

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

Quercus ilex

(Evergreen Oak, Holly Oak, Holm Oak)



Flower Image

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

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

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy, Smooth

Fruit

Fruit Type: Acorn

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown, Grey

Seasons: Spring, Summer

Quercus ilex

(Evergreen Oak, Holly Oak, Holm Oak)



Leaf 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: Moderate

Light Requirements: Full, Part

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

MORE IMAGES



Fruit Image



Bark Image



Other Image