

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 10 ***Calophyllum antillanum*** (Brazilian beautyleaf) aka. *C. inophyllum*
 Property 3350 Atlantic, Pompano Beach, FL
 Appraiser Van Hutchinson, Cert. Arborist (ISA)



1 Species *Calophyllum antillanum* (Brazilian beautyleaf) aka. *C. inophyllum*

2 Diameter (DBH) in inches 12

3 DIMINUTION FACTOR (Condition) 53.1%

4 Replacement tree size (inches of diam.) 6

5 Replacement tree cost (Average of 3 local nurseries) \$ 1,100

6 Markup: ISA Multiplier per J. Samnick 2.5

7 Value of each inch of diameter of replacement tree \$ 458 (Markup value / inches of replacement: 6")

8 Base value (DBH * line 9) \$ 5,500.0

9 Value after Diminution factors \$ 2,921.88

10 Appraised value **\$ 2,920.00**

Condition Factors	Score	Max Score
Roots	3	8 Structure: 1-4 plus health 1-4
Trunk	3	8 Structure: 1-4 plus health 1-4
Scaffold Branches	5	8 Structure: 1-4 plus health 1-4
Small branches/twigs	3	health 1-4
Foliage/buds	3	health 1-4
Score	17	
Total Possible	32	
Rating: (score/total possible)	53%	

Comments

NOTE: this calophyllum scored low on diminution factors because it does not have good trunk flare (planted or currently too deep); there is decay at lost branch leading into the heartwood at about 8' of height; codominant at 10' high, and it may or may not be relevant to this particular tree (so I'm not counting it) but...the USDA has hung their pest sample collectors at 3 places in the canopy!

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
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30	707	sq. ft.	25
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Data Sources: Plantant.com and Betrock Plant Finder: I used 45 gallon container quotes as these gave the most reliable 3" caliper.

With the plant directories I called up leading nurseries and found that large diameter Calophyllum is available but hard to find and that tree collectors are charging \$1000 to \$1200 for six inch FG field grown callophyllum, so the average is \$1100.

Sources include JWD Trees, Caribbean Tree, and Alger Farms.

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