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Selections of Shade and Flowering Trees for Michigan Landscapes

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Cooperative Extension Service

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# SELECTION of SHADE and FLOWERING TREES for Michigan Landscapes



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This list of "Selections of Shade and Flowering Trees for Michigan Landscapes" has been compiled as a guide to some of the better selections of trees that are presently available for landscape beautification. This list should be used in conjunction with: Extension Bulletin 552 "Ornamental Deciduous Trees for Michigan," Extension Bulletin E-616 "Familiar Trees of Michigan," and "Michigan Trees Worth Knowing" (Michigan Department of Natural Resources). No attempt has been made to list all the cultivars of a species, but only those that are available in the trade and are hardy in Michigan.

Although all of the selections may not be available at a single garden center or nursery, most nurseries can obtain them from other production nurseries. Plant Buyer's Guide published by the American Association of Nurserymen (835 Southern Building, Washington, D. C. 20005) should be consulted for possible sources of these plants.

## Selections for Michigan

### Acer platanoides

Almira  
Cleveland  
Columnare  
Crimson King  
Drummondii  
Emerald Queen

NORWAY MAPLE, 50-75', round, dense crown, dark green leaves.

Small (20') globe shaped  
Upright, broad oval  
Upright, narrow (60')  
Purple-leaved during growing season  
Light green leaves edged with white  
Ascending branches, rapid grower, dark green leaves, similar to Summershade

Erectum  
Faassen's Redleaf

Conical, with short lateral branches  
Dark red leaves, similar to Crimson King

(Faassen's Black)  
(Royal Red)  
Globosum  
Goldsworth Purple  
Greenlace  
Olmsted  
Schwedleri

Summershade

Low growing (20') round-headed tree  
Purple leaves early in the season  
Cutleaf, rapid growth rate  
Upright, similar to Columnare  
Purplish-red leaves in spring, slow growing  
Oval shaped, leathery leaves, heat resistant, rapid growing, similar to Emerald Queen

### Acer rubrum

Armstrong  
Autumn Flame  
Bowhall  
(Columnare)  
Gerling  
October Glory  
Red Sunset  
Scanlon

RED MAPLE, 75', rounded to elliptical, with good red foliage color in fall.  
Fastigate, spire-like, beautiful light gray bark  
Dense growing, brilliant scarlet fall foliage in fall  
Slow growing, narrow pyramidal shaped, bright red fall color (similar to Scanlon)  
Broadly pyramidal (35') densely branched  
Retains leaves late into fall, orange foliage color in the fall  
Heavy-textured leaves, excellent red fall color  
Conical, compactly branched, orange-amber red foliage in fall (similar to Bowhall)  
Scarlet fall color, rapid growth rate  
Globeheaded, uniform in shape

### Acer saccharinum

Pyramidale  
Silver Queen

Weiri  
(Beebe)

SILVER MAPLE, 80', broad spreading crown, leaves with sharp margins, rapidly growing.  
Narrow head  
Leaves bright green with silvery under-surface  
Weeping form, "cutleaved"

*Acer saccharum* SUGAR MAPLE, 100', oval to elliptical, yellow or golden foliage color in the fall.

Cutleaf (Sweet Shadow) Deeply cut lobes, dark green foliage

Globosum Slow growing (10'), dense, round-headed

Green Mountain Upright oval crown, dark green foliage, scarlet in the fall

Newton Sentry (Sentry) Columnar with central leader

Temple's Upright (Monumentale) 50', slender column with dark green foliage

*Acer pseudoplatanus* SYCAMORE MAPLE, 75', a wide-spreading maple, with clusters of fruit during summer.

Brilliantissima Leaves orange and yellow in the spring

Prinz Hanjery Leaves yellow-orange in the spring

Purpureum Purple coloration on back of leaf

Worleei Leaves orange and yellow in the spring

*Aesculus carnea* RED HORSE-CHESTNUT, 40'

Briotti Scarlet colored flowers, foliage glossy green, seldom forms fruit.

