

Tree Report of  
**30545**



Genus  
**Peltophorum**

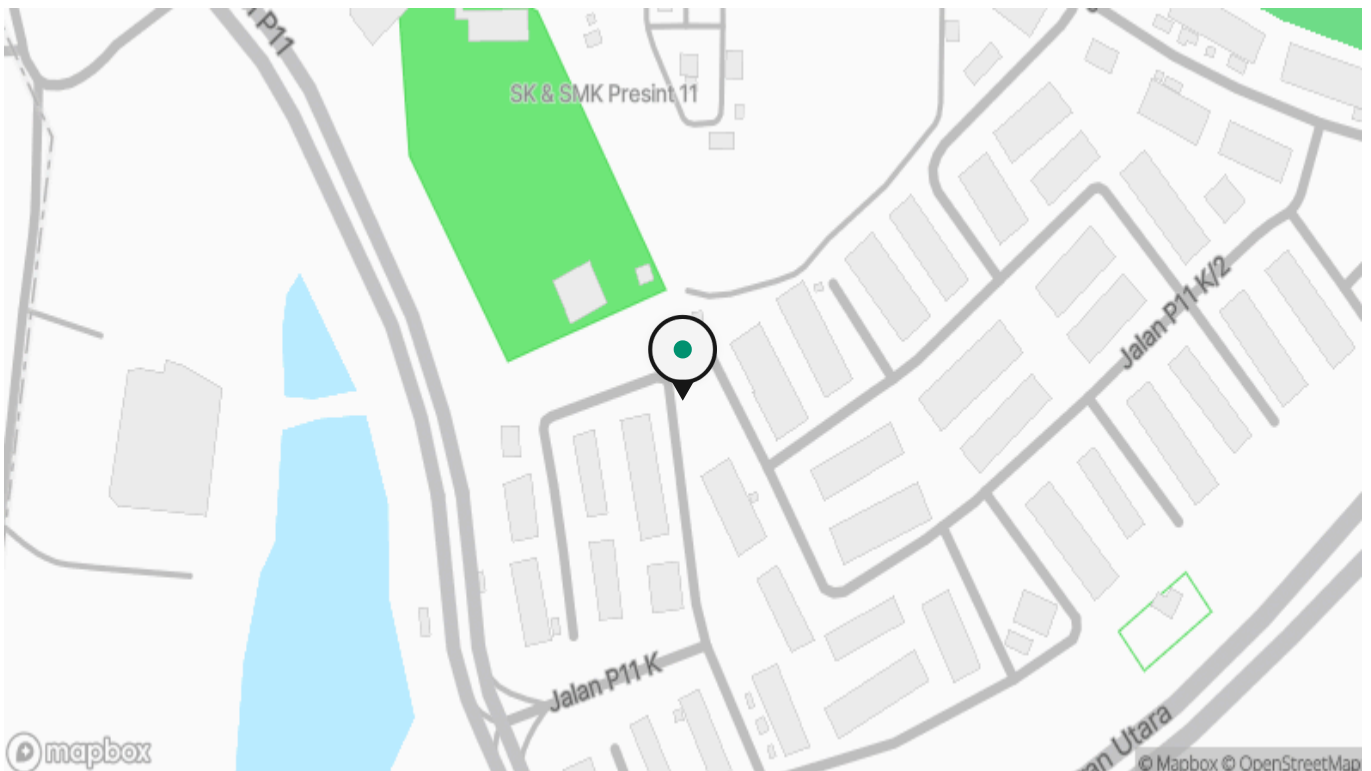
Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**



