

Juglans nigra

(Black nut)

Black walnut is a large deciduous tree can grow 20-25 m in height. The odd-pinnate compound are strongly aromatic when crushed. The flowers are monoecious ,female and male flowers are separated . Female flowers produces edible nuts in the fall. Prefers moist, organically rich, well-drained soils in full sun.The young trees will start producing nuts after 4-6 years.



Plant Image

Landscape Information

French Name: Noyer noir

Arabic Name: سیاہ گردوی

Pronunciation: JOO-glanz NYE-gruh

Plant Type: Tree

Origin: North America

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

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

Uses: Specimen, Shade, Edible

Size/Shape

Growth Rate: Moderate

Tree Shape: Round

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: Over 23

Spread at Maturity: Over 15 meters

Time to Ultimate Height: 20 to 50 Years

Notes

Large deciduous tree for large landscapes.
Inappropriate as a street tree

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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: Oblong

Leaf Margins: Serrate

Leaf Textures: Coarse

Leaf Scent: Unpleasant

Color(growing season): Green

Color(changing season): Yellow, Brown

Flower

Flower Showiness: False

Flower Size Range: 3 - 7

Flower Type: Catkin

Flower Sexuality: Diecious (Monosexual)

Flower Scent: No Fragrance

Flower Color: Yellow

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Fissured

Fruit

Fruit Type: Nut

Fruit Showiness: True

Fruit Size Range: 3 - 7

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, Alkaline

Water Requirements: Moderate

Light Requirements: Part

Management

Toxicity: Yes

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Diseases: Powdery Mildew, Leaf Spots, Canker, Antracnose

Edible Parts: Fruit

Pests: Mites, Caterpillars, Scales, Aphids

Plant Propagations: Seed, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image