*Aesculus hippocastanum* HORSE-CHESTNUT, 60' elliptical when young, rounded with age.

Baumanni Flowers double, no fruit formation

*Betula verrucosa* EUROPEAN WHITE BIRCH, 40', pyramidal, somewhat pendulous, attractive white bark.

(*pendula*)

Fastigiata Upright narrow spire

Laciniata Cutleaf form

(*Gracilis*)

Purpurea Purple leaves

(Purple Splendor)

(Scarlet Glory)

Tristis Slender pendulous branches

Youngii Pendulous habit

*Carpinus betulus* EUROPEAN HORNBEAM, 50', pyramidal in youth, rounded with maturity (of questionable hardness north of Flint).

Columnaris Narrow, somewhat egg-shaped

Fastigiata Upright, vase-shaped

Globosa Rounded

Incisa Leaves deeply lobed

Pendula Weeping habit

Purpurea Purple leaves

Pyramidalis Broadly pyramidal

Quercifolia Oakleaf form

*Cercis canadensis* AMERICAN REDBUD, 25', flat-topped, irregular small tree, attractive purplish, pea-like flowers in early spring.

Alba White flowers

Pinkbud Pink flowers

Pink Charm Pink flowers (no trace of purple)

(Wither's Pink Charm)

Purple Leaf Young leaves deep purple

*Cornus florida* FLOWERING DOGWOOD, 30', small flowering tree with horizontal branches, attractive floral bracts in spring. (Bracts may be injured by cold winter temperature.)

Apple Blossom Flower color similar to apple blossoms

Cherokee Chief Bracts are ruby red

Cherokee Princess Large white bracts

Cloud 9 Flowers at an early age, white bracts

Multibracteata Double bracts

(Plena)

Pendula Weeping branches

Rubra Pink bracts

Springtime Bracts are rose-red

Welchii Leaves are a combination of green, pink, and white

(Rainbow)

White Cloud Creamy white bracts

*Cornus kousa* JAPANESE DOGWOOD, 20'.

Chinensis Foliage and bracts larger than species

Milky Way Creamy white, more prolific in flowering

*Fagus sylvatica* EUROPEAN BEECH, 80', large pyramidal, with glossy green leaves, smooth, gray bark.

Asplenifolia Fernlike leaves

Atropurpurea Purple (copper) leaves

(Atropurpurea)

Cuprea Copper foliage all summer

Dawyckii Upright

Fastigiata Narrow, upright form

Laciniata Cutleaf form

Pendula Weeping, green leaves

Purpurea Pendula Red leaved, weeping form

Riversii Young foliage is red, turns purple with maturity

Rohanii Red fernleaved form

Spaethiana Red leaved, good color all season

(Spaethi)

Tricolor Variegated foliage (green, white and pink), slow growth, may be hard to establish

(Roseo-marginata)

Zlatia Leaves at tip of branches are gold colored

*Fraxinus angustifolia* NARROW LEAF ASH

Doctor Pirone (35'), upright branches, glossy bright green foliage

*Fraxinus americana* WHITE ASH, 80', erect with rounded crown.

Autumn Purple Seedless American Ash with deep purple fall color

Rosehill Seedless, dark green foliage. Tolerant of poor alkaline soils. Bronze-red fall color

