

Quercus coccinea

(scarlet oak)

Scarlet oak got its name from the fall coloring. This tall and deciduous tree is native to the United States. When young the canopy is more pyramidal but later on it turn to be open and rounded. Its one of the fastest growing oak species. The deeply lobed leaves turn bright red in the fall and the acorns are eaten by wildlife. It preferes full sun and well drained soil.



Plant Image

Landscape Information

French Name: Chêne

Arabic Name: سنديان شاك الورق

Pronunciation: KWERK-us kock-SIN-ee-uh

Plant Type: Tree

Origin: North america

Heat Zones: 4, 5, 6, 7, 8, 9

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

Uses: Specimen, Shade, Wildlife

Size/Shape

Growth Rate: Fast

Tree Shape: oval

Canopy Symmetry: Irregular

Canopy Density: Medium

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

Notes

In the landscape, scarlet oak is best grown as a shade tree for naturalistic landscapes, parks or large gardens.

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Oval

Leaf Margins: Parted

Leaf Textures: Glossy

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Red

Flower

Flower Showiness: False

Flower Size Range: 1.5 - 3

Flower Type: Spike

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow, Brown

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Fissured

Fruit

Fruit Type: Acorn

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate, Low

Light Requirements: Full, Part

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Edible Parts:

Pests: Caterpillars, Scales, Aphids, Leaf Miner

Plant Propagations: Seed

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Bark Image



Other Image