

Scientific Name: *Tilia tomentosa*

Common Name: Silver Linden

Environmental Conditions:

Hardiness Zone: 5a

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	

*tolerates drought better than *T. cordata*

Sun/Shade: full sun

Salt: unknown

pH: ≤ 8.2

Other: tolerates heat better than *T. cordata*

Insect/Disease Factors: various pests are potentially problematic for *Tilia*, although most are rarely serious, aphids can be serious problem for *T. tomentosa*, less susceptible to Japanese beetles than other *Tilia*, ‘**Sterling Silver**’ resistant to Japanese beetles, ‘**Satin Shadow**’ reportedly resistant to Japanese beetles

Growth Characteristics:

Height: 50’-70’

Width: 35’-55’

Form/Habit: pyramidal in youth, pyramidal to upright-oval with age, generally dense and symmetrical

Rate: medium

Ornamental Characteristics:

Flower: yellowish, drooping clusters attached to pale greenish-yellow leaf-like bracts, mid-summer, very fragrant, latest flowering *Tilia*

Fruit: not ornamentally important, small nutlets, egg-shaped with a point, attached to bracts, late summer, often light seed crop

Seasonal Foliage Color: shiny dark green above, silvery and pubescent on underside in summer, green-yellow to yellow in fall

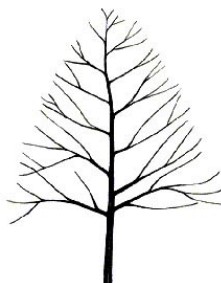
Bark: not ornamentally important, smooth light gray, eventually becoming gray-brown, ridged and furrowed on older trunks

Transplant Issues: moderately difficult to transplant B&B or bare root, better success in transplanting bare root in fall, do not attempt to transplant > 2” caliper trees bare root, slower to recover from transplanting than other *Tilia*

Management Issues: none of significance

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

Cultivars: **Green Mountain®** (‘PNI 6051’, fast growing, symmetrical, dense canopy), **Sterling Silver™** (‘Wandell’, fast growing, symmetrical, dense canopy, resistant to Japanese beetles), **Satin Shadow™** (‘Sashazam’, possibly more cold hardy, symmetrical, reportedly resistant to Japanese beetles)



Sterling Silver™