

Scientific Name: *Tilia americana*

Common Name: Basswood

Environmental Conditions:

Hardiness Zone: 3a

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: sensitive

pH: ≤ 8.2

Insect/Disease Factors: various pests are potentially problematic, although most are rarely serious, foliage feeding insects can damage and almost completely defoliate, scales and linden mites can be serious, susceptible to Japanese beetles

Growth Characteristics:

Height: 60'-80', can grow 100'+

Width: 30'-60'

Form/Habit: pyramidal in youth, oval to rounded with age

Rate: medium to fast

Ornamental Characteristics:

Flower: light yellow, drooping clusters attached to pale greenish-yellow leaf-like bracts, early to mid-summer, very fragrant, attracts bees, flowers before *T. cordata* and *T. tomentosa*

Fruit: not ornamentally important, small nutlets, globose, attached to bracts, late summer

Seasonal Foliage Color: dark green in summer, green-yellow to pale yellow in fall (if any color), can develop unattractive brownish cast in early fall (late season discoloration)

Bark: not ornamentally important, gray to brown with narrow, flat-topped ridges, very tough and fibrous

Other: buds and twigs have potential winter interest, as they vary in color from brown to reddish to greenish and every combination of those colors

Transplant Issues: easy to transplant B&B

Management Issues: none of significance

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

Cultivars: 'Boulevard' (narrow pyramidal, yellow fall color), 'Fastigiata' or 'Pyramidal' (columnar in youth, pyramidal with age, reaching 25' wide, may be slightly shorter, 50' high, ascending branches, dark green foliage, availability may be limited), Legend™ ('Wandell', zone 4, distinctly pyramidal, good central leader, excellent branching structure, slightly smaller foliage, thick dark green leaves resistant to late season discoloration, red stem and bud color), 'Lincoln' (slender, upright, compact form, yellow fall color, listed as having lighter green foliage, also listed as having dark green foliage), 'Redmond' (*T. americana* x *T. euchlora*, densely pyramidal, larger leaves, buds/stems/foilage all resemble *T. americana* rather than *T. euchlora*, buds reddish, stems are red-green-brown mix, sometimes listed as having lighter green foliage), 'Sentry' (uniform symmetrical habit, branches silver-gray in youth)

