

## Shade Trees for Iowa – Ash Alternatives

This document lists several shade tree selections suitable for the Iowa landscape. Nursery and landscape professionals have eliminated green, white, black, pumpkin, and blue ash from their inventories and designs since they are susceptible to the emerald ash borer, which kills ash trees. This destructive pest has been found in several states in the upper Midwest.

While not all-inclusive, this list does describe many useful species, many which are also pest-resistant. Not all trees appearing on this list will thrive in every landscape situation. Great care must be taken to carefully match trees to sites (including above- and below-ground spatial and environmental constraints) and to complement existing species so that a diverse tree canopy will be maintained. A healthy and diverse tree population is the best defense against current and future tree pests.

Deciduous Shade Trees Alder	Height/Width	Growth Habit
Manchurian alder – Alnus hirsuta 'Harbin' <b>(Prairie Horizon®)</b>	40 feet/30 feet	Upright
Amur maackia – Maackia amurensis	25 feet/25 feet	Upright spreading
Baldcypresses  Baldcypress – Taxodium distichum  'Mickelson' (Shawnee Brave®)  'JFS-SGPN' (Green Whisper™)	55 feet/20 feet 55 feet/30 feet	Narrow pyramid Pyramidal
Birches		
Asian white birch – Betula platyphylla 'VerDale' <b>(Prairie Vision)</b> Gray birch – Betula populifolia	35 feet/30 feet	Upright oval
'Whitespire Sr'	40 feet/25 feet	Pyramidal oval
River birch – <i>Betula nigra</i> 'Cully' <b>(Heritage®)</b> Whitebarked Himalayan birch – <i>Betula utilis</i>	45 feet/30 feet	Oval
'Madison' (White Satin™)	35 feet/20 feet	Broadly pyramidal

Coffeetree Kentucky coffeetree – Gymnocladus dioicus 'Espresso'  Cork trees  Cork tree – Phellodendron species 'Longnecker' (Eye Stopper™)	Deciduous Shade Trees Black gum/Black tupelo – Nyssa sylvatica	Height/Width 35 feet/30 feet	<b>Growth Habit</b> Pyramidal spreading
Cork tree − Phellodendron species     "Longnecker' (Eye Stopper™)	Kentucky coffeetree – Gymnocladus dioicus	50 feet/30 feet	Oval
'Longnecker' (Eye Stopper™) 'His Majesty' 'Au feet/35 feet Vase-shaped  Elms  American elm − Ulmus americana  'Jefferson' 'Princeton' 'Lewis & Clark' (Prairie Expedition™) 'Valley Forge' Asian Elm Cultivars and Hybrids 'Morton' (Accolade™) 'New Horizon' 'New Horizon' 'New Horizon' 'Autumn Gold' 'Patriot' 'Patriot' 'Patriot' 'Bibert  Turkish filbert − Corylus colurna  Ginkgo Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'The President' (Presidential Gold®)  Hackberries Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™)  Hackberries Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™)  Autumar Gold Prosepostories of the Columnar 'Prospector' 'Prospector' 'Prospector' 'Prospector' 'Pospector' 'Prospector' 'Prospector			
American elm − Ulmus americana  'Jefferson' 70 feet/50 feet Vase-shaped  'Princeton' 60 feet/40 feet Vase-shaped  'Lewis & Clark' (Prairie Expedition™) 60 feet/50 feet Umbrella-shaped  'New Harmony' 70 feet/70 feet Vase-shaped  'Valley Forge' 70 feet/70 feet Vase-shaped  'Valley Forge' 70 feet/70 feet Vase-shaped  'Asian Elm Cultivars and Hybrids  'Morton' (Accolade™) 70 feet/60 feet Vase-shaped  'Morton Glossy' (Triumph™) 55 feet/45 feet Vase-shaped  'New Horizon' 70 feet/70 feet Upright oval  'Prospector' 40 feet/30 feet Vase-shaped  'Discovery' 50 feet/40 feet