

Tree Report of
20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404



 Static map of tree location



Tree Report of 20637



Genus
Samanea

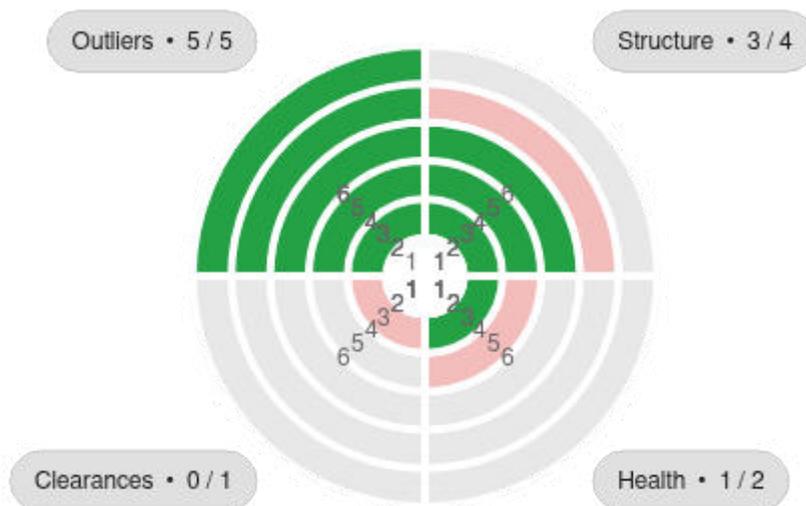
Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404



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 20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

Dimensions

Total Height	Very high	19.2 m	Crown Spread	Very large	22.74 m
Trunk Height	Medium	2.3 m	Tree Protection Zone	Very large	10.36 m
DBH	Very large	0.87 m	Root Protection Zone	Very large	15.54 m
Crown Height	Very large	9 m	Number Of Stems	Low	1

Tree Report of 20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

Structural assessment

Stability

Slenderness	Low	22.25	Crown Lean Angle	Low	3.42 °
Trunk Stability Index		2.53	Trunk Lean Angle	High	5.4 °
Critical Wind Speed		105 kmh			

Limbs

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

Tree Report of 20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

Health and vitality

Condition & Vigor

Dieback	Low	3.34%	Foliage Transparency	21.07%
Basal Area Increment	-	-	Leaf Area	Very large 1,989.16 m ²
NDVI	-	-	Leaf Area Index	Medium 5.35

Foliage

Leaf Area Density	Low	0.71 m ² /m ³	Live Crown Ratio	Low 46.87%
Crown Volume	Very large	2,804.51 m ³		

Tree Report of 20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

Benefits

Water management

Avoided Water Runoff	Very high	1.11 m ³ /yr	Evaporation	Very high	19.42 m ³ /yr
Potential Evapotranspiration	Very high	119.87 m ³ /yr	Transpiration	Very high	23 m ³ /yr
Water Intercepted	Very high	19.55 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	2,165.88 kg	CO Removal	Very high	43.4 g/yr
Carbon Sequestration	Very high	152.69 kg/yr	NO ₂ Removal	Very high	171.53 g/yr
Oxygen Production	Very high	403.5 kg/yr	O ₃ Removal	Very high	2,067.46 g/yr
PM _{2.5} Removal	Very high	107.95 g/yr	SO ₂ Removal	Very high	370.1 g/yr

Economical value

Cavat Value Very valuable 25,690.7 £

Tree Report of 20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

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 20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

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

Tree Report of
20637



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.9502661007586255, 101.67610116315404

