

Botanical Name: Liriodendron tulipifera

Common Name: Tulip tree, Whitewood

Type of Plant: dicot: tree Character deciduous

Habit of Growth:

Overall Shape a very effect, single-trunked tree with spreading and rising branches forming a tall pyramidal canopy; bark is smooth, whitish-gray on the larger branches and trunk

Height 50-80' (150') Spread 1/2 to 3/4 Growth Rate very rapid

Environment:

Exposure outdoors full or partial sun; plant can tolerate shade at inland

Soil prefers moist deep soils; can tolerate wet locations

Hardiness hardy (zones 1-10, 14-23); thrives in warm humid locale

Morphology:

Leaves pinnate, alternate, very broadly ovate to squarish with 2-4 short blunt lobes; 3-5" long with 2-4" long petioles; leaves bright green

Flowers greenish-white outside, orange within; large, 1-1/2"-2" high, tulip-shaped; each flower has 3 sepals, 6 petals, numerous stamens

Fruit nutlets: have long narrow wings

Propagation: seed

Usage: large-scale vertical accent, used for its form and foliage; suitable for groves, lawn trees, large avenue trees; best in large landscapes; leaves produce fall color in colder areas; invasive root system

Landscape Care:

Watering regular watering is preferred; plant grows poorly if water-stressed in summer

Fertilizing balanced, in spring; chlorosis is a problem

Pruning head high when young; little required as tree matures

Pests/Diseases aphids, scale

Special Conditions

Origin: Eastern U.S. Family: Magnoliaceae