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Landscape Plants for the *Midwest*



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Landscape Plants for the Midwest

A Guide to Selecting Trees, Shrubs, Groundcovers, Perennials, Annuals, and Vines



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... and justice for all

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Plant selection is one of the most important parts of creating a beautiful and functional landscape. Knowing a few specifics about the intended planting site—such as hardiness zone and soil conditions—plus knowing what function the plant will serve in the landscape—such as provide shade, screen an undesirable view or be a focal point—will help guide your selection process. Additionally, a plant’s mature size (height and spread) also must be considered.

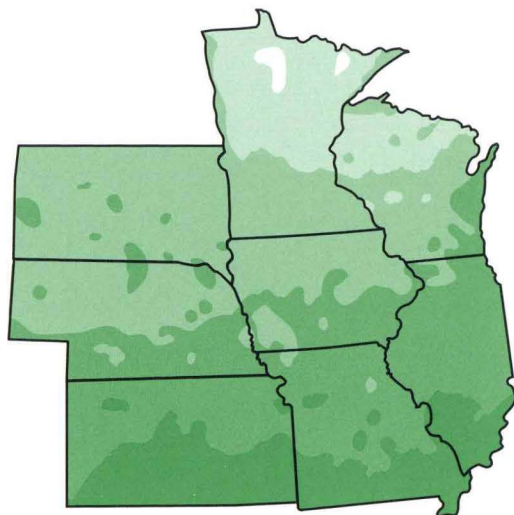
Because mature size is so important the information in this publication is organized by plant height. Plant lists are categorized by type: evergreen trees, deciduous trees, evergreen shrubs, deciduous shrubs, groundcovers, perennials, annuals, and vines. The tree and shrub sections are further divided by size: large, medium, and small.

Each plant entry also includes the USDA cold hardiness zone rating, light requirement, plant form, flower and fruit characteristics, and additional comments. Plants that are natives and/or attract wildlife also are identified.

Midwest hardiness zone map

Average Annual Minimum

Zone	Temperature (F°)
2	–40° through –50° F
3	–30° through –40° F
4	–20° through –30° F
5	–10° through –20° F
6	0° through –10° F



Information in this Guide

The lists on the following pages include detailed information on landscape plants for the Midwest and are based on the combined experiences of many horticulture and landscape professionals. Listed plants are intended to be a sampling of the plant possibilities. Information about other suitable plant choices is available from many sources, including certified nursery professionals.

▪ Plant size

Size descriptions represent the average attained within 5 to 15 years. Under optimum conditions, or after many years, some plants may exceed the size listed.

Within each category, plants are listed alphabetically by botanical names. Some cultivars of particular species are listed because of their unique growth habit, leaf color, or improved disease and/or insect resistance.

▪ USDA Cold Hardiness Zones

Only plants that thrive in USDA cold hardiness zones 3 to 5 are included. Some listed plants are hardy to zone 2; others can be grown up to zone 9.

▪ Light Requirement

Light requirements are listed as

- full sun (○) – at least 6 hours of direct light
- part shade/sun (◐) – 2 to 6 hours of direct light
- shade (●) – less than 2 hours of indirect light

Most plants listed as part shade/sun do best in morning sun and afternoon shade.

▪ Plant Form

The shape or silhouette of a plant, especially a tree or shrub, is one of its greatest design characteristics because it is visible year-round.

Plants that are “compact,” “spreading,” “horizontal,” “arching,” and “upright” work well in most landscape locations and tend to lend a sense of order to the planting composition.

Shrubs that are “loose,” “suckering,” “straggly” or “open” tend to look more informal and may need additional space in the landscape because of how they grow.

“Conical,” “pyramidal,” and “columnar” shaped plants look best when grown with foliage to the ground. Combining these plants with “spreading,” “rounded,” and “arching” plant forms helps soften their formal effect in the landscape.

In some cases branching habit is also an important component of a plant’s form and unique branching habits are noted when appropriate.

Definitions for Landscape Plants

Normally used in relation to habit or outline of a plant:

Columnar—narrow upright habit; column like

Irregular—variable habit, often not symmetrical

Low-Spreading—short or low growing habit with extensive horizontal branching; close to the ground

Mounding—rounded, full habit; close to the ground

Oval—broad elliptical habit; widest in the middle; rounded at top and base

Pendulous—weeping or hanging habit

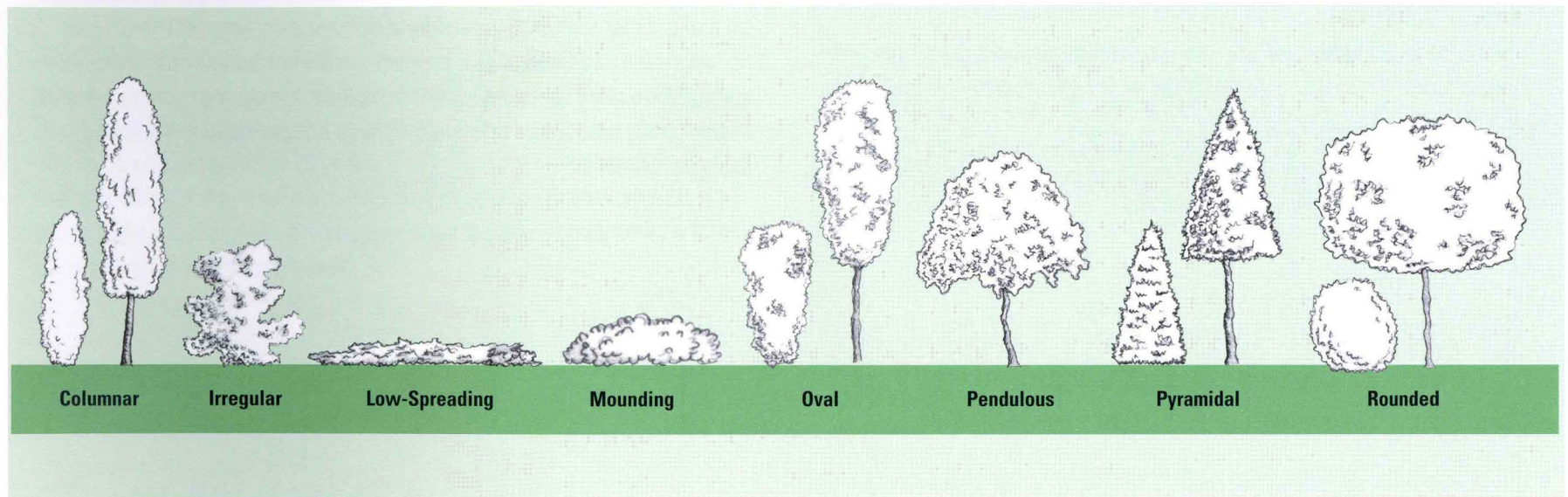
Pyramidal—broadest at base then tapering to top; pyramid shaped

Vase shaped—opposite of pyramidal; narrow at base then widening to the top

Normally used in relation to branching structure:

Arching—branching starts at upright angle then droop downward toward the end creating an arch from trunk to tip

Upright—vertical branching; generally narrow branch angles



▪ **Flower Characteristics**

Plants are often selected for their flower color, fragrance, and time of bloom. Plants whose flowers are not significant are noted with an (NS). Fragrance is indicated by an † after the flower color.

▪ **Fruit Characteristics**

Trees and shrubs that produce showy or attractive fruit are noted. Fruit are further classified as small (the size of a pea), medium (the size of a cherry) or large. Most fruits are fleshy and plump. In some cases the fruit is a dry capsule, a samara (found on maples) or a nut; these distinctions also are listed.

Fruit set can be variable and is influenced by several factors. Some species have male and female plants and both plants are required in order for fruit to set.

▪ **Natives and Wildlife-attracting Plants**

Plants that are native to North America are marked with an (N). Plants that attract wildlife, primarily birds, are marked with a (W).

▪ **General Comments**

The last column includes specific site requirements (such as soil, pH, and drainage), growth rate, fall color, disease and insect resistance and other unique plant features.

▪ **Additional Information—**

Urban Conditions

Urban conditions often constitute poor and compacted soil, limited soil area for root growth, extreme light conditions, reflected heat, wind tunnels and air pollution. Any one of these factors alone can have a negative impact on plant growth and development, and when they are combined make an inhospitable growing environment. Some plant species are not able to grow well under these conditions. Yet others, the toughest of the tough, are able to thrive in this environment.

Effect of Soil pH on Plant Growth

Soil pH can have a major impact on plant survival. It is measured on a scale of 1.0 to 9.0, where 7.0 is considered neutral. A pH below 7.0 is acidic, and soil with a pH over 7.0 is more alkaline or basic. Most woody and herbaceous ornamentals grow well across a range of soil pH from slightly acidic to slightly alkaline (pH 4.5-7.0). Other plants, such as rhododendrons, azaleas, heathers and heaths, prefer acid soils (low pH) and may require periodic soil amendments to acidify the soil if it is normally alkaline or near neutral. Soil pH can be raised or lowered, somewhat, by adding specific products. To raise the pH of an acidic soil (to make it more neutral) incorporate dolomitic limestone. The pH can be lowered by adding a sulfur product such as aluminum sulfate or iron sulfate. Extensive soil modifications to adjust pH can be quite expensive. A less costly alternative is to select plants adaptable to the planting site environment.

Winter Protection for Evergreens

Because evergreens keep their leaves through the winter they can be susceptible to winter desiccation. This is a common problem in the Midwest because of the persistent cold, dry winds throughout the winter. The continual wind blowing across the leaf surface draws moisture out through the leaves, in particular the broad leafed types. The cold temperatures limit root growth and the availability of water in the soil so these plants are not able to replenish the water they lose through the leaves and stems. As odd as it may seem, these plants can experience drought stress during winter. If possible, place evergreens out of direct wind to limit desiccation. Another option is to apply an anti-transpirant product to the foliage. These products create a thin film on the surface of the leaves and limit water loss. Refer to the manufacturer's directions for timing and number of applications.