Vase-shaped  European and Eurasian Hybrids  'Patriot' 50 feet/40 feet Stiff vase-shaped  Filbert  Turkish filbert − Corylus colurna 40 feet/30 feet Pyramidal  Ginkgo  Ginkgo − Ginkgo biloba  'Autumn Gold' 45 feet/40 feet Doval  'Magyar' 60 feet/40 feet Upright oval  'Magyar' 60 feet/40 feet Upright oval  'PNI 2720' (Princeton Sentry®) 40 feet/15 feet Narrow pyramidal  'JFS-UGA2' (Golden Colonnade®) 45 feet/25 feet Narrow oval  'The President' (Presidential Gold®) 50 feet/40 feet Broadly pyramidal  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSUI' (Prairie Sentinel™) 45 feet/12 feet Columnar  'Chicagoland' 50 feet/40 feet Broadly pyramidal	·		
'Jefferson' 'Princeton' 'Princeton' 'Lewis & Clark' (Prairie Expedition™) 'No feet/40 feet Vase-shaped 'New Harmony' 'No feet/70 feet Vase-shaped 'New Harmony' 'Valley Forge' 'Valley Forge' 'Valley Forge' 'Asian Elm Cultivars and Hybrids 'Morton' (Accolade™) 'New Horizon' 'New Horizon' 'Prospector' 'Prospector' 'Prospector' 'Discovery' European and Eurasian Hybrids 'Patriot'  Filbert  Turkish filbert − Corylus colurna  Ginkgo Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Autumn Gold' 'Halka' 'Autumn Gold' 'Halka' 'Ay feet/40 feet Oval 'Magyar' 'Golden Colonnade®) 'PNI 2720' (Princeton Sentry®) 'The President' (Presidential Gold®)  Hackberrry − Celtis occidentalis 'JFS-KSUl' (Prairie Sentinel™) 'Chicagoland'  Yo feet/40 feet Unright oval Vase-shaped Va	Elms		
Princeton' 'Lewis & Clark' (Prairie Expedition™)  60 feet/40 feet 'Lewis & Clark' (Prairie Expedition™)  70 feet/70 feet 'New Harmony' 'Valley Forge'  Asian Elm Cultivars and Hybrids 'Morton' (Accolade™)  70 feet/60 feet 'New Horizon' 'New Horizon'  70 feet/70 feet  Vase-shaped 'Norton Glossy' (Triumph™)  55 feet/45 feet  Vase-shaped 'New Horizon'  70 feet/70 feet  Upright oval 'Prospector'  10 feet/30 feet  Vase-shaped  Vase-shaped  Vase-shaped  Prospector'  10 feet/30 feet  Vase-shaped  Vase-shaped  Vase-shaped  Filbert  Turkish filbert − Corylus colurna  Filbert  Turkish filbert − Corylus colurna  40 feet/30 feet  Fyramidal  Fildert  Furkish filbert − Corylus colurna  Fildert  Filbert  Turkish filbert − Corylus colurna  Filbert  Fyramidal			
'Lewis & Clark' (Prairie Expedition™)  'New Harmony'  'Valley Forge'  Asian Elm Cultivars and Hybrids  'Morton (Accolade™)  'Morton Glossy' (Triumph™)  'New Horizon'  'Prospector'  'Discovery'  European and Eurasian Hybrids  'Patriot'  Filbert  Turkish filbert − Corylus colurna  Ginkgo  Ginkgo − Ginkgo biloba  'Autumn Gold'  'Halka'  'Halka'  'Halka'  'Bayaya'  PNI 2720' (Princeton Sentry®)  J'FS-UGA2' (Golden Colonnade®)  Thackberries  Hackberry − Celtis occidentalis  'J'FS-KSU1' (Prairie Sentinel™)  Asian Elm Cultivars and Hybrids  'O feet/70 feet  Vase-shaped  Vase-s	<u> </u>		
'New Harmony' 'Valley Forge' Asian Elm Cultivars and Hybrids 'Morton' (Accolade™) 'Norton' (Accolade™) 'Norton Glossy' (Triumph™) 'S feet/45 feet Vase-shaped 'New Horizon' 'New Horizon' 'Prospector' 'Discovery' 'Discovery' 'Patriot'  Filbert  Turkish filbert − Corylus colurna  Ginkgo  Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'PNI 2720' (Princeton Sentry®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  Asian Elm Cultivare Vase-shaped			*
