

Alnus glutinosa

(Common Alder)

Alnus glutinosa is perfect for wet and difficult sites. The tree is a moderate to fast growing deciduous species for cold regions. It bears a glossy, dark green leaf. The catkin flowers are providing a nice winter , early spring look. When its young it has a pyramidal growth with multiple trunk ideal to use it as a screen. The fruit is attracting wildlife. Common alder grows easily in full sun or partial shade in almost any landscape setting due to nitrogen fixation ability from the soil which enabling these trees to grow in the poorest and wettest soils where other trees might fail.



Plant Image

Landscape Information

French Name: Aulne ou Aune glutineux

Pronunciation: AL-nus gloo-tih-N0-suh

Plant Type: Tree

Origin: Europe, Western Asia

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

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

Uses: Screen, Specimen, Wildlife, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Moderate

Tree Shape: Pyramidal, oval

Canopy Symmetry: Irregular

Canopy Density: Dense

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 20 to 50 Years

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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: Orbiculate
Leaf Margins: Serrulate, Double Serrate
Leaf Textures: Glossy, Medium
Leaf Scent: No Fragrance
Color(growing season): Green
Color(changing season): Brown

Flower

Flower Showiness: False
Flower Size Range: 1.5 - 3
Flower Type: Catkin
Flower Sexuality: Diecious (Monosexual)
Flower Scent: No Fragrance
Flower Color: Brown
Seasons: Spring

Trunk

Number of Trunks: Multi-Trunked, Single Trunk
Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Cones
Fruit Showiness: True
Fruit Size Range: 1.5 - 3
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, Alkaline

Water Requirements: High, Moderate

Light Requirements: Full, Part

Management

Toxicity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Diseases: Powdery Mildew, Canker

Edible Parts: None

Pests: Caterpillars, Leaf Miner

Plant Propagations: Seed, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image