

## Quercus ilex

### (Evergreen Oak, Holly Oak, Holm Oak)

Shade tree native to the Mediterranean regions of southern Europe (Spain to Greece). Deep green leaves with furry undersides resembling holly leaves and having small spines on the leaf edges. The acorns are oval to rounded in shape and are edible although bitter. This species of oak has been noted to be favorable for the production of truffles under its branches. Grow holly oak in full to partial sun in any fertile, deep soil that has good drainage. It tolerates drought, heat, saltspray. It makes a park, shade or street tree. This oak species is susceptible to the sudden oak death disease.



Plant Image

#### Landscape Information

**French Name:** Chêne vert

**Arabic Name:** سنديان أخضر

**Pronunciation:** KWER-kus EYE-leks

**Plant Type:** Tree

**Origin:** Southern Europe, Mediterranean, Northern Africa

**Heat Zones:** 2, 3, 4, 5, 6, 7, 8, 9

**Hardiness Zones:** 4, 5, 6, 7, 8, 9

**Uses:** Screen, Hedge, Specimen, Sports Field, Shade, Windbreak, Street

#### Size/Shape

**Growth Rate:** Moderate

**Tree Shape:** Round

**Canopy Symmetry:** Symmetrical

**Canopy Density:** Dense

**Canopy Texture:** Coarse

**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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Flower Image

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### Botanical Description

#### Foliage

**Leaf Arrangement:** Alternate

**Leaf Venation:** Pinnate

**Leaf Persistence:** Evergreen

**Leaf Type:** Simple

**Leaf Blade:** Less than 5

**Leaf Shape:** Oval

**Leaf Margins:** Incised

**Leaf Textures:** Glossy, Coarse

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Green

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#### Flower

**Flower Showiness:** False

**Flower Size Range:** 0 - 1.5

**Flower Sexuality:** Monoecious (Bisexual)

**Flower Scent:** No Fragrance

**Flower Color:** Yellow, Red

**Seasons:** Spring, Summer

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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, Smooth

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#### Fruit

**Fruit Type:** Acorn

**Fruit Showiness:** True

**Fruit Size Range:** 1.5 - 3

**Fruit Colors:** Brown, Grey

**Seasons:** Spring, Summer

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Leaf Image

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### Horticulture Management

#### 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:** Moderate

**Light Requirements:** Full, Part

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#### Management

**Toxity:** No

**Invasive Potential:** No

**Susceptibility to Pests and Diseases:** Yes

**Pruning Requirement:** No pruning at all

**Fruit/ Leaves/ Flowers litter:** Yes

**Surface Rooting:** No

**Life Span:** More than 50

**Diseases:** Powdery Mildew

**Edible Parts:** Fruit

**Pests:** Mites

**Plant Propagations:** Seed

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## MORE IMAGES



Fruit Image



Bark Image



Other Image