

## 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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(Common Alder)



Flower Image

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**Botanical Description**

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**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

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**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

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**Trunk**

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

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**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

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#### **Tolerance**

**Frost Tolerant:** Yes

**Heat Tolerant:** No

**Drought Tolerant:** No

**Salt Tolerance:** Poor

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#### **Requirements**

**Soil Requirements:** Clay, Loam, Sand

**Soil Ph Requirements:** Acidic, Neutral, Alkaline

**Water Requirements:** High, Moderate

**Light Requirements:** Full, Part

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#### **Management**

**Toxity:** 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

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## MORE IMAGES



Fruit Image



Bark Image



Other Image