

Tree Report of
30594



Genus Tabebuia	Species rosea	Common Name Tekoma	Date of report 27th January, 2026
Address Jalan P11 K/1	Position 2.9484493651904273, 101.67786819435486		



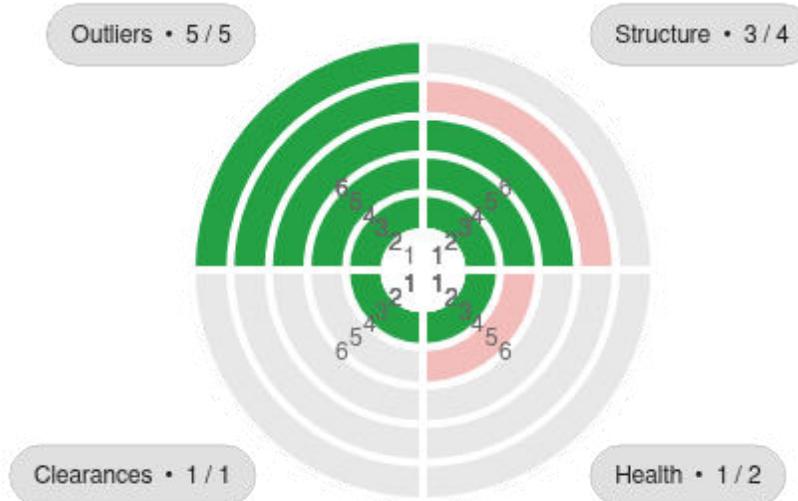
 Static map of tree location



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Structural assessment

- ✗ Trunk stability (base)
- ✓ Crown Lean Angle
- ✓ Slenderness
- ✓ Dieback

Health & Vitality

- ✓ Dieback
- ✗ Foliage Transparency

Clearances

- ✓ Road

Outliers

- ✓ DBH vs Leaf Area
- ✓ Height vs Crown Volume
- ✓ DBH vs Height
- ✓ Leaf Area vs Crown Volume
- ✓ DBH vs Crown Volume

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Dimensions

Total Height	Very high	18.26 m	Crown Spread	Very large	14.86 m
Trunk Height	Very high	5.37 m	Tree Protection Zone	Very large	9.21 m
DBH	Very large	0.77 m	Root Protection Zone	Very large	13.82 m
Crown Height	Very large	12.86 m	Number Of Stems	Low	1

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Structural assessment

Stability

Slenderness	Low	23.79	Crown Lean Angle	Medium	5.02 °
Trunk Stability Index		2.24	Trunk Lean Angle	Very high	11 °
Critical Wind Speed	100 kmh				

Limbs

Number of Limbs	-	Fork Types	-
Codominant Stems	-	Cross-sectional shape	-
Included Bark	-		

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Health and vitality

Condition & Vigor

Dieback	Low	0%	Foliage Transparency	18.16%
Basal Area Increment	-	Leaf Area	Very large	2,080.85 m ²
NDVI	-	Leaf Area Index	Very high	12.31

Foliage

Leaf Area Density	Low	1.22 m ² /m ³	Live Crown Ratio	Medium	70.41%
Crown Volume	Very large	1,707.64 m ³			

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Benefits

Water management

Avoided Water Runoff	Very high	0.48 m ³ /yr	Evaporation	Very high	8.3 m ³ /yr
Potential Evapotranspiration	Very high	51.23 m ³ /yr	Transpiration	Very high	9.83 m ³ /yr
Water Intercepted	Very high	8.36 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	1,500.22 kg	CO Removal	Very high	18.55 g/yr
Carbon Sequestration	Very high	106.42 kg/yr	NO ₂ Removal	Very high	73.31 g/yr
Oxygen Production	Very high	281.2 kg/yr	O ₃ Removal	Very high	883.5 g/yr
PM _{2.5} Removal	Very high	46.13 g/yr	SO ₂ Removal	Very high	158.16 g/yr

Economical value

Cavat Value	Very valuable	20,416.21 £
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Outlier information

Height / Crown Volume	No	Trunk Diameter / Height	No
Height / Leaf Area	No	Trunk Diameter / Leaf Area	No
Leaf Area Density Outlier	No	Overall Outlier Index	Low 0
Trunk Diameter / Crown Volume	No		

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Clearances

Building Clearance	<input type="radio"/> Not available
Road Clearance	<input checked="" type="radio"/> No issue
Wire Clearance	<input type="radio"/> Not available
Traffic Sign Clearance	<input type="radio"/> Not available
Visibility Clearance	<input type="radio"/> Not available

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