Dutch Elm Disease

Many elm species are susceptible to this deadly disease. It spreads rapidly and is essentially uncontrollable. Because of this, most elms are listed as 'resistant' or 'susceptible' to this disease. To ensure the elm tree is long-lived in the landscape select species or cultivars that are resistant.

Short-lived or Long-lived

In some cases trees (and sometimes shrubs) are classified as short-lived. Short-lived for a tree may still be 20 years, compared to a long-lived tree, which can be upwards of 75 years. Generally short-lived trees have a very fast growth rate and a susceptibility to a variety of disease and insect pests. Either alone or in combination these factors often limit how long a plant will grow in the landscape.

Aggressive or Invasive

Many plants are aggressive and will attempt to consume large areas of the garden or landscape. In the right location, an aggressive plant may be necessary to "fill in" quickly. In the wrong location, an aggressive plant can be a nuisance and difficult to control. When an aggressive plant spreads by multiple means (seeds and roots) over great distances, out-competes neighboring plants (especially native plants), and is difficult to control, it becomes invasive. There are many invasive plants that are not recommended for planting in Iowa. Some invasive plants like purple loosestrife (*Lythrum salicaria*) are banned for sale in Iowa. Prior to planting, research the plant species to determine whether it may potentially be an invasive plant. When an aggressive plant is needed, set boundaries or limits (edging, etc.) at the time of planting. And watch your plants, those that quickly overstep their boundaries should be controlled or removed before they become problems in our native landscapes or other areas.

Questions to Ask When Selecting Plants

- In which hardiness zone will it be planted?
- Where will the plant be located—in sun or shade or a combination?
- What shape or growth rate is desired?
- What special features (flower color, fruit, fall color) are desired?

Evergreen Trees Large (40–100 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Abies balsamea</i>	Balsam fir	45–75'	20–25'	3 to 5	○	Pyramidal	NS	Cone	N		Slow growth rate
<i>Juniperus chinensis</i>	Chinese juniper	50–60'	15–20'	4 to 9	○	Pyramidal	NS	Cone			Tolerates dry soils once established; pH adaptable
<i>Juniperus virginiana</i>	Eastern redcedar	40–50'	8–20'	3 to 9	○	Pyramidal	NS	Cone	N		Tolerates poor sandy soils; pH adaptable; tolerates shade only when young
<i>Picea abies</i>	Norway spruce	40–70'	25–30'	3 to 7	○	Pyramidal	NS	Cone			Prefers cold climate
<i>Picea glauca</i>	White spruce	40–70'	10–20'	2 to 6	○-●	Pyramidal	NS	Cone	N		Tolerates a range of environmental conditions
<i>Picea omorika</i>	Serbian spruce	50–70'	20–25'	4 to 7	○	Narrowly pyramidal	NS	Cone			Tolerates air pollution
<i>Pinus flexilis</i>	Limber pine	40–50'	15–35'	4 to 7	○-●	Pyramidal	NS	Cone	N		Adapted for planting on rocky slopes; slow growth rate
<i>Pinus ponderosa</i>	Ponderosa pine	60–100'	25–30'	3 to 6 or 7	○	Pyramidal	NS	Cone	N		Tolerates drought, high pH and salt; does not tolerate shade or late frosts
<i>Pinus resinosa</i>	Red pine	50–80'	Variable	2 to 5	○	Symmetrical, oval	NS	Cone	N		Does well in dry, sandy, and acidic soils; extremely cold tolerant
<i>Pinus strobus</i>	White pine	50–80'	20–40'	3 to 7	○-●	Symmetrical, pyramidal	NS	Cone	N		Does not tolerate air pollutants or salt; fast growth rate; easily transplanted
<i>Pinus sylvestris</i>	Scotch pine	40–60'	30–40'	3 to 7	○-●	Irregular, pyramidal	NS	Cone			Survives in dry sites; prefers acidic soils; extremely susceptible to pine wilt
<i>Pseudotsuga menziesii</i>	Douglasfir	40–80'	12–20'	4 to 6	○	Pyramidal	NS	Cone			Fails on dry, poor soils; prefers neutral or slightly acid soils
<i>Taxodium distichum</i>	Baldcypress	50–70'	20–30'	4 to 11	○	Pyramidal	NS	Cone	N		Prefers a sandy loam soil that is acidic; light brown or orangish brown fall color
<i>Thuja occidentalis</i>	Eastern arborvitae	40–60'	10–15'	3 to 7	○	Pyramidal	NS	Cone	N		Tolerates high pH soils; susceptible to wind, snow, or ice damage; tolerates pruning
<i>Tsuga canadensis</i>	Canadian hemlock	40–70'	25–35'	3 to 7	○	Pyramidal	NS	Cone	N		Prefers acidic soils; needs soils with good drainage; tolerates pruning; avoid windswept sites and air pollution

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

6 Evergreen Trees Large (40–100 feet)

Evergreen Trees Medium (under 40 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Abies fraseri</i>	Fraser fir	30–40'	20–25'	4 to 7	●	Pyramidal	NS	Cone			Slow growth rate
<i>Juniperus chinensis</i>	'Keteleeri'	15–20'	15–20'	3 to 9	○	Pyramidal	NS	Cone			Fast growth rate
	'Spartan'	20'	3–4'	5 to 9	○	Pyramidal	NS	Cone			Fast growth rate
<i>Juniperus scopulorum</i>	Rocky Mountain juniper	30–40'	3–15'	3 to 7	○	Narrow, pyramidal	NS	Cone	N		Slow growth rate; not well adapted to humidity and high night temperatures
	'Blue Trail'	15–20'	4–6'	3 to 7	○	Columnar	NS	Cone			Tolerates dry soils; silvery blue foliage
	'Medora'	10'	2–3'	3 to 7	○	Columnar	NS	Cone			Slow growth rate; needs minimal shearing to produce a narrow-columnar specimen
	'Skyrocket'	15'	2'	3 to 7	○	Columnar	NS	Cone			One of the most narrow junipers
	'Sutherland'	15–20'	4–6'	3 to 7	○	Pyramidal	NS	Cone			Slow growth rate; upright branching
	'Wichita Blue'	18'	5–8'	3 to 7	○	Pyramidal	NS	Cone			Drought tolerant when established
<i>Juniperus virginiana</i>	'Burkii'	10–25'	8–15'	3 to 9	○	Pyramidal	NS	Cone			Tolerates urban sites; fast growth rate; brownish tint in the fall
	'Canaertii'	20–30'	8–15'	3 to 9	○	Pyramidal	NS	Cone			Fast growth rate; brownish tint in the fall; very susceptible to rust
	'Hillspire'	15–30'	5–15'	2 to 9	○	Pyramidal	NS	Cone			Fast growth rate; green in the fall; susceptible to rust
<i>Picea glauca</i> var. <i>densata</i>	Black Hills spruce	20–40'	25–30'	3 to 6	○-●	Pyramidal	NS	Cone			Slow growth rate; useful as a hedge, windbreak or specimen; blue/green fall color
<i>Picea pungens</i>	Colorado spruce	30–40'	10–20'	3 to 7	○	Pyramidal	NS	Cone	N		More drought tolerant than other spruces
<i>Pinus bungeana</i>	Lacebark pine	30–40'	20–35'	5 to 7	○	Pyramidal to rounded	NS	Cone			Reportedly tolerates high pH; slow growth rate
<i>Pinus cembra</i>	Swiss stone pine	30–40'	15–25'	3 to 7	○-●	Columnar, pyramidal	NS	Cone			Prefers slightly acid soil; needs to be in an area with good air movement; slow growth rate

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Evergreen Trees Medium (under 40 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Pinus koraiensis</i>	Korean pine	30–40'	15–20'	4 to 7	○	Pyramidal	NS	Cone			Very adaptable to soil type and pH; slow growth rate
<i>Pinus mugo</i>	Mugo pine	15–20'	25–20'	3 to 7	○-●	Variable	NS	Cone			Very tolerant of high pH soils; prostrate or pyramidal habit; slow growth rate
<i>Taxus cuspidata</i>	Japanese yew	10–40'	10–40'	4 to 7	●	Irregular habit; upright to spreading; can be grown as multi-stemmed shrub	NS	Small, red			Slow growth rate; superior to other conifers in shade
	'Capitata'	25–40'	25–35'	4 to 7	○-●	Pyramidal	NS	Small, red			Requires well-drained soil; slow growth rate
<i>Taxus x media</i>	'Hicksii'	15–20'	12–15'	5	○	Columnar	NS	Small, red			Male and female plants
<i>Thuja occidentalis</i>	'Brandon'	12–15'	6–8'	3 to 7	●	Pyramidal	NS	Cone			Prefers moist soil; resistant to winter burn; slow growth rate
	'Pis'	20–30'	5–8'		○	Narrow, pyramidal	NS	Cone			Susceptible to winter burn
	'Smaragd' ('Emerald')	10–15'	3–4'	3 to 7	○	Narrow, pyramidal	NS	Cone			Excellent heat tolerance; cold hardy; slow growth rate
	'Sunkist'	10–15'	4–5'	4 to 8	○	Upright, dense	NS	Cone			Slow growth rate; foliage is flattened and has golden tips
	'Techny'	12–15'	6–8'	3 to 8	○-●	Pyramidal	NS	Cone			Winter hardy; slow growth rate

