

Populus alba

(White Poplar)

White poplar is a fast growing deciduous tree reaching 25-35 m height at maturity . Deep green leaves are white underneath. Flowers are emerging in the early spring before leaves appear. Leaf color changes into yellow at spring time. Produces suckers around the base, which spoil its overall beauty. The combination of aggressive rooting and suckers doesn't allow landscapers use the species widely. It's best in windbreaks or for river bank and shore protection This tree also does well in parks, open spaces and greenbelts.Needs lots of water.



Plant Image

Landscape Information

French Name: Peuplier blanc

Arabic Name: حور أبيض

Pronunciation: POP-yoo-lus AL-buh

Plant Type: Tree

Origin: Russia/Siberia, Mediterranean, Turkey

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

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

Uses: Screen, Shade, Windbreak

Size/Shape

Growth Rate: Fast

Tree Shape: oval

Canopy Symmetry: Irregular

Canopy Density: Open

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m, Over 23

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 10 to 20 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Palmate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 5 - 10 cm

Leaf Shape: Star

Leaf Margins: Undulate, Lobate

Leaf Textures: Hairy

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: False

Flower Size Range: 1.5 - 3

Flower Type: Catkin

Flower Sexuality: Diecious (Monosexual)

Flower Scent: No Fragrance

Flower Color: White

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy, Smooth

Fruit

Fruit Type: Capsule

Fruit Showiness: False

Fruit Size Range: 0 - 1.5

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate

Light Requirements: Full, Part

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes

Life Span: 25-50 years

Diseases: Canker

Edible Parts: None

Plant Propagations: Seed, Cutting

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Bark Image



Other Image