

Betula Alba

(European Birch)

White birch is a pyramidal tree when young and becomes more rounded with arching branches at maturity. The plant is high altitude native meaning that cannot resist high heat. The tree is deciduous tree with a white, exfoliating bark and with wonderful yellow fall color. The small greenish flowers appearing in the spring and are quite eye-catching. The plant is tolerates wet and dry, and extreme cold. It is used many times for land reclamation. The plant is susceptible to fatal attacks of bronze birch borer. When grown, needs continues insect control and necessary cultural conditions for best growth.



Plant Image

Landscape Information

French Name: Bouleau verruqueux

Arabic Name: قضبان فضي

Pronunciation: BET-yoo-luh AL-ba

Plant Type: Tree

Origin: Europe

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

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

Uses: Specimen, Shade

Size/Shape

Growth Rate: Fast

Tree Shape: Weeping

Canopy Density: Open

Canopy Texture: Fine

Height at Maturity: 8 to 15 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: 5 to 10 Years

Companion Plants: Lawn.

Notes

Many varieties are available for landscapers including purple leaved (" Atropurpurea") , dwarf (Gracillis") , and extreme weeping ("Youngii") . The tree gives a perfect partial shade for lawn

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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: Ovate

Leaf Margins: Double Serrate

Leaf Textures: Glossy, Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: True

Flower Size Range: 0 - 1.5

Flower Type: Catkin

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Brown

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Papery

Fruit

Fruit Type: Dry

Fruit Showiness: False

Fruit Size Range: 0 - 1.5

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic

Water Requirements: Moderate

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: Less than 25

Edible Parts:

Pests: Aphids, Leaf Miner

Plant Propagations:

MORE IMAGES



Fruit Image



Bark Image



Other Image