

Scientific Name: *Celtis laevigata*

Common Name: Sugar Hackberry, Southern or Mississippi Hackberry

Environmental Conditions:

Hardiness Zone: 6a (cultivars reportedly zone 5)

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		
1	2	3	4	5	6	7	8	9	10	11	12

Sun/Shade: prefers full sun, tolerates partial shade

Salt: unknown

pH: ≤ 7.5

Other: good heat and wind tolerance

Insect/Disease Factors: resistant to witches' broom and nipple gall, '**Magnifica**' resistant leafhoppers

Growth Characteristics:

Height: 60'-80'

Width: similar to height, 60'+

Form/Habit: rounded with spreading, often pendulous branches

Rate: medium to fast

Ornamental Characteristics:

Flower: not ornamentally important, inconspicuous clusters

Fruit: small orange-red to blue-black drupes in fall

Seasonal Foliage Color: light green in summer, dull yellow in fall

Bark: smooth light gray with corky/warty ridges

Other: foliage is smaller than *C. occidentalis*

Transplant Issues: moderately difficult to transplant bare root, better success in transplanting bare root in fall, do not attempt to transplant > 2" caliper trees bare root, best planted B&B, somewhat slow to establish

Management Issues: '**All Seasons**' twigs are heavier than average for species and less likely to shed

Suggested Uses: wide street tree lawns/pits due to size, '**All Seasons**' can be used in narrow street tree lawns/pits, parks

Cultivars: '**All seasons**' (reportedly zone 5, 40'-50' high, 30'-40' wide, fast growing, well balanced crown with ascending branches, fine textured foliage, good yellow fall color, red fruit, American Beech-like bark is smooth silver-gray with few corky ridges), '**Magnifica**' (*C. occidentalis* and *C. laevigata* hybrid, reportedly zone 5, broadly oval to vase-shaped, fast growing, nearly sterile – little to no fruit)