

**Scientific Name:** *Gleditsia triacanthos* var. *inermis*

**Common Name:** Thornless Common Honeylocust

**Environmental Conditions:**

**Hardiness Zone:** 4b (selected cultivars into 4a and 3b)

**Soil Moisture:**

VERY WET			VERY DRY								
occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
2	3		4	5	6	7	8	9	10	11	12

**Sun/Shade:** full sun

**Salt:** some observed tolerance

**pH:** ≤ 8.2

**Insect/Disease Factors:** over-planting has encouraged severe insect problems in many areas, including spider mite borers, leaf spot, cankers, powdery mildew, witches' broom, Honeylocust plant bug ('**Moraine**' and **Skyline**® have shown some resistance, green-leaved strains more tolerant such as **Shademaster**®, yellow-leaved strains very susceptible such as **Sunburst**®), mimosa webworm ('**Moraine**' resistant, '**Green Glory**' moderately resistant, **Imperial**® very susceptible), Thyronectria canker (**Halka**™ resistant, **Imperial**®, **Shademaster**®, **Skyline**®, and **Trueshade**® partially resistant, '**Morraine**', **Skyline**® and **Sunburst**® susceptible), and Nectria canker (**Sunburst**® susceptible)

**Growth Characteristics:**

**Height:** 40'-80'

**Width:** 30'-70'

**Form/Habit:** oval to rounded, open, spreading

**Rate:** fast

**Ornamental Characteristics:**

**Flower:** inconspicuous, not ornamentally important

**Fruit:** long brown pods, most cultivars have little to no fruit

**Seasonal Foliage Color:** light green in summer (dark green cultivars available), yellow in fall

**Bark:** attractive, dark gray-brown, develops scaly platy ridges and deep furrows with age

**Other:** drops leaves early

**Transplant Issues:** easy to transplant B&B or ≤ 2" caliper bare root

**Management Issues:** small leaves easy for fall clean-up

**Suggested Uses:** narrow or wide street tree lawns/pits, parks, suitable for CU-Structural Soil™

**Cultivars:** all typically less than 50' high except '**Green Glory**', '**Fairview**' (zone 3b, fast growing, essentially fruitless), '**Green Glory**' (zone 3b, similar to '**Moraine**' pyramidal, strong central leader, fast growing, holds foliage late, essentially fruitless), **Halka**™ ('**Christie**', zone 4a (3b), full branching, develops heavier caliper at an early age, essentially fruitless), **Imperial**® ('**Impcole**', zone 4a (3b), shorter, 30'-35' high, broadly rounded, good horizontal branching angles, essentially fruitless), '**Moraine**' (zone 3b, denser than species, upper branches ascending, lower branches more pendulous, dark green summer foliage, golden yellow fall color, fruitless form, reportedly susceptible to storm damage), **Shademaster**® ('**PNI 2835**', zone 3b, high vase shaped canopy, dark green summer foliage, late to turn yellow-green in fall, essentially fruitless), **Skyline**® ('**Skycole**', zone 3b, upright, broadly pyramidal, strong central leader, tight upright branching, dark green summer foliage, good yellow fall color), **True Shade**® (fast growing, shiny dark bark, essentially fruitless)

\*Avoid '**Rubylace**' and **Sunburst**® ('**Suncole**')

