

Ceratonia siliqua

(Carob tree, Locust tree)

Ceratonia siliqua is a native small to large tree with shiny, almost round, leathery pairs of leaflets. The flowers, which are without petals, occur on the trunk and thick branches of the tree. The thick, flat pods, which are around 10 cm long are edible and the "debbis kharub", a chocolate-like substance is made out of it.



© Photo by Sarah Meouche

Plant Image

Landscape Information

French Name: Le caroubier

Arabic Name: خَرْوَب

Pronunciation: ser-ah-TOH-nee-uh SIL-ly-kwah

Plant Type: Tree

Origin: Eastern Mediterranean Region

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

Hardiness Zones: 9, 10

Uses: Hedge, Shade, Windbreak, Edible, Wildlife, Native to Lebanon

Size/Shape

Growth Rate: Moderate

Tree Shape: Round

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m

Spread at Maturity: 5 to 8 meters

Time to Ultimate Height: 10 to 20 Years

Notes

Aggressive roots may destroy pavements. Litter issue: Dry fruit

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Evergreen

Leaf Type: Even Pinnately compound

Leaf Blade: 10 - 20

Leaf Shape: Ovate

Leaf Margins: Entire

Leaf Textures: Glossy

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Size Range: 0 - 1.5

Flower Type: Catkin

Flower Sexuality: Diecious (Monosexual)

Flower Scent: No Fragrance

Flower Color: Red

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Legume

Fruit Showiness: True

Fruit Size Range: 10 - 20

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

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

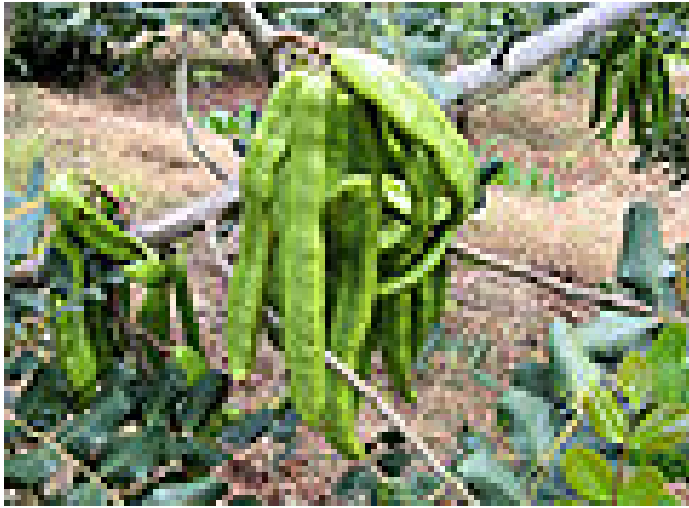
Surface Rooting: Yes

Life Span: More than 50

Edible Parts: Fruit

Plant Propagations: Seed, Cutting, Layering, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image