

## Appendix F

### POTENTIAL STREET TREES

Common Name	Botanical Name	Growth Rate <sup>a</sup>	Form	Remarks
<b>TALL TREES -- 40-100 feet in height; plant at least 40-50 feet apart; columnar species, 20-30 feet apart</b>				
*Ash, Green (G.A.) <sup>b</sup>	Fraxinus pennsylvanica	F	Oval-irregular	Dry to wet soil; tolerates poor drainage; twiggy and weak-wooded; yellow fall color; pest or disease problem may limit use
Aerial G.A.	'Aerial'	F	Columnar	Narrow, upright branching
Marshall Seedless G.A.	'Marshall Seedless'	F	Oval	Seedless; glossy, dark green foliage; improved habit of growth
Patmore G.A.	'Patmore'	F	Oval	Seedless; shining green leaves; yellow fall color; straight trunk
Summit G.A.	'Summit'	F	Upright	Finer textured foliage
*Ash, White (W.A.) <sup>b</sup>	Fraxinus americana	M	Round	Moist soil; tolerates poor drainage; dioecious (requiring pollination); orange to purple fall color; salt-tolerant
Autumn Applause W.A.	'Autumn Applause'	M	Oval	Seedless; deep red fall color
Autumn Purple W.A.	'Autumn Purple'	M	Round	Seedless; superior fall color
Champaign County W.A.	'Champaign County'	M	Oval	Seedless; shiny dark green foliage; yellow to purplish fall color
Rosehill W.A.	'Rosehill'	S	Oval	Seedless; dark green foliage; bronze-red fall color
Skyline W.A.	'Skyline'	M	Oval	Seedless; upright habit
Elm, Hybrid (H.E.)	Ulmus x 'New Horizon'	F	Upright	Dutch elm disease resistant; urban
Regal H.E.	'Regal'	F	Upright	Dutch elm disease resistant; urban
Ginkgo (G.); Maidenhair Tree (male only)	Ginkgo biloba	S	Pyramidal	Urban; dioecious, females produce smelly fruits; fan-shaped leaves; golden yellow fall color
Autumn Gold G.	'Autumn Gold'	S	Conical	Urban; fruitless; yellow fall color
Lakeview G.	'Lakeview'	S	Columnar	Urban; fruitless; yellow fall color
Sentry G.	'Fastigiata'	S	Columnar	Fruitless; yellow fall color
*Hackberry, Common (C.H.)	Celtis occidentalis	M	Vase	Tolerates alkaline soils; "pebbled" bark; hard black fruits; yellowish fall color; pest or disease problem and witches' broom may limit use
Prairie Pride C.H.	'Prairie Pride'	M	Vase	Superior branch structure; glossier leaves; no witches' broom
Honeylocust, Thornless Common (T.C.H.)	Gleditsia triacanthos var. inermis	F	Vase	Tolerates poor drainage; thornless, as are all the following; pest or disease problem may limit use; salt-tolerant
Imperial T.C.H.	'Imperial'	F	Round	Podless; low-growing; flat-topped; pest or disease problem may limit use
Majestic T.C.H.	'Majestic'	F	Irregular	Podless; resistant to diseases; pest problems may limit use
Moraine T.C.H.	'Moraine'	F	Irregular	Usually fruitless; dense foliage
Shademaster T.C.H.	'Shademaster'	F	Irregular	Podless; vase shape in age; pest or disease problem may limit use
Skyline T.C.H.	'Skyline'	F	Upright	Podless; tends to form central leader; good golden fall color; pest or disease problem may limit use
Sunburst T.C.H.	'Sunburst'	F	Irregular	Podless; yellow new foliage; poor branch structure; pest or disease problem may limit use
Horsechestnut, Bauman	Aesculus hippocastanum 'Baumanni'	M	Round	Urban; showy white flowers; fruitless
Linden, Redmond	Tilia americana 'Redmond'	M	Pyramidal	Urban; dark green foliage