Notes

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

8 Evergreen Trees Medium (under 40 feet)

Deciduous Trees Large (over 60 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Acer nigrum</i>	Black maple	60–75'	40–50'	5 to 7	○	Upright, oval to rounded	NS	Samara	N		Similar to <i>A. saccharum</i> ; not heat and drought tolerant; fast growth rate; yellow fall color
<i>Acer platanoides</i>	'Pond' (Emerald Lustre®)	60–80'	50–60'	4 to 7	○	Round-oval	NS	Samara			Yellow fall color
<i>Acer saccharinum</i>	Silver maple	60–100'	40–50'	3 to 7	○-●	Oval, loose	NS	Samara	N		Tolerates a variety of growing conditions; surface roots are a problem; fast growth rate; yellow fall color
<i>Acer saccharum</i>	Sugar maple	60–75'	40–50'	4 to 8	○-●	Upright, oval to rounded	NS	Samara	N		Does not tolerate heat or salt; slow growth rate; brilliant yellow, burnt orange and some red fall color
	'Bailsta' (Fall Fiesta®)	60–75'	50'	4 to 7	○	Upright, rounded	NS	Samara			Resistant to sunscald; fast growth rate; resistant to leaf tatter/leafhopper
	'Green Mountain'	70'	45'	4 to 7	○	Upright, oval	NS	Samara			Does well in dry soils with limited rooting area; good scorch resistance
<i>Aesculus hippocastanum</i>	Common horsechestnut	60–75'	40–70'	4 to 7	●	Upright, oval	NS	Large, brown			pH adaptable; prune in early spring
<i>Carya ovata</i>	Shagbark hickory	60–80'	30–40'	4 to 8	○-●	Narrow, upright	NS	Medium, brown	N	W	Tolerates clay; will tolerate some shade
<i>Fraxinus americana</i>	White ash	60–80'	60–80'	4 to 9	○	Open, rounded	NS	Samara	N		Prefers moist, well-drained soil; pH adaptable; yellow, deep purple and maroon fall color
<i>Ginkgo biloba</i>	Ginkgo	60–80'	30–40'	4 to 8	○	Pyramidal	NS	Medium, yellow			Adaptable to difficult landscape situations including air pollution and salt; prune in spring; fruits of female trees are messy
	'PNI 2720' (Princeton Sentry®)	60–70'	20–30'	4 to 8	○	Upright, oval to rectangular	NS	No			Male cultivar
<i>Gymnocladus dioica</i>	Kentucky coffeetree	60–75'	40–50'	3 to 8	○	Narrow oval	NS	Large, brown	N		Adaptable to high pH soil; tolerates drought and urban conditions
<i>Juglans nigra</i>	Black walnut	60–75'	50–75'	4 to 9	○	Oval to rounded	NS	Large, brown	N		Tolerates drier soils; is difficult to transplant; the wood is highly prized

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Large (over 60 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Liquidambar styraciflua</i>	Sweetgum	60–75'	40–75'	5 to 9	○	Pyramidal to rounded	NS	Medium, brown	N		Prefers moist, slightly acid soils; slow to establish; yellow-purple-red fall color
<i>Liriodendron tulipifera</i>	Tuliptree	70–90'	35–50'	4 to 9	○-●	Pyramidal	NS	Large, brown	N		pH adaptable; prune in winter; not for small residential property or streets
<i>Magnolia acuminata</i>	Cucumbertree magnolia	60–80'	50–80'	4 to 8	○	Pyramidal	Green-yellow, May	Large, pinkish-red	N	W	Prefers slightly acid soil; does not tolerate extreme drought, wetness, or air pollution; do not plant too deep; difficult to transplant
<i>Platanus x acerifolia</i>	London planetree	70–100'	65–80'	5 to 8	○-●	Pyramidal	NS	Medium, brown			Tolerates high pH soils and air pollution
<i>Platanus occidentalis</i>	Sycamore	75–100'	75–100'	4 to 9	○	Irregular	NS	Medium, brown	N		Susceptible to anthracnose; can be a messy tree
<i>Populus deltoides</i>	Eastern cottonwood	75–100'	50–75'	3 to 9	○	Pyramidal	NS	Small, brown	N		Tolerates dry soils, saline conditions and air pollution; fast growth rate; short-lived species (70 years)
<i>Populus tremuloides</i>	Quaking aspen	60–80'	30'	2 to 7	○	Pyramidal to rounded	NS	Small, brown	N		Tolerates a wide range of soils; fast growth rate; yellow fall color
<i>Quercus alba</i>	White oak	60–80'	50–80'	3 to 9	○	Pyramidal	NS	Medium nut, brown	N	W	pH adaptable; tolerates dry soils once established; brown to rich red fall color
<i>Quercus coccinea</i>	Scarlet oak	70–75'	40–50'	4 to 9	○	Pyramidal	NS	Medium nut, brown	N	W	Scarlet or brownish red fall color
<i>Quercus macrocarpa</i>	Bur oak	70–80'	70–80'	3 to 8	○	Pyramidal to oval	NS	Medium nut, brown	N	W	More tolerant of urban growing conditions than most oaks, including in dry conditions; slow growth rate; yellow to yellow-brown fall color
<i>Quercus palustris</i>	Pin oak	60–70'	25–40'	4 to 8	○	Pyramidal	NS	Medium nut, brown	N	W	Tolerates air pollution; fast growth rate; branches are upright and horizontal, dropping with maturity; brownish-red to red fall color; chlorotic leaves in high pH
<i>Quercus robur</i>	English oak	75–100'	75–100'	4 to 8	○	Pyramidal	NS	Medium nut, brown		W	pH adaptable; brown fall color
	'Clemons' (Heritage®)	60–80'	40–50'	5 to 8	○	Broadly pyramidal to oval					Strong central leader; dark leathery green leaves; disease resistant

○ Sun; ● Part sun; ● Shade; † Fragrant; NS = Not significant; N = Native; W = Wildlife

10 Deciduous Trees Large (over 60 feet)

Deciduous Trees Large (over 60 feet), continued

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Quercus rubra</i>	Red oak	60–75'	60–75'	3 to 7	○	Rounded	NS	Medium	N	W	Tolerates urban conditions; fast growth rate
<i>Salix alba</i>	White willow	75–100'	50–100'	2 to 8	○	Broad, rounded	NS	NS			Avoid planting in shallow, high pH soils; fast growth rate; golden yellow fall color
	'Tristis'	60–70'	30–50'	2 to 8	○	Rounded, weeping	NS	NS			Fast growth rate; yellow to yellow-brown fall color
<i>Tilia americana</i>	American linden	60–80'	30–65'	3 to 8	○	Oval	Small, yellow-white [†]	Small, tan			Not tolerant of air pollution; pale yellow fall color
<i>Tilia tomentosa</i>	Silver linden	60–70'	35–45'	4 to 7	○	Upright, oval to pyramidal	Small, yellow-white [†]	Small, tan			Tolerates heat and drought; yellow fall color; less prone to insect damage than other lindens
	'PNI 6051' (Green Mountain [®])	60–70'	40'	4 to 7	○	Symmetrical	Small, yellow-white [†]	Small, tan			Tolerates heat and drought
<i>Ulmus americana</i>	American elm	60–80'	30–65'	3 to 9	○	Variable, vase shaped	NS	NS	N		pH adaptable; tolerates some salt; susceptible to Dutch elm disease, consider a resistant cultivar
	'New Harmony'	68'	72'	2 to 9	○	Broadly vase shaped	NS	NS			Respectable tolerance to Dutch elm disease
	'Valley Forge'	70'	60'	5 to 9	○	Upright–arching	NS	NS			Yellow fall color; most tolerant to Dutch elm disease
<i>Ulmus carpinifolia</i>	Hybrid elm										
	'Danada' (Danada Charm [™])	70'	60'	4 to 5	○	Vase shaped	NS	NS			Fast growth rate; yellow fall color; very good Dutch elm resistance
	'Morton' (Accolade [®])	70'	40–50'	4 to 7	○	Upright–spreading	NS	NS			Dark yellow fall color; resistant to Dutch elm disease and phloem necrosis
	'Morton Stalwart' (Commendation [™])	60'	50'	4 to 7	○	Upright, oval	NS	NS			Fast growth rate; yellow fall color
<i>Zelkova serrata</i>	Japanese zelkova	60–80'	40–50'	5 to 7	○	Vase shaped	NS	NS			pH adaptable; drought and wind tolerant once established; some air pollution tolerance

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Medium (40–60 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Acer x freemanii</i>	Freeman maple	45'	35'	3 to 7	○	Rounded	NS	Samara			Cross between <i>Acer rubrum</i> and <i>A. saccharinum</i>
	'DTR 102' (Autumn Fantasy™)	50'	40'	4 to 7	○	Oval to rounded	NS	Samara			Fast growth rate; orange-red fall color
	'Indian Summer' (Morgan')	45–50'	40'	4 to 7	○	Open oval, rounded	NS	Samara			Fast growth rate; orange-red fall color
	'Jeffersred' (Autumn Blaze®)	50'	40'	4 to 7	○	Oval to rounded	NS	Samara			Orange-red fall color
	'Marmo'	50'	40'	4 to 8	○	Upright, oval	NS	Samara			Crimson fall color
<i>Acer platanoides</i>	Norway maple	40–70'	35–40'	4 to 7	○	Broad, columnar	NS	Samara			Red fall color
	'Deborah'	50'	45'	4 to 7	○	Broadly oval	NS	Samara			Yellow-brown fall color
	'Ezestre' (Easy Street™)	40'	20'	4 to 7	○	Pyramidal	NS	Samara			Yellow fall color
	'Emerald Queen'	50–60'	40–45'	4 to 7	○	Upright, broadly oval	NS	Samara			Bright yellow fall color
	'Fairview'	45'	35'	4 to 7	○	Upright, oval	NS	Samara			New growth deep red-purple maturing to brown-red
	'Princeton Gold'	45'	40'	4 to 7	○	Oval	NS	Samara			Yellow fall color
<i>Acer rubrum</i>	Red maple	50'	35–40'	4 to 6	○	Upright, rounded	NS	Samara	N		Fast growth rate; brilliant scarlet or yellow fall color
	'Autumn Spire'	50'	20–25'	3 to 6	○	Broadly columnar	NS	Samara			Red fall color
	'Franksred' (Red Sunset®)	50'	30–40'	4 to 7	○	Upright dense	NS	Samara			Fast growth rate; brilliant red fall color
<i>Acer saccharum</i>	'Bonfire'	50'	40'	4 to 8	○	Upright, rounded	NS	Samara			Heat tolerant; fast growth rate; good maple syrup
	'Commemoration'	50'	35'	4 to 7	○	Moderately spreading	NS	Samara			Fast growth rate; resistant to leaf tatter
	'Legacy'	50'	35'	6 to 8	○	Oval	NS	Samara			Resistant to drought and leaf tatter

