

Carya illinoensis

(Pecan, Papershell Pecan)

Though primarily known for its sweet pecans, this large deciduous tree from eastern and southern North America and Mexico also has ornamental virtues. It is a tall, beautiful tree with attractive compound leaves, a tall straight trunk and furrowed, gray-brown to brown-black bark. Many cultivars have been selected for flavor, hardiness, earliness of ripening, and other characteristics.

Trees generally take from 15 to 20-years before they are fruit-bearing. Harvest takes place very late in the fall season, and the larger the tree the more prolific its nut production. Pecans have smooth, woody, oblong shells that are sandy brown in color. When cracked they bear oblong, ribbed nutmeats that are sweet and flavorful. These taste best when lightly toasted.

Pecan is a bottomland tree and likes full to part sun and moist, rich, slightly acidic soil with average drainage. Transplanting can be difficult because of its long taproot. Plant both an early-pollen (type 1) and a late-pollen (type 2) cultivar for highest yield. Use as a crop or shade tree.



Plant Image

Landscape Information	
French Name:	Noix de Pécan
Arabic Name:	جوز البقان
Pronunciation:	KAIR-yuh il-ih-no-in-EN-sis
Plant Type:	Tree
Origin:	United States, Mexico
Heat Zones:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Hardiness Zones:	5, 6, 7, 8, 9, 10
Uses:	Specimen, Shade, Edible
Size/Shape	
Growth Rate:	Moderate
Tree Shape:	Spreading
Canopy Symmetry:	Irregular
Canopy Density:	Dense
Canopy Texture:	Medium
Height at Maturity:	Over 23
Spread at Maturity:	Over 15 meters
Time to Ultimate Height:	10 to 20 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Even Pinnately compound

Leaf Blade: 30 - 50

Leaf Shape: Lanceolate

Leaf Margins: Serrate

Leaf Textures: Medium

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: True

Flower Size Range: 1.5 - 3

Flower Type: Spike

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Green, Yellow

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

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: Summer, Fall

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Leaf Image

Horticulture Management

Requirements

Soil Requirements: Loam

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Diseases: Scab

Edible Parts: Fruit

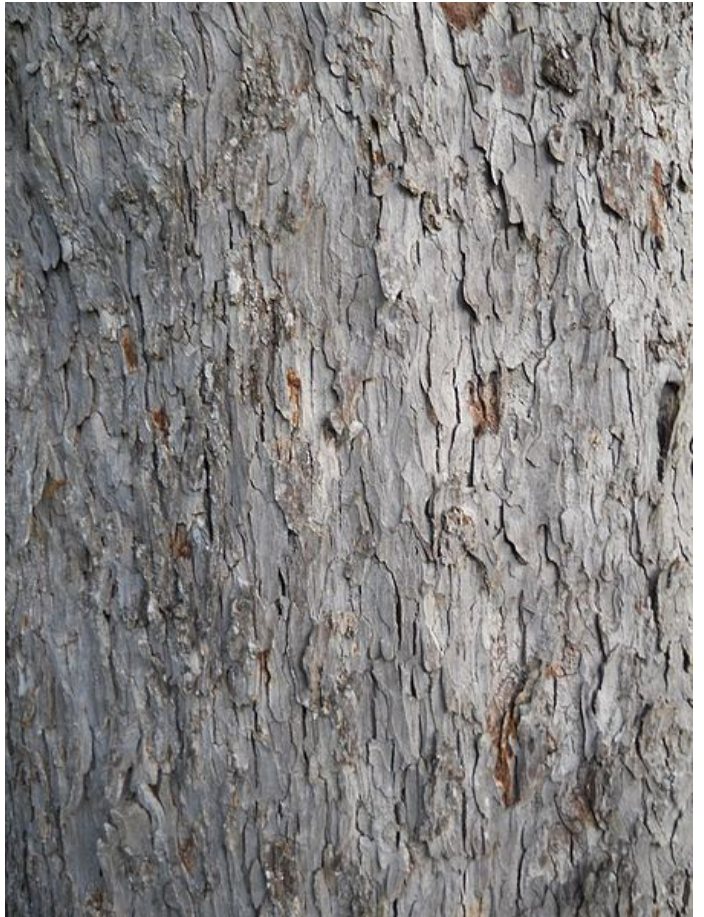
Pests: Aphids

Plant Propagations: Seed, Cutting, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image