Common Name	Botanical Name	Growth Rate <sup>a</sup>	Form	Remarks
<b>TALL TREES -- 40-100 feet in height; plant at least 40-50 feet apart; columnar species, 20-30 feet apart (continued)</b>				
Linden, Littleleaf (L.L.)	Tilia cordata	S	Pyramidal	Urban; moist soil; fragrant flowers; poor branch structure, needs training while young; yellow fall color
Chancellor L.L.	'Chancellor'	S	Pyramidal	Uniform, upright habit
Glenleven L.L.	'Glenleven'	M	Pyramidal	Straight, upright habit
Greenspire L.L.	'Greenspire'	S	Pyramidal	Improved branching habit
Linden, Silver	Tilia tomentosa	S	Pyramidal	Tolerates heat and drought
*Maple, Red (R.M.)	Acer rubrum	F	Round	Moist, acid soil; tolerates poor drainage; smooth gray bark turns flaky with age; yellow, orange, or red fall color
Autumn Flame R.M.	'Autumn Flame'	F	Round	Early, scarlet fall color
Bowhall R.M.	'Bowhall'	F	Oval	Orange fall color
Red Sunset R.M.	'Red Sunset'	F	Round	Late, scarlet fall color
Schlesinger R.M.	'Schlesingeri'	F	Round	Red-orange fall color
*Maple, Sugar (S.M.)	Acer saccharum	M	Round	Sun; rich soil; salt-sensitive; oval when young; competitive roots; yellow, orange, or red fall color
Black Maple	ssp. nigrum	M	Round	Scorch-resistant; leathery leaves
Green Mountain S.M.	'Green Mountain'	M	Round	Scorch-resistant; leathery leaves
Legacy S.M.	'Legacy'	M	Round	Scorch-resistant; leathery leaves
Oak, Pin	Quercus palustris	M	Pyramidal	Moist, acid soil; acorns; pendulous lower branches; red fall color; iron chlorosis on alkaline soil
*Oak, Red	Quercus rubra	M	Round	Urban; pyramidal when young; acorns; red fall color; well-drained soil; often sold as Q. borealis
Zelkova, Japanese (J.Z.)	Zelkova serrata	M	Vase	Dutch elm disease resistant; urban; dark green foliage; yellow-orange-brown fall color
Green Vase J.Z.	'Green Vase'	F	Vase	Dutch elm disease resistant; more upright branching habit; bright green foliage; bronze-red fall color
Village Green J.Z.	'Village Green'	F	Vase	Dutch elm disease resistant; dark green foliage; rusty red fall color
<b>MEDIUM TREES -- 30-40 feet in height; plant at least 20-35 feet apart, depending on spread</b>				
Cherry, Sargent (S.C.)	Prunus sargentii	M	Upright	Sun; well-drained soil; early, pink flowers; red fall color
Columnar S.C.	'Columnaris'	M	Columnar	Glossy dark green foliage; red-orange fall color; polished bark
Elm, Lacebark; Chinese Elm	Ulmus parvifolia	M	Vase	Dutch elm disease resistant; exfoliating bark
Horsechestnut, Ruby Red	Aesculus x carnea 'Briotii'	S	Round	Rich, moist soil; cone-shaped red flowers; subject to sunscald; nearly fruitless
Pear, Callery (C.P.)	Pyrus calleryana	M	Round	Sun; early, white flowers; glossy dark green foliage; red fall color; weak branch structure needs training while young
Aristocrat C.P.	'Aristocrat'	M	Pyramidal	Glossy, dark green leaves; red-purple fall color; more horizontal branch structure than 'Bradford'; thornless
Autumn Blaze C.P.	'Autumn Blaze'	M	Round	Most winter-hardy; horizontal branching; some thorns
Bradford C.P.	'Bradford'	M	Pyramidal	Full sun; inconspicuous fruits; glossy dark green leaves; scarlet-purple fall color; white flowers; resistant to fire blight; thornless
Chanticleer C.P.; Cleveland Select C.P.	'Chanticleer'	M	Columnar	Upright branches; thornless
Redspire C.P.	'Red Spire'	M	Pyramidal	Glossy, dark leaves; yellow, crimson, purple fall color
Select C.P.	'Select'	M	Pyramidal	Glossy green leaves; red-orange fall color; white flowers

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<b>LOW TREES -- 15-30 feet in height; plant at least 15-30 feet apart, depending on spread</b>				
Hawthorn, Thornless Cockspur	<i>Crataegus crusgalli</i> var. <i>inermis</i>	M	Spreading	Few thorns; dark green foliage; bright red fruits
*Hophornbeam; Ironwood	<i>Ostrya virginiana</i>	S	Pyramidal	Dry soil; shade; catkins; elm-like leaves; yellowish fall color
*Hornbeam, American; Blue Beech; Ironwood; Musclewood	<i>Carpinus caroliniana</i>	S	Spreading	Moist soil; shade; smooth, gray, muscle-like trunk; orange fall color
Lilac, Japanese Tree (J.T.L.)	<i>Syringa reticulata</i>	S	Horizontal	Sun; large, pyramidal, cream-white fragrant flower cluster in June; tan fruits; salt-tolerant
Ivory Silk J.T.L.	'Ivory Silk'	S	Oval	Straight, single trunk Glossy dark green leaves; large creamy-white flowers; cherry-like bark
Summer Snow J. T. L.	'Summer Snow'	M	Globe	
Maple, Globe Norway	<i>Acer platanoides</i> 'Globosum'	S	Globe	Urban; dense canopy; yellow fall color; useful on a standard under utility wires; 20' height

<sup>a</sup>The following letters represent: S - Slow; M - Moderate; and F - Fast.

<sup>b</sup>The use of ash trees should be carefully considered due to the recent discovery of the Emerald Ash Borer in Wisconsin. A variety of trees should be planted for diversity and to help avoid the wide-spread loss of trees through disease and pest infestations.

\* Wisconsin native.

NOTE: The abbreviations ssp. and var. represent subspecies and variety, respectively.

Source: E. R. Hasselkus, A Guide to Selecting Landscape Plants for Wisconsin, *University of Wisconsin-Extension, Madison, Wisconsin, 1991*; Michael A. Dirr, Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses, 4th Ed., *Stipes Publishing Company, Champaign, Illinois, 1990*; Richard D. Schein, Ph.D., Street Trees: A Manual for Municipalities, *Treeworks, State College, Pennsylvania, 1993*; Henry D. Gerhold, Willet N. Wandell, and Norman L. Lacasse, Street Tree Factsheets, *Pennsylvania State University, University Park, Pennsylvania, 1993*; Henry D. Gerhold, Norman L. Lacasse, and Willet N. Wandell, Compatible Tree Factsheets for Electric Lines and Restricted Spaces, Including Evergreens for Screens, 2nd Ed., *Pennsylvania State University, University Park, Pennsylvania, 2001*; and SEWRPC.

