

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

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

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

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

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

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

Fruit

Fruit Type: Nut

Fruit Showiness: True

Fruit Colors: Green, Brown

Seasons: Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate

Light Requirements: Full, Part

Management

Toxity: 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

MORE IMAGES



Fruit Image



Bark Image



Other Image