

Juglans regia

(English Walnut)

Walnut is originated from Europe and Asia. Large tree with a pinnate leaves with a very distinguish smell. Mature trees have deeply furrowed, gray bark. The flowers are very small appearing in the spring. The nuts appearing in early fall. They are heavy, round, and surrounded by a greenish yellow husk that matures to brown. Walnut tree needs a minimum of 500 chilling ours but it differs among varieties. walnut will grow in full sun and loamy soil that is deep and fertile. It became a large tree when it matures.



Plant Image

Landscape Information

French Name: Noyer commun

Arabic Name: جوز شائع

Pronunciation: JUG-lens REH-gee-uh

Plant Type: Tree

Origin: Europe, Asia

Heat Zones: 1, 2, 3, 4, 5, 6, 7

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

Uses: Specimen, Shade, Edible

Size/Shape

Growth Rate: Moderate

Tree Shape:

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Fine

Height at Maturity: 15 to 23 m

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 20 to 50 Years

Notes

Walnut will affect the growth of plants underneath. The exudes from all parts of the tree (roots, leaf) will block the growth of any plants underneath and around the tree.

Juglans regia

(English Walnut)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Odd Pinnately compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Oval

Leaf Margins: Entire

Leaf Textures: Medium, Coarse

Leaf Scent: Pleasant

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: False

Flower Color: Green

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy

Fruit

Fruit Type: Nut

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Green, Brown

Seasons: Fall

Juglans regia

(English Walnut)



Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Low

Light Requirements: Full, Part

Management

Toxity: Yes

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes

Life Span: More than 50

Diseases: Canker, Blights, Root rot

Edible Parts: Seeds

Pests: Mites, Caterpillars, Scales, Aphids

Plant Propagations: Cutting, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image