

Scientific Name: *Robinia pseudoacacia* ‘Globe’ (or ‘Inermis’) and ‘Bessoniana’

Common Name: Globe and Bessoniana Black Locust

Environmental Conditions:

Hardiness Zone: 4

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: prefers full sun, tolerates full shade

Salt: some observed tolerance

pH: ≤ 8.2

Other: species appropriate for very difficult reclamation sites, fixes own nitrogen

Insect/Disease Factors: borers can be a serious problem for species, leaf miners can be problematic for species, ‘Globe’ appears to be less borer susceptible

Growth Characteristics:

Height: ‘Globe’ 20’, ‘Bessoniana’ 30’

Width: 20’

Form/Habit: ‘Globe’ very dense and round, ‘Bessoniana’ oval with typically good central leader and good branching habit

Rate: species is fast

Ornamental Characteristics:

Flower: white, fragrant, late spring, both cultivars flower less than straight species, ‘Globe’ is sometimes completely non-flowering

Fruit: flat 2”-4” long pod, both cultivars produce less fruit than straight species, ‘Globe’ is sometimes completely non-fruiting

Seasonal Foliage Color: medium green to blue-green, yellowish in fall

Bark: dark gray, with interlacing ridges, ropy appearance

Other: ‘Globe’ is spineless, ‘Bessoniana’ is essentially spineless

Transplant Issues: easy to transplant B&B or ≤ 2 ” caliper bare root

Management Issues: best to prune in late summer or fall due to “bleeding” in spring

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

Cultivars: above info is specific to cultivars, other *R. pseudoacacia* cultivars are larger trees or smaller unique trees not suited for urban use