

## 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

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## 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

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### 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

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### Trunk

**Trunk Has Crownshaft:** False

**Trunk Susceptibility to Breakage:** Generally resists breakage

**Number of Trunks:** Single Trunk

**Trunk Esthetic Values:** Showy, Rough Texture, Fissured

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### 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

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#### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** Yes

**Drought Tolerant:** Yes

**Salt Tolerance:** Good

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#### Requirements

**Soil Requirements:** Clay, Loam, Sand

**Soil Ph Requirements:** Acidic, Neutral, Alkaline

**Water Requirements:** Low

**Light Requirements:** Full, Part

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#### 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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## MORE IMAGES



Bark Image



Other Image