

Aesculus x carnea

(Red Horsechestnut)

Red Horsechestnut is a hybrid of *Aesculus hippocastanum* and *Aesculus pavia*. It is less susceptible to disease than either of its parents. It has very large, palmately-compound green leaves and bright red to pink flowers on tall panicles. It prefers moist, acid soil but can grow in slightly alkaline soil. Leaf and flower litter is a problem during summer and fall. Its nuts are food for wildlife.



Plant Image

Landscape Information

French Name: Marronnier à fleurs rouge

Pronunciation: ESS-kew-lus x KAR-nee-uh

Plant Type: Tree

Origin: Hybrid origin

Heat Zones: 6, 7, 8

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

Uses: Screen, Container, Shade, Wildlife, Street, Pollution Tolerant / Urban

Size/Shape

Growth Rate: Slow

Tree Shape: Pyramidal, Round, oval

Canopy Symmetry: Symmetrical

Canopy Density: Dense

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m

Spread at Maturity: 8 to 10 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: Palmately Compound

Leaf Blade: 10 - 20

Leaf Shape: Oblanceolate

Leaf Margins: Serrate

Leaf Textures: Glossy, Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Green

Flower

Flower Showiness: True

Flower Size Range: Over 20

Flower Type: Panicle

Flower Scent: Pleasant

Flower Color: Yellow, Red, Pink

Seasons: Spring, Summer

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Multi-Trunked, Can be trained to one trunk

Trunk Esthetic Values: Not Showy, Smooth

Fruit

Fruit Showiness: False

Fruit Size Range: 3 - 7

Fruit Colors: Brown

Seasons: Spring, Summer

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Moderate

Light Requirements: Full, Part

Management

Toxity: Yes

Invasive Potential: No

Susceptibility to Pests and Diseases: No

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: No

Life Span: More than 50

Diseases: Leaf Spots, Canker

Edible Parts: None

Pests: Scales, Leaf Miner

Plant Propagations: Seed, Grafting

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