# Tree Report of 30545



Genus  
**Peltophorum**

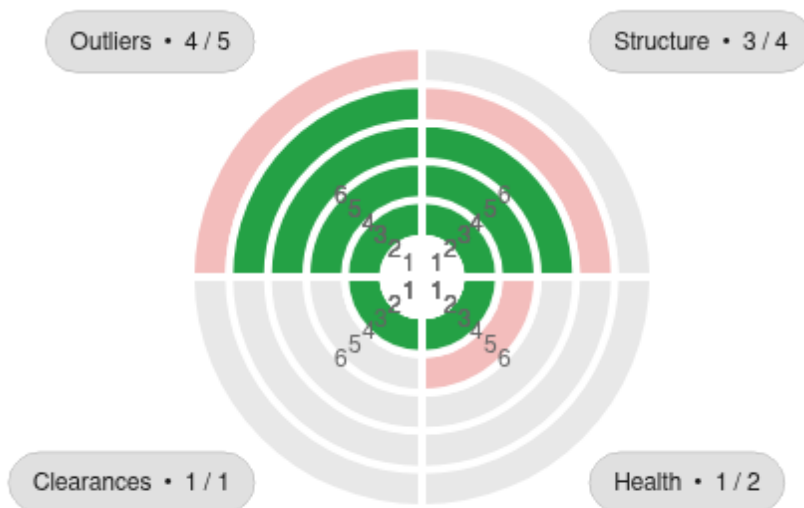
Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**



## 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 30545



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

## Dimensions

Total Height	Very high	25.85 m	Crown Spread	Very large	14.31 m
Trunk Height	Very high	5.05 m	Tree Protection Zone	Very large	5.36 m
DBH	Very large	0.45 m	Root Protection Zone	Very large	8.04 m
Crown Height	Very large	11.87 m	Number Of Stems	Low	1

# Tree Report of 30545



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

## Structural assessment

### Stability

Slenderness	<b>Very high</b>	57.89	Crown Lean Angle	<b>Medium</b>	6.32 °
Trunk Stability Index		0.34	Trunk Lean Angle	<b>Medium</b>	3.62 °
Critical Wind Speed		40 kmh			

### Limbs

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

# Tree Report of 30545



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

## Health and vitality

### Condition & Vigor

Dieback	<b>Low</b>	0.72%	Foliage Transparency	37.98%
Basal Area Increment	-	-	Leaf Area	<b>Very large</b> 740.53 m <sup>2</sup>
NDVI	-	-	Leaf Area Index	<b>Low</b> 4.91

### Foliage

Leaf Area Density	<b>Low</b>	0.7 m <sup>2</sup> /m <sup>3</sup>	Live Crown Ratio	<b>Low</b> 45.93%
Crown Volume	<b>Very large</b>	1,065.55 m <sup>3</sup>		

# Tree Report of 30545



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

## Benefits

### Water management

Avoided Water Runoff	Very high	0.44 m <sup>3</sup> /yr	Evaporation	Very high	7.69 m <sup>3</sup> /yr
Potential Evapotranspiration	Very high	47.46 m <sup>3</sup> /yr	Transpiration	Very high	9.11 m <sup>3</sup> /yr
Water Intercepted	Very high	7.74 m <sup>3</sup> /yr			

### Ecosystem services

Carbon Storage	Very high	454.93 kg	CO Removal	Very high	17.19 g/yr
Carbon Sequestration	Very high	80.86 kg/yr	NO <sub>2</sub> Removal	Very high	67.91 g/yr
Oxygen Production	Very high	213.66 kg/yr	O <sub>3</sub> Removal	Very high	818.47 g/yr
PM <sub>2.5</sub> Removal	Very high	42.74 g/yr	SO <sub>2</sub> Removal	Very high	146.52 g/yr

### Economical value

Cavat Value      Very valuabl      6,869.01 £

# Tree Report of 30545



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

## Outlier information

Height / Crown Volume	No	Trunk Diameter / Height	Yes
Height / Leaf Area	No	Trunk Diameter / Leaf Area	No
Leaf Area Density Outlier	No	Overall Outlier Index	Low 1
Trunk Diameter / Crown Volume	No		

Tree Report of  
**30545**



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

## 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  
**30545**



Genus  
**Peltophorum**

Species  
**pterocarpum**

Common Name  
**Yellow flame**

Date of report  
**1st April, 2026**

Address  
**Jalan P11 K/1**

Position  
**2.9488628319193424, 101.67789272983829**