'Valley Forge' 70 feet/70 feet Vase-shaped  Asian Elm Cultivars and Hybrids     'Morton' (Accolade™) 70 feet/60 feet Vase-shaped     'Morton Glossy' (Triumph™) 55 feet/45 feet Vase-shaped     'New Horizon' 70 feet/70 feet Upright oval     'Prospector' 40 feet/30 feet Vase-shaped     'Discovery' 50 feet/40 feet Vase-shaped     European and Eurasian Hybrids         'Patriot' 50 feet/40 feet Stiff vase-shaped  Filbert  Turkish filbert − Corylus colurna 40 feet/30 feet Pyramidal  Ginkgo  Ginkgo − Ginkgo biloba	• • • • • • • • • • • • • • • • • • •		
Asian Elm Cultivars and Hybrids     'Morton' (Accolade™) 70 feet/60 feet Vase-shaped     'Morton Glossy' (Triumph™) 55 feet/45 feet Vase-shaped     'New Horizon' 70 feet/70 feet Upright oval     'Prospector' 40 feet/30 feet Vase-shaped     'Discovery' 50 feet/40 feet Vase-shaped     'Discovery' 50 feet/40 feet Vase-shaped     European and Eurasian Hybrids			
'Morton' (Accolade™) 'Morton Glossy' (Triumph™) 'New Horizon' 'New Horizon' 'Prospector' 'Biscovery' 'Buropean and Eurasian Hybrids 'Patriot'  Filbert  Turkish filbert − Corylus colurna  Ginkgo  Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Magyar' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'PS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Findert Vase-shaped  Fol feet/40 feet  Broadly pyramidal  Folicagoland'  Vase-shaped  Vas		/U feet//U feet	vase-snaped
'Morton Glossy' (Triumph™)  'New Horizon' 'Prospector' 'Prospector' 'Discovery' 'Discovery' 'Patriot'  Filbert  Turkish filbert − Corylus colurna  Ginkgo  Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Magyar' 'Magyar' 'Byli 2720' (Princeton Sentry®) 'Pin 2720' (Princeton Sentry®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberries  Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  You feet/40 feet  Vase-shaped Vase-shaped  Pyramidal  Broadly pyramidal  Vase-shaped  Vase-shaped  Vase-shaped  Vase-shaped  Vase-shaped  Vase-shaped  Vase-shaped  Vase-shaped  Vase-shaped  Pyramidal  45 feet/35 feet  Broadly pyramidal  Hackberries  Hackberries  Hackberries  Hackberries  Hackberries  Broadly pyramidal		70 foot/60 foot	Vaca shapad
'New Horizon' 'Prospector' 'Prospector' 'Discovery' 'Discovery' 'European and Eurasian Hybrids 'Patriot' 'Patriot' 'So feet/40 feet 'Stiff vase-shaped  Filbert  Turkish filbert − Corylus colurna  Ginkgo  Ginkgo − Ginkgo biloba  'Autumn Gold' 'Halka' 'Magyar' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'PS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberries  Hackberries  Hackberries  Hackberrie Sentinel™)  Ho feet/12 feet  Columnar 'Chicagoland'  Youse-shaped  Filbert  70 feet/40 feet  Vase-shaped  Pyramidal  40 feet/30 feet  Pyramidal  Pyramidal  45 feet/35 feet  Broadly pyramidal  45 feet/40 feet  Upright oval  Upright oval  Val  Narrow pyramidal  Feet/25 feet  Narrow oval  The President' (Presidential Gold®)  To feet/40 feet  Broadly pyramidal			
'Prospector' 'Discovery' 'Discovery' 'European and Eurasian Hybrids 'Patriot' 'Patriot' 'Patriot' 'Patriot' 'So feet/40 feet 'Discovery' 'Patriot' 'So feet/40 feet 'Stiff vase-shaped  Filbert  Turkish filbert − Corylus colurna  Ginkgo  Ginkgo − Ginkgo biloba  'Autumn Gold' 'Autumn Gold' 'Halka' 'Magyar' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'PNI 2720' (Princeton Sentry®) 'The President' (Presidential Gold®)  Hackberries  Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  Ho feet/40 feet  Vase-shaped  Foundation  40 feet/40 feet  Pyramidal  Pyramidal  45 feet/35 feet  Broadly pyramidal  45 feet/15 feet  Narrow pyramidal  Narrow oval  The President' (Presidential Gold®)  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  Ho feet/40 feet  Columnar  Columnar  Foo feet/40 feet  Broadly pyramidal			
