

KAHNKE BROTHERS TREE FARM

Maples

Variety:	Amur- clump form	<i>Acer ginnala</i>	Zone: 3
H x W:	15-20' x 20-25'	Type:	Amur maple
Form:	Irregular, spreading	Foliage/Fall Color:	Fall: Varying shades of gold, orange, red and burgundy
Growth Rate:	Moderate to fast	Seeds/Helicopters?	Abundant, persistent helicopters; considered somewhat invasive
Other Info:	Amur maples are tough, adaptable plants that are the perfect size for windbreaks and screens. Unfortunately, they produce a large quantity of seed and they are not native to the U.S. For this reason, they should not be planted in areas abutting open soil or near native forests.		

Variety:	Apollo®	<i>Acer saccharum 'Barrett Cole'</i>	Zone: 4
H x W:	25' x 10'	Type:	Sugar Maple, dwarf variety
Form:	Narrow, Columnar	Foliage/Fall Color:	Fall: Golden orange to red
Growth Rate:	Slow	Seeds/Helicopters?	Yes
Other Info:	This nicely-shaped, narrow tree can give you sugar maple color without eating up your entire yard. Its leaves are resistant to scorching in the summer wind and heat.		

Variety:	Armstrong	<i>Acer x freemanii 'Armstrong'</i>	Zone: 4
H x W:	45' x 15'	Type:	Freeman maple, columnar variety
Form:	Narrow, Columnar	Foliage/Fall Color:	Fall: Yellow, orange and red
Growth Rate:	Fast	Seeds/Helicopters?	Yes
Other Info:	Want to pack a ton of fall color into a small area? This is a great option. 'Armstrong' grows straight upward at a rapid rate. It's perfect for narrow sideyards that would benefit from more shade and privacy.		

Variety:	Autumn Blaze®	<i>Acer x freemanii 'Jeffersred'</i>	Zone: 4
H x W:	50-60' x 40'	Type:	Freeman Maple (silver/red maple cross)
Form:	Dense, oval	Foliage/Fall Color:	Fall: Reddish-orange to maroon, very consistent and even
Growth Rate:	Rapid	Seeds/Helicopters?	Virtually seedless
Other Info:	Autumn Blaze Maple was the 97' Iowa Tree of the Year and the 04' Urban tree of the year, chosen by the Society of Municipal Arborists.		

Variety:	Autumn Fantasy	<i>Acer x freemanii 'Autumn Fantasy'</i>	Zone: 4
H x W:	45-50' x 35-40'	Type:	Freeman Maple (silver/red maple cross)
Form:	Dense, oval	Foliage/Fall Color:	Fall: Red to burgundy
Growth Rate:	Rapid	Seeds/Helicopters?	Virtually seedless
Other Info:	While extremely similar to 'Autumn Blaze', this tree doesn't get as large and its fall color has more purple tones. Freeman maples do very well in a variety of soils and will even tolerate short periods of standing water. They also perform well in polluted, urban settings.		

Variety:	Autumn Spire	<i>Acer rubrum 'Autumn Spire'</i>	Zone: 3
H x W:	50' x 20-25'	Type:	Red Maple
Form:	Broad, columnar	Foliage/Fall Color:	Fall: Bright red
Growth Rate:	Moderate	Seeds/Helicopters?	Some may not produce seed, other produce large volumes
Other Info:	Extremely cold hard, 'Autumn Spire' is an excellent option for the lake cabin. Its leaves color up early in the fall; providing a long-lasting show. This tree is tolerant of dry & wet soils; as well as extreme cold & heat. Best growth occurs in moist, well-drained soils with a low pH.		

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Maples- continued...

Variety:	Black	<i>Acer saccharum ssp. nigrum</i>	Zone: 4
H x W:	50-75' x 50'	Type:	Sugar Maple subspecies
Form:	Broad, rounded	Foliage/Fall Color:	Fall: Gold to red
Growth Rate:	Slow	Seeds/Helicopters?	Yes
Other Info:	For those who crave sugar maples and lack the loamy, acidic soil that they seem to mandate, this is a great alternative. Black sugar maples handle hot, dry weather with grace.		

