

## Castanea sativa

### (Common Chestnut, Spanish Chestnut, Sweet Chestnut)

Common chestnut is a tall, deciduous tree native to Western Asia. It has been cultivated for millenia for the chestnut, its edible nut. It has large, glossy green leaves with toothed edges. In summer, it develops attractive flowers on catkins, which smell unpleasant. The nuts develop in spiny fruits. It does best in full sun and loose soil. Pests are not an issue but it is susceptible to chestnut blight.



Plant Image

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#### Landscape Information

**French Name:** Châtaignier

**Arabic Name:** كستناء

**Pronunciation:** cas-tah-NAY-uh sah-TEE-vuh

**Plant Type:** Tree

**Origin:** Western Asia

**Heat Zones:** 4, 5, 6, 7

**Hardiness Zones:** 5, 6, 7

**Uses:** Specimen, Shade, Edible, Wildlife, Street, Native to Lebanon

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#### Size/Shape

**Growth Rate:** Moderate

**Tree Shape:** Pyramidal, Round

**Canopy Symmetry:** Symmetrical

**Canopy Density:** Medium

**Canopy Texture:** Coarse

**Height at Maturity:** 15 to 23 m, Over 23

**Spread at Maturity:** 8 to 10 meters, 10 to 15 meters, Over 15 meters

**Time to Ultimate Height:** 20 to 50 Years

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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:** 10 - 20

**Leaf Shape:** Oblong

**Leaf Margins:** Spiny, Serrate

**Leaf Textures:** Glossy, Medium

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Yellow

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### Flower

**Flower Showiness:** True

**Flower Size Range:** 10 - 20

**Flower Type:** Catkin

**Flower Sexuality:** Monoecious (Bisexual)

**Flower Scent:** Unpleasant

**Flower Color:** Yellow, White

**Seasons:** Summer

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### Trunk

**Trunk Has Crownshaft:** False

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

**Number of Trunks:** Multi-Trunked, Can be trained to one trunk

**Trunk Esthetic Values:** Not Showy

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### Fruit

**Fruit Type:** Nut

**Fruit Showiness:** True

**Fruit Colors:** Green, Brown

**Seasons:** Summer

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Leaf Image

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### Horticulture Management

#### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** No

**Drought Tolerant:** Yes

**Salt Tolerance:** Moderate

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#### Requirements

**Soil Requirements:** Loam, Sand

**Soil Ph Requirements:** Acidic, Neutral

**Water Requirements:** Moderate

**Light Requirements:** Full, Part

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#### Management

**Toxicity:** No

**Invasive Potential:** No

**Susceptibility to Pests and Diseases:** No

**Pruning Requirement:** Little needed, to develop a strong structure

**Fruit/ Leaves/ Flowers litter:** Yes

**Life Span:** More than 50

**Diseases:** Leaf Spots, Canker, Blights

**Edible Parts:** Seeds

**Plant Propagations:** Seed, Grafting

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## MORE IMAGES



Fruit Image



Bark Image



Other Image