

Scientific Name: *Quercus acutissima*

Common Name: Sawtooth Oak

Environmental Conditions:

Hardiness Zone: 5b or 6a

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: ≤ 7.5

Insect/Disease Factors: none serious or limiting

Growth Characteristics:

Height: 40'-50'

Width: 35'-55'

Form/Habit: broadly pyramidal in youth, oval-rounded to broad-rounded with age, dense

Rate: medium (fast for an Oak)

Ornamental Characteristics:

Flower: attractive, pendent, golden, 3-4" male catkins, early spring as leaves emerge

Fruit: acorn, often heavy crops on older trees

Seasonal Foliage Color: leaves emerge yellow to light green in spring, lustrous green in summer, yellow to golden brown in fall, late to turn color in fall

Bark: attractive, gray-brown, deeply ridged and furrowed, almost corky on older trunks

Other: young trees hold leaves throughout winter

Transplant Issues: transplant B&B

Management Issues: acorns on older trees may be a litter problem certain years

Suggested Uses: wide street tree lawns/pits or parks preferred due to size

Cultivars: 'Gobbler' is the name given to seedlings that produce early and abundant acorns for wild turkey food, extremely limited availability