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

12 Deciduous Trees Medium (40–60 feet)

Deciduous Trees Medium (40–60 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Betula lenta</i>	Sweet birch	45–55'	35–45'	3 to 8	○	Irregular, rounded	Elongated male catkins, spring	Small, tan	N		Prefers slightly acidic, moist, well-drained soils; golden yellow fall color
<i>Betula nigra</i>	River birch	45–50'	30–40'	4 to 8	○	Oval	Elongated male catkins, spring	NS	N		Prefers acid soils; tolerates heat
	'Cully' (Heritage®)	45–50'	30–35'	4 to 8	○	Oval	Elongated male catkins, spring	NS			Golden yellow fall color
<i>Carpinus betulus</i>	European hornbeam	40–60'	30–40'	5 to 7	○	Pyramidal	NS	Small, tan			Withstands heavy pruning
<i>Catalpa speciosa</i>	Catalpa	40–60'	20–40'	4 to 8	○	Narrow, open, irregular	White, May–June	Large capsule, brown	N		Large cigar-shaped fruit can be messy
<i>Celtis occidentalis</i>	Hackberry	40–60'	40–60'	3 to 9	○	Pyramidal	NS	Small, purple-blue	N		Adaptable to a variety of soil types; tolerates wind and air pollution
<i>Cercidiphyllum japonicum</i>	Katsuratree	40–60'	20–30'	5 to 8	○	Pyramidal	NS	Medium pod, tan			Yellow to orange-yellow fall color
<i>Corylus colurna</i>	Turkish filbert	40–50'	25–35'	4 to 7	○	Broad pyramidal	Elongated male catkins, early spring	Medium nut, brown			Yellow to purple fall color
<i>Fraxinus americana</i>	'Autumn Applause'	45'	40–50'	5 to 8	○	Compact, rounded	NS	No			Male; fast growth rate; deep red fall color
	'Chicago Regal'	45'	35'	4 to 8	○	Upright, oval	NS	NS			Resists frost crack; purple fall color
	'Empire'	50'	25'	4 to 8	○	Narrow, pyramidal	NS	NS			Brown-orange to purplish fall color
	'Junginger' (Autumn Purple®)	50–60'	30–40'	4 to 8	○	Oval	NS	No			Male; fast growth rate; excellent street or lawn tree; deep purple fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Medium (40–60 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Fraxinus nigra</i>	Black ash	45–50'	25–35'	4 to 8	○	Narrow, open	NS	NS	N		Occurs naturally in wet places
	'Fallgold'	50'	20–25'	3 to 6	○	Upright	NS	No			Adaptable to many soils; golden yellow fall color
<i>Fraxinus pennsylvanica</i>	Green ash	50–60'	30–40'	2 to 7	○	Upright	NS	Samara	N		Adaptable to high pH and poor soils; tolerates drought and wind; fast growth rate; yellow fall color
	'Patmore'	50–60'	35'	2 to 7	○	Upright, oval	NS	No			Suitable as a street tree; yellow fall color
	'Rugby' (Prairie Spire®)	50–60'	20–30'	3 to 7	○	Pyramidal to elliptical	NS	No			Good tree for urban conditions; golden yellow fall color
	'Wahpeton' (Dakota Centennial®)	45–50'	35'	3	○	Elliptical, pyramidal	NS	No			Male; fast growth rate; deep yellow fall color
<i>Fraxinus quadrangulata</i>	Blue ash	50–60'	30–50'	4 to 7	○	Narrow, rounded	NS	NS	N		Drought tolerant; pale yellow fall color
<i>Ginkgo biloba</i>	'Autumn Gold'	50'	30'	3 to 8	○	Symmetrical, broadly columnar	NS	No			Male; becomes pyramidal
	'Magyar'	50–60'	25–30'	4 to 9	○	Uniform upright–branching	NS	No			Tolerant urban conditions
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Thornless common honeylocust	40–60'	40–60'	4 to 7	○	Open, spreading	White, spring	Large pod, brown	N		Tolerates high pH, drought, and salt; fast growth rate; yellow fall color
	'Shademaster'	50–60'	30–35'	4 to 7	○	Symmetrical	White, spring	NS			Drought resistant; fast growth rate; yellow/green fall color; essentially fruitless
	'Skycole' (Skyline®)	50'	30–35'	4 to 7	○	Broadly pyramidal	White, spring	NS			Provides light, filtered shade; fast growth rate; golden yellow fall color; essentially fruitless
<i>Liquidambar styraciflua</i>	'Moraine'	50–60'	40'	5 to 8	○	Upright, oval	NS	Medium, brown			Cold hardy; brilliant red fall color
<i>Nyssa sylvatica</i>	Black gum	40–50'	20–30'	4 to 9	○-●	Irregular, rounded	NS	NS	N		Does not tolerate high pH; prefers sheltered locations; yellow to orange to scarlet to purple fall color
<i>Phellodendron lavalleyi</i>	Lavalle corktree	25–35'	30–40'	5 to 7	○	Upright, broad	NS	NS			Interesting bark texture

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

14 Deciduous Trees Medium (40–60 feet)

Deciduous Trees Medium (40–60 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Phellodendron sachalinense</i>	Sakhalin corktree	50–60'	30–45'	3 to 7	○	Vase shaped	NS	NS			Fast growth rate
<i>Platanus x acerifolia</i>	'Bloodgood'	50'	40'	4 to 8	○	Broad rounded	NS	NS			Tolerates compacted soils, heat, drought and severe pruning; resistant to anthracnose
<i>Populus alba</i>	White poplar	40–60'	40–60'	3 to 8	○	Irregular	NS	NS			pH adaptable; tolerates air pollution and salt spray; fast growth rate; easy to grow
<i>Populus tremula</i>	'Erecta' (Swedish columnar aspen)	40–50'	10–15'	2 to 5	○	Upright	NS	NS			Dark green leaves with silvery underside; fast growth rate; yellow to orange to red fall color; susceptible to leaf spot; more resistant to canker than other columnar poplars
<i>Prunus serotina</i>	Black cherry	50–60'	25–35'	3 to 9	○	Oval	White, spring	Medium, red to black	N	W	Prefers moist, fertile soils; fast growth rate; yellow to orange to red fall color
<i>Quercus alba x robur</i>	Hybrid oak										
	'Crimschmidt' (Crimson Spire®)	45–50'	12–15'	4 to 8	○	Columnar	NS	Medium nut, brown		W	Excellent red fall color
<i>Quercus bicolor</i>	Swamp white oak	50–60'	50–60'	4 to 8	○	Broad, rounded	NS	Medium nut, brown	N	W	Excellent drought resistance; yellow to bronze fall color
<i>Quercus ellipsoidalis</i>	Northern pin oak	50–60'	45'	4 to 6	○	Pyramidal to oval	NS	Medium nut, brown	N	W	Red fall color
<i>Quercus imbricaria</i>	Shingle oak	50–60'	50–60'	4 to 8	○	Pyramidal	NS	Medium nut, brown	N	W	Tolerates drier soils; somewhat tolerant of urban conditions; yellow-brown to red fall color
<i>Quercus muehlenbergii</i>	Chinkapin oak	45–50'	50' +	5 to 7	○	Open rounded	NS	Medium nut, brown	N	W	Prefers moist, fertile soils; fast growth rate; yellow to orange to brown fall color
<i>Quercus robur x macrocarpa</i>	Bur English oak	40'	30–40'	4 to 8	○	Pyramidal, irregular	NS	Medium nut, brown		W	Drought tolerant; brown-red to bright red fall color
<i>Quercus x warei</i>	Hybrid oak	40–50'	18'	5 to 8	○	Columnar, narrow	NS	Medium nut, brown		W	Narrow growth habit makes tree suitable for smaller residential lots
	'Long' (PP12,673) (Regal Prince)	40–60'	20–25'	4 to 8	○	Upright, oval					Tolerates a wide range of soil types; fast growth rate; yellowish brown fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Medium (40–60 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Sassafras albidum</i>	Common sassafras	40–60'	25–40'	4 to 9	○-●	Pyramidal, irregular	White, spring	Small, purple	N		Does not tolerate plant competition; yellow, orange, scarlet, purple fall color
<i>Sorbus alnifolia</i>	Korean mountain ash	40–50'	20–30'	4 to 7	○	Pyramidal	White, May	Medium, pink-orange		W	Does not tolerate air pollution; yellow, orange, brown fall color
<i>Tilia americana</i>	'Boulevard'	50'	25'	3 to 8	○	Narrow, pyramidal	Yellow-white [†] , summer	Small, nut like, tan			Yellow fall color
	'DTR 123' (Legend [®])	40'	30'	3 to 8	○	Pyramidal	Yellow-white [†] , summer	Small, nut like, tan			Fast growth rate; yellow fall color
	'Redmond'	40–60'	25–30'	3 to 8	○	Pyramidal	Yellow-white [†] , summer	Small nut like, tan			Slow growth rate; bright yellow fall color
	'Sentry'	40'	25–30'	3 to 8	○	Uniform symmetrical	Yellow-white [†] , summer	Small nut like, tan			Fast growth rate; yellow fall color
<i>Tilia cordata</i>	'Bailey' (Shamrock [®])	40–50'	30'	4 to 7	○	Broadly conical	Yellow-white [†] , summer	Small nut like, tan			Stout branches and open canopy; yellow-green fall color
	'Corzam' (Corinthian [®])	45'	15'	3 to 7	○	Compact, pyramidal	Yellow-white [†] , summer	Small nut like, tan			Yellow fall color
	'Glenleven' (also sold as <i>Tilia x flavescens</i>)	45–50'	30–35'	4 to 7	○	Pyramidal	Yellow-white [†] , summer	Small nut like, tan			Fast growth rate; yellow fall color
<i>Tilia tomentosa</i>	'Sterling'	45'	25'	5 to 7	○	Broad pyramidal	Yellow-white [†] , summer	Small nut like, tan			Yellow fall color; resists Japanese beetle and gypsy moth

