

Scientific Name: *Zelkova serrata* ‘Schmidtlow’

Common Name: Wireless® Japanese Zelkova

Environmental Conditions:

Hardiness Zone: 5

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: none serious or limiting

Growth Characteristics:

Height: 25’

Width: 35’

Form/Habit: broadly spreading vase, flattened top at maturity

Rate: species is medium, possibly fast in youth

Ornamental Characteristics:

Flower: not ornamentally important, usually present as leaves are emerging

Fruit: not ornamentally important, ripens in fall

Seasonal Foliage Color: medium green in summer, red in fall

Bark: exfoliates and mottles with oranges, grays and browns with age

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

Management Issues: species has narrow crotch angles and poor branch attachments which may give rise to splitting and form damage when older, this problem may be less likely to develop in this smaller cultivar

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

Cultivars: above info is cultivar specific, other *Z. serrata* cultivars are large trees