

Guide for Plant Appraisal, 9th edition, 2000  
Trunk Formula Method

Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 1  
Species: *Veitchia merillii*

FIELD OBSERVATIONS

Species Rating, %:	1
Trunk diameter, inches:	5
Condition rating, %:	0.75
Site rating, %:	0.5
Contribution rating, %:	0.4
Placement rating, %:	0.4
Location %:	0.433333333

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	180
Installation Cost (\$):	360
Installed Tree Cost (\$):	540
Unit tree cost per inch squared (\$):	6.88

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	20
Appraised Tree Trunk Increase (inches squared):	10
Basic Tree Cost (\$):	608.75
Appraised Value (\$):	197.85

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ISA CERTIFIED ARBORIST (CERT #FL-9157A)



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**PZ20-12000030**

**1/6/21**

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 2  
Species: *Veitchia merillii*

FIELD OBSERVATIONS

Species Rating, %:	1	
Trunk diameter, inches:	9	(double)
Condition rating, %:	0.75	
Site rating, %:	0.5	
Contribution rating, %:	0.4	
Placement rating, %:	0.4	
Location %:	0.433333333	

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	350
Installation Cost (\$):	700
Installed Tree Cost (\$):	1050
Unit tree cost per inch squared (\$):	13.37

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	64.8
Appraised Tree Trunk Increase (inches squared):	54.8
Basic Tree Cost (\$):	1782.62
Appraised Value (\$):	579.35

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 3  
Species: *Veitchia merillii*

FIELD OBSERVATIONS

Species Rating, %:	1	
Trunk diameter, inches:	24	(6 trunks)
Condition rating, %:	0.75	
Site rating, %:	0.5	
Contribution rating, %:	0.4	
Placement rating, %:	0.4	
Location %:	0.433333333	

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	12
Replacement tree cost (\$):	750
Installation Cost (\$):	1500
Installed Tree Cost (\$):	2250
Unit tree cost per inch squared (\$):	19.89

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	460.8
Appraised Tree Trunk Increase (inches squared):	448.8
Basic Tree Cost (\$):	11178.60
Appraised Value (\$):	3633.04

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 4  
Species: *Veitchia merillii*

FIELD OBSERVATIONS

Species Rating, %:	1	
Trunk diameter, inches:	16	(4 trunks)
Condition rating, %:	0.75	
Site rating, %:	0.5	
Contribution rating, %:	0.4	
Placement rating, %:	0.4	
Location %:	0.433333333	

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	12
Replacement tree cost (\$):	600
Installation Cost (\$):	1200
Installed Tree Cost (\$):	1800
Unit tree cost per inch squared (\$):	15.92

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	204.8
Appraised Tree Trunk Increase (inches squared):	192.8
Basic Tree Cost (\$):	4868.51
Appraised Value (\$):	1582.27

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 5  
Species: *Veitchia merillii*

FIELD OBSERVATIONS

Species Rating, %:	1	
Trunk diameter, inches:	18	(3 trunks)
Condition rating, %:	0.75	
Site rating, %:	0.5	
Contribution rating, %:	0.4	
Placement rating, %:	0.4	
Location %:	0.433333333	

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	12
Replacement tree cost (\$):	450
Installation Cost (\$):	900
Installed Tree Cost (\$):	1350
Unit tree cost per inch squared (\$):	11.94

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	259.2
Appraised Tree Trunk Increase (inches squared):	247.2
Basic Tree Cost (\$):	4300.74
Appraised Value (\$):	1397.74

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 6  
Species: *Veitchia merillii*

FIELD OBSERVATIONS

Species Rating, %:	1	
Trunk diameter, inches:	16	(4 trunks)
Condition rating, %:	0.75	
Site rating, %:	0.5	
Contribution rating, %:	0.4	
Placement rating, %:	0.4	
Location %:	0.433333333	