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Medium (40–60 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Ulmus x</i>	Hybrid elm										
	'Homestead'	60'	35'	4 to 7	○	Conical	NS	NS			Fast growth rate; yellow fall color; highly resistant to Dutch elm disease
	'Morton Glossy' (Triumph™)	60'	35–40'	4 to 7	○	Upright oval	NS	NS			Fast growth rate; yellow fall color; excellent pest/disease resistance
<i>Ulmus glabra x carpinifolia</i>	Hybrid elm										
	'New Horizon'	55'	50'	3 to 7	○	Upright	NS	NS			Drought tolerant; fast growth rate; yellow fall color; excellent Dutch elm resistance
	'Pioneer'	50'	50'	5 to 7	○	Rounded	NS	NS			Fast growth rate; yellow fall color
<i>Ulmus japonica x U. pumila</i>	'Morton Plainsman' (Vanguard™)	45–50'	40–50'	3 to 7	○	Loosely rounded	NS	NS			Drought tolerant; fast growth rate; excellent Dutch elm resistance
<i>Ulmus wilsoniana</i>	Wilson elm										
	'Prospector'	45'	30'	5 to 7	○	Vase shaped	NS	NS			Fast growth rate; yellow fall color; high resistance to Dutch elm and elm leaf beetle

Notes

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Small (30–40 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Acer campestre</i>	Hedge maple	30–35'	30–35'	5 to 8	●	Rounded	NS	Samara			Tolerates high pH and dry soils; slow growth rate; yellow-green to yellow fall color
<i>Acer miyabei</i>	Miyabe maple	30–40'	30'	4 to 7	○	Upright, oval to rounded	NS	Samara			Pale yellow fall color
	'Morton' (State Street®)	40'	25'	4 to 7	○	Upright, oval	NS	Samara			Fast growth rate; pale yellow fall color
<i>Acer platanoides</i>	'Crimson King'	35'	35'	4 to 7	○	Oval	NS	Samara			Deep purple fall color
<i>Acer truncatum</i> x <i>A. platanoides</i>	'Keithsform' (Norwegian Sunset®)	35'	25'	4 to 7	○	Upright oval	NS	Samara			Yellow-orange to red fall color
	'Warrenred' (Pacific Sunset®)	30'	25'	4 to 7	○	Upright spreading	NS	Samara			Yellow-orange to red fall color
<i>Aesculus glabra</i>	Ohio buckeye	30–40'	30–40'	4 to 7	○	Rounded	Yellow-green, spring	Medium, brown	N		Orange-red to red-brown fall color
	'Autumn Splendor'	35–40'	25–30'	3 to 7	○	Upright, oval	Yellow-green, spring	Medium, brown			Maroon and red fall color
<i>Aesculus x carnea</i>	Red horsechestnut	30–40'	30–45'	4 to 9	○	Rounded to broad-rounded	Reddish, spring	Medium, brown			Less susceptible to blotch and mildew than other horsechestnuts
<i>Betula populifolia</i>	Gray birch	30–40'	10–20'	3 to 6	○	Narrow, pyramidal	Male catkin, spring	NS	N		Does well in poor soils; yellow fall color; usually short-lived (15 to 25 years); more resistant to bronze birch borer than other birches
	'Whitespire Sr.'	30–40'	20–25'	4 to 7	○	Narrow, pyramidal	Male catkin, spring	NS			Yellow fall color
<i>Carpinus betulus</i>	'Fastigiata'	30–40'	20–30'	(4) 5 to 7	○	Narrow, dense	NS	Small, tan			Slow growth rate; yellow fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

18 Deciduous Trees Small (30–40 feet)

Deciduous Trees Small (30–40 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Cladrastis kentukea</i>	American yellowwood	30–40'	30–40'	4 to 8	○	Broad, rounded	White [†] , spring	Medium pod, brown	N		Yellow fall color; can be weak wooded
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	'Harve' (Northern Acclaim [®])	30–40'	30–35'	3 to 6	○	Upright, spreading	NS	No			Drought resistant; fast growth rate; yellow fall color
<i>Koelreuteria paniculata</i>	Golden raintree	30–40'	30–40'	5 to 8	○	Regular rounded	Yellow, summer	Medium papery capsule, red to brown			Orange-yellow fall color
<i>Ostrya virginiana</i>	American hophornbeam (ironwood)	30–40'	20–35'	3 to 9	○	Wide-spreading, flat top	NS	Medium, tan	N		Slow growth rate; yellow fall color
<i>Phellodendron amurense</i>	Amur corktree	30–40'	30–45'	3 to 7	○	Broad, spreading	NS	Small, purple			Yellow, bronzy yellow fall color
	'Macho'	30–40'	30–45'	3 to 7	○	Moderately spreading	NS	No			Male; yellow fall color; good resistance to insects and disease
<i>Phellodendron lavalleyi</i>	'Longenecker' (Eye Stopper [™])	40'	30–40'	5 to 7	○	Rounded, spreading	NS	NS			Very corky bark; yellow fall color
<i>Phellodendron sachalinense</i>	'His Majesty'	30–40'	30'	4 to 7	○	Rounded	NS	No			Male; yellow fall color
<i>Pyrus calleryana</i>	Callery pear									W	
	'Aristocrat'	30–35'	20–25'	5 to 9	○	Pyramidal to oval	White, spring	NS			Good shade, street, or accent tree; fast growth rate; purplish red fall color
	'Autumn Blaze'	35'	20'	4 to 8	○	Pyramidal to rounded	White, spring	NS			Most hardy of all calleryana; reddish purple fall color
	'Cambridge'	40'	15'	5 to 9	○	Upright, pyramidal	White, spring	NS			Orange fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Small (30–40 feet), continued

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Tilia cordata</i>	Littleleaf linden	35–40'	30–35'	4 to 7	○	Broadly pyramidal	Yellow-white [†] , spring	Small nut like, tan			Good street tree; does well in poor soils; yellow fall color
	'Ronald' (Norlin™)	35–40'	30'	3 to 7	○	Broadly pyramidal	Yellow-white [†] , spring	Small nut like, tan			Fast growth rate; yellow fall color; resists sunscald and leaf gall
<i>Tilia mongolica</i>	Mongolian linden	30'	20–30'	3 to 5	○	Round	Yellow-white [†] , spring	Small nut like, tan			Susceptible to snow/ice damage; yellow fall color; resistant to aphids
	'Harvest Gold'	30–40'	25–30'	3 to 7	○	Upright, oval	Yellow-white [†] , spring	Small nut like, tan			Good street tree; golden-yellow fall color resistant to sunscald and leaf spot
<i>Ulmus davidiana</i> var. <i>japonica</i>	'Discovery'	35–40'	35–40'	3 to 7	○	Upright, vase shape	NS	NS			Yellow fall color; highly resistant to Dutch elm disease

Notes

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Very Small (under 30 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Acer griseum</i>	Paperbark maple	20–30'	10–15'	5 to 7	●	Upright, oval	NS	NS			Slow growth rate; bronze, russet-red, red fall color; exfoliating cinnamon colored bark
<i>Acer maximowiczianum</i>	Nikko maple	20–30'	30–40'	5 to 7	○	Vase shaped, rounded head	NS	NS			Slow growth rate; yellow, red, purple fall color
<i>Acer palmatum</i>	Japanese maple	15–25'	15–25'	5 to 8	○	Rounded	NS	NS			Needs protection in colder exposed areas; slow growth rate; variable fall color
<i>Acer tataricum</i>	Tatarian maple	15–20'	15–20'	3 to 8	○	Rounded to broad-rounded	NS	NS			Slow to medium growth rate; yellow, red, red-brown fall color
<i>Acer tataricum</i> ssp. <i>ginnala</i>	Amur maple	15–20'	20–25'	3 to 7	○	Spreading, irregular	NS	NS			Adaptable to many soil types; orange red, purplish fall color
<i>Acer triflorum</i>	Three-flower maple	20–30'	20–30'	5 to 7	○	Upright, spreading	NS	NS			Slow growth rate; yellow to red fall color; no serious disease or insect problems
<i>Acer truncatum</i>	Shantung maple	20–25'	20–25'	4 to 8	○	Rounded to broad-rounded	NS	NS			Extremely drought tolerant; slow growth rate; yellow-orange-red fall color
<i>Amelanchier arborea</i>	'Autumn Brilliance'	20–25'	15'	3 to 8	○	Upright, vase shaped	White, spring	Small, purple	N	W	Slow growth rate; all season appeal; brilliant red to orange fall color
	'Cole's Select'	20'	15'	4 to 9	○	Spreading	White, spring	Small, purple			Slow growth rate; orange to red fall color
<i>Amelanchier x grandiflora</i>	Apple serviceberry	15–25'	15–25'	4 to 9	○	Upright, vase shaped	White, spring	Small, purple		W	Slow growth rate
<i>Asimina triloba</i>	Common pawpaw	15–20'	15–20'	5 to 8	○	Narrowly pyramidal	Purple, spring	Large, green	N	W	Yellow–green fall color; fruit are edible
<i>Carpinus caroliniana</i>	American hornbeam	20–30'	20–30'	3 to 9	○	Wide-spreading, flat top	NS	Small nut like, tan	N		Slow growth rate; yellow, orange, red, red-purple fall color
<i>Cercis canadensis</i>	Eastern redbud	20–30'	25–35'	4 to 9	○	Round, vase shaped	Pink, spring	Large pod, brown	N		Fast growth rate; yellow-green fall color
	'Northland Strain'	15–20'	15–20'	4 to 9	○	Round, vase shaped	Pink, spring	Large pod, brown			Cold hardy
	'Royal White'	20–30'	20–30'	4 to 9	○	Round, vase shaped	White, spring	Large pod, brown			Cold hardy

