

Tree Report of
21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		



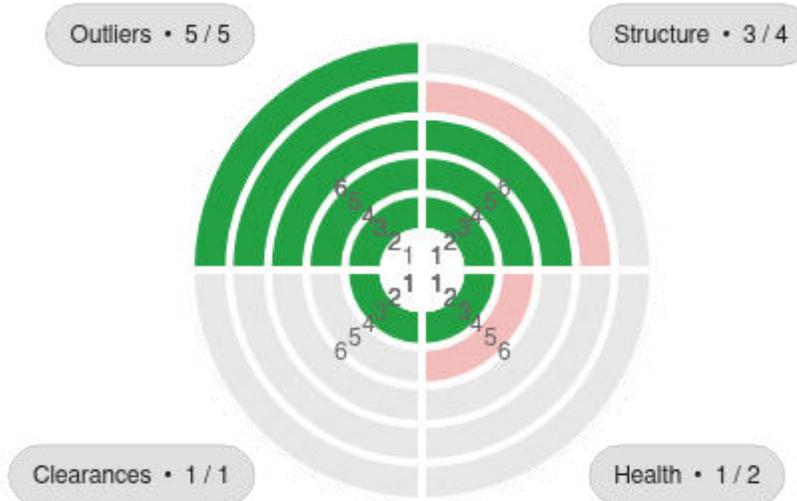
 Static map of tree location



Tree Report of 21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		



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 21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

Dimensions

Total Height	Very high	17.91 m	Crown Spread	Very large	17.32 m
Trunk Height	Very high	3.37 m	Tree Protection Zone	Very large	8.09 m
DBH	Very large	0.68 m	Root Protection Zone	Very large	12.13 m
Crown Height	Very large	14.45 m	Number Of Stems	Low	1

Tree Report of 21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

Structural assessment

Stability

Slenderness	Low	26.58	Crown Lean Angle	Medium	4.27 °
Trunk Stability Index		1.63	Trunk Lean Angle	Very high	19.78 °
Critical Wind Speed	85 kmh				

Limbs

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

Tree Report of 21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

Health and vitality

Condition & Vigor

Dieback	Low	0.27%	Foliage Transparency	24.19%
Basal Area Increment	-	Leaf Area	Very large	1,426.49 m ²
NDVI	-	Leaf Area Index	Medium	6.8

Foliage

Leaf Area Density	Low	0.78 m ² /m ³	Live Crown Ratio	High	80.69%
Crown Volume	Very large	1,829.57 m ³			

Tree Report of 21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

Benefits

Water management

Avoided Water Runoff	Very high	0.64 m ³ /yr	Evaporation	Very high	11.26 m ³ /yr
Potential Evapotranspiration	Very high	69.52 m ³ /yr	Transpiration	Very high	13.34 m ³ /yr
Water Intercepted	Very high	11.34 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	1,160.93 kg	CO Removal	Very high	25.17 g/yr
Carbon Sequestration	Very high	104.59 kg/yr	NO ₂ Removal	Very high	99.47 g/yr
Oxygen Production	Very high	276.38 kg/yr	O ₃ Removal	Very high	1,198.91 g/yr
PM _{2.5} Removal	Very high	62.6 g/yr	SO ₂ Removal	Very high	214.62 g/yr

Economical value

Cavat Value	Very valuable	15,657.02 £
-------------	----------------------------	-------------

Tree Report of
21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

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
21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

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
21015



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.947085016603495, 101.67715153172226		

