

# Alternatives to Ash (*Fraxinus* spp.)

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As the Emerald Ash Borer (EAB) continues to infest and kill native ash species in the upper Midwest (Michigan, Ohio, Indiana, and Illinois), nursery and landscape professionals in Iowa appropriately are reducing or eliminating green, white, black, and blue ash from their inventories and designs and replacing them with a host of other useful and pest-resistant tree species. While not all-inclusive, this list does describe some of today's best shade tree selections suitable for the Iowa landscape.

<u>Deciduous Shade Trees</u>	<u>Height/Width</u>	<u>Growth Habit</u>
<u><i>Acer ×freemanii</i> - Freeman maple</u>		
'Jeffersred' ( <b>Autumn Blaze</b> <sup>®</sup> )	50'/45'	Broadly-oval
'DTR 102' ( <b>Autumn Fantasy</b> <sup>®</sup> )	40'/30'	Broadly-oval
'Marmo'	50'/30'	Upright-oval
'Morgan' ('Indian Summer')	45'/40'	Rounded
'Sienna' ( <b>Sienna Glen</b> <sup>®</sup> )	45'/35'	Pyramidal
<u><i>Acer miyabei</i> – miyabe maple</u>		
'Morton' ( <b>State Street</b> <sup>™</sup> )	45'/30'	Upright-oval
<u><i>Acer platanoides</i> - Norway maple</u>		
'Deborah'	45'/40'	Rounded
'Ezestre' ( <b>Easy Street</b> <sup>™</sup> )	40'/20'	Narrow-pyramidal
'Fairview'	45'/35'	Upright-oval
'Pond' ( <b>Emerald Lustre</b> <sup>™</sup> )	45'/40'	Rounded
'Emerald Queen'	50'/40'	Broadly-oval
'Princeton Gold'	35'/30'	Oval
<u><i>Acer truncatum</i> × <i>platanoides</i> - hybrid maple</u>		
'Warrenred' ( <b>Pacific Sunset</b> <sup>®</sup> )	30'/25'	Upright-spreading

	<u>Height/Width</u>	<u>Growth Habit</u>
<u><i>Acer rubrum</i> - red maple</u>		
'Bailcraig' ( <b>Scarlet Jewell</b> <sup>™</sup> )	50'/30'	Upright
'Franksred' ( <b>Red Sunset</b> <sup>®</sup> )	45'/35'	Upright-oval
'Magnificent Magenta' ( <b>Burgundy Belle</b> <sup>®</sup> )	50'/40'	Oval
'Frank Jr.' ( <b>Redpointe</b> <sup>™</sup> )	45'/30'	Pyramidal
'New World'	40'/20'	Narrow-oval
'Polaris' ( <b>Rubyfrost</b> <sup>™</sup> )	45'/40'	Broadly-oval
<u><i>Acer saccharinum</i> - silver maple</u>		
'Silver Cloud'	50'/30'	Upright-oval
'Skinneri'	50'/40'	Upright-oval
<u><i>Acer saccharum</i> - sugar maple</u>		
'Bailsta' ( <b>Fall Fiesta</b> <sup>™</sup> )	50'/50'	Upright-rounded
'Commemoration'	50'/35'	Oval-rounded
'Endowment'	50'/20'	Columnar
'Legacy'	50'/35'	Oval
'Morton' ( <b>Crescendo</b> <sup>™</sup> )	40'/30'	Broadly-oval
'Green Mountain'	45'/35'	Broadly-oval
<u><i>Alnus hirsuta</i> – Manchurian alder</u>		
'Harbin' ( <b>Prairie Horizon</b> <sup>®</sup> )	40'/30'	Upright
<u><i>Betula nigra</i> – river birch</u>		
'Cully' ( <b>Heritage</b> <sup>®</sup> )	45'/30'	Oval
<u><i>Betula platyphylla</i> – Asian white birch</u>		
'VerDale' ( <b>Prairie Vision</b> <sup>®</sup> )	35'/30'	Upright-oval
<u><i>Betula populifolia</i> – gray birch</u>		
'Whitespire Sr.'	40'/25'	Pyramidal-oval
<i>Celtis occidentalis</i> - hackberry	50'/30'	Ascending/arching
<i>Corylus colurna</i> – Turkish filbert	40'/30'	Pyramidal