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Very Small (under 30 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Cornus alternifolia</i>	Pagoda dogwood	15–25'	5–20'	3 to 7	○	Spreading, horizontal	Light yellow, spring	Small, black	N	W	Slow growth rate when young, medium growth rate when established; reddish purple fall color
<i>Cornus kousa</i>	Kousa dogwood	20–30'	20–30'	5 to 8	●	Vase shaped	White, early summer	Medium, red		W	Slow growth rate; red-purple to red fall color
<i>Cornus mas</i>	Corneliancherry dogwood	20–25'	15–20'	4 to 7	○	Oval, rounded	Yellow, early spring	Small, red		W	Requires well-drained soils; purplish red fall color
<i>Cotinus obovatus</i>	American smoketree	20–30'	20–30'	4 to 8	○	Rounded	Green-purple, spring	NS	N		Yellow, orange, red, red-purple fall color
<i>Crataegus crusgalli</i>	Cockspur hawthorn	20–30'	20–35'	4 to 7	○	Broad, rounded	White, June	Small, red	N	W	Red to purple fall color
<i>Crataegus crusgalli</i> var. <i>inermis</i>	Thornless cockspur hawthorn	15–20'	15–20'	4 to 7	○	Rounded, spreading	White, June	Small, red		W	Prefers moist soil; tolerates some drought; orange fall color; susceptible to severe leaf miner and rust damage
<i>Crataegus phaenopyrum</i>	Washington hawthorn	25–30'	20–25'	4 to 8	○	Broadly oval	White, spring	Small, red	N	W	Has thorns; orange, red, purple fall color
<i>Crataegus viridis</i>	Green hawthorn	20–30'	20–35'	4 to 7	○	Rounded, spreading	White, spring	Small red	N	W	Fruit are attractive in winter
	'Winter King'	20–30'	20'	4 to 7	○	Rounded	White, spring	Medium, red			Fruit are attractive in winter
<i>Elaeagnus angustifolia</i>	Russian olive	12–15'	12–15'	2 to 7	○	Rounded, open	Whitish, spring	Small, yellow-silver		W	Grey-green foliage; fast growing; can be messy
<i>Hamamelis x intermedia</i>	Hybrid witchhazel										
	'Arnold Promise'	15–20'	15–20'	4	○	Upright, spreading	Yellow [†] , winter	Small capsule, tan			Flowers later than most witchhazel; yellow-orange-red fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Very Small (under 30 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Hamamelis virginiana</i>	Common witchhazel	20–30'	20–25'	3 to 8	○	Upright, open	Yellow [†] , fall through winter	Small capsule, tan	N		Does not tolerate dry soils; yellow fall color
<i>Maackia amurensis</i>	Amur maackia										
	'Summertime'	18–20'	12–15'	3 to 8	○	Upright	Cream pod, late summer	Small, brown			Very hardy; deep green leaves; attractive bark provides winter interest
<i>Magnolia x loebneri</i>	Loebner magnolia	20–30'	30'	5 to 7	○	Rounded to broad-rounded	White [†] , spring	Large, red seeds in green pod		W	Late spring frost may damage early blooms; yellow-brown fall color; mildew resistant
	'Leonard Messel'	15–20'	20'	5 to 8	○	Rounded	Pink-purple [†] , spring	Large, red seeds in green pod			April blooming makes it less susceptible to frost damage; fast growth rate
	'Merrill'	25–30'	20–25'	3 to 8	○	Upright, oval	White [†] , spring	Large, red seeds in green pod			More pH adaptable than star magnolia; fast growth rate
<i>Magnolia x soulangiana</i>	Saucer magnolia	20–30'	Variable	4 to 9	●	Pyramidal	Pink-white [†] , spring	NS		W	Beautiful large flowers; yellow-brown fall color
<i>Magnolia stellata</i>	Star magnolia	15–20'	10–15'	5 to 9	○	Compact, rounded	White, spring	NS		W	Prefers low pH, fertile soil; slow growth rate; yellow-brown fall color
<i>Malus</i> spp.	Crabapple								N	W	
	'Adams'	20–25'	20'	4 to 8	○	Dense, rounded	Pink, spring	Medium, dark red			Orange-red fall color
	'Adirondack'	10'	6'	4 to 7	○	Columnar, oval	White with red tint, spring	Medium, orange-red		W	Slow growth rate; highly resistant to scab, fireblight, rust, and mildew
	'Camzam' (Camelot [®])	10'	8'	4 to 7	○	Rounded	Pink and white, spring	Medium, dark red			Flower buds open from red to pink to to white
	'Candy mint'	8–10'	15–18'	4 to 7	○	Horizontal	Pink, spring	Medium, red			Foliage has purple tint turning bronze by late summer

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Very Small (under 30 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Malus</i> spp. (continued)	'Louisa'	15'	15'	4 to 7	○	Weeping	Pink, spring	Medium, gold		W	Slow growth rate; disease resistant
	'Mary Potter'	10–15'	15–20'	4 to 8	○	Mounded, spreading	White, spring	Medium, red		W	Sometimes yellow fall color; moderately susceptible to scab; excellent resistance to Japanese beetle
	'Prairifire'	15–20'	20'	4 to 7	○	Upright to round	Red, spring	Medium, red		W	Blooms later than most crabapples; brown-red fall color; disease resistant
	'Purple Prince'	15–20'	15–20'	4 to 7	○	Rounded	Red, spring	Medium, blue-purple			Purple-red fall color; disease resistant
	'Red Splendor'	20–25'	20'	3 to 7	○	Upright, open	Pink, spring	Medium, red		W	Reddish-purple fall color; persistent fruit
	'Select A' (Firebird®)	5'	8'	4 to 7	○	Rounded	White, spring	Medium dark red			Slow growth habit; very resistant to scab; persistent fruit
	'Snowdrift'	15–20'	20–25'	3 to 7	○	Oval to rounded	White, spring	Medium, orange-red		W	Hardy and low maintenance plant; yellow fall color
	'Spring Snow'	25–30'	15'	4 to 7	○	Rounded	Pink buds open to white, spring	No			Good heat tolerance; yellow fall color
	'Sutyzam' (Sugar Tyme®)	18'	15'	4 to 7	○	Upright, spreading	White, spring	Medium, red			Disease resistant; persistent fruit
	'Tina'	5'	10'	4 to 7	○	Low, spreading	White with yellow center, spring	Medium, red			Slow growth rate; highly disease resistant
<i>Prunus cerasifera</i>	Cherry plum	15–30'	15–25'	5 to 8	○	Twiggy and rounded	White [†] , spring	Medium, reddish		W	pH adaptable; fast growth rate; numerous serious insect and disease problems; short lived
	'Frankthrees' (Mt. St. Helens®)	20'	20'	3 to 8	○	Round	Light pink, spring	Medium, purple			Fast growth rate; rich purple leaves throughout the summer; brown-purple fall color
	'Newport'	15–20'	15–20'	5 to 8	○	Round	Light pink, spring	Medium, purple			Fast growth rate; brown-purple fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Trees Very Small (under 30 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Prunus maackii</i>	Amur chokecherry	20–30'	25–30'	2 to 6	○	Rounded	White, spring	Small, black		W	Outstanding exfoliating bark; yellow fall color
<i>Prunus nigra</i>	Canadian plum	20–30'	10–20'	2 to 5	○	Upright, narrow-headed	Pink, spring	Large, red	N	W	Slow growth rate
	'Princess Kay'	15'	8–10'	2 to 6	○	Narrow, upright	White, spring	Large, red			Attractive dark bark; double flowers early
<i>Prunus sargentii</i>	Sargent cherry	20–30'	20–30'	5 to 7	○	Rounded	Pink, spring	Medium, black		W	Reddish-brown bark; brilliant red fall color
<i>Prunus virginiana</i>	Common chokecherry	20–30'	18–25'	2 to 6	○	Oval, rounded	White, spring	Small, red to purple	N	W	Yellow fall color
	'Shubert Select'	20–25'	20'	2 to 6	○	Oval, rounded	White, spring	Small red to purple			Requires well-drained soil; dark red foilage; fast growth rate; dark maroon fall color
<i>Pyrus calleryana</i>	Callery pear										
	'Glen's Form' (Chanticleer®)	25–30'	15'	5 to 9	○	Upright, pyramidal	White, spring	NS			Flowers later than Bradford pear; red-purple fall color
	'Trinity'	30'	20'	5 to 9	○	Tightly rounded	White, spring	NS			Orange-red fall color
<i>Syringa pekinensis</i>	Pekin lilac	15–20'	15–25'	3 to 7	○	Upright, arching	Creamy white, summer	NS			Shiny, coppery-colored exfoliating bark
	'DTR 124' (Summer Charm®)	20'	15'	3 to 7	○	Upright, spreading	Creamy white, summer	NS			Fast growth rate; shiny, coppery-colored, exfoliating bark
<i>Syringa reticulata</i>	Japanese tree lilac	25'	25'	3 to 7	○	Spreading	Creamy white, summer	Small, brown			Good tree for home landscapes
	'Ivory Silk'	25'	15'	3 to 8	○	Compact oval	Creamy white, summer	Small, brown			Good tree for home landscapes; improved cultivar of <i>S. reticulata</i>
<i>Ulmus</i> x	'Frontier'	27'	16'	5 to 9	○	Vase shaped	NS	NS			Fast growth rate; red fall color; moderate resistance to elm leaf beetle

