

**Scientific Name:** *Acer rubrum*

**Common Name:** Red Maple

**Environmental Conditions:**

**Hardiness Zone:** 3b, choose zone appropriate seed source if cultivar not selected

**Soil Moisture:**

Cultivar	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		
Red Sunset® 'Bowhall'	1	2	3	4	5	6	7	8	9	10	11	12
'Autumn Flame' October Glory®	1	2	3	4	5	6	7	8	9	10	11	12
Northwood® 'Karpick'	1	2	3	4	5	6	7	8	9	10	11	12

\*flood tolerance of above cultivars is listed on cultivar chart on following page

**Sun/Shade:** full sun

**Salt:** sensitive

**pH:** ≤ 7.0

**Insect/Disease Factors:** susceptible to *Verticillium* Wilt and leaf hoppers, 'Brandywine', 'Red Rocket', 'Somerset' and 'Sun Valley' show good potato leafhopper (which can cause leaves to scorch) resistance, occasionally borers attack young terminals

**Growth Characteristics:**

**Height:** 35'-60'

**Width:** 30'-70'

**Form/Habit:** pyramidal in youth, narrow upright to rounded with age, greatly varies, see cultivar chart on following page

**Rate:** medium to fast

**Ornamental Characteristics:**

**Flower:** showy, red, sometimes yellow to orange, small clusters in spring before leaves

**Fruit:** samara, often red, late spring to early summer

**Seasonal Foliage Color:** leaves emerge reddish in spring, green in summer, color varies in fall (yellow, orange, red), see cultivar chart on following page

**Bark:** attractive silver-gray in youth

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

**Management Issues:** thin bark can be easily damaged, delayed graft incompatibility can be a problem, should specify as 'own-rooted' when possible

**Suggested Uses:** narrow or wide street tree lawns/pits, parks

**Cultivars:** see chart on following page



***Acer rubrum* (Red Maple) cultivars:**

<b>Cultivar</b>	<b>Zone</b>	<b>Width</b>	<b>Form/Habit</b>	<b>Fall Color</b>	<b>Flood Tolerance</b>	<b>Other</b>
<b>‘Autumn Flame’</b>	3b	35’-55’	round, dense, good branch structure, symmetrical	red, early, long-lasting	medium	fruitless, red-brown 1 year old twigs, smaller leaves
<b>‘Autumn Radiance’</b>	4	40’	oval to rounded	red, early		
<b>‘Autumn Spire’</b>	3	20’-25’	broad columnar, upright branching	red, early		
<b>‘Bowhall’</b>	4	15’-25’	narrow columnar, upright, symmetrical	orange, variable	high	pale orange flowers, slower growing
<b>‘Brandywine’</b>	4	35’	oval to round	red to purple-red, late turning		
<b>Fairview Flame®</b>	4	30’	oval to round	scarlet red		
<b>Fireball™ (‘Firzam’)</b>	4	25’-30’	narrow pyramidal, dense, symmetrical	red and gold		
<b>‘Karpick’</b>	4	15’-25’	narrow columnar, upright, dense	yellow or red, variable	low	red twigs, red fruit, fast growing
<b>Northfire™ (‘Olson’)</b>	3	35’	oval, good branch structure	red, early		
<b>Northwood®</b>	3b (3a)	35’	round, somewhat irregular, straight trunk, good branch structure	orange-red	low	orange-red flowers, seedless
<b>October Glory® (‘PNI 0268’)</b>	5a	35’-45’	round	red, late turning, holds leaves late	medium	bright red flowers, glossy leaves
<b>‘Red Rocket’</b>	3	10’-15’	columnar	red		
<b>‘Red Skin’</b>	4	40’	round	reddish maroon, early		large thick leaves
<b>Red Sunset® (‘Franksred’)</b>	4b (4a)	35’-45’	oval to round, upright branching, good branch structure, symmetrical, clump form available	orange-red, leaves hold late	high	bright red fruit, thick glossy leaves
<b>‘Schlesingeri’</b>	4 (3)	45’	broad vase-shaped to rounded, dense	orange to red, often paler tones, early, often long-lasting color		
<b>‘Somerset’</b>	4	30’	oval to round	red		
<b>‘Sun Valley’</b>	4	35’	oval, dense, symmetrical	red		seedless