Variety:	Bowhall	<i>Acer rubrum 'Bowhall'</i>	Zone: 4
H x W:	40' x 15'	Type:	Red Maple
Form:	Narrow, upright	Foliage/Fall Color:	Fall: Shades of yellow, orange and rust
Growth Rate:	Moderate to rapid	Seeds/Helicopters?	Yes- red samaras in April and May
Other Info:	Upright and slender, this red maple is perfect for tight spots. Red maples show good tolerance of occasional periods of flooding and drought.		

Variety:	Burgundy Belle®	<i>Acer rubrum 'Magnificent Magenta'</i>	Zone: 4
H x W:	45' x 45'	Type:	Red Maple
Form:	Rounded oval	Foliage/Fall Color:	Fall: Red to magenta-burgundy
Growth Rate:	Moderate to rapid	Seeds/Helicopters?	Yes, moderate quantity
Other Info:	Moderately sized and nicely shaped, this red maple combines a desirable form with spectacular color. The fall display lasts up to six weeks. This plant was originally discovered and propagated in Kansas.		

Variety:	Fall Fiesta®	<i>Acer saccharum 'Bailsta'</i>	Zone: 3
H x W:	50-75' x 50'	Type:	Sugar Maple
Form:	Upright, rounded	Foliage/Fall Color:	Fall: Yellow, orange and red
Growth Rate:	Moderate, good for species	Seeds/Helicopters?	Yes
Other Info:	'Fall Fiesta' was originally noticed for its vigorous habit, nice shape and heat tolerance. This is one of few sugar maples that shows good resistance to leaf tatter during hot, dry weather. It leaves have a waxy cuticle that protects them. This tree has reliably good fall color.		

Variety:	Firefall™	<i>Acer x freemanii 'AF#1'</i>	Zone: 4
H x W:	40-60' x 30-40'	Type:	Freeman Maple (silver/red maple cross)
Form:	Oval, upright	Foliage/Fall Color:	Fall: Bright orange to red
Growth Rate:	Rapid	Seeds/Helicopters?	Seedless male selection
Other Info:	Sturdily branched and upright growing, this Freeman maple has good structural integrity. Fall color develops early, allowing plenty of time for all to enjoy it. This tree was developed by the University of Minnesota.		

Variety:	Green Mountain®	<i>Acer saccharum 'Green Mountain'</i>	Zone: 4
H x W:	50-75' x 35-40'	Type:	Sugar Maple
Form:	Upright to broad pyramidal	Foliage/Fall Color:	Fall: Orange to scarlet
Growth Rate:	Moderate to rapid	Seeds/Helicopters?	Yes
Other Info:	This tree is extremely sturdy with a nice, straight trunk and good branch angles. Its thick, dark green leaves are equally durable; resisting scorch & leafhoppers. Even in hot, dry, windy weather; this tree looks good. When autumn arrives, 'Green Mountain' becomes even prettier.		

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Maples- continued...

Variety:	Hot Wings™	<i>Acer tataricum 'GarAnn' PP15,023</i>	Zone: 3
H x W:	20' x 16'	Type:	Tatarian maples
Form:	Upright, spreading	Foliage/Fall Color:	Fall: Yellow-red
Growth Rate:	Rapid	Seeds/Helicopters?	Yes, showy red
Other Info:	This lovely, small tree is a great replacement for amur maples. Growing much the same way with many similar attributes, this tree does not seem to be on any invasive species lists as of yet. In fact, its showy red helicopters are valued for their ornamental appeal.		

Variety:	Korean	<i>Acer pseudosieboldianum</i>	Zone: 4
H x W:	15' + x 10' +	Type:	Korean maple
Form:	Upright, rounded	Foliage/Fall Color:	Fall: Yellow, orange, red
Growth Rate:	Slow	Seeds/Helicopters?	Yes
Other Info:	Many people wish that they could grow Japanese maples in Minnesota. This is the next, best thing. Its palmate leaves are distinctly different from those of other maples. Exfoliating bark is also interesting. Best of all, this tree will flourish in afternoon shade; as it prefers cool areas.		