<u>Fraxinus excelsior</u>	EUROPEAN ASH, 80', erect with rounded crown.
Globosa	Globeheaded (30'), with 20' diameter head
Gold Cloud	Yellow twigs, leaves turn yellow in fall
Hessei	Round-headed, simple, lustrous dark green leaves
Pendula	(45'), weeping growth habit
Rancho	Small (30'), round head
<u>Fraxinus pennsylvanica lanceolata</u>	GREEN ASH, 60', dense, rounded crown.
Marshall's Seedless	Male form, does not produce fruit, dark, glossy green foliage, may have less insect problems, yellow fall foliage
Summit	Upright, pyramidal, glossy foliage (female)
<u>Fraxinus uhdei</u>	SHAMEL ASH, 30'.
Tomlinson	Male, thick leathery dark, green leaves
<u>Fraxinus velutina</u>	VELVET ASH, 40', small round-headed tree.
Modesto	20', round headed, foliage is dense, bright glossy green, seedless
<u>Ginkgo biloba</u>	MAIDENHAIR TREE, 75', open, wide-spreading, fan-shaped leaves.
Fastigiata	Upright growth
Pendula	Pendulous branchlets
(Male Forms):	
Autumn Gold	Bright golden fall color, rapid growth rate
Fairmont	Upright pyramidal
Lakeview	Compact, conical form
Mayfield	Narrow, columnar
Santa Cruz	Umbrella form
<u>Gleditsia triacanthos</u>	HONEY LOCUST, 75', fine leaf texture, broad-open habit.
Cottage Green	Semi-upright, dark green leaves, stem is green in youth, seedless, thornless
Imperial	Graceful, spreading, straight trunk, seedless, thornless
Majestic	Upright, compact growth, seedless, thornless
Maxwell	Upright, reputed hardy to low temperature
Moraine	Thornless, seedless, wide-spreading (one of the first selections - May, 1949)
Rubylace	Ruby-red foliage in spring changing to bronze in summer, weak trunk development
Shademaster	Upright, seedless, thornless
Skyline	Pyramidal, seedless, thornless
Sunburst	New foliage golden yellow

(There are numerous introductions of this species. Listed clones are available at most nurseries.)

<u>Liquidambar styraciflua</u>	AMERICAN SWEET-GUM, 75', broadly-pyramidal, star-shaped leaf (of questionable hardiness north of Flint).
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Burgundy	Burgundy-red fall color, holds leaves late in the fall
Festival	Narrow, upright, peach colored foliage
Palo Alto	Pyramidal symmetrical habit, bright orange-red fall color

<u>Magnolia (hybrid)</u>	MAGNOLIA, 40'.
Merrill	Rapid growing, early flowering
(Dr. Merrill)	

<u>Magnolia soulangiana</u>	SAUCER MAGNOLIA, 30', small flowering tree with many main stems. A hybrid form with many clones.
Alba	White flowers
Alexandrina	Rose-purple, inside of petals white
Burgundy	Dark purple flowers
Grace McDade	White, pink base to petals
Lennei	Dark magenta-purple
Nigra	Darkest magenta
Speciosa	Almost white

<u>Magnolia stellata</u>	STAR MAGNOLIA, 20', small tree with double flowers.
Rubra	Purplish colored flowers
Waterlily	Upright, bushy, flower buds pink, flowers white

(There are many other selected forms of Magnolia. Before planting, be sure they are hardy for the site.)

<u>Malus</u>	CRABAPPLE, 20-50'.
X arnoldiana	Rounded head, umbrella shaped at maturity, light pink flowers, maturing white, scab resistant
X atrosanguinea	Lateral growth, broader than high, pink flowers, scab resistant
Barbra Ann	Good double pink flower, semi-upright
baccata Columnaris	Narrow head, even at maturity, scab resistant
baccata Jackii	Broad upright, excellent red fruits, white fragrant flowers
X Dorothea	Double rose colored flowers
halliana parkmanii	Almost shrubby, double pink flowers, scab resistant
X Katherine	Double white fragrant flowers
X purpurea Lemoinei	Dark rose colored flowers, scab resistant, alternate flowering
X Radiant	Spring and fall foliage somewhat reddish
X Red Jade	Pendulous branching, white flowers, scarlet fruits contrasting with tan stems
X scheideckeri	Double, pale pink flowers, semi-upright
Snow Drift	White flowers, scarlet fruits
X Van Eseltine	Double pink flowers, profuse, a columnar tree for many years, resistant to scab
White Angel	White flowers, red fruits persist into winter
X zumi calocarpa	White flowers, colorful fruits persist into the winter

(There are many excellent Crabapples. Those listed are among some of the best for Michigan landscapes.)

