

Tree Report of
20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		



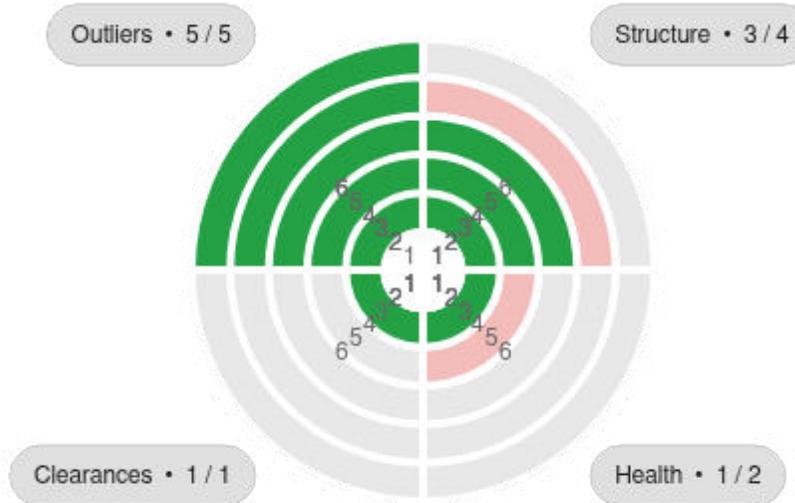
 Static map of tree location



Tree Report of 20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		



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 20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		

Dimensions

Total Height	Very high	19.56 m	Crown Spread	Very large	18.59 m
Trunk Height	Medium	1.99 m	Tree Protection Zone	Very large	9.73 m
DBH	Very large	0.82 m	Root Protection Zone	Very large	14.6 m
Crown Height	Very large	11.6 m	Number Of Stems	Low	1

Tree Report of 20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		

Structural assessment

Stability

Slenderness	Low	24.13	Crown Lean Angle	Very high	19.18 °
Trunk Stability Index		2.15	Trunk Lean Angle	Very high	10.09 °
Critical Wind Speed	100 kmh				

Limbs

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

Tree Report of 20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		

Health and vitality

Condition & Vigor

Dieback	Low	0.84%	Foliage Transparency	34.48%
Basal Area Increment	-	Leaf Area	Very large	918.02 m ²
NDVI	-	Leaf Area Index	Low	4.64

Foliage

Leaf Area Density	Low	0.47 m ² /m ³	Live Crown Ratio	Medium	59.3%
Crown Volume	Very large	1,986.24 m ³			

Tree Report of 20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		

Benefits

Water management

Avoided Water Runoff	Very high	0.74 m ³ /yr	Evaporation	Very high	12.98 m ³ /yr
Potential Evapotranspiration	Very high	80.15 m ³ /yr	Transpiration	Very high	15.38 m ³ /yr
Water Intercepted	Very high	13.07 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	2,303.86 kg	CO Removal	Very high	29.02 g/yr
Carbon Sequestration	Very high	97.05 kg/yr	NO ₂ Removal	Very high	114.69 g/yr
Oxygen Production	Very high	256.44 kg/yr	O ₃ Removal	Very high	1,382.32 g/yr
PM _{2.5} Removal	Very high	72.18 g/yr	SO ₂ Removal	Very high	247.45 g/yr

Economical value

Cavat Value	Very valuable	22,787.98 £
-------------	----------------------------	-------------

Tree Report of
20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		

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
20646



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.950127130531257, 101.67622484036427		

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

Tree Report of
20646



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
27th January, 2026

Address
Jalan P11

Position
2.950127130531257, 101.67622484036427

