

Quercus infectoria

(Aleppo Oak, Gall Oak)

Quercus infectoria is a semi-evergreen small tree, retaining its leaves very late into winter.

The Gall Oak occurs mostly as scattered individual trees, mixed with other oaks and pines, all over Lebanon and at altitudes up to 1200 meters. It is rarely found as a pure stand. It has often been noted that the Gall Oak is among the first trees to re-appear in a heavily disturbed soil. The Aleppo Oak produces round, tumor-like galls on the leaves. Historical accounts indicate that galls were collected and used to manufacture ink for writing. The galls collected from Oak trees in Aleppo were deemed to be of better quality than those collected from Europe

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
Plant Type: Tree
Origin: Irak, Kurdistan, Turkey, Lebanon
Heat Zones: 5, 6, 7, 8, 9
Hardiness Zones: 6, 7, 8, 9
Uses: Specimen, Wildlife, Native to Lebanon
Size/Shape
Growth Rate: Slow
Tree Shape: Round
Canopy Symmetry: Irregular
Canopy Density: Medium
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

## Quercus infectoria

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Flower Image

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### Botanical Description

#### Foliage

**Leaf Arrangement:** Alternate

**Leaf Venation:** Pinnate

**Leaf Persistence:** Semi Evergreen

**Leaf Type:** Simple

**Leaf Blade:** 5 - 10 cm

**Leaf Shape:** Oblong

**Leaf Margins:** Dentate, Crenate

**Leaf Textures:** Leathery

**Leaf Scent:** No Fragrance

**Color(growing season):** Green

**Color(changing season):** Yellow

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#### Flower

**Flower Showiness:** False

**Flower Size Range:** 0 - 1.5

**Flower Type:** Raceme

**Flower Sexuality:** Monoecious (Bisexual)

**Flower Scent:** No Fragrance

**Flower Color:** Green

**Seasons:** Spring

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#### Trunk

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

**Number of Trunks:** Multi-Trunked, Can be trained to one trunk

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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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Other Image

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### Horticulture Management

#### Tolerance

**Frost Tolerant:** No

**Heat Tolerant:** No

**Drought Tolerant:** Yes

**Salt Tolerance:** Poor

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#### Requirements

**Soil Requirements:** Clay

**Soil Ph Requirements:** Neutral, Alkaline

**Water Requirements:** Moderate, Low

**Light Requirements:** Full

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#### Management

**Toxity:** No

**Invasive Potential:** Yes

**Susceptibility to Pests and Diseases:** Yes

**Pruning Requirement:** Needed, to develop a strong structure

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

**Surface Rooting:** No

**Life Span:** More than 50

**Edible Parts:**

**Plant Propagations:** Seed

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