'Discovery' European and Eurasian Hybrids 'Patriot'  Filbert Turkish filbert − Corylus colurna  Ginkgo Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Magyar' 'Magyar' (Princeton Sentry®) (PS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  'So feet/40 feet  Folicet/40 feet  Vase-shaped  Stiff vase-shaped  Ad feet/30 feet  Pyramidal  Pyramidal  40 feet/30 feet  Pyramidal  Pyramidal  Pyramidal  Pyramidal  Proval  45 feet/40 feet  Pyramidal  Proval  45 feet/40 feet  Narrow pyramidal  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  45 feet/12 feet  Columnar  Fon det/40 feet  Broadly pyramidal			1 0
European and Eurasian Hybrids	•		*
Filbert Turkish filbert − Corylus colurna  Ginkgo Ginkgo − Ginkgo biloba 'Autumn Gold' 'Halka' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'JFS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  Filbert  40 feet/40 feet Pyramidal Pyramidal Pyramidal  45 feet/35 feet Broadly pyramidal Hofeet/40 feet Upright oval Offeet/40 feet Narrow pyramidal Hofeet/25 feet Narrow oval Froadly pyramidal Hofeet/40 feet Broadly pyramidal		30 1000 10 1000	, also shaped
Ginkgo Ginkgo – Ginkgo biloba  'Autumn Gold' 'Halka' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'JFS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberries  Hackberry – Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  40 feet/30 feet Broadly pyramidal 45 feet/40 feet Broadly pyramidal 45 feet/25 feet Narrow oval 50 feet/40 feet Broadly pyramidal	,	50 feet/40 feet	Stiff vase-shaped
Ginkgo — Ginkgo biloba  'Autumn Gold' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'JFS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberry — Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  Ginkgo — Ginkgo biloba  45 feet/35 feet Broadly pyramidal  45 feet/40 feet Upright oval  40 feet/15 feet Narrow pyramidal  45 feet/25 feet Narrow oval  50 feet/40 feet Broadly pyramidal	Filbert		
Ginkgo − Ginkgo biloba  'Autumn Gold'  'Halka'  'Magyar'  'PNI 2720' (Princeton Sentry®)  'JFS-UGA2' (Golden Colonnade®)  'The President' (Presidential Gold®)  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  45 feet/35 feet  Hackberry − Get Upright oval  Ho feet/15 feet  Narrow pyramidal  Ho feet/25 feet  Narrow oval  Fo feet/40 feet  Broadly pyramidal	Turkish filbert – Corylus colurna	40 feet/30 feet	Pyramidal
'Autumn Gold' 'Halka' 'Halka' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'JFS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberries  'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  H5 feet/40 feet  H5 feet/40 feet  H5 feet/40 feet  H5 feet/25 feet  H5 feet/25 feet  H5 feet/40 feet  H5 feet/12 feet  H5 feet/12 feet  H5 feet/12 feet  H5 feet/40 feet  H5 feet/12 feet  H5 feet/40 feet  H7 feet/40 feet  H5 feet/12 feet  H5	Ginkgo		
'Halka' 'Magyar' 'PNI 2720' (Princeton Sentry®) 'JFS-UGA2' (Golden Colonnade®) 'The President' (Presidential Gold®)  Hackberries  Hackberries  Hackberry − Celtis occidentalis 'JFS-KSU1' (Prairie Sentinel™) 'Chicagoland'  45 feet/40 feet  Upright oval Upright oval Narrow pyramidal  Feet/25 feet Narrow oval Broadly pyramidal  V50 feet/40 feet  Columnar Foo feet/40 feet  Broadly pyramidal	Ginkgo – Ginkgo biloba		
