>\$350</u>
8. Installation Cost	<u>\$350 x 2.5</u>
9. Installed Tree Cost (#7 + #8)	<u>\$875</u>
10. Unit Tree Cost (see Regional Information to use Cost selected)	<u>\$50 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3) } \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3) } \underline{25 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{20 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{7 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{13 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{13 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10) } \underline{\$50}$
per in^2/cm^2 + Installed Tree Cost (#9) $\underline{\$875} = \underline{\$1525}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$1525} \times \text{Species Rating (\#5) } \underline{70\%} \times \text{Condition (\#2) } \underline{75\%} \times$
Location (#4) $\underline{40\%} = \underline{\$320.25}$
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) $\underline{\$320}$

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.



Tree # 279

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\quad} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64} \times 0.785$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 280

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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.



Tree # 281

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 282

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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 # 283

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 Cupaniopsis anacardioides
2. Condition 20%
3. Trunk Circumference in./cm. Diameter 4 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 0%
6. Replacement Tree Size (diameter) 3 in./cm
(Trunk Area) 7 in²/cm² TA_R
7. Replacement Tree Cost \$0
(see Regional Information to use Cost selected)
8. Installation Cost \$0 x 2.5
9. Installed Tree Cost (#7 + #8) \$0
10. Unit Tree Cost \$0 per in²/cm²
(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) 16 x 0.785 = 13 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 13 in²/cm² (#11) - TA_R 7 in²/cm² (#6) = 6 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 6 in²/cm² x Unit Tree Cost (#10) \$0
per in²/cm² + Installed Tree Cost (#9) \$0 = \$0
14. Appraised Value = Basic Tree Cost (#13) \$0 x Species Rating (#5) 0% x Condition (#2) 20% x Location
(#4) 50% = \$0.00
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) \$0

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 # 289

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 50%
3. Trunk Circumference in./cm. Diameter 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 50% x
Location (#4) 50% = \$821.50
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) \$820

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 # 290

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 8 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 in²/cm² TA_R
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 in²/cm²
(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) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$3286
14. Appraised Value = Basic Tree Cost (#13) \$3286 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1232.25
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) \$1230

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.



Tree # 291

Date 10/6/2021

Field Observations

1. Species *Quercus virginiana*
2. Condition 75%
3. Trunk Circumference in./cm. Diameter 8 in./cm.
4. Location % = [Site 80% + Contribution 80% + Placement 80%] ÷ 3 = 50%

5. Species rating	<u>100%</u>
6. Replacement Tree Size (diameter) (Trunk Area) <u>13in²/cm²</u> TA _R	<u>4in./cm</u>
7. Replacement Tree Cost (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 (see Regional Information to use Cost selected)	<u>\$47 per in²/cm²</u>

11. Appraised Trunk Area:
 $(TA_A \text{ or } ATA_A; \text{ use Tables 4.4-4.7})$
 $\text{Or } c^2 \text{ (\#3)} \underline{\hspace{1cm}} \times 0.08$
 $\text{Or } d^2 \text{ (\#3)} \underline{64 \times 0.785}$
12. Appraised Tree Trunk Increase (TA_{INCR}) =
 $TA_A \text{ or } ATA_A \underline{51 \text{ in}^2/\text{cm}^2} \text{ (\#11)} - TA_R \underline{13 \text{ in}^2/\text{cm}^2} \text{ (\#6)} = \underline{38 \text{ in}^2/\text{cm}^2}$
13. Basic Tree Cost = TA_{INCR} (#12) $\underline{38 \text{ in}^2/\text{cm}^2} \times \text{Unit Tree Cost (\#10)} \underline{\$47}$
 $\text{per in}^2/\text{cm}^2 + \text{Installed Tree Cost (\#9)} \underline{\$1500} = \underline{\$3286}$
14. Appraised Value = Basic Tree Cost (#13) $\underline{\$3286} \times \text{Species Rating (\#5)} \underline{100\%} \times \text{Condition (\#2)} \underline{75\%} \times$
 $\text{Location (\#4)} \underline{50\%} = \underline{\$1232.25}$
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) $\underline{\$1230}$

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 # 292

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 7 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) 4 in./cm
(Trunk Area) 13 in²/cm² TA_R
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 in²/cm²
(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) 49 x 0.785 = 39 in²/cm²
12. Appraised Tree Trunk Increase (TA_{INCR}) =
TA_A or ATA_A 39 in²/cm² (#11) - TA_R 13 in²/cm² (#6) = 26 in²/cm²
13. Basic Tree Cost = TA_{INCR} (#12) 26 in²/cm² x Unit Tree Cost (#10) \$47
per in²/cm² + Installed Tree Cost (#9) \$1500 = \$2722
14. Appraised Value = Basic Tree Cost (#13) \$2722 x Species Rating (#5) 100% x Condition (#2) 75% x
Location (#4) 50% = \$1020.75
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) \$1020

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.