Quercus infectoria

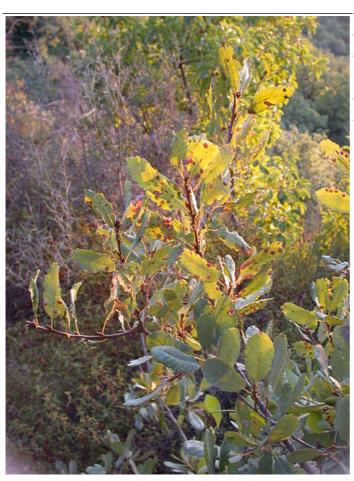
(Aleppo Oak, Gall Oak)

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

vinter.

"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



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

Plant Image

Quercus infectoria

(Aleppo Oak, Gall Oak)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistance: Semi Evergreen

Leaf Type: Simple Leaf Blade: 5 - 10 cm Leaf Shape: Oblong

Leaf Margins: Dentate, Crenate

Leaf Textures: Leathery
Leaf Scent: No Fragance
Color(growing season): G

Color(growing season): Green Color(changing season): Yellow

Flower

Flower Showiness: False Flower Size Range: 0 - 1.5 Flower Type: Raceme

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragance

Flower Color: Green Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Generally

resists breakage

Number of Trunks: Multi-Trunked, Can be

trained to one trunk

Fruit

Fruit Type: Acorn
Fruit Showiness: True
Fruit Size Range: 1.5 - 3
Fruit Colors: Brown

Seasons: Spring

Quercus infectoria

(Aleppo Oak, Gall Oak)



Other Image

Horticulture Management

Tolerance

Frost Tolerant: No Heat Tolerant: No Drought Tolerant: Yes Salt Tolerance: Poor

Requirements

Soil Requirements: Clay

Soil Ph Requirements: Neutral, Alkaline **Water Requirements:** Moderate, Low

Light Requirements: Full

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