THYER TREE VALUATION 2000b

2004 LCA NSW planting cost = $19.80

Instructions

3% pa for 2005, 2006 and 2007 = $21.60 in March 2007

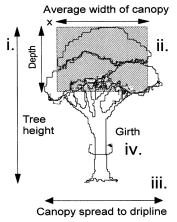
This file has one worked example and two sheets with embedded formulae.
I suggest you copy this file before using it so you have a blank templates for future projects.
The pages are set up to print on A4 sheets
Simply insert your measures / information in the cells with green text.

THYER TREE VALUATION WORKSHEET 2000b

File: A
DATE: 2007
VALUER: PT

LOCATION: Sample street tree
SPECIES: Sp
Tree No: Sample

SIZE FACTOR (S) All measurements in metres Notes:



I. Height of tree	6.00		
ii. Area of canopy (side view)	20.00	Calculations : ii Can. side area : Depth	4.00
Depth x Spread =	20	x aver. width	5.00
iii. Average diameter to dripline	6.00		
iv. Circumference of trunk (girth) at bh	0.94	Dbh	0.30
Dbh x pi = girth :	0.9429		

Size Factor : i. + ii. + iii. + iv. = 32.94 ÷ (10 + ii /100) S **3.23**

AGE FACTOR (A)

Age Factor : 0.02 x **15** (age of tree in years) + 0.5 A **0.80**

QUALITIES : PHYSICAL AND SOCIAL (Q)

Qi. Physical. If any score is zero, total the previous scores only and proceed to Qii.

	0	1	2	4	8	Score
Health	Dead or rapidly dying.	Surviving only. Treatment may help recovery	Damaged, diseased or restricted growth. Treatment will help	Normal growth and no recent damage	Thriving and no damage	4
Environmental benefit	Weed species	Restricts desirable plants or of little benefit to fauna	Beneficial to flora or fauna, provides food source, shelter	Remnant species of native vegetation	Indigenous species being integral part of native ecosystem	2
Life expectancy beyond present	0 - 5 years	5 - 20 years	20 - 50 years	50 - 100 years	> 100 years	1
Re-establishment potential of same species on site	Water required at planting time only	Three months maintenance required	Soil improvement and two year maint. required	Soil improvement, plant protection & ongoing maint. req.	Extremely difficult due to pollution, vandalism etc.	2
Rate of growth over first 10 years	> 2000 mm/year	800-2000 mm/yr	400- 800 mm/yr	200-400 mm/yr	< 200 mm/year	2

Addition total of Qi. scores 11.0

Qii. Social. If any score is zero, total the previous scores only.

	0	2	4	8	16	Score
Social benefit	Dangerous, or totally unsuitable for the site	Hazardous, or outgrown most beneficial size	No special function or some problem characteristics	Special function; screen, flower, fruit, Landscape feature	Tree creates ôSense of Placeô	8
Form and features	Ugly and not interesting	Ordinary or plain	Attractive or interesting for part of the year	Attractive or interesting in all seasons	Superb , appealing specimen	8
Social Significance	Seldom seen	Seen frequently by private owners or adjacent residents	Seen by neighbour-hood residents or passers by	Known locally or seen by many passers by	Of local historical importance, or known widely	6

Addition total of Qii. scores 22.0

Physical and Social Qualities Factor = Qi. + Qii. Q **33.0**

SIGNIFICANCE INDEX (S x A x Q) 85

PLANTING COST (P)

Average Landscape industry $ rate to supply & plant a 5 litre tree on local projects in March 2007 $ P 21.60

TREE VALUE = S x A x Q x P **$ 1,842**