

Quercus rubra

(Northern Red Oak)

Quercus rubra is commonly known as red oak, which has a rapid growth rate that reaches a height of 20m and may spread to about 18m when open-grown. This plant is native to North America and it may reach a height of 27m. Long, light grey longitudinal branches and upper trunk may be used to describe this plant. Acorns (fruit) of the red oak are small and can easily be removed. This plant demonstrates a wonderful dark red foliage in fall.



Plant Image

Landscape Information

French Name: Chêne rouge

Arabic Name: بلوط أحمر

Pronunciation: KWERK-us ROO-bruh

Plant Type: Tree

Origin: North America

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

Hardiness Zones: 3, 4, 5, 6, 7, 8, 9

Uses: Shade, Street, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Fast

Tree Shape: Round, oval

Canopy Symmetry: Symmetrical

Canopy Density: Dense

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m

Spread at Maturity: Over 15 meters

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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: Oblong

Leaf Margins: Lobate, Parted

Leaf Textures: Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Red

Flower

Flower Showiness: False

Flower Size Range: 0 - 1.5

Flower Type: Catkin

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Brown

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Acorn

Fruit Showiness: False

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: High

Light Requirements: Full

Management

Toxicity: Yes

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: Yes

Life Span: More than 50

Diseases: Powdery Mildew, Leaf Spots, Canker, Wilts, Root rot, Anthracnose, Fungus

Edible Parts: None

Pests: Caterpillars, Scales, Aphids, Leaf Miner, Borers, Lace bug

Plant Propagations: Seed, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image