

Scientific Name: *Malus* spp.

Common Name: Flowering Crabapple

Environmental Conditions:

Hardiness Zone: 4, some cultivars hardy to zone 3

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: many crabapples cultivars are highly disease susceptible, limiting their usefulness in the landscape, all cultivars selected here have ‘good’ to ‘excellent’ resistance to cedar-apple rust, mildew, and scab, as well as at least ‘fair’ resistance to fireblight (‘fair’ resistance is tolerated as it is not as serious a problem in Northern areas as it is in the Southern areas)

Growth Characteristics: varies with cultivar, see chart on following page for cultivar characteristics, along with cultivar silhouettes on page 34

Ornamental Characteristics: varies with cultivar, see chart on following page for cultivar characteristics

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

Management Issues: fruit litter on streets may be objectionable in some situations

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

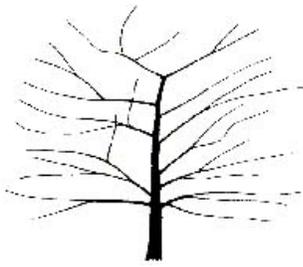
Cultivars: see chart on following page



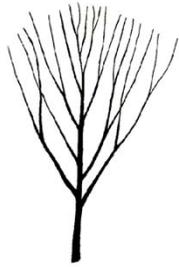
ORNAMENTAL CHARACTERISTICS OF SELECTED DISEASE RESISTANT CRABAPPLES								
Species and/or Cultivar	Zone	Ht	Wd	Form/Habit	Bud	Flower	Fruit	Foliage
'Adams'	4a	20'	20'	round	deep pink	deep pink, profuse	red, persistent, 5/8"	green with red tint
'Adirondack'	4	18'	12'	vase	carmine	white, textured	bright red, 1/2"	dark green, leathery
American Spirit™ ('Amerspirzam')	4	18'	18'	round	white-pink	deep rose	persistent, red, 1/2"	green
<i>baccata</i> 'Jackii'	3a	20'	20'	round	white-pink	white, fragrant, early	deep red-purple, 3/8"	glossy green
'Cardinal'	4	16'	22'	broad spreading	pink	bright pink to red	deep red, 1/2", often sparse	dark purple-red, glossy
Centurion® ('Centsam')	4	20'	15'	narrow oval	dark red	rose red	bright red, persistent, 5/8"	reddish changing to green
'Dolgo'	3b	30'	25'	oval	white	white	bright red, edible, 1 1/2"	glossy green
'Donald Wyman'	4	20'	22'	round	pink	white, abundant	bright red, persistent, 3/8"	dark green
'Dobloons'	4	18'	16'	dense oval	carmine	white, double	yellow, persistent, 3/8"	deep green
<i>floribunda</i>	4b	20'	25'	round	carmine	pink-white, large	yellow/red, 3/8"	green, small
'Henry Kohankie'	4	20'	20'	round	pink	pink-white	red, persistent, 1 1/4"	dark green, large, lobed
'Liset'	4a	15'	15'	columnar	crimson	pink-red, large	dark red, 1/2"	reddish aging to bronze green
'Ormiston Roy'	4a	20'	25'	oval, round with age	rose to pink	white	yellow, persistent, 3/8"	green
'Prairiefire'	4	20'	18'	oval, round with age	crimson	pink-red	orange-red, persistent, 1/2"	reddish aging to red-green
'Professor Sprenger'	4	20'	20'	oval, round with age	pink	white, fragrant	orange-red, persistent, 1/2"	green
'Purple Prince'	4	20'	20'	round	carmine	rose red	maroon, persistent, 3/8"	purple aging to bronze-green
Red Jewel™ ('Jewelcole')	4	15'	12'	oval	pink to white	white	bright red, persistent, 1/2"	green
'Robinson'	4	25'	25'	oval	crimson	deep pink	dark glossy red, 3/8"	reddish aging to bronze green
Royal Raindrops™ ('JFS-KW5')	4	20'	15'	upright spreading	pink	bright pinkish-red	persistent, red, 1/4"	purple, cut-leaf, orange-red in fall
'Sentinel'	4	18'	12'	narrow oval	red	pink to white	bright red, persistent, 1/2"	dark glossy green
'Strawberry Parfait'	4	18'	22'	vase	red	pink, large	yellow, 3/8"	reddish aging to green
Sugartyme® ('Sutyzam')	4	18'	15'	oval	pink	white, fragrant	red, persistent, 1/2"	green
x <i>zumi</i> 'Calocarpa'	4a	20'	22'	round	deep red	white	bright red, persistent, 3/8"	green

