

Aesculus flava

(Yellow buckeye, sweet buckeye)

Aesculus flava is a medium to large deciduous tree. The palmate compound leaves turn yellow in the fall. Large yellow flower appears in mid spring. Do not use this specimen as a street tree because of the litter produced by the falling leaves. Used as a shade tree.



Plant Image

Landscape Information

Pronunciation: ESS-kew-lus FLAY-vuh

Plant Type: Tree

Heat Zones: 5, 6, 7, 8

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

Uses: Screen, Specimen, Shade

Size/Shape

Growth Rate: Moderate

Tree Shape: oval

Canopy Symmetry: Symmetrical

Canopy Density: Dense

Canopy Texture: Coarse

Height at Maturity: Over 23

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: More than 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Opposite

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Palmately Compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Oval

Leaf Margins: Serrate

Leaf Textures: Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: True

Flower Size Range: 7 - 10

Flower Type: Panicle

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Yellow

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Nut

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic

Water Requirements: Moderate

Light Requirements: Full

Management

Toxity: No

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: More than 50

Diseases: Powdery Mildew, Leaf Spots, Anthracnose

Edible Parts: None

Pests: Beetles, Borers

Plant Propagations: Seed, Grafting

MORE IMAGES



Fruit Image



Bark Image



Other Image