

Fraxinus americana

(white ash)

White ash (*Fraxinus americana*), also called Biltmore ash or Biltmore white ash, is the most common and useful native ash but is never a dominant species in the forest. It grows best on rich, moist, well-drained soils to medium size.

Because white ash wood is tough, strong, and highly resistant to shock, it is particularly sought for handles, oars, and baseball bats. The seeds are used by many birds and can be produced in countless numbers. The tree grows rapidly and is almost pyramidal when young, but gradually slows down and develops a more spreading round or oval shape.



Plant Image

Landscape Information

French Name: Frêne blanc

Arabic Name: مران أمريكي

Pronunciation: FRACK-sih-nus uh-mair-ih-KAY-nuh

Plant Type: Tree

Origin: Mexico, Central America

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Hardiness Zones: 4, 5, 6, 7, 8, 9, 10

Uses: Screen, Mass Planting, Shade, Street

Size/Shape

Growth Rate: Fast

Tree Shape: Pyramidal, Round, oval, Upright

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m, Over 23

Spread at Maturity: 8 to 10 meters, 10 to 15 meters

Time to Ultimate Height: 20 to 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Odd Pinnately compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Ovate

Leaf Margins: Entire, Serrulate

Leaf Textures: Glossy, Medium

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow, Purple

Flower

Flower Showiness: False

Flower Sexuality: Diecious (Monosexual)

Flower Scent: No Fragrance

Flower Color: Green, Purple

Seasons: Spring

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Multi-Trunked

Trunk Esthetic Values: Showy, Rough Texture, Fissured, Spines

Fruit

Fruit Type: Samara

Fruit Showiness: True

Fruit Size Range: 3 - 7, 7 - 10

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Neutral, Alkaline

Water Requirements: High, Moderate

Light Requirements: Full, Part

Management

Toxity: No

Invasive Potential: Yes

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Life Span: More than 50

Diseases: Powdery Mildew, Leaf Spots, Canker, Fungus

Edible Parts: None

Pests: Mites, Aphids, Borers

Plant Propagations: Seed, Cutting

MORE IMAGES



Fruit Image



Bark Image



Other Image