

## Betula pendula

### (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

**Pronunciation:** BET-yoo-luh PEND-yoo-luh

**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

## Betula pendula

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Flower Image

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### 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

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#### 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

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#### Trunk

**Trunk Susceptibility to Breakage:** Generally resists breakage

**Number of Trunks:** Single Trunk

**Trunk Esthetic Values:** Papery

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#### Fruit

**Fruit Type:** Dry

**Fruit Showiness:** False

**Fruit Size Range:** 0 - 1.5

**Fruit Colors:** Brown

**Seasons:** Spring

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Leaf Image

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### 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:**

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## MORE IMAGES



Fruit Image



Bark Image



Other Image