

Tree Report of  
**20652**



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		



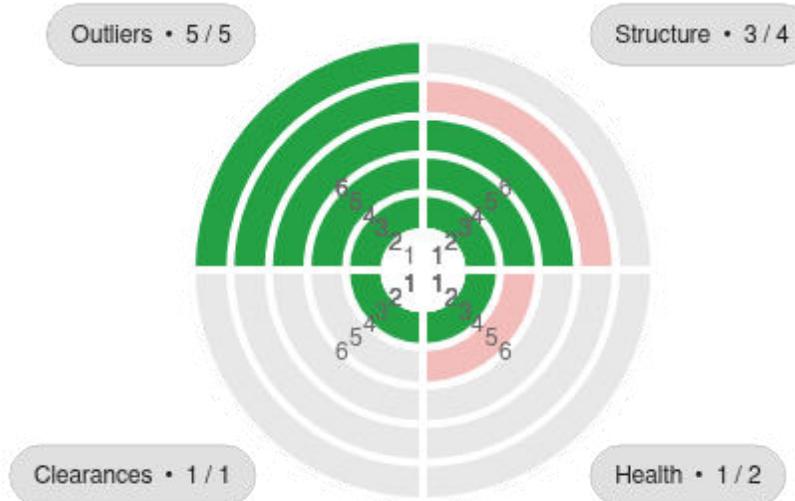
 Static map of tree location



# Tree Report of 20652



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		



## 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 20652



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		

## Dimensions

Total Height	<span>Very high</span>	18.36 m	Crown Spread	<span>Very large</span>	26.79 m
Trunk Height	<span>Medium</span>	2.29 m	Tree Protection Zone	<span>Very large</span>	10.59 m
DBH	<span>Very large</span>	0.89 m	Root Protection Zone	<span>Very large</span>	15.88 m
Crown Height	<span>Large</span>	6.07 m	Number Of Stems	<span>Low</span>	1

# Tree Report of 20652



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		

## Structural assessment

### Stability

Slenderness	Low	20.82	Crown Lean Angle	Low	2.95 °
Trunk Stability Index		2.13	Trunk Lean Angle	High	7.21 °
Critical Wind Speed	100 kmh				

### Limbs

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

# Tree Report of 20652



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		

## Health and vitality

### Condition & Vigor

Dieback	<span>Low</span>	0.28%	Foliage Transparency	20.9%
Basal Area Increment	-	Leaf Area	<span>Very large</span>	2,308.86 m <sup>2</sup>
NDVI	-	Leaf Area Index	<span>Low</span>	4.68

### Foliage

Leaf Area Density	<span>Low</span>	0.54 m <sup>2</sup> /m <sup>3</sup>	Live Crown Ratio	<span>Low</span>	33.05%
Crown Volume	<span>Very large</span>	4,287.66 m <sup>3</sup>			

# Tree Report of 20652



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		

## Benefits

### Water management

Avoided Water Runoff	<span>Very high</span>	1.53 m <sup>3</sup> /yr	Evaporation	<span>Very high</span>	26.95 m <sup>3</sup> /yr
Potential Evapotranspiration	<span>Very high</span>	166.4 m <sup>3</sup> /yr	Transpiration	<span>Very high</span>	31.92 m <sup>3</sup> /yr
Water Intercepted	<span>Very high</span>	27.13 m <sup>3</sup> /yr			

### Ecosystem services

Carbon Storage	<span>Very high</span>	2,296.37 kg	CO Removal	<span>Very high</span>	60.25 g/yr
Carbon Sequestration	<span>Very high</span>	158.22 kg/yr	NO <sub>2</sub> Removal	<span>Very high</span>	238.12 g/yr
Oxygen Production	<span>Very high</span>	418.09 kg/yr	O <sub>3</sub> Removal	<span>Very high</span>	2,870.05 g/yr
PM <sub>2.5</sub> Removal	<span>Very high</span>	149.85 g/yr	SO <sub>2</sub> Removal	<span>Very high</span>	513.77 g/yr

### Economical value

Cavat Value	<span>Very valuable</span>	26,805.88 £
-------------	----------------------------	-------------

Tree Report of  
**20652**



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		

## 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	<span>Low</span> 0
Trunk Diameter / Crown Volume	No		

Tree Report of  
**20652**



Genus <b>Samanea</b>	Species <b>saman</b>	Common Name <b>Hujan-hujan</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan P11</b>	Position <b>2.951256386320381, 101.67511029524627</b>		

## 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  
**20652**



Genus  
**Samanea**

Species  
**saman**

Address  
**Jalan P11**

Position  
**2.951256386320381, 101.67511029524627**

Common Name  
**Hujan-hujan**

Date of report  
**27th January, 2026**

