

Trunk Formula Method Worksheet

Case # 24 Property NW corner Atlantic + Andrews - Pompano Date 1-26-2017

Appraiser Gerald Behan FL- 6234A

Field Observations

1. Species Bucida buceras Black Olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>3</u>	<u>3</u>	= <u>6</u>
Trunk	<u>3</u>	<u>3</u>	= <u>6</u>
Scaffold Branches	<u>3</u>	<u>2</u>	= <u>5</u>
Small Branches	<u>3</u>		= <u>3</u>
Leaves and Buds	<u>3</u>		= <u>3</u>
Sub-Total		<u>23</u>	/32 X 100 = Condition <u>72</u> %

3. Trunk Circumference _____ inches Diameter 22 inches

4. Location% = {Site 75 % + Contribution 50 % + Placement 75 %} /3 = 66 %

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

5. Species Rating _____ 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 484 X 0.785 = 380 Sq in

12. Appraised Tree Trunk Area Increase

TAincr = TAa (#11) 380 - TAr (#6) 13 = 367 sq in

13. Basic Tree Cost = TAincr (#12) 367 X Unit Tree Cost (#10) 54 + Installed Tree Cost (#9) 700 = \$ 19,818

14. Appraised Value = Basic Tree Cost (#13) 19,818 X Species Rating (#5) 90 % X Condition (#2) 72 % X Location (#4) 66 % = \$ 8476

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 8500

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

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Trunk Formula Method Worksheet

Case # 25 Property NW corner Atlantic + Andrews Pkwy Date 1-26-2017

Appraiser Gerald Behan FL - 6234A

Field Observations

1. Species Bucida buceras Black olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>3</u>	<u>3</u>	= <u>6</u>
Trunk	<u>3</u>	<u>3</u>	= <u>6</u>
Scaffold Branches	<u>3</u>	<u>3</u>	= <u>6</u>
Small Branches	<u>3</u>		= <u>3</u>
Leaves and Buds	<u>3</u>		= <u>3</u>
Sub-Total		<u>24</u>	/32 X 100 = Condition <u>75</u> %

3. Trunk Circumference _____ inches Diameter 19 inches

4. Location% = {Site 75 % + Contribution 50 % + Placement 75 %} /3 = 66 %

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

5. Species Rating _____ 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 361 X 0.785 = 283 Sq in

12. Appraised Tree Trunk Area Increase

TAincr = TAa (#11) 283 - TAr (#6) 13 = 270 sq in

13. Basic Tree Cost = TAincr (#12) 270 X Unit Tree Cost (#10) 54 + Installed Tree Cost (#9) 700 = \$ 15,280

14. Appraised Value = Basic Tree Cost (#13) 15,280 X Species Rating (#5) 90 % X Condition (#2) 75 % X Location (#4) 66 % = \$ 6807

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 6800

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

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Trunk Formula Method Worksheet

Case # 26 Property NW Corner Atlantic + Andrews - Pompano Date 1-26-2017

Appraiser Gerald Behon FL - 6234A

Field Observations

1. Species Bucida buceras - Black olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>3</u>	<u>2</u>	= <u>5</u>
Trunk	<u>2</u>	<u>2</u>	= <u>4</u>
Scaffold Branches	<u>3</u>	<u>2</u>	= <u>5</u>
Small Branches	<u>3</u>		= <u>3</u>
Leaves and Buds	<u>3</u>		= <u>3</u>
Sub-Total		<u>20</u>	/32 X 100 = Condition <u>63</u> %

3. Trunk Circumference _____ inches Diameter 18 inches

4. Location% = {Site 25 % + Contribution 50 % + Placement 50 %} /3 = 58 %

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

5. Species Rating 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 324 X 0.785 = 254 Sq in

12. Appraised Tree Trunk Area Increase

TAincr = TAa (#11) 254 - TAr (#6) 13 = 241 sq in

13. Basic Tree Cost = TAincr (#12) 241 X Unit Tree Cost (#10) 54 + Installed Tree Cost (#9) 700 = \$ 13,714

14. Appraised Value = Basic Tree Cost (#13) 13,714 X Species Rating (#5) 90 % X Condition (#2) 63 % X Location (#4) 58 % = \$ 4510

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 4510

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

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Case # 27 Property NW Corner Atlantic & Andrews - Pompano Date 1-26-2017

Appraiser Gerald Behan FL - 6234 A

Field Observations

1. Species Bucida buceras - Black Olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>2</u>	<u>2</u>	= <u>4</u>
Trunk	<u>2</u>	<u>2</u>	= <u>4</u>
Scaffold Branches	<u>3</u>	<u>2</u>	= <u>5</u>
Small Branches	<u>3</u>		= <u>3</u>
Leaves and Buds	<u>3</u>		= <u>3</u>
Sub-Total		<u>19</u>	/32 X 100 = Condition <u>59</u> %

3. Trunk Circumference _____ inches Diameter 18 inches

4. Location% = {Site 75 % + Contribution 50 % + Placement 75 %} /3 = 66 %

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

5. Species Rating 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 324 X 0.785 = 254 Sq in

12. Appraised Tree Trunk Area Increase

TAincr = TAa (#11) 254 - TAr (#6) 13 = 241 sq in

13. Basic Tree Cost = TAincr (#12) 241 X Unit Tree Cost (#10) 54 + Installed Tree Cost (#9) 700 = \$ 13,714

14. Appraised Value = Basic Tree Cost (#13) 13,714 X Species Rating (#5) 90 % X Condition (#2) 59 % X Location (#4) 66 % = \$ 5376

