

Scientific Name: *Acer tartaricum* ssp. *ginnala* (formerly *Acer ginnala*)

Common Name: Amur Maple

Environmental Conditions:

Hardiness Zone: 3a (2)

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 partial shade

Salt: some observed tolerance

pH: ≤ 8.2

Insect/Disease Factors: none serious or limiting, occasionally injured by *Verticillium* wilt, bacterial blight, or other maple diseases and insects, **'Flame'** may be more susceptible to *Verticillium* wilt

Growth Characteristics:

Height: 15'-25'

Width: 15'-25'

Form/Habit: rounded, sometimes irregular outline, often shrub-like and available multi-stemmed, overtime could prune multi-stemmed form into low branching tree, should specify single-leader if desire tree form (although may still require pruning)

Rate: slow to medium

Ornamental Characteristics:

Flower: fragrant, yellowish-white clusters, spring as leaves emerge

Fruit: ¾"-1" samara, red or brown in summer, abundant

Seasonal Foliage Color: glossy dark green in summer, variably yellow, orange, or red in fall

Bark: not ornamentally important, gray-brown, smooth with darker striations on older bark

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

Management Issues: suckering at trunk base can be a problem, may require pruning to maintain single trunk tree form, may naturalize in spacious environments, abundant seed may be a litter problem in some areas

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

Cultivars: **Beethoven™** (**'Betzam'**, columnar habit, 10'-15' wide, more moderate growth rate, bright red samaras, deep hunter-green foliage in summer, gold and red in fall, possibly *Acer ginnala* x *tartaricum* hybrid), **'Embers'** (red fruit, excellent red fall color), **'Flame'** (zone 2, seed-grown selection and hence somewhat variable, form reportedly easily trained into excellent small low branching or multi-stemmed tree, orange-red to deep red fall color, fruit bright red in summer and darker red in fall), **Mozart™** (**'Mozzam'**, pyramidal and symmetrical habit, more moderate growth rate, stronger central leader, bright red samaras, bright green foliage in summer changing to red in fall)