	<u>Height/Width</u>	<u>Growth Habit</u>
<u><i>Ginkgo biloba</i> - ginkgo</u>		
'Autumn Gold'	45'/35'	Broadly-pyramidal
'Halka'	45'/40'	Oval
'Magyar'	60'/40'	Upright-oval
'PNI 2720' ( <b>Princeton Sentry</b> <sup>®</sup> )	40'/15'	Narrow-pyramidal
'JFS-UGA2' ( <b>Golden Colonnade</b> <sup>™</sup> )	45'/25'	Narrow-oval
'The President' ( <b>Presidential Gold</b> <sup>™</sup> )	50'/40'	Broadly-pyramidal
<u><i>Gleditsia triacanthos</i> var. <i>inermis</i> - honeylocust</u>		
'Harve' ( <b>Northern Acclaim</b> <sup>™</sup> )	45'/35'	Upright-spreading
'Skycole' ( <b>Skyline</b> <sup>®</sup> )	50'/35'	Pyramidal
<u><i>Gymnocladus dioica</i> - Kentucky coffeetree</u>		
'Espresso'	50'/35'	Oval
<i>Maackia amurensis</i> – Amur maackia	25'/25'	Upright-spreading
<i>Magnolia acuminata</i> – cucumbertree	50-80'/40-60'	Rounded
<u><i>Phellodendron</i> spp. – cork tree</u>		
'Longenecker' ( <b>Eye Stopper</b> <sup>™</sup> )	40'/35'	Rounded
'His Majesty'	40'/35'	Vase-shaped
<i>Quercus alba</i> – white oak	50-70'/40-80'	Spreading
<i>Quercus bicolor</i> - swamp white oak	60'/60'	Rounded
<i>Quercus macrocarpa</i> - bur oak	50-80'/40-80'	Spreading
<i>Quercus rubra</i> - red oak	60-75'/60'	Spreading
<u><i>Quercus</i> × - hybrid oak</u>		
'Clemons' ( <b>Heritage</b> <sup>®</sup> )	40-50'/40-50'	Broadly-pyramidal
'Long' ( <b>Regal Prince</b> <sup>®</sup> )	45'/18'	Narrow-oval

	<u>Height/Width</u>	<u>Growth Habit</u>
<u><i>Tilia americana</i> - American linden</u>		
'Boulevard'	60'/30'	Pyramidal
'Wandell' ( <b>Legend</b> <sup>®</sup> )	40'/30'	Broad-pyramidal
'McKSentry' ( <b>American Sentry</b> <sup>™</sup> )	45'/30'	Pyramidal
'Lincoln'	35'/25'	Pyramidal
'Redmond'	50'/35'	Pyramidal
<u><i>Tilia cordata</i> - littleleaf linden</u>		
'Baileyi' ( <b>Shamrock</b> <sup>®</sup> )	40'/30'	Pyramidal
'Glenleven'	45'/30'	Pyramidal
'Ronald' ( <b>Norlin</b> <sup>™</sup> )	40'/30'	Pyramidal
<u><i>Tilia mongolica</i> - Mongolian linden</u>		
'Harvest Gold'	30-40'/25-30'	Upright-oval
<u><i>Ulmus americana</i> - American elm</u>		
'New Harmony'	70'/70'	Vase-shaped
'Princeton'	60'/40'	Vase-shaped
<u><i>Ulmus davidiana</i> var. <i>japonica</i> - Japanese elm</u>		
'Discovery'	40'/30'	Vase-shaped
<u><i>Ulmus wilsoniana</i> – Wilson elm</u>		
'Prospector'	50'/25'	Vase-shaped
<b><i>And many other hybrid elms including...</i></b>		
'Morton' ( <b>Accolade</b> <sup>®</sup> )		
'Morton Glossy' ( <b>Triumph</b> <sup>™</sup> )		