

CITY OF SYDNEY TREE VALUATION METHOD 2003

This valuation method was developed in November 2003 for use in the City of Sydney, Australia. The introduction and instruction sheets should be consulted before using this spreadsheet.

The tree valuation formula is:

$$\text{Tree Value} = \$ P/6 \times S \times \{[(A+6)/3]+4\} \times [D/(42 \times 2)+0.5] \times C \times L/30 \times V \times H \times O$$

where:

- P = Planting cost of 200 litre tree with re-used paving (Obtain current costs)
- S = Size of plant specified by the City for new planting (Score: 200 litre = 1.0 75 litre = 0.7)
- A = Age in full years since planting
- D = Diameter of trunk (Calliper in mm at 1.0 metre height)
- C = Condition of the tree (Score: 0=Unacceptable to 1.0=Excellent)
- L = Useful remaining life of the tree in years
- V = Visibility of the tree from public areas (Score: 0.4 to 1.0)
- H = Heritage status of the tree, or the land where it is growing (Score:1.0 to 2.5)
- O = Ownership of land where the tree is growing (Score: Public=1.0 Private=0.1)

SPREADSHEET TABLE FOR CALCULATION OF TREE VALUE

(Insert new measures / scores in the light green boxes. The value will automatically be calculated in the purple box)

Location		Date	
Species		Tree No	
Notes		File Valuer	

Factor	Summary of Factor	Measure / Score
P	Planting cost of 200 litre size tree with re-used paving (Obtain current costs)	7,566
S	Size of plant specified for new planting (Score: 200 litre = 1.0 75 litre = 0.7)	1
A	Age in years since planting	0
D	Diameter of trunk (Calliper in mm at 1.0 metre height)	42
C	Condition of the tree (Score: 0=Unacceptable to 1.0=Excellent)	1
L	Useful remaining life of the tree in years	30
V	Visibility of the tree from public areas (Score: 0.4 to 1.0)	1
H	Heritage status of the tree, or the land where it is growing (Score:1.0 to 2.5)	1
O	Ownership of land where the tree is growing (Score: Public=1.0 Private=0.1)	1
Value	= P/6 x S x [(A+6)/3]+4 x [D/(42x2)+0.5] x C x L/30 x V x H x O =	\$ 7,566