

Quercus suber

(Cork Oak)

Cork oak is a medium size evergreen oak. It got its name from the cork production as it is produced from the bark of the tree. Trees are commercially grown in plantations in several European and African countries, most notably in Portugal and being harvested/ stripped when they reached 30-40 yeas. Other than the commercial value the tree is very attractive as an ornamental. It has a leather toothed shine leaves and thick deeply fissured corky bark. At fall it produces acorns. Can be used in urban condition as a specimens. Avoid using it as a street trees due to the surface rooting potential.



Plant Image

Landscape Information

French Name: Chêne liège

Pronunciation: KWER-kus SOO-ber

Plant Type: Tree

Origin: Southern Europe, Mediterranean, Northern Africa

Heat Zones: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Hardiness Zones: 7, 8, 9

Uses: Specimen, Shade, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Fast

Tree Shape: Spreading, Upright

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Fine

Height at Maturity: 15 to 23 m

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 20 to 50 Years

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Leaf Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: 5 - 10 cm

Leaf Shape: Obovate

Leaf Margins: Serrulate

Leaf Textures: Leathery, Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Size Range: 3 - 7

Flower Type: Catkin

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy, Rough Texture, Fissured

Fruit

Fruit Type: Acorn

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown

Seasons: Spring

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Fruit Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

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: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: Yes

Life Span: More than 50

Diseases: Powdery Mildew, Leaf Spots, Blights, Wilts, Root rot, Antracnose

Edible Parts: None

Pests: Caterpillars, Scales, Leaf Miner, Borers

Plant Propagations: Seed, Cutting

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Bark Image



Other Image