

Tree Report of
21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		



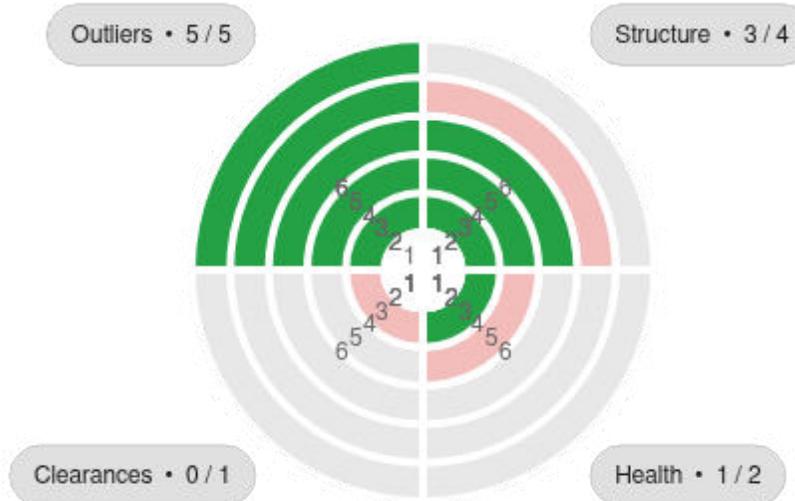
 Static map of tree location



Tree Report of
21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		



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
- ✓ Volume
- ✓ DBH vs Crown Volume

Tree Report of 21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

Dimensions

Total Height	Very high	16.33 m	Crown Spread	Very large	30.03 m
Trunk Height	High	2.7 m	Tree Protection Zone	Very large	10.63 m
DBH	Very large	0.89 m	Root Protection Zone	Very large	15.94 m
Crown Height	Very large	13.13 m	Number Of Stems	Low	1

Tree Report of 21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

Structural assessment

Stability

Slenderness	Low	18.45	Crown Lean Angle	Very high	26.22 °
Trunk Stability Index		2.86	Trunk Lean Angle	Very high	11.53 °
Critical Wind Speed	115 kmh				

Limbs

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

Tree Report of 21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

Health and vitality

Condition & Vigor

Dieback	Low	0.35%	Foliage Transparency	27.66%
Basal Area Increment	-	Leaf Area	Very large	3,480.76 m ²
NDVI	-	Leaf Area Index	Low	5.05

Foliage

Leaf Area Density	Low	0.55 m ² /m ³	Live Crown Ratio	High	80.39%
Crown Volume	Very large	6,400.4 m ³			

Tree Report of 21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

Benefits

Water management

Avoided Water Runoff	Very high	1.52 m ³ /yr	Evaporation	Very high	26.64 m ³ /yr
Potential Evapotranspiration	Very high	164.48 m ³ /yr	Transpiration	Very high	31.55 m ³ /yr
Water Intercepted	Very high	26.82 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	2,331.13 kg	CO Removal	Very high	59.55 g/yr
Carbon Sequestration	Very high	159.77 kg/yr	NO ₂ Removal	Very high	235.37 g/yr
Oxygen Production	Very high	422.2 kg/yr	O ₃ Removal	Very high	2,836.88 g/yr
PM _{2.5} Removal	Very high	148.12 g/yr	SO ₂ Removal	Very high	507.83 g/yr

Economical value

Cavat Value	Very valuable	27,162.06 £
-------------	----------------------------	-------------

Tree Report of
21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

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
21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

Clearances

Building Clearance

 Not available

Road Clearance

 Issue(s) found

↳ Min. height clearance:	3.3 m
Obstruction (height):	0.0 m
Obstruction (volume):	0.5 m ³
Affected crown:	0.2%

Wire Clearance

 Not available

Traffic Sign Clearance

 Not available

Visibility Clearance

 Not available

Tree Report of
21349



Genus Samanea	Species saman	Common Name Hujan-hujan	Date of report 27th January, 2026
Address Jalan P11	Position 2.9547305387730916, 101.67438254695617		