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

26 Deciduous Trees Very Small (under 30 feet)

Evergreen Shrubs Large (5–10 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Ilex x meserveae</i>	Meserve hybrid hollies									W	
	'Mesan' (Blue Stallion®)	5–12'	4–12'	5 to 9	○-●	Broadly pyramidal	White, spring	No			Male pollinator for 'Blue Maid', 'Blue Princess', and 'China Girl'
	'Mesdob' (China Boy®)	4–8'	3–8'	5 to 9	○-●	Compact mounded	White, spring	No			Male pollinator for 'China Girl' and 'Blue Maid'; winter tolerant
	'Mesid' (Blue Maid®)	5–12'	3–8'	5 to 9	○-●	Pyramidal	White, spring	Medium, red		W	Needs 'Blue Stallion' to pollinate
	'Mesog' (China Girl®)	4–8'	4–8'	5 to 9	○-●	Rounded	White, spring	Medium, red		W	Needs 'Blue Stallion' or 'China Boy' to pollinate
<i>Juniperus chinensis</i>	Chinese juniper										
	'Angelica Blue'	5–6'	10'	3 to 9	○	Wide, spreading	NS	NS			Glaucous blue needles
	'Maney'	5'	5–6'	3 to 8	○-●	Semi-erect, spreading	NS	NS			Tolerates salt; prefers full sun to part shade
	'Sea Green'	5–6'	4–6'	4 to 8	○	Arching	NS	NS			Good for foundation planting; foliage darkens in cold
<i>Picea glauca</i>	White spruce										
	'Conica'	5'	2–3'	4 to 6	○-●	Conical	NS	Cone			Very slow growth rate; needs winter protection in zone 4
<i>Picea omorika</i>	Serbian spruce										
	'Nana'	8–10'	10–15'	4 to 7	○	Dense, broad, irregular	NS	Cone			Slow growth rate
<i>Rhododendron x</i>	Hybrid rhododendron										
	'Mikkeli'	5–6'	5–6'	4 to 7	○-●	Compact, spreading	White spring	NS			Dense branching habit
	'Northern Starburst'	4–5'	4–5'	4 to 7	○-●	Rounded	Pink, spring	NS			Something for every season; mahogany fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Evergreen Shrubs Large (5–10 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Rhododendron</i> x (continued)	'Olga Mezitt'	4–5'	4–5'	4 to 7	○-●	Upright– spreading	Bright pink, spring	NS			Light red fall color
	'Peter Tigerstedt'	6'	6'	4 to 7	○-●	Upright	White with violet flecks, spring	NS			Flower buds hardy to –33° F
	'PJM'	4–6'	3–5'	4 to 7	○-●	Rounded	Bright lavender pink, spring	NS			Needs low pH and moist, well- drained soil; plum, purple fall color
	'Weston's Pink Diamond'	4–6'	3'	4 to 7	○-●	Upright– spreading	Pink with silvery centers, spring	NS			Early flowering
<i>Rhododendron</i> x	Marjatta hybrid rhododendron										
	'Haaga'	5–7'	4–5'	4 to 7	○-●	Upright	Rosy pink, spring	NS			Flower buds hardy to –33° F ; green fall color
	'Hellikki'	5–6'	5–6'	4	○-●	Compact	Dark violet-red, spring	NS			Flowers buds hardy to –29° F
	'Helsinki University'	5–7'	4–5'	4 to 7	○-●	Upright	Light pink with red-orange flecks, spring	NS			Young plants have reddish foliage
<i>Taxus</i> x <i>media</i>	Anglojap yew	2–20'	Variable	4 to 7	○-●	Broad, pyramidal	NS	Small, red			Requires well-drained soil; slow growth rate
	'Brownii'	9'	12'	4	○	Densely rounded	NS	Small, red			Male
<i>Thuja occidentalis</i>	'Globosa'	4–6'	4–6'	3 to 7	○	Rounded	NS	NS			Greyish-green in winter
<i>Tsuga canadensis</i>	'Lewis'	6–8'	4–6'	3 to 7	○-●	Irregular, pyramidal	NS	NS			

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Evergreen Shrubs Small (under 5 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Buxus microphylla</i>	Littleleaf boxwood	3-4'	3-4'	6 to 9	○-●	Mounded	NS	NS			Slow growth rate; bronze-green fall color
	var. <i>koreana</i> 'Wintergreen'	2'	2-3'	4 to 9	○-●	Upright, spreading	NS	NS			Copper to bronze fall color
	var. <i>koreana</i> x <i>sempervirens</i> 'Glencoe' (Chicagoland Green®)	2-3'	2-3'	4	○-●	Compact, spreading	NS	NS			Holds green color through winter; resists winter desiccation
	var. <i>koreana</i> x <i>sempervirens</i> 'Green Mound'	3'	3'	4	○-●	Rounded	NS	NS			Dark green foliage
	var. <i>koreana</i> x <i>sempervirens</i> 'Green Mountain'	4'	3'	4	○-●	Pyramidal	NS	NS			Small dark green leaves; makes good hedge plant
	var. <i>koreana</i> x <i>sempervirens</i> 'Green Velvet'	2-3'	3'	5 to 9	○-●	Low, rounded	NS	NS			Slow growth rate
<i>Euonymus fortunei</i>	'Emerald 'n Gold'	1-2'	2-5'	5 to 8	○-●	Spreading	NS	NS			Leaves dark green with yellow margin; pink-red fall color
	'Moonshadow'	1-2'	4'	5 to 8	○-●	Spreading	NS	NS			Yellow leaves with thin green margins
<i>Juniperus chinensis</i>	'Kallays Compacta'	2-3'	6'	4 to 9	○	Compact	NS	Cone			Tolerates urban conditions and drought; slow growth rate
	'Saybrook Gold'	2-3'	6'	4 to 9	○	Spreading	NS	Cone			Slow growth rate; considered one of the brightest yellow foliated junipers; bronze-yellow fall color
<i>Juniperus communis depressa</i>	Oldfield juniper	2-5'	8-12'	3	○	Columnar	NS	NS	N		Tolerates poor soil; slow growth rate; brownish-green fall color
	'AmiDak' (Blueberry Delight®)	1'	4-5'	3 to 7	○	Low spreading	NS	NS			Bluish leaf color; slow growth rate

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Evergreen Shrubs Small (under 5 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Juniperus horizontalis</i>	Creeping juniper	1–2'	4–8'	4 to 9	○	Procumbent shrub	NS	NS	N		Tolerates hot dry conditions; purple tint fall color
	'Blue Chip'	8–10"	8–10'	3 to 8	○	Low prostrate	NS	NS			Slow growth rate
	'Blue Prince'	6"	3–5'	3 to 7	○	Creeping	NS	NS			Attractive when cascading over rock walls
	'Blue Rug' ('Wiltoni')	4–6"	6–8'	3 to 7	○-●	Low prostrate	NS	NS			Tolerates poor soil; foliage has purple tint in fall
	'Hughes'	1'	9'	3 to 8	○	Radial branching	NS	NS			Slow growth rate
	'Monber' (Icee Blue®)	4"	8'	3 to 7	○	Tight, compressed	NS	NS			Very flat; mature growth has purple tint
	'Mother Lode'	2–3"	2–3'	3 to 7	○-●	Gold-variegated	NS	NS			Sunlight encourages gold variegation; will be more green in shaded locations
	'Prince of Wales'	4–6"	3–8'	2 to 7	○	Procumbent	NS	NS			Foliage has purple tinge
<i>Juniperus procumbens</i>	Japgarden juniper	8–24"	10–15'	4 to 8	○	Dwarf, procumbent	NS	NS			Tolerates many soils; thrives under adverse conditions; slow growth rate
	'Nana'	6–10"	3–5'	4–8	○	Dwarf mounding	NS	NS			Slow growth rate
<i>Juniperus sabina</i>	Savin juniper	4–5'	5–10'	3 to 7	○	Upright	NS	NS			Slow growth rate; thrives in colder climates
	'Arcadia'	1–2'	6–8'	3 to 7	○	Dense and layered	NS	NS			Grass-green leaf color; resistant to juniper blight
	'Blue Forest'	1'	3'	5 to 7	○-●	Spreading	NS	NS			Good for rock gardens and as a ground cover
	'Broadmoor'	1'	3–5'	3 to 7	○	Dwarf spreading	NS	NS			Prefers well-drained soil; resistant to juniper blight
	'Buffalo'	1'	3–5'	3 to 7	○	Low spreading, mounded	NS	Small, bluish			Salt tolerant; feathery branches and bright green foliage
	'Monna' (Calgary Carpet®)	6–9"	10'	3 to 7	○	Spreading	NS	NS			Light green foliage

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Evergreen Shrubs Small (under 5 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Juniperus squamata</i>	Singleseed juniper	Variable	Variable	4 to 7	○	Dwarf, decumbent, erect	NS	NS			Tolerates dry soils; slow growth rate
	'Blue Star'	3'	3-4'	4 to 7	○	Rounded	NS	NS			Does poorly in high humidity and high night temperatures; slow growth rate
<i>Microbiota decussata</i>	Russian cypress	12"	8-10'	2 to 6	○	Spreading	NS	NS			Prefers well-drained soil; thrives in cool climate; foliage has bronze tint in cold temperatures
<i>Picea abies</i>	Norway spruce										
	'Little Gem'	2-3'	2-3'	3	○	Rounded, vase-shaped	NS	NS			Very slow growth rate
	'Nidiformis'	3'	2-3'	3 to 7	○-●	Spreading regular	NS	NS			Very slow growth rate
	'Pumila'	3-4'	3-4'	3 to 6	○	Rounded	NS	NS			Prefers colder climates; slow growth rate
<i>Picea pungens</i>	'Montgomery'	2-3'	2-3'	4 to 7	○-●	Conical, rounded	NS	Cone			Prefers moderately moist soils; slow growth rate
<i>Pinus mugo</i>	Mugo pine	3-5'	3-6'	2 to 7	○	Mounded, rounded	NS	Cone			Slow growth rate; very hardy
	'Mops'	3'	3'	2 to 7	○	Rounded	NS	Cone			Slow growth rate
<i>Pinus strobus</i>	'Blue Shag'	3-5'	3-5'	3 to 7	○	Rounded	NS	Cone			Slow growth rate
	'Nana'	4'	7'	3 to 7	○	Mounded, rounded	NS	Cone			Slow growth rate
<i>Rhododendron</i> x	'Pink Beauty'	2'	2-3'	2 to 7	○-●	Rounded	Pink, spring	NS			Flower color fades when nights are hot
	'Snowbird'	2-3'	2-3'	2 to 7	○-●	Mounded	White, spring	NS			Double flowers
	'Yellow Gem'	1-2'	3-4'	2 to 7	○-●	Mounded	Yellow, spring	NS			Ruffled petals

