

**Scientific Name:** *Acer x freemanii* (*A. rubrum* x *A. saccharinum*)

**Common Name:** Freeman Maple

**Environmental Conditions:**

**Hardiness Zone:** 4

**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:**

**pH:** ≤ 7.5

**Insect/Disease Factors:** none serious or limiting, **Autumn Blaze®** shows more tolerance to leafhoppers than *A. rubrum*

**Growth Characteristics:**

**Height:** 45'-70'

**Width:** varies with cultivar, see cultivar chart on following page

**Form/Habit:** varies with cultivar, see cultivar chart on following page

**Rate:** medium to fast

**Ornamental Characteristics:**

**Flower:** greenish-yellow to red clusters, early spring, some showy red

**Fruit:** samara, sometimes reddish maturing to brown, seedless forms available

**Seasonal Foliage Color:** fall color varies with cultivar (yellow/orange/red), see cultivar chart on following page

**Bark:** typically attractive silver-gray

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

**Management Issues:** can develop graft incompatibility depending on understock used, specify own roots to avoid this delayed graft incompatibility problem

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

**Cultivars:** see chart on following page



**'Armstrong'**

***Acer x freemanii* (Freeman Maple) Cultivars:**

<b>Cultivar</b>	<b>Width</b>	<b>Form/Habit</b>	<b>Foliage</b>	<b>Fall Color</b>	<b>Other</b>
<b>‘Armstong’</b> occasionally listed under <i>A. rubrum</i>	15’-20’	columnar/fastigiated, upright branching	resembles <i>A. saccharinum</i> , 5-lobed, silvery undersides	yellow to orange	fast grower, flowers not showy
<b>‘Armstong Two’</b>	15’-20’	more dense, more tightly ascending branches than ‘Armstrong’	resemble <i>A. saccharinum</i> , 5-lobed, silvery undersides	better red than ‘Armstrong’, still not reliable red	fast grower, flowers not showy
<b>Autumn Blaze®</b> (‘Jeffersred’)	40’	broad oval, improved branch structure over <i>A. saccharinum</i> , dense, multi-stem form available	resemble <i>A. saccharinum</i> , deeply 5-lobed	excellent orange-red, long-lasting	fast grower, sparse flowering, nearly seedless
<b>Autumn Fantasy™</b> (‘DTR102’)	40’	broadly oval to upright-oval	more closely resembling <i>A. saccharinum</i> , 5-lobed	consistently bright red	fast growing
<b>Celebration™</b> (‘Celzam’)	20’-25’ maybe 40’	upright-pyramidal, strong branch angles	similar to <i>A. saccharinum</i> , dense	golden-yellow to red, reportedly turning from red to gold	red flower, seedless, fast growing in youth
<b>‘Marmo’</b>	35’-45’	broad columnar, strong central leader	5-lobed, intermediate between parents	excellent, often mottled red & green, at times varying burgundy to orange or gold, colors early	good growth rate, seedless
<b>‘Morgan’</b> Canadian, can be known as ‘Indian Summer’ in U.S, sometimes listed under <i>A. rubrum</i>	40’	broadly oval, open habit		orange-red to red	very fast growing
<b>Scarlet Sentinel™</b> occasionally still listed as <i>A. rubrum</i>	25’-35’	broad columnar to oval-rounded, ascending branches, improved branch structure over <i>A. saccharinum</i>	closely resembling <i>A. saccharinum</i> , 5-lobed	yellow to red	fast growing, bright red flowers, no fruit observed, reportedly shiny bark

\* ‘Armstong’, ‘Armstong Two’, Autumn Blaze®, ‘Marmo’, and ‘Morgan’ sometimes listed as Zone 3