

Scientific Name: *Acer buergerianum*

Common Name: Trident Maple

Environmental Conditions:

Hardiness Zone: 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: 20' - 25'

Width: 20' - 25'

Form/Habit: round, low branching tendency often creates short trunk, single leader typically absent

Rate: slow to medium, typically slow

Ornamental Characteristics:

Flower: not ornamentally important, inconspicuous, greenish-yellow clusters, spring

Fruit: 1" samara

Seasonal Foliage Color: new growth often bronze to purple maturing to glossy dark green, fall color late and variable (yellow/orange/red)

Bark: gray/brown/orange, platy, exfoliating

Transplant Issues: difficult to transplant B&B

Management Issues: low branching may require pruning for street tree use

Suggested Uses: wide street tree lawns/pits, narrow tree lawns/pits with pruning, parks

Cultivars: **Street Wise®** ('ABTIR') selected for ability to be easily trained into a single leader (oval habit, medium growth rate, new growth emerges reddish-purple, burgundy fall color)

