

Tree Report of
30194



Genus
Ficus

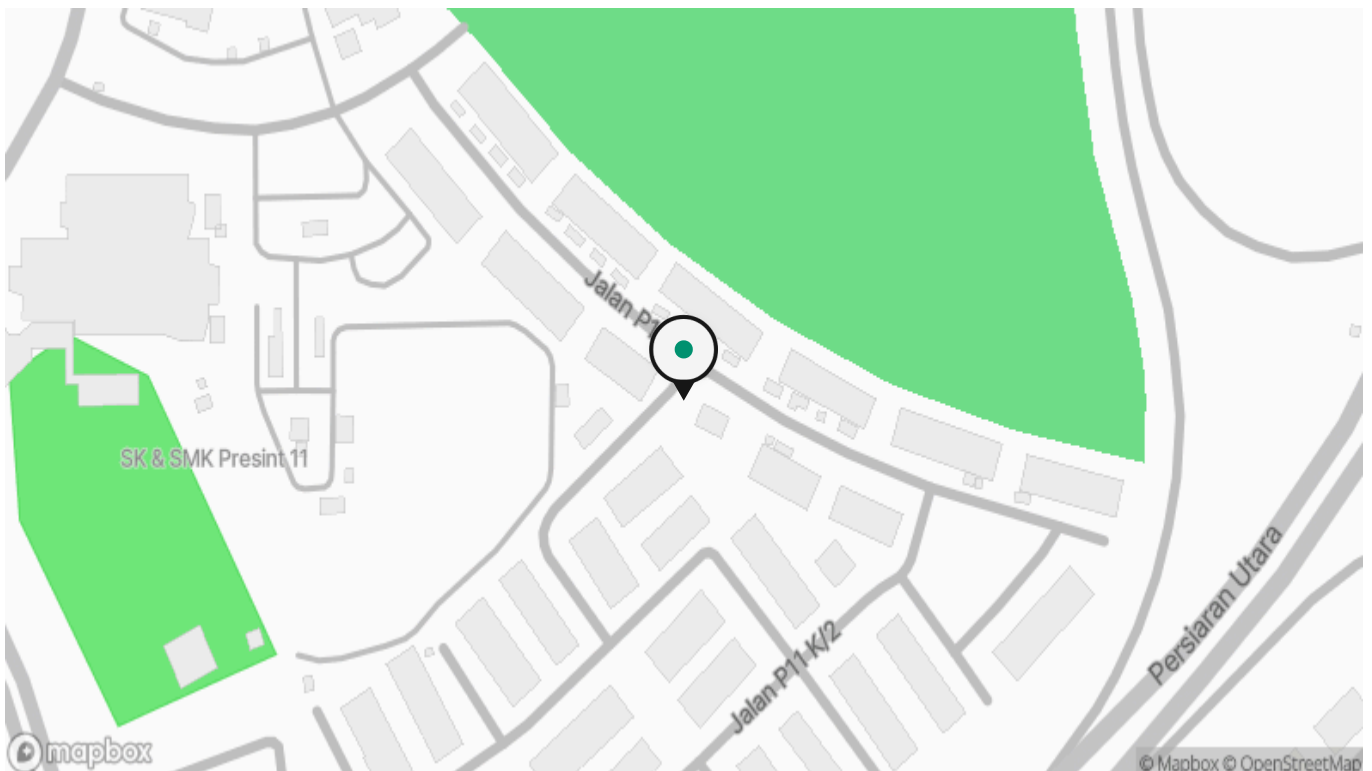
Species
benjamina

Common Name
Ara Beringin

Date of report
16th March, 2026

Address
Jalan P11 K/10

Position
2.9502459096900537, 101.67961646618834



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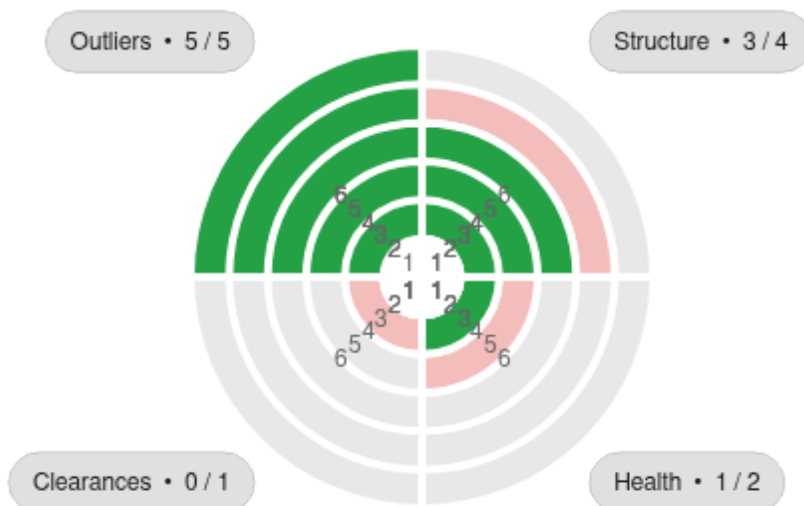
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Structural assessment

- ✗ 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	16.1 m	Crown Spread	Very large	15.8 m
Trunk Height	Medium	2.22 m	Tree Protection Zone	Very large	5.3 m
DBH	Very large	0.45 m	Root Protection Zone	Very large	7.95 m
Crown Height	Very large	13.29 m	Number Of Stems	Low	2

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Structural assessment

Stability

Slenderness	Medium	36.48	Crown Lean Angle	Very high	16.48 °
Trunk Stability Index		0.66	Trunk Lean Angle	Very high	22.27 °
Critical Wind Speed		55 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	0.21%	Foliage Transparency		24.5%
Basal Area Increment		-	Leaf Area	Very large	1,240.1 m ²
NDVI		-	Leaf Area Index	Medium	7.22

Foliage

Leaf Area Density	Low	0.78 m ² /m ³	Live Crown Ratio	Very high	82.55%
Crown Volume	Very large	1,595.49 m ³			

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Benefits

Water management

Avoided Water Runoff	Very high	0.54 m ³ /yr	Evaporation	Very high	9.38 m ³ /yr
Potential Evapotranspiration	Very high	57.87 m ³ /yr	Transpiration	Very high	11.1 m ³ /yr
Water Intercepted	Very high	9.44 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	477.93 kg	CO Removal	Very high	20.96 g/yr
Carbon Sequestration	Very high	89.33 kg/yr	NO ₂ Removal	Very high	82.81 g/yr
Oxygen Production	Very high	236.06 kg/yr	O ₃ Removal	Very high	998.12 g/yr
PM _{2.5} Removal	Very high	52.12 g/yr	SO ₂ Removal	Very high	178.68 g/yr

Economical value

Cavat Value Very valuable 5,954.49 £

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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

⊘ Not available

Road Clearance

⊗ Issue(s) found

↳ Min. height clearance:

4.1 m

Obstruction (height):

0.0 m

Obstruction (volume):

0.0 m³

Affected crown:

0.0%

Wire Clearance

⊘ Not available

Traffic Sign Clearance

⊘ Not available

Visibility Clearance

⊘ Not available

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