Gleditsia triacanthos f. inermis

(Thornless Honeylocust)

Thornless honeylocust is the landscape variety of Imperial Honeylocust, but thornless and sometimes seedless. Its leaves are both bipinnately compound and pinnately compound, and turn yellow to gold in fall. The seedpods in fall are not appealing and are a litter problem. It has no soil preference and can tolerate compacted soil as well as flooding and confined spaces. Overuse of this tree can lead to insect and disease problems, so plant in moderation.



Plant Image

Landscape Information

French Name: Févier d'Amérique, Carouge à

mie

Arabic Name: غلاديشية ثلاثية الأشواك

Pronounciation: gleh-DIT-see-uh try-uh-

KANTH-oase ih-NER-miss

Plant Type: Tree

Origin: Central and Eastern United States

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

Uses: Specimen, Shade, Street, Pollution

Tolerant / Urban, Reclamation

Size/Shape

Growth Rate: Fast

Tree Shape: Round, oval Canopy Symmetry: Irregular

Canopy Density: Open Canopy Texture: Fine

Height at Maturity: 15 to 23 m

Spread at Maturity: 10 to 15 meters

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistance: Deciduous **Leaf Type:** Bipinnately compound

Leaf Blade: Less than 5
Leaf Shape: Oblong
Leaf Margins: Crenate
Leaf Textures: Fine

Leaf Scent: No Fragance Color(growing season): Green

Color(changing season): Yellow, Copper

Flower

Flower Showiness: False **Flower Size Range:** 1.5 - 3

Flower Type: Catkin

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragance 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: Showy, Fissured

Fruit

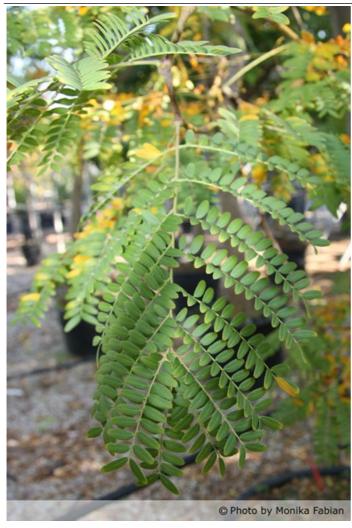
Fruit Type: Legume Fruit Showiness: True

Fruit Size Range: 10 - 20, Over 20 cm Fruit Colors: Brown, Red, Purple

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes Heat Tolerant: No Drought Tolerant: Yes Salt Tolerance: Good

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Neutral, Alkaline

Water Requirements: Light Requirements: Full

Management

Invasive Potential: Yes

Susceptibility to Pests and Diseases: No Pruning Requirement: Needed, to develop a

strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes Life Span: More than 50

Diseases: Powdery Mildew, Leaf Spots, Canker

Edible Parts: None

Pests: Mites, Caterpillars, Aphids, Leaf Miner,

Borers, Midges

Plant Propagations: Seed

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Bark Image





Other Image