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 5400

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

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Case # 29 Property NW corner Atlantic & Andrews Date 1-26-2017

Appraiser Gerald Behen FL-6234A

Field Observations

1. Species Bucida Buceras - Black olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>3</u>	<u>3</u>	= <u>6</u>
Trunk	<u>2</u>	<u>1</u>	= <u>3</u>
Scaffold Branches	<u>3</u>	<u>3</u>	= <u>6</u>
Small Branches	<u>3</u>		= <u>3</u>
Leaves and Buds	<u>3</u>		= <u>3</u>
Sub-Total		<u>21</u>	/32 X 100 = Condition <u>66</u> %

3. Trunk Circumference _____ inches Diameter 18 inches

4. Location% = {Site 75 % + Contribution 50 % + Placement 75 %} /3 = 66 %

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

5. Species Rating 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 324 X 0.785 = 254 Sq in

12. Appraised Tree Trunk Area Increase

TAincr = TAa (#11) 254 - TAr (#6) 13 = 241 sq in

13. Basic Tree Cost = TAincr (#12) 241 X Unit Tree Cost (#10) 54 = 13,014 + Installed Tree Cost (#9) 700 = \$ 13,714

14. Appraised Value = Basic Tree Cost (#13) 13,714 X Species Rating (#5) 90 % X Condition (#2) 66 % X Location (#4) 66 % = \$ 5376

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 5400

Item 5 through 10 are determined by the Regional Plant Appraisal Committee. The Wholesale Replacement Tree Cost is the Retail Replacement Tree Cost, or the Installed Tree Cost (#9), divided by the Replacement Tree Factor (1.5). The Wholesale Replacement Tree Cost can be used for the Unit Tree Cost (#10), or it can be set by the Regional Plant Appraisal Committee.

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Case # 28 Property NW Corner Atlantic + Andrews - Pompano Date 1-26-2017

Appraiser Gerald Behan FL-6234A

Field Observations

1. Species Bucida buceras - Black Olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>3</u>	<u>3</u>	= <u>6</u>
Trunk	<u>3</u>	<u>2</u>	= <u>5</u>
Scaffold Branches	<u>2</u>	<u>2</u>	= <u>4</u>
Small Branches	<u>3</u>		= <u>3</u>
Leaves and Buds	<u>3</u>		= <u>3</u>
Sub-Total		<u>21</u>	/32 X 100 = Condition <u>66</u> %

3. Trunk Circumference _____ inches Diameter 19 inches

4. Location% = {Site 75 % + Contribution 50 % + Placement 75 %} /3 = 66 %

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

5. Species Rating _____ 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 361 X 0.785 = 283 Sq in

12. Appraised Tree Trunk Area Increase
TAincr = TAa (#11) 283 - TAr (#6) 13 = 270 sq in

13. Basic Tree Cost = TAincr (#12) 270 X Unit Tree Cost (#10) 54 + Installed Tree Cost (#9) 700 = \$ 15,280

14. Appraised Value = Basic Tree Cost (#13) 15,280 X Species Rating (#5) 90 %
X Condition (#2) 66 % X Location (#4) 66 % = \$ 5990

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 6000

Item 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 Cost (#6), can be used for the Unit Tree Cost (#10), or it can be set by the Regional Plant Appraisal Committee.

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Case # 30 Property NW corner Atlantic + Andrews Date 1-26-2017

Appraiser Gerald Behan FL-6234A

Field Observations

1. Species Bucida buceras - Black Olive

2. Condition

	(Health 1-4)	(Structure 1-4)	
Roots	<u>1</u>	<u>2</u>	= <u>3</u>
Trunk	<u>2</u>	<u>3</u>	= <u>5</u>
Scaffold Branches	<u>2</u>	<u>3</u>	= <u>5</u>
Small Branches	<u>2</u>		= <u>2</u>
Leaves and Buds	<u>2</u>		= <u>2</u>
Sub-Total		<u>17</u>	/32 X 100 = Condition <u>53</u> %

3. Trunk Circumference _____ inches Diameter 12 inches

4. Location% = {Site 75 % + Contribution 50 % + Placement 75 %} /3 = 66 %

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

5. Species Rating 90 %

6. Replacement Tree Size (diameter) 4 (Trunk Area = 3.14 X R sq) 13 Square inches TAr

7. Replacement Tree Cost (see Regional Information to use Cost selected) \$ 200

8. Installation Cost \$ 500

9. Installed Tree Cost (#7 + #8) \$ 700

10. Unit Tree Cost (See Regional Information to use Cost selected) \$ 54 per Sq In

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area TAa = diameter (#3) squared 144 X 0.785 = 113 Sq in

12. Appraised Tree Trunk Area Increase

TAincr = TAa (#11) 113 - TAr (#6) 13 = 100 sq in

13. Basic Tree Cost = TAincr (#12) 100 X Unit Tree Cost (#10) 54 + Installed Tree Cost (#9) 700 = \$ 6100

14. Appraised Value = Basic Tree Cost (#13) 6100 X Species Rating (#5) 90 % X Condition (#2) 53 % X Location (#4) 66 % = \$ 1920

15. If Appraised Value is \$5000 or more, round it to the nearest \$100, if it is less, round to nearest \$10.

16. Appraised Value = \$ 1920

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

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