

## 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 miel

**Arabic Name:** غلاديشية ثلاثية الأشواك

**Pronunciation:** 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

## Gleditsia triacanthos f. inermis

(Thornless Honeylocust)



Flower Image

### Botanical Description

---

#### Foliage

**Leaf Arrangement:** Alternate

**Leaf Venation:** Pinnate

**Leaf Persistence:** Deciduous

**Leaf Type:** Bipinnately compound

**Leaf Blade:** Less than 5

**Leaf Shape:** Oblong

**Leaf Margins:** Crenate

**Leaf Textures:** Fine

**Leaf Scent:** No Fragrance

**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 Fragrance

**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

---

## Gleditsia triacanthos f. inermis

(Thornless Honeylocust)



© Photo by Monika Fabian

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

---



## MORE IMAGES



Fruit Image



Bark Image



Other Image