* This list does not include recent selections that have reportedly shown good disease resistance, yet have not been around long enough to reliably prove their disease resistance. This list is a work in progress and will be updated periodically as information regarding disease resistance becomes available. ©Urban Horticulture Institute, 2003

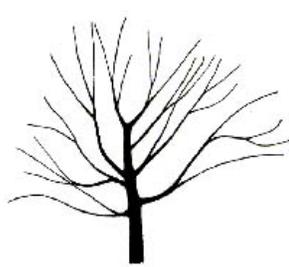
Malus Cultivar Silhouettes



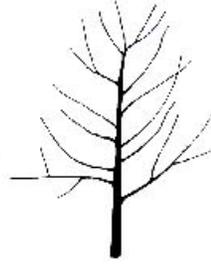
'Adams'



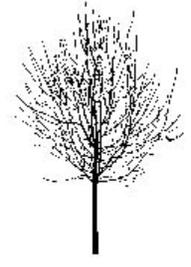
'Adirondack'



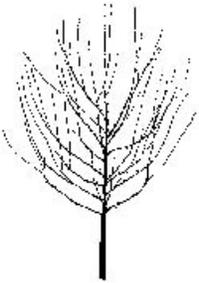
baccata 'Jackii'



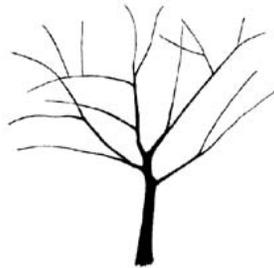
'Centurion'



'Dolgo'



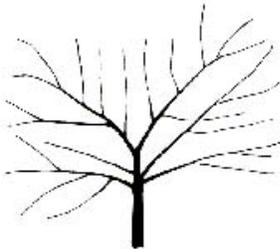
'Donald Wyman'



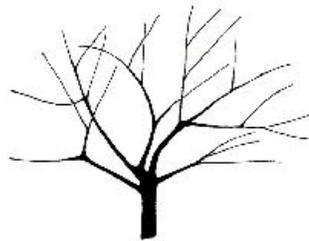
'Doubloons'



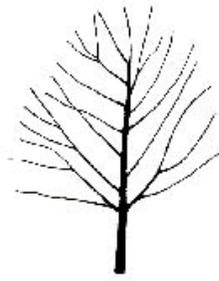
floribunda



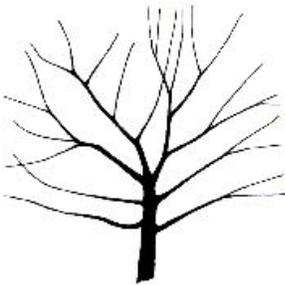
'Henry Kohankie'



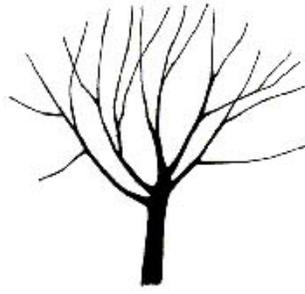
'Ormiston Roy'



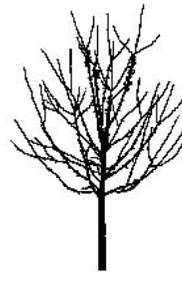
'Prairiefire'



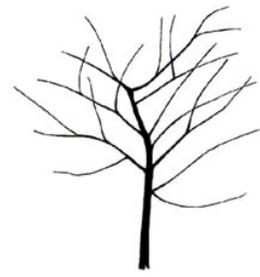
'Professor Sprenger'



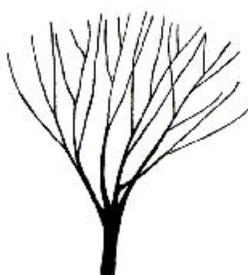
'Purple Prince'



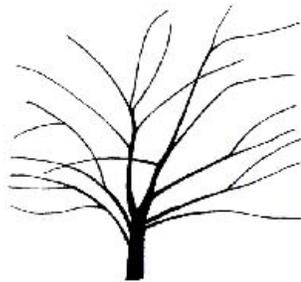
'Red Jewel'



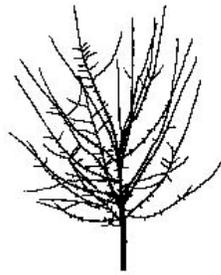
'Robinson'



'Sentinel'



'Strawberry Parfait'



'Sugartyme'



x *zumi* 'Calocarpa'