'Magyar' (PNI 2720' (Princeton Sentry®) (JFS-UGA2' (Golden Colonnade®) (The President' (Presidential Gold®)  Hackberries Hackberry − Celtis occidentalis (JFS-KSU1' (Prairie Sentinel™) (Chicagoland')  60 feet/40 feet Upright oval Narrow pyramidal Narrow oval Feet/25 feet Narrow oval Broadly pyramidal			
'PNI 2720' (Princeton Sentry®)  'JFS-UGA2' (Golden Colonnade®)  'The President' (Presidential Gold®)  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  40 feet/15 feet Narrow pyramidal  Narrow oval  Broadly pyramidal  Various pyramidal  Narrow pyramidal  Narrow pyramidal  Narrow pyramidal			
'JFS-UGA2' (Golden Colonnade®)  'The President' (Presidential Gold®)  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  45 feet/25 feet  Broadly pyramidal  House of the president of the product of the p			1 0
The President' (Presidential Gold®)  50 feet/40 feet  Broadly pyramidal  Hackberries  Hackberry − Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  45 feet/12 feet  Columnar  50 feet/40 feet  Broadly pyramidal			
Hackberries  Hackberry – Celtis occidentalis  'JFS-KSU1' (Prairie Sentinel™)  'Chicagoland'  45 feet/12 feet  Columnar  50 feet/40 feet  Broadly pyramidal			
Hackberry – Celtis occidentalis  'JFS-KSU1' ( <b>Prairie Sentinel™</b> )  'Chicagoland'  45 feet/12 feet Columnar  50 feet/40 feet Broadly pyramidal	'The President' ( <b>Presidential Gold®</b> )	50 teet/40 teet	Broadly pyramidal
'JFS-KSU1' <b>(Prairie Sentinel™)</b> 45 feet/12 feet Columnar 'Chicagoland' 50 feet/40 feet Broadly pyramidal			
'Chicagoland' 50 feet/40 feet Broadly pyramidal	Hackberry – Celtis occidentalis		
0			
'Prairie Pride' 50 feet/40 feet Oval			, 1,
	'Prairie Pride'	50 feet/40 feet	Oval

Deciduous Shade Trees	Height/Width	Growth Habit
Honeylocusts		
Honeylocust – Gleditsia triacanthos var. inermis		
'Draves' (Street Keeper <sup>TM</sup> )	45 feet/20 feet	Narrow upright
'Harve' <b>(Northern Acclaim™)</b>	45 feet/35 feet	Upright spreading
'Skycole' <b>(Skyline®)</b>	50 feet/35 feet	Pyramidal
Hophornbeam		
American hophornbeam – Ostrya virginiana	40 feet/25 feet	Upright oval
Horsechestnuts		
Common horsechestnut – Aesculus hippocastanum		
'Baumannii'	50 feet/40 feet	Broadly oval
Red horsechestnut – Aeculus x carnea		
'Briotii'	30 feet/35 feet	Round
'Fort McNair'	30 feet/30 feet	Round
Lindens		
American linden – Tilia Americana		
'Boulevard'	60 feet/30 feet	Pyramidal
'Continental Appeal'	50 feet/30 feet	Narrow oval
'Wandell' <b>(Legend®)</b>	40 feet/30 feet	Broad pyramidal
'McKSentry' (American Sentry®)	45 feet/30 feet	Pyramidal
'Lincoln'	35 feet/25 feet	Pyramidal
'Redmond'	50 feet/35 feet	Pyramidal
Hybrid Linden – Tilia x flavescens (americana x cordata)		,
'Glenleven'	50 feet/30 feet	Pyramidal
Littleleaf linden – Tilia cordata		,
'Baileyi' <b>(Shamrock®)</b>	40 feet/30 feet	Pyramidal
'Corzam' <b>(Corinthian®)</b>	45 feet/15 feet	Narrow pyramidal
'Ronald' (Norlin™)	40 feet/30 feet	Pyramidal
Mongolian linden – Tilia mongolica		,
'Harvest Gold'	30-40 feet/25-30 feet	Upright oval
Silver linden – Tilia tomentosa		F8
'PNI 6051' (Green Mountain®)	45 feet/35 feet	Broad pyramidal
'Sterling'	45 feet/35 feet	Broad pyramidal
Magnolias		
Cucumbertree – Magnolia acuminata	50-80 feet/40-60 feet	Upright oval

Deciduous Shade Trees	Height/Width	Growth Habit
Maples	60 (	D 1 1:
Black maple – Acer nigrum	60 feet/60 feet	Round spreading
