

Persea americana

(Avocado)

Avocado is native to Peru and south America where it has been cultivated for centuries. Extremely variable trees, avocados may be tall and erect to moderately-sized and spreading. The leaves are evergreen or semi- evergreen , glossy on the upper side and pale underneath. The leaves may fall continuously throughout the year or during the dry season. There are two flowering classes of avocado, Class A and Class B. These are distinguished by the time of the day when they flower in order to avoid self pollination. In order to get fruit must plant 2 trees from the same type. Fruit, high in unsaturated oil content follow the flowers and ripen from six to eighteen months after flowering. Full sun is best for good growth and fruit production. Drought tolerant once established, avocado fruiting is best when watered regularly during production.



Plant Image

Landscape Information

French Name: Avocatier

Arabic Name: أفوكادو

Pronunciation: PER-see-uh uh-mair-ih-KAY-nuh

Plant Type: Tree

Origin: Central America, South America

Heat Zones: 10, 11, 12, 13, 14, 15, 16

Hardiness Zones: 10, 11, 12, 13

Uses: Specimen, Shade, Edible

Size/Shape

Growth Rate: Moderate

Tree Shape: Spreading

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 15 to 23 m

Spread at Maturity: 10 to 15 meters

Time to Ultimate Height: 20 to 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Oval

Leaf Margins: Entire

Leaf Textures: Leathery, Glossy

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: False

Flower Sexuality: Monoecious (Bisexual)

Flower Color: Green

Seasons: Spring, Winter

Trunk

Trunk Susceptibility to Breakage: Suspected to breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Drupe

Fruit Showiness: True

Fruit Size Range: 10 - 20

Fruit Colors: Green

Seasons: Spring, Winter

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: No

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Low

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: 25-50 years

Diseases: Leaf Spots, Root rot

Edible Parts: Fruit

Pests: Mites, Scales

Plant Propagations: Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image