

## Quercus coccifera ssp. calliprinos

### (Kermes Oak, Palestine Oak)

“The Palestine Oak is the most widespread Oak species in Lebanon; it is slow-growing and covers all the seafacing coastal slopes of Lebanon from the south to the north of the country. The tree forms dense woodlands that are sometimes impenetrable and act as a refuge to what is left of the Lebanese wildlife. The tree produces small, insignificant-looking flowers that are nevertheless extremely important as major grazing grounds for bees. The Palestine Oak is normally found as a small, multistemmed tree reaching at most 4 meters in height, but more typically is only 2 meters high. The tree is easy to differentiate by the fact that it is evergreen and its leaves have irregular, spiny edges. The acorn is egg-shaped and reaches around 2 centimeters in length.”\*

\* Trees of Lebanon, 2014, Salma Nashabe Talhouk, Mariana M. Yazbek, Khaled Sleem, Arbi J. Sarkissian, Mohammad S. Al-Zein, and Sakra Abo Eid



Plant Image

#### Landscape Information

**French Name:** Chêne kermès

**Arabic Name:** سنديان قرمزي

**Plant Type:** Tree

**Origin:** Mediterranean

**Heat Zones:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

**Hardiness Zones:** 6, 7, 8, 9, 10

**Uses:** Specimen, Wildlife, Erosion control, Native to Lebanon

#### Size/Shape

**Growth Rate:** Slow

**Tree Shape:** Spreading

**Canopy Symmetry:** Irregular

**Canopy Density:** Dense

**Canopy Texture:** Medium

**Height at Maturity:** 3 to 5 m

**Spread at Maturity:** 3 to 5 meters

**Time to Ultimate Height:** 20 to 50 Years

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Flower Image

### Botanical Description

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#### Foliage

**Leaf Arrangement:** Alternate

**Leaf Venation:** Pinnate

**Leaf Persistence:** Evergreen

**Leaf Type:** Simple

**Leaf Blade:** Less than 5

**Leaf Shape:** Oval

**Leaf Margins:** Dentate, Pectinate, Spiny

**Leaf Textures:** Waxy

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Green

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#### Flower

**Flower Showiness:** False

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#### Trunk

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

**Number of Trunks:** Multi-Trunked

**Trunk Esthetic Values:** Not Showy

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#### Fruit

**Fruit Type:** Acorn

**Fruit Showiness:** True

**Fruit Size Range:** 1.5 - 3

**Fruit Colors:** Brown

**Seasons:** Summer, Fall

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Leaf Image

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### Horticulture Management

#### Tolerance

**Frost Tolerant:** Yes

**Heat Tolerant:** Yes

**Drought Tolerant:** Yes

**Salt Tolerance:** Moderate

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#### Requirements

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

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

**Water Requirements:** Low

**Light Requirements:** Full

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#### Management

**Toxity:** No

**Invasive Potential:** No

**Pruning Requirement:** No pruning at all

**Fruit/ Leaves/ Flowers litter:** No

**Surface Rooting:** No

**Life Span:** More than 50

**Edible Parts:** None

**Plant Propagations:** Seed

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## MORE IMAGES



Fruit Image