

Tree Report of 30867



Genus
Khaya

Species
senegalensis


Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415



 Static map of tree location



Tree Report of 30867



Genus
Khaya

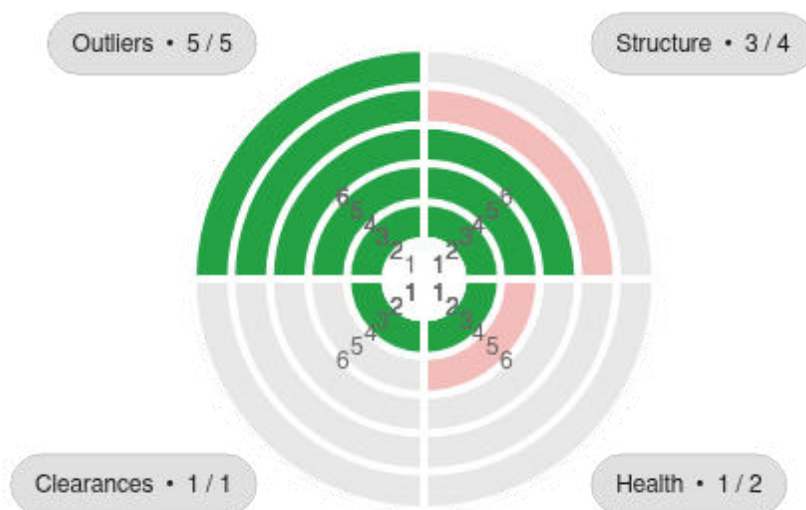
Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415



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 30867



Genus
Khaya

Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415

Dimensions

Total Height	Very high	20.09 m	Crown Spread	Very large	10.53 m
Trunk Height	Very high	3.8 m	Tree Protection Zone	Very large	8.77 m
DBH	Very large	0.74 m	Root Protection Zone	Very large	13.16 m
Crown Height	Very large	16.22 m	Number Of Stems	Low	1

Tree Report of 30867



Genus
Khaya

Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415

Structural assessment

Stability

Slenderness	Low	27.48	Crown Lean Angle	High	9.4 °
Trunk Stability Index		2.05	Trunk Lean Angle	High	5.65 °
Critical Wind Speed		95 kmh			

Limbs

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

Tree Report of 30867



Genus
Khaya

Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415

Health and vitality

Condition & Vigor

Dieback	Low	0%	Foliage Transparency	29.92%
Basal Area Increment	-		Leaf Area	Very large 1,279.31 m ²
NDVI	-		Leaf Area Index	Very high 15.32

Foliage

Leaf Area Density	Medium	1.35 m ² /m ³	Live Crown Ratio	High	80.73%
Crown Volume	Very large	949.21 m ³			

Tree Report of 30867



Genus
Khaya

Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415

Benefits

Water management

Avoided Water Runoff	Very high	0.24 m ³ /yr	Evaporation	Very high	4.17 m ³ /yr
Potential Evapotranspiration	Very high	25.73 m ³ /yr	Transpiration	Very high	4.94 m ³ /yr
Water Intercepted	Very high	4.2 m ³ /yr			

Ecosystem services

Carbon Storage	Very high	2,506.27 kg	CO Removal	Very high	9.32 g/yr
Carbon Sequestration	Very high	207.31 kg/yr	NO ₂ Removal	Very high	36.81 g/yr
Oxygen Production	Very high	547.82 kg/yr	O ₃ Removal	Very high	443.64 g/yr
PM _{2.5} Removal	Very high	23.17 g/yr	SO ₂ Removal	Very high	79.42 g/yr

Economical value

Cavat Value	Very valuable	18,550.7 £
-------------	---------------	------------

Tree Report of 30867



Genus
Khaya

Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415

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 30867



Genus Khaya	Species senegalensis	Common Name Sengal khaya	Date of report 27th January, 2026
Address Jalan P11 K/6	Position 2.9482795571898635, 101.68010018855415		

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 30867



Genus
Khaya

Species
senegalensis

Common Name
Sengal khaya

Date of report
27th January, 2026

Address
Jalan P11 K/6

Position
2.9482795571898635, 101.68010018855415