Freeman maple – Acer x freemanii	50 (	D 11
'Jeffersred' (Autumn Blaze®)	50 feet/45 feet	Broadly oval
'DTR 102' (Autumn Fantasy®)	40 feet/30 feet	Broadly oval
'Marmo'	50 feet/30 feet	Upright oval
'Bailston' (Matador™)	40 feet/30 feet	Upright oval
'Morgan' ('Indian Summer')	45 feet/40 feet	Rounded
'Sienna' (Sienna Glen®)	45 feet/35 feet	Pyramidal
'UMNAF#1' <b>(Firefall™)</b>	50 feet/30 feet	Upright oval
Hybrid maple – Acer truncatum $x$ platanoides		
'Warrenred' (Pacific Sunset®)	30 feet/25 feet	Upright spreading
'JFS-KW202' (Crimson Sunset™)	35 feet/25 feet	Upright oval
Miyabe maple – Acer miyabei		
'Morton' (State Street <sup>TM</sup> )	45 feet/30 feet	Upright oval
Red maple – Acer rubrum		
'Bailcraig' <b>(Scarlet Jewell™)</b>	50 feet/30 feet	Upright
'Franksred' <b>(Red Sunset®)</b>	45 feet/35 feet	Upright oval
'Magnificent Magenta' (Burgundy Belle®)	50 feet/40 feet	Oval
'Frank Jr.' <b>(Redpointe™)</b>	45 feet/30 feet	Pyramidal
'New World'	40 feet/20 feet	Narrow oval
'Polara' <b>(Rubyfrost™)</b>	45 feet/40 feet	Broadly oval
'Somerset'	45 feet/35 feet	Broadly oval
Sugar maple – Acer saccharum		,
'Bailsta' <b>(Fall Fiesta<sup>TM</sup>)</b>	50 feet/50 feet	Upright rounded
'Commemoration'	50 feet/35 feet	Oval rounded
'Legacy'	50 feet/35 feet	Oval
'Morton' (Crescendo™)	40 feet/30 feet	Broadly oval
'Green Mountain'	45 feet/35 feet	Broadly oval
Ologia illo dilitalia	73 1000 33 1000	Drough o var
Planetrees		
London planetree – <i>Platanus</i> x <i>acerifolia</i>		
'Bloodgood'	50 feet/40 feet	Broadly pyramidal
'Morton Circle' (Exclamation™)	55 feet/35 feet	Upright pyramidal
MORION CITCLE (Exclamation )	JJ ICCU JJ ICCI	Oprignt pyramidai

Deciduous Shade Trees	Height/Width	Growth Habit
Oaks	_	
Bur oak – Quercus macrocarpa	50-80 feet/40-80 feet	Spreading
'JFS-KW3' <b>(Urban Pinnacle™)</b>	55 feet/25 feet	Narrow pyramidal
Chinkapin Oak – Quercus muehlenbergii	45 feet/45 feet	Round
English/white oak – Quercus bimundorum		
'Crimschmidt' (Crimson Spire™)	45 feet/15 feet	Columnar
'Midwest' <b>(Prairie Stature</b> <sup>TM</sup> )	50 feet/40 feet	Broadly pyramidal
Hybrid oak – Quercus x		, 1,
'Long' (Regal Prince®)	45 feet/18 feet	Narrow Oval
Red oak – Quercus rubra	60-75 feet/60 feet	Spreading
Shingle oak – Quercus imbricaria	50 feet/40 feet	Broadly oval
Swamp white oak – Quercus bicolor	60 feet/60 feet	Round
White oak – Quercus alba	50-70 feet/40-80 feet	Spreading
Sweetgums		
Sweetgum — Liquidambar styraciflua		
'Clydesform; (Emerald Sentinel®)	30 feet/12 feet	Narrow pyramid
'Moraine'	40 feet/25 feet	Pyramidal

Prepared by Dr. Jeff Iles, professor and extension specialist, Department of Horticulture, Iowa State University. Revised 17 April 2017 by Gabbi Edwards, urban forestry specialist, Iowa State University Extension and Outreach. Photo: ISU Forestry Extension.

lowa State University Extension and Outreach does not discriminate on the basis of age, disability, ethnicity, gender identity, genetic information, marital status, national origin, pregnancy, race, color, religion, sex, sexual orientation, socioeconomic status, or status as a U.S. veteran. (Not all prohibited bases apply to all programs.) Inquiries regarding non-discrimination policies may be directed to the Diversity Officer, 2150 Beardshear Hall, 515 Morrill Road, Ames, lowa 50011, 515-294-1482, extdiversity@iastate.edu. All other inquiries may be directed to 800-262-3804.