Ceratonia siliqua

(Carob tree, Locust tree)

One hundred fifty years ago carob was so abundant on the lower hills of Lebanon that a whole region was named after it, Iklim Al Kharroub. The carob tree is valuable; it can grow in poor soils, fixes nitrogen, resists drought, and regenerates itself after fires and grazing. The carob pod is valuable; its pulp is high in fiber and protein and is used as a cocoa powder substitute. The carob seed is valuable; it contains a gum, that is used in ice cream making as a natural stabilizer and emulsifier.



Plant Image

Landscape Information

French Name: Le caroubier

Arabic Name: خرّوب

Pronounciation: 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 Persistance: Evergreen
Leaf Type: Even Pinnately compound
Leaf Blade: 10 - 20
Leaf Shape: Ovate
Leaf Margins: Entire
Leaf Textures: Glossy
Leaf Scent: No Fragance
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 Fragance
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

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

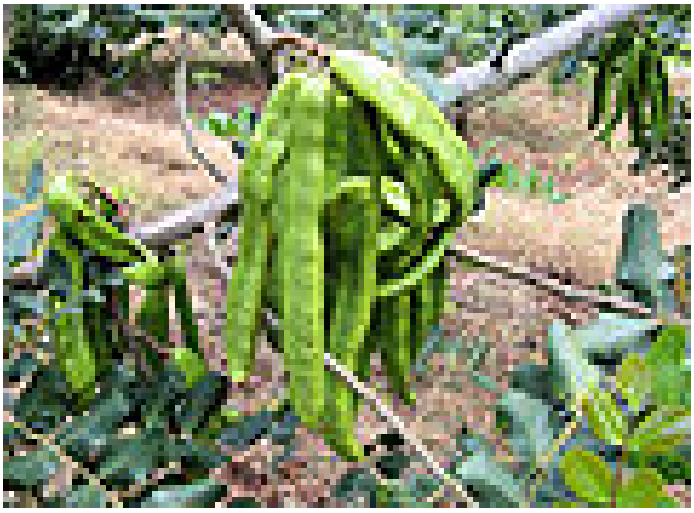
Surface Rooting: Yes

Life Span: More than 50

Edible Parts: Fruit

Plant Propagations: Seed, Cutting, Layering, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image