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	12
Replacement tree cost (\$):	600
Installation Cost (\$):	1200
Installed Tree Cost (\$):	1800
Unit tree cost per inch squared (\$):	15.92

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	204.8
Appraised Tree Trunk Increase (inches squared):	192.8
Basic Tree Cost (\$):	4868.51
Appraised Value (\$):	1582.27

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 7  
Species: *Sabal Palmetto*

FIELD OBSERVATIONS

Species Rating, %:	1
Trunk diameter, inches:	12
Condition rating, %:	0
Site rating, %:	0
Contribution rating, %:	0
Placement rating, %:	0
Location %:	0.00

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	150
Installation Cost (\$):	300
Installed Tree Cost (\$):	450
Unit tree cost per inch squared (\$):	5.73

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	115.2
Appraised Tree Trunk Increase (inches squared):	105.2
Basic Tree Cost (\$):	1052.75
Appraised Value (\$):	0.00

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 8  
Species: *Sabal Palmetto*

FIELD OBSERVATIONS

Species Rating, %:	1
Trunk diameter, inches:	12
Condition rating, %:	0.65
Site rating, %:	0.65
Contribution rating, %:	0.65
Placement rating, %:	0.7
Location %:	0.67

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	150
Installation Cost (\$):	300
Installed Tree Cost (\$):	450
Unit tree cost per inch squared (\$):	5.73

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	115.2
Appraised Tree Trunk Increase (inches squared):	105.2
Basic Tree Cost (\$):	1052.75
Appraised Value (\$):	456.19

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 9  
Species: *Sabal Palmetto*

FIELD OBSERVATIONS

Species Rating, %:	1
Trunk diameter, inches:	12
Condition rating, %:	0.65
Site rating, %:	0.65
Contribution rating, %:	0.65
Placement rating, %:	0.7
Location %:	0.67

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	150
Installation Cost (\$):	300
Installed Tree Cost (\$):	450
Unit tree cost per inch squared (\$):	5.73

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	115.2
Appraised Tree Trunk Increase (inches squared):	105.2
Basic Tree Cost (\$):	1052.75
Appraised Value (\$):	456.19

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 10  
Species: *Sabal Palmetto*

FIELD OBSERVATIONS

Species Rating, %:	1
Trunk diameter, inches:	12
Condition rating, %:	0.65
Site rating, %:	0.65
Contribution rating, %:	0.65
Placement rating, %:	0.7
Location %:	0.67

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	1
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	150
Installation Cost (\$):	300
Installed Tree Cost (\$):	450
Unit tree cost per inch squared (\$):	5.73

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	115.2
Appraised Tree Trunk Increase (inches squared):	105.2
Basic Tree Cost (\$):	1052.75
Appraised Value (\$):	456.19

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 11  
Species: Swietenia mahoganii

FIELD OBSERVATIONS

Species Rating, %:	0.7
Trunk diameter, inches:	3
Condition rating, %:	0.75
Site rating, %:	0.75
Contribution rating, %:	0.75
Placement rating, %:	0.7
Location %:	0.73

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	0.7
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	1250
Installation Cost (\$):	2500
Installed Tree Cost (\$):	3750
Unit tree cost per inch squared (\$):	47.75

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	7.2
Appraised Tree Trunk Increase (inches squared):	-2.8
Basic Tree Cost (\$):	3616.31
Appraised Value (\$):	1392.28

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 12  
Species: Swietenia mahoganii

FIELD OBSERVATIONS

Species Rating, %:	0.7
Trunk diameter, inches:	3
Condition rating, %:	0.75
Site rating, %:	0.75
Contribution rating, %:	0.75
Placement rating, %:	0.7
Location %:	0.73

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	0.7
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	1250
Installation Cost (\$):	2500
Installed Tree Cost (\$):	3750
Unit tree cost per inch squared (\$):	47.75

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	7.2
Appraised Tree Trunk Increase (inches squared):	-2.8
Basic Tree Cost (\$):	3616.31
Appraised Value (\$):	1392.28