<u><i>Prunus avium</i></u>	MAZZARD CHERRY, 50'.
Scanlon	Globe shape
Plena	Double white flowers, hardy
<i>Prunus x blireiana</i>	Green leaves turning red in summer
<u><i>Prunus cerasifera</i></u>	MYROBALAN PLUM, 25'.
Hollywood	Foliage turns purple
Newport	Reddish purple foliage with bright red tips.
Nigra	Dark purple foliage
Thundercloud	Dark purple foliage, transplant balled and burlaped spring only
<u><i>Prunus sargentii</i></u>	SARGENT CHERRY, 60'.
Columnaris (Rancho)	Columnar habit
<u><i>Prunus serrulata</i></u>	ORIENTAL CHERRY, 20'.
Amanogawa	Columnar form, light pink, fragrant pink flowers
Fugenzo	Light pink, profuse double flowers, orange-red foliage in fall
Kwanzan	Double deep pink, profuse flowers, orange-red foliage in fall
Shirofugen	Double pink flowers that fade to white, profuse
Shirotae	Double white abundant flowers
<u><i>Prunus subhirtella</i></u>	HIGAN CHERRY, 30'.
Autumnalis	Semi-double light pink flowers in the fall (flowers also in the spring)
Pendula	Pendulous branches, single pink flowers in early spring
Yae-shidare-higan (Pendula plena)	Pendulous branches, double pink flowers
<u><i>Prunus yedoensis</i></u>	YOSHINO CHERRY, 40'.
Akebono (Daybreak)	(The famous trees of the Tidal Basin in Washington, D. C.) Light pink flowers
(There are many selections of <i>Prunus</i> . Those listed are among the best for Michigan.)	
<u><i>Pyrus calleryana</i></u>	CALLERY PEAR, 25', symmetrical pyramid, glossy green foliage.
Bradford	Singularly pest free, oval with broad base, fall color is yellow mixed with bronzy-red, flowers are white

<u><i>Quereus palustris</i></u>	PIN OAK, 50-75'.
Sovereign	Lower branches semi-upright
<u><i>Querus robur</i></u>	ENGLISH OAK, 50-75'.
Fastigiata	Columnar habit with upright branching
<u><i>Sophora japonica</i></u>	SCHOLARTREE, 40'.
Pendula	Weeping form
Regent	Oval, glossy dark green leaves, trusses of white pea-like flowers in summer, vigorous grower
<u><i>Sorbus aucuparia</i></u>	EUROPEAN MOUNTAIN ASH, 30', upright in youth, spreading with maturity, attractive red-orange fruit in fall.
Apricot Queen	Apricot colored fruit
Asplenifolia	Leaflets doubly serrated
Brilliant Pink	Pink fruit
Carpet of Gold	Sulphur-yellow to orange fruit
Fastigiata	Upright
Pendula	Weeping
Rowencroft Pink Coral	Coral pink fruit
Scarlet King	Scarlet fruit
Wilson	Columnar form
<u><i>Tilia cordata</i></u>	LITTLELEAF LINDEN, 75', pyramidal, dense, compact.
Chancellor	Narrow upright, compact, symmetrical
Greenspire	Narrow-oval, straight trunk with radially arranged branches, rapid growth rate
Pyramidalis	Wide pyramidal
Rancho	Dense crown, dark glossy leaves
<u><i>Tilia euchlora</i></u>	CRIMEAN LINDEN, 50'.
Redmond	Pyramidal form
<u><i>Ulmus americana</i></u>	AMERICAN ELM, 75-100', upright with spreading branches.
Augustine	Columnar, rapid growing
Moline	A narrow growth habit, (tends to split at crack of main branches)
<u><i>Ulmus carpiniifolia</i></u>	SMOOTH-LEAVED ELM, 75', rounded crown.
Christine Buisman	Reported to be resistant to Dutch elm disease 30', Globe shaped crown
<u><i>Zelkova serrata</i></u>	JAPANESE ZELKOVA, 50', vase shaped small tree, similar to American Elm.
Village Green	Straight trunk, large green leaves turning rusty-red in the fall, may be susceptible to canker problems

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