

Tree Report of
30408



Genus
Samanea

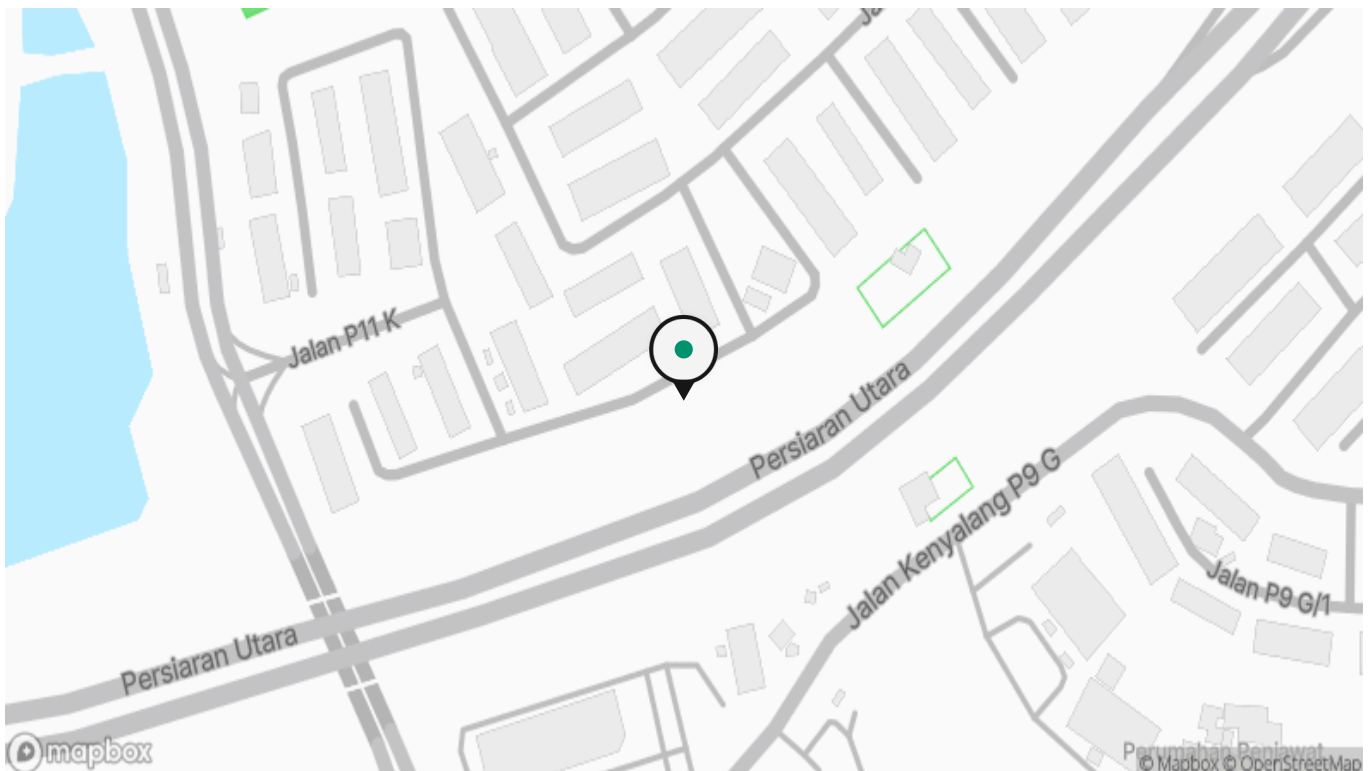
Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066



Tree Report of 30408



Genus
Samanea

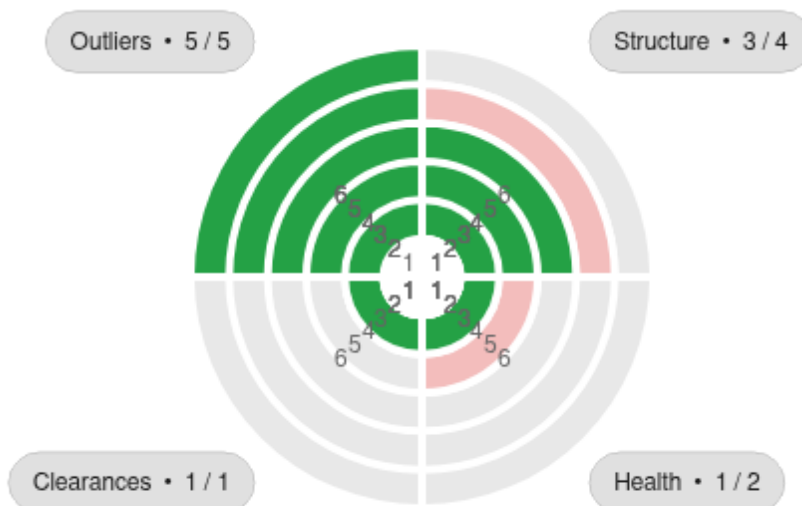
Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066



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 30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

Dimensions

Total Height	Very high	18.43 m	Crown Spread	Very large	22.06 m
Trunk Height	Medium	2.38 m	Tree Protection Zone	Very large	8.67 m
DBH	Very large	0.73 m	Root Protection Zone	Very large	13 m
Crown Height	Very large	10.89 m	Number Of Stems	Low	1

Tree Report of 30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

Structural assessment

Stability

Slenderness	Low	25.53	Crown Lean Angle	High	11.23 °
Trunk Stability Index		1.68	Trunk Lean Angle	High	6.52 °
Critical Wind Speed		85 kmh			

Limbs

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

Tree Report of 30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

Health and vitality

Condition & Vigor

Dieback	Low	2.99%	Foliage Transparency		26.57%
Basal Area Increment		-	Leaf Area	Very large	1,832.74 m ²
NDVI		-	Leaf Area Index	Medium	5.68

Foliage

Leaf Area Density	Low	0.6 m ² /m ³	Live Crown Ratio	Medium	59.12%
Crown Volume	Very large	3,073.03 m ³			

Tree Report of 30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

Benefits

Water management

Avoided Water Runoff	Very high	1.04 m ³ /yr	Evaporation	Very high	18.27 m ³ /yr
Potential Evapotranspiration	Very high	112.82 m ³ /yr	Transpiration	Very high	21.64 m ³ /yr
Water Intercepted	Very high	18.4 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	1,394.2 kg	CO Removal	Very high	40.85 g/yr
Carbon Sequestration	Very high	116.89 kg/yr	NO ₂ Removal	Very high	161.44 g/yr
Oxygen Production	Very high	308.87 kg/yr	O ₃ Removal	Very high	1,945.76 g/yr
PM _{2.5} Removal	Very high	101.59 g/yr	SO ₂ Removal	Very high	348.31 g/yr

Economical value

Cavat Value **ery valuabl** 17,992.93 £

Tree Report of 30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

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
30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

Clearances

Building Clearance

Not available

Road Clearance

No issue

Wire Clearance

Not available

Traffic Sign Clearance

Not available

Visibility Clearance

Not available

Tree Report of
30408



Genus
Samanea

Species
saman

Common Name
Hujan-hujan

Date of report
16th March, 2026

Address
Jalan P11 K/5

Position
2.947559372300603, 101.6790505995066