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 39  
Species: Swietenia mahoganii

FIELD OBSERVATIONS

Species Rating, %:	0.7
Trunk diameter, inches:	3
Condition rating, %:	0.75
Site rating, %:	0.75
Contribution rating, %:	0.75
Placement rating, %:	0.7
Location %:	0.73

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	0.7
Replacement tree trunk (diameter inches):	10
Replacement tree cost (\$):	1250
Installation Cost (\$):	2500
Installed Tree Cost (\$):	3750
Unit tree cost per inch squared (\$):	47.75

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	7.2
Appraised Tree Trunk Increase (inches squared):	-2.8
Basic Tree Cost (\$):	3616.31
Appraised Value (\$):	1392.28

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 40  
Species: Quercus virginiana

FIELD OBSERVATIONS

Species Rating, %: 0.9  
Trunk diameter, inches: 2.5  
Condition rating, %: 0.75  
Site rating, %: 0.8  
Contribution rating, %: 0.8  
Placement rating, %: 0.7  
Location %: 0.7

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %: 0.9  
Replacement tree trunk (diameter inches): 8  
Replacement tree cost (\$): 1250  
Installation Cost (\$): 2500  
Installed Tree Cost (\$): 3750  
Unit tree cost per inch squared (\$): 74.60

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inches squared): 5  
Appraised Tree Trunk Increase (inches squared): -3  
Basic Tree Cost (\$): 3526.19  
Appraised Value (\$): 1666.12

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 41  
Species: Bursera simaruba

FIELD OBSERVATIONS

Species Rating, %:	0.8
Trunk diameter, inches:	2
Condition rating, %:	0.6
Site rating, %:	0.7
Contribution rating, %:	0.7
Placement rating, %:	0.6
Location %:	0.67

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	0.8
Replacement tree trunk (diameter inches):	6
Replacement tree cost (\$):	600
Installation Cost (\$):	1200
Installed Tree Cost (\$):	1800
Unit tree cost per inch squared (\$):	63.66

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	3.2
Appraised Tree Trunk Increase (inches squared):	-2.8
Basic Tree Cost (\$):	1621.75
Appraised Value (\$):	518.96

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 42  
Species: Quercus virginiana

FIELD OBSERVATIONS

Species Rating, %:	0.9
Trunk diameter, inches:	2.5
Condition rating, %:	0.75
Site rating, %:	0.8
Contribution rating, %:	0.8
Placement rating, %:	0.7
Location %:	0.7

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	0.9
Replacement tree trunk (diameter inches):	8
Replacement tree cost (\$):	1250
Installation Cost (\$):	2500
Installed Tree Cost (\$):	3750
Unit tree cost per inch squared (\$):	74.60

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inches squared):	5
Appraised Tree Trunk Increase (inches squared):	-3
Basic Tree Cost (\$):	3526.19
Appraised Value (\$):	1666.12

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Date: 6/5/2020  
Location: Popeye's Market  
Tree Number: 43  
Species: Bursera simaruba

FIELD OBSERVATIONS

Species Rating, %:	0.8
Trunk diameter, inches:	2.5
Condition rating, %:	0.6
Site rating, %:	0.7
Contribution rating, %:	0.7
Placement rating, %:	0.6
Location %:	0.67

REGIONAL APPRAISAL COMMITTEE and/or  
APPRAISER DEVELOPED INFORMATION

Species rating, %:	0.8
Replacement tree trunk (diameter inches):	6
Replacement tree cost (\$):	600
Installation Cost (\$):	1200
Installed Tree Cost (\$):	1800
Unit tree cost per inch squared (\$):	63.66

CALCULATIONS BY APPRAISER USING FIELD  
AND REGIONAL INFORMATION

Appraised Trunk Area (inched squared):	5
Appraised Tree Trunk Increase (inches squared):	-1
Basic Tree Cost (\$):	1736.34
Appraised Value (\$):	555.63

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