

Tree Report of 20868



Genus
Samanea

Species
saman


Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523



 Static map of tree location



Tree Report of 20868



Genus
Samanea

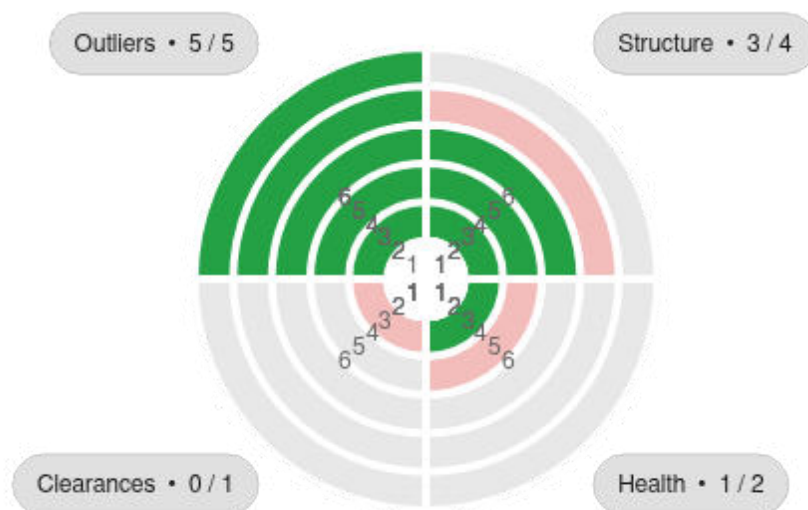
Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523



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

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

Dimensions

Total Height	Very high	18.18 m	Crown Spread	Very large	26.26 m
Trunk Height	Medium	2.4 m	Tree Protection Zone	Very large	9.19 m
DBH	Very large	0.77 m	Root Protection Zone	Very large	13.79 m
Crown Height	Very large	16.96 m	Number Of Stems	Low	1

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

Structural assessment

Stability

Slenderness	Low	23.73	Crown Lean Angle	Medium	5.83 °
Trunk Stability Index		1.4	Trunk Lean Angle	Very high	7.62 °
Critical Wind Speed		80 kmh			

Limbs

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

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

Health and vitality

Condition & Vigor

Dieback	Low	1.53%	Foliage Transparency		32.83%
Basal Area Increment		-	Leaf Area	Very large	2,763.12 m ²
NDVI		-	Leaf Area Index	Medium	6.22

Foliage

Leaf Area Density	Low	0.47 m ² /m ³	Live Crown Ratio	Very high	93.33%
Crown Volume	Very large	5,900.04 m ³			

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

Benefits

Water management

Avoided Water Runoff	Very high	1.47 m ³ /yr	Evaporation	Very high	25.9 m ³ /yr
Potential Evapotranspiration	Very high	159.9 m ³ /yr	Transpiration	Very high	30.67 m ³ /yr
Water Intercepted	Very high	26.07 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	1,584.49 kg	CO Removal	Very high	16.98 g/yr
Carbon Sequestration	Very high	125.61 kg/yr	NO ₂ Removal	Very high	67.08 g/yr
Oxygen Production	Very high	331.92 kg/yr	O ₃ Removal	Very high	808.46 g/yr
PM _{2.5} Removal	Very high	42.21 g/yr	SO ₂ Removal	Very high	144.73 g/yr

Economical value

Cavat Value **Very valuable** 20,285.68 £

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

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		

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

Clearances

Building Clearance

⌵ Not available

Road Clearance

⊗ Issue(s) found

↳ Min. height clearance:

3.0 m

Obstruction (height):

0.0 m

Obstruction (volume):

1.9 m³

Affected crown:

1.0%

Wire Clearance

⌵ Not available

Traffic Sign Clearance

⌵ Not available

Visibility Clearance

⌵ Not available

Tree Report of 20868



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.955997394551588, 101.67406455160523

