

Scientific Name: *Zelkova serrata*
Common Name: Japanese Zelkova
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: none serious or limiting

Growth Characteristics:

Height: 50'-70' (can reach 120' in wild)

Width: 40'-60'

Form/Habit: vase-shaped, generally upright arching branches, short trunked

Rate: 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 or dark green in summer, variable color in fall, often russet-yellow, but full range possible - brown/yellow/orange/red/purple

Bark: extremely ornamental, reddish brown and cherry-like in youth, exfoliates and mottles with age in oranges, grays and browns

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

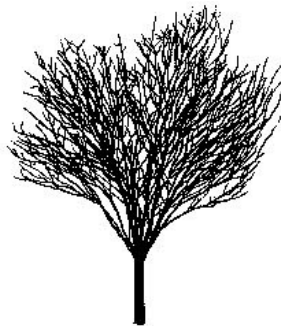
Management Issues: narrow crotch angles and poor branch attachments which may give rise to splitting and form damage when older

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

Cultivars:

Common: following three are fast growing selections ('Halka' is fastest, followed by *Green Vase*®, then *Village Green*™), **Green Vase**® (60'-70' high, upright vase-shaped, orange-brown to bronze-red fall color), '**Halka**' (60'-70' high, graceful arching branches, often better branch attachment, most American Elm-like, summer foliage color not dark green like other cultivars, yellowish fall color), **Village Green**™ (50'-60' high, broadly vase-shaped, width equal to height, dark green foliage, rusty red fall color)

Available: '**Green Veil**' (listed as zone 4, dark green leaves, branchlets somewhat pendulous, not as fast growing as most common three cultivars listed above), '**Illinois Hardy**' (possibly more cold hardy, zone 5a), '**Musashino**' (narrower, upright form, 20' wide, yellow fall color), '**Spring Grove**' (dark green foliage, wine red fall color)



Green Vase®