

Castanea mollissima

(Chinese chestnut)

A very striking tree. The odor given off by the flowers for a short period may be considered offensive to some people. The nuts are edible but not as sweet as the American Chestnut. The soft, spiny nut could become a hazard on sidewalks, so locate them accordingly. In cold climates the growing season may not be long enough for the nuts to mature.



Plant Image

Landscape Information

French Name: Châtaignier De Chine

Arabic Name: كستناء صينية

Pronunciation: kass-TAY-nee-uh maw-LISS-sim-uh

Plant Type: Tree

Origin: China, Korea

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8

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

Uses: Screen, Specimen, Shade, Pollution Tolerant / Urban, Facade

Size/Shape

Growth Rate: Moderate

Tree Shape: Round

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m

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

Time to Ultimate Height: More than 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: Serrulate

Leaf Textures: Leathery

Leaf Scent: Unpleasant

Color(growing season): Yellow

Color(changing season): Green

Flower

Flower Color: 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: Showy

Fruit

Fruit Type: Nut

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Green

Seasons: Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: High, Moderate

Light Requirements: Full, Part

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Life Span: More than 50

Diseases: Antracnose, Fungus

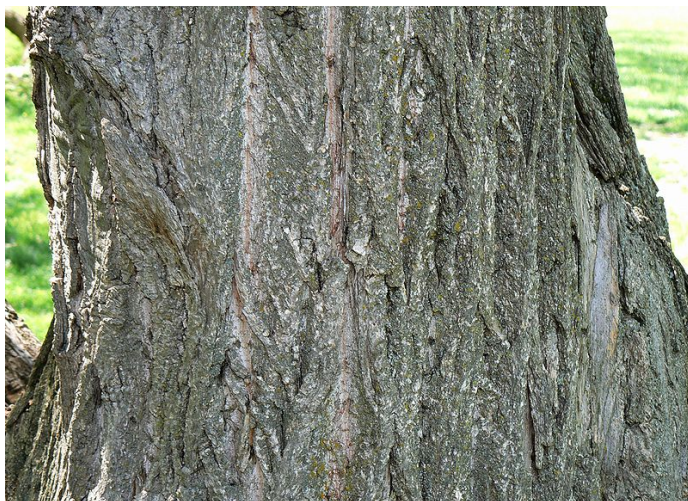
Edible Parts: Fruit

Plant Propagations: Seed

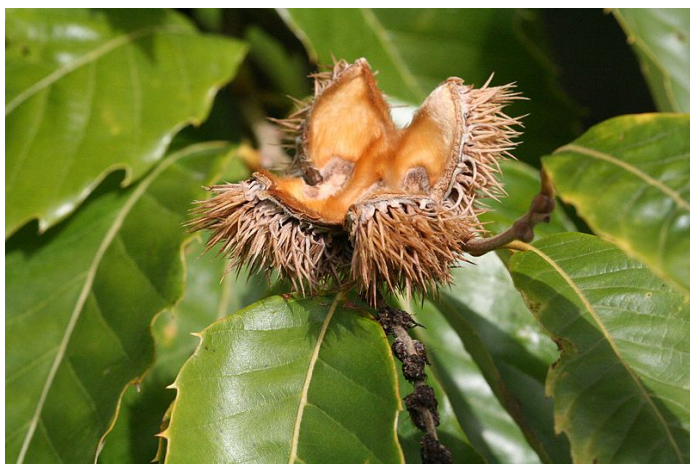
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Fruit Image



Bark Image



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