Variety:	Majesty	<i>Acer saccharum 'Flax Mill'</i>	Zone: 4
H x W:	50-75' x 50-60'	Type:	Sugar Maple
Form:	Uniform, oval	Foliage/Fall Color:	Fall: Orange to red
Growth Rate:	Moderate	Seeds/Helicopters?	Yes
Other Info:	Here is an excellent tree for those who demand uniformity. A nice, straight leader and abundant, evenly spaced branches make this tree both attractive and strong. Good resistance to cracking and splitting has also been demonstrated.		

Variety:	Matador™	<i>Acer x freemanii 'Bailston'</i>	Zone: 4
H x W:	40-45' x 20-40'	Type:	Freeman Maple (silver/red maple cross)
Form:	Upright, oval, symmetrical	Foliage/Fall Color:	Orange red to deep maroon
Growth Rate:	Rapid	Seeds/Helicopters?	Yes
Other Info:	While 'Matador' colors up later than some of its relatives, its leaves cling on until late in the season. A nice, tidy shape and undeniably good fall color are its claims to fame.		

Variety:	Red Rocket	<i>Acer rubrum 'Red Rocket'</i>	Zone: 3
H x W:	30-35' x 8'	Type:	Red Maple
Form:	Tight, columnar	Foliage/Fall Color:	Bright orange-red
Growth Rate:	Moderate	Seeds/Helicopters?	Yes
Other Info:	Here is another great, skinny tree for tight spaces. Very cold hardy and impressively pest resistant, 'Red Rocket' is as tough as it is attractive.		

Variety:	Royal Red	<i>Acer platanoides 'Royal Red'</i>	Zone: 4
H x W:	35-40' x 25'	Type:	Norway Maple- red leaved
Form:	Broad, oval	Foliage/Fall Color:	Early Spring: Bright red Summer: Maroon
Growth Rate:	Slow	Seeds/Helicopters?	Yes
Other Info:	'Royal Red' is slow growing, but worth the wait. Burgundy-leaved trees grow into beautifully symmetrical specimens with nice, straight trunks.		

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Maples- continued...

Variety:	Scarlet Jewel™	<i>Acer rubrum 'Bailcraig'</i>	Zone: 3
H x W:	70' x 30'	Type:	Red Maple
Form:	Upright, symmetrical	Foliage/Fall Color:	Fall: Rich red, colors up early
Growth Rate:	Moderate to rapid	Seeds/Helicopters?	Yes
Other Info:	Red spring flowers and brilliant fall color give this cultivar significant, ornamental appeal. Selected from northern Minnesota, 'Scarlet Jewel' is very hardy and resists frost cracking.		

Variety:	Sienna Glen	<i>Acer x freemanii 'Sienna'</i>	Zone: 3
H x W:	60' x 40'	Type:	Freeman Maple (silver/red maple cross)
Form:	Pyramidal	Foliage/Fall Color:	Fall: Orange, red & burgundy
Growth Rate:	Rapid	Seeds/Helicopters?	Virtually seedless
Other Info:	'Sienna Glen' grows quickly without compromising its structural integrity. Well distributed branches hold on to small leaves that turn many different shades in the fall. This tree is not picky about soil pH. It withstands wet soils, strong winds, and doesn't crack or dieback in winter.		

Variety:	State Street	<i>Acer miyabei 'Morton'</i>	Zone: 4
H x W:	20-25' x 15-20'+	Type:	Miyabe Maple
Form:	Pyramidal	Foliage/Fall Color:	Fall: Shades of yellow
Growth Rate:	Slow to moderate	Seeds/Helicopters?	Yes
Other Info:	Originally discovered in Japan, and first planted in the U.S. in 1929, this underused maple is very tolerant of adverse conditions. Thick leaves resist tattering, and thick bark seems unlikely to crack. 'State Street' will tolerate heat, drought, salt and pollution.		

Variety:	Sun Valley	<i>Acer rubrum 'Sun Valley'</i>	Zone: 4
H x W:	20-25' x 10-15'	Type:	Red Maple
Form:	Oval, symmetrical	Foliage/Fall Color:	Bright red
Growth Rate:	Moderate to rapid	Seeds/Helicopters?	Seedless male selection
Other Info:	While this tree stays relatively small, it packs a punch with its red fall color that lasts for a very long time. Leafhopper resistance is another plus.		