

**Scientific Name:** *Styphnolobium japonicum* (*Sophora japonica*)

**Common Name:** Japanese Pagodatree or Scholar-tree

**Environmental Conditions:**

**Hardiness Zone:** 5b

**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:** some observed tolerance

**pH:** ≤ 8.2

**Insect/Disease Factors:** twig die-back and stem canker common in colder zones, although not considered serious and are rarely limiting, **Millstone™** less susceptible to stem canker than species, **Regent®** and **'Princeton Upright'** resistant to leafhoppers

**Growth Characteristics:**

**Height:** 40'-60'

**Width:** 35'-55'

**Form/Habit:** oval to round, upright spreading branches

**Rate:** medium to fast

**Ornamental Characteristics:**

**Flower:** showy, creamy white, 6"-12" long clusters, summer

**Fruit:** bright green changing to yellow-brown pods in clusters, may persist through winter

**Seasonal Foliage Color:** lustrous bright green in summer, yellowish in fall, late to turn color in fall

**Bark:** grayish brown, furrowed with age, green bark on young branches (1-5 year old wood)

**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:** **Millstone™** (**'Halka'**, good form, symmetrical, uniform, dense branching, deeper green foliage), **'Princeton Upright'** (similar to 'Regent' except narrower, upright form, 25'-35' wide),

**Regent®** (fast growing, reportedly straighter trunk, flowers at younger age than species, deeper green foliage, resistance to leaf-chewing insects)

