

**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:**  $\leq 8.2$

**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

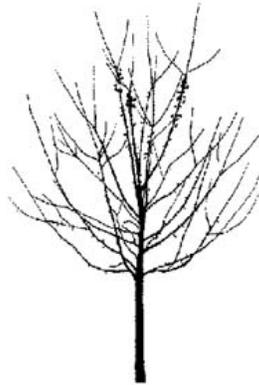
**Ornamental Characteristics:** varies with cultivar, see chart on following page for cultivar characteristics

**Transplant Issues:** easy to transplant B&B or  $\leq 2$ ” 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™

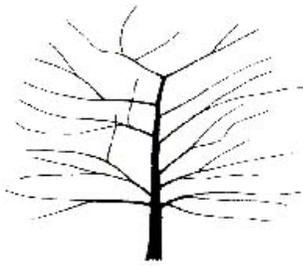
**Cultivars:** see chart on following page



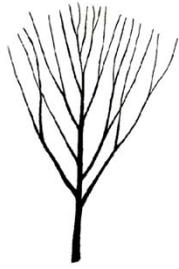
ORNAMENTAL CHARACTERISTICS OF SELECTED DISEASE RESISTANT CRABAPPLES								
Species and/or Cultivar	Zone	Ht	Wd	Form/Habit	Bud	Flower	Fruit	Foliage
'Adams'	4a	20'	20'	round	deep pink	deep pink, profuse	red, persistent, 5/8"	green with red tint
'Adirondack'	4	18'	12'	vase	carmine	white, textured	bright 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
'Doubloons'	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

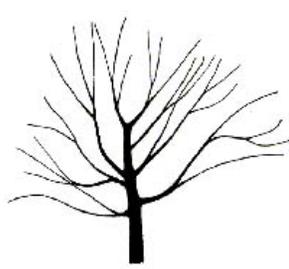
**Malus Cultivar Silhouettes**



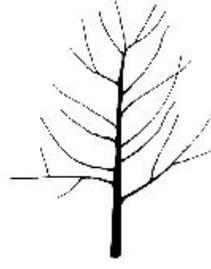
**'Adams'**



**'Adirondack'**



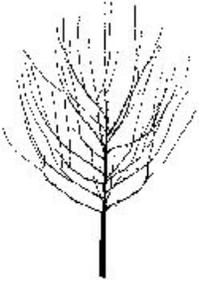
*baccata* **'Jackii'**



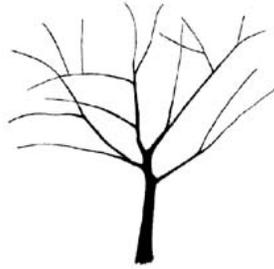
**'Centurion'**



**'Dolgo'**



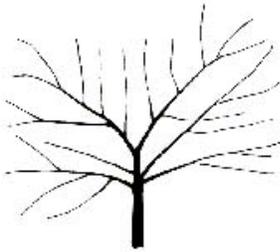
**'Donald Wyman'**



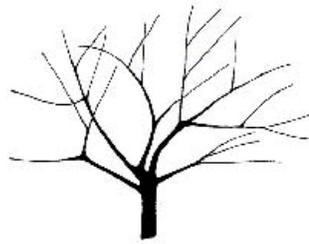
**'Doubloons'**



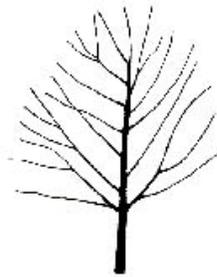
*floribunda*



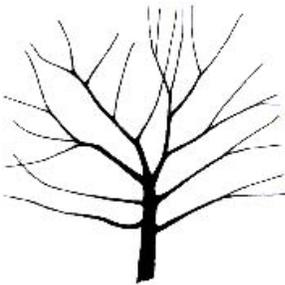
**'Henry Kohankie'**



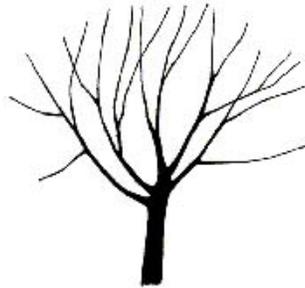
**'Ormiston Roy'**



**'Prairiefire'**



**'Professor Sprenger'**



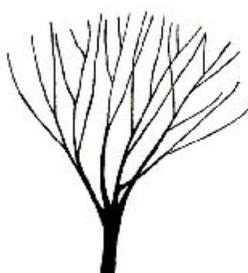
**'Purple Prince'**



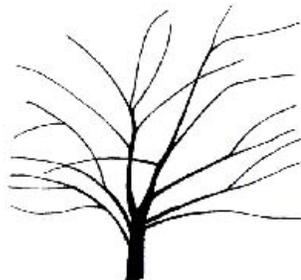
**'Red Jewel'**



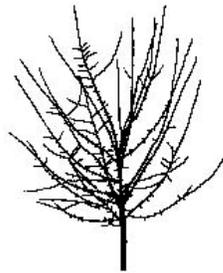
**'Robinson'**



**'Sentinel'**



**'Strawberry Parfait'**



**'Sugartyme'**



*x zumi* **'Calocarpa'**