Scientific Name: *Tilia tomentosa*
Common Name: Silver Linden

Environmental Conditions:
- **Hardiness Zone:** 5a
- **Soil Moisture:**
  - *occasionally saturated or very wet soil*: 2
  - *consistently moist, well drained soil*: 3
  - *occasional periods of dry soil*: 4
  - *prolonged periods of dry soil*: 5

* 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)