

Populus nigra

(Black poplar Lady poplar)

This fast growing tree has a short life (less than 25 years). Prefers full sun but very drought tolerant. The tree has a columnar shape with a deltoid leaf. The flowers are small and not important. The female and male flowers grows on a separate tree. Avoid planting female tree as its produces large amount of seeds all covered with a cotton like hair and will make litter all around.



Plant Image

Landscape Information

Hawr Aswad :**Arabic Name**

Pronunciation: POP-yoo-lus NYE-gruh

Plant Type: Tree

Origin: Europe, Northwest Africa, Central Asia

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9

Hardiness Zones: 3, 4, 5, 6, 7, 8, 9

Uses: Screen, Specimen, Windbreak, Street

Size/Shape

Growth Rate: Fast

Tree Shape: Upright

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 10 to 20 Years

Notes

Not considered to be a good landscape tree. Best used for windbreaks or screens or along roads. Use only the male trees, the female trees are very messy. Plant far from underground utilities as it has a strong root system.

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 5 - 10 cm

Leaf Shape: Deltoid

Leaf Margins: Serrulate

Leaf Textures: Glossy, Medium

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: False

Flower Size Range: 3 - 7

Flower Type: Catkin

Flower Sexuality: Diecious (Monosexual)

Flower Scent: No Fragrance

Flower Color: Red

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Schizocarp

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Black

Seasons: Spring

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Leaf Image

© Photo by Monika Fabian

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: Less than 25

Edible Parts:

Pests: Caterpillars

Plant Propagations: Seed, Cutting, Offset

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Bark Image



Other Image