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Evergreen Shrubs Small (under 5 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Rhododendron</i> x	Marjatta hybrid rhododendron										
	'Aglo'	3-4'	3-4'	4 to 7	○-●	Compact	Light pink with dark throats, spring	NS			Early flowering; light red-brown fall color
	'Elvira'	3'	3'	4 to 7	○-●	Low, dense	Bright red, spring	NS			Compact growth
	'Pohjola's Daughter'	2-4'	3-5'	4 to 7	○-●	Spreading	Light pink to white with green or brown freckles, spring	NS			Dark green in fall
<i>Taxus</i> x <i>media</i>	Anglojap yew										
	'Densiformis'	3-4'	4-6'	5 to 7	○	Shrub-like	NS	Small, red			Slow growth rate
	'Tauntoni'	3-4'	4-6'	4 to 7	○	Spreading	NS	Small, red	N		Slow growth rate; resistant to winter burn
<i>Thuja</i> <i>occidentalis</i>	Eastern arborvitae						NS	Cone			
	'Hetz Midget'	2'	2-3'	3 to 8	○	Rounded	NS	Cone			Very slow growth rate; does not require shearing to keep shape
	'Holmstrup'	4'	2'	3 to 8	○-●	Narrow, pyramidal	NS	Cone			Tolerates poor drainage; slow growth rate
	'Rheingold'	4-5'	3-4'	5 to 8	○	Oval or columnar	NS	Cone			Slow growth rate; golden foliage in summer turning brownish-gold in winter
<i>Yucca</i> <i>filamentosa</i>	Adam's needle yucca	2-4'	3-4'	4 to 10	○	Rounded	White, summer	NS	N		Slow growth rate; green in fall

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Very Large (12 feet and over)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Amelanchier canadensis</i>	Shadblow serviceberry	20–25'	10–15'	4 to 8	○-●	Upright	White, spring	Small, purple	N	W	Yellow to red fall color
	'Glenn's Upright' (Rainbow Pillar®)	20'	8–10'	4 to 8	○-●	Upright	White, spring	Small, purple		W	Makes a good screen or hedge; yellow to red fall color
<i>Caragana arborescens</i>	Siberian peashrub	15–20'	12–18'	2 to 7	○	Erect, oval	Yellow, spring	Medium pod, brown			Tolerates high pH, drought, and salt; yellow-green fall color
<i>Cornus racemosa</i>	Gray dogwood	12–15'	10–15'	3 to 8	○-●	Erect, multi-stemmed	White, late spring	Small, bluish-white	N	W	Very adaptable; purplish red fall color; slow rate of growth
<i>Corylus avellana</i>	European filbert	12–20'	12–20'	4 to 8	○	Multi-stemmed	NS	Medium nut, brown		W	Grown for nut production; yellow-green fall color
<i>Elaeagnus umbellata</i>	Autumn olive	12–18'	6–10'	3 to 7	○-●	Spreading	Yellow, May	Medium, yellow-silver		W	Drought tolerant
<i>Euonymus europaeus</i>	Common spindle tree	12–30'	10–35'	4 to 7	○-●	Narrow, upright	NS	Small capsule, tan			Adaptable to range of environmental conditions; yellow to reddish purple fall color
<i>Ligustrum vulgare</i>	European privet	12–15'	12–15'	4 to 7	○	Irregular	White [†] , early summer	Small, black			Fast growth rate; tolerates shearing; flower fragrance may be objectionable
<i>Rhus glabra</i>	Smooth sumac	10–15'	10–15'	4 to 8	○	Upright, suckering	Greenish, summer	Large, red	N	W	Forms a thicket over time
	'Laciniata'	15–20'	15–20'	4 to 8	○	Upright	Greenish, summer	Large, red			Fast growth rate; fine texture foliage; yellow-orange-red fall color; fruit persists in winter
<i>Rhus typhina</i>	Staghorn sumac	15–25'	15–25'	4 to 8	○	Upright	Greenish-yellow, summer	Large, red	N	W	Slow–medium growth on old wood; quick to form root suckers; fruit persists in winter; yellow, orange, red fall color
<i>Salix caprea</i>	Pussy willow	15–25'	12–15'	4 to 8	○	Upright	Yellow, spring	NS	N		Silver-grey pubescent buds in spring; fast growth rate

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Very Large (12 feet and over)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Salix</i> spp.	Willow										
	'Flame'	20'	15–20'	3 to 6	○	Oval, loose rounded	NS	NS			Fast growth rate; yellow fall color
<i>Syringa x hyacinthiflora</i>	'Blanche Sweet'	12–15'	10–12'	3 to 9	○	Upright	Blue buds open to whitish-blue petals with pink tint, summer	NS			
<i>Viburnum lentago</i>	Nannyberry viburnum	20'	10'	2 to 8	○-●	Upright	White, May	Small, blue	N	W	Adaptable to moist or dry soils; purple-red fall color
<i>Viburnum prunifolium</i>	Blackhaw viburnum	12–15'	8–10'	5 to 8	○	Spreading	White, May	Small, red turning to black	N	W	Slow growth rate; red fall color
<i>Viburnum rufidulum</i>	Rusty blackhaw viburnum	12–20'	10–20'	5 to 9	○-●	Upright, arching	White, April	Small, blue	N	W	Slow growth rate; denser habit in full sun; purple-red fall color
<i>Viburnum sargentii</i>	Sargent viburnum	12–15'	12–15'	3 to 7	○-●	Multi-stemmed; upright, rounded	White, May	Small, red		W	Not heat tolerant; yellowish to reddish in fall

Notes

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Large (8–12 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Acer tataricum</i> ssp. <i>ginnala</i>	Amur maple										
	'Bailey Compact'	10–12'	10–12'	3	○	Rounded	NS	Samara			Requires no pruning; yellow-orange-red fall color
<i>Amelanchier alnifolia</i>	Saskatoon serviceberry	8–12'	6–10'	4 to 9	○	Small, multi-stemmed	White, late spring	Small, blue	N	W	Used in commercial fruit production; yellow to red fall color
<i>Chaenomeles speciosa</i>	Flowering quince	8–10'	8–10'	4 to 8	○	Rounded, spreading	Orange-red, early spring	Large, red			Adaptable to a range of soils; does well in dry conditions
<i>Cornus alba</i>	Tatarian dogwood	8–10'	5–10'	3 to 7	○	Upright	Yellow-white, spring	Small, white-blue			Fast growth; red to purple fall color
<i>Cornus sericea</i>	Redosier dogwood	8–10'	10'	2 to 7	○	Loose, broad spreading	White, late spring	Small blue	N		Fast growth rate; red stems; red to purple fall color
	'Cardinal'	8–10'	8–10'	2 to 7	○	Rounded	White, late spring	Small, blue			Fast growth rate; red stems; red to purple fall color
<i>Corylus americana</i>	American hazelnut	8–10'	15–18'	4 to 9	○	Multi-stemmed	Yellow male catkins, early spring	Medium nut, tan	N	W	Male catkins are striking in bloom; course texture; yellow-green fall color
<i>Cotinus coggygria</i>	Common smokebush	10–12'	10–12'	5 to 8	○	Upright	NS	NS			Adaptable to dry soils; plume that remains after bloom is showy; yellow-red-purple fall color
<i>Cotoneaster lucidus</i>	Hedge cotoneaster	8–10'	8–10'	4 to 7	○	Upright	Pink-white, late spring	Small, black		W	Does well in dry situations; yellow to red fall color
<i>Euonymus europaeus</i>	'Red Caps'	8–10'	8–10'	4 to 7	○	Rounded	NS	Small capsule, red			A tree form with abundant fruit; orange-red fall color
<i>Exochorda racemosa</i>	Common pearlbrush	10–12'	10–15'	4 to 8	○-●	Upright loose, irregular	White, spring	Small capsule, tan			Works well in a shrub border
<i>Exochorda serratifolia</i>	'Northern Pearls'	8–10'	8–10'	4 to 8	○-●	Upright, vase shaped	White, spring	Small capsule, tan			Prefers moist soil; excellent winter hardiness; yellow fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Large (8–12 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Forsythia x</i>	'Meadowlark'	8–10'	6–10'	3 to 8	○	Semi-arching	Yellow, spring	NS			Hardy to –35° F; fast growth rate
	'Northern Gold'	8–10'	5–7'	3 to 8	○	Upright	Yellow, spring	NS			Flower buds are very hardy
	'Northern Sun'	8–10'	7–9'	4 to 8	○	Upright, arching	Yellow, spring	NS			Tolerates a wide range of soils; fast growth rate; pest resistant
<i>Forsythia x intermedia</i>	Border forsythia	8–10'	10–12'	6 to 8	○	Irregular	Yellow, spring	NS			Tolerates urban conditions; fast growth rate; yellow-green fall color
<i>Hamamelis vernalis</i>	Vernal witchhazel	8–10'	8'	5 to 8	○-●	Loose	Red-orange, winter	Small capsule, tan			Yellow fall color
	'Autumn Embers'	8'	10'	4 to 8	○-●	Upright, rounded	Red-orange, winter	Small capsule, tan			Red-purple fall color
<i>Hibiscus syriacus</i>	Shrub althea	8–12'	6–10'	5 to 8	○	Oval, erect	Purple, red or combination, summer	Medium capsule, tan			Tolerates a wide range of soils; salt tolerant
<i>Hippophae rhamnoides</i>	Sea buckthorn	8–12'	10–40'	4 to 7	○	Irregularly rounded	Yellow, early spring	Small, orange			Difficult to establish; grayish green fall color; nitrogen fixing
<i>Ilex verticillata x serrata</i>	'Apollo'	10–12'	10–12'	4 to 9	○	Upright, ascending	NS	No			Male; new growth is bronze color
<i>Lindera benzoin</i>	Spicebush	8–12'	8–12'	4 to 9	○	Rounded	Yellow, spring	Small, red			Difficult to transplant; yellow fall color
<i>Lonicera fragrantissima</i>	Winter honeysuckle	8–10'	8–10'	4 to 8	○	Wide-spreading	Pink [†] , early spring	Small, red			Does not tolerate wet soils; fast growth rate
<i>Lonicera tatarica</i>	Tatarian honeysuckle	10–12'	10'	3 to 8	○	Upright, multi-stemmed	Pink to white, spring	Small, red		W	Fast growth rate
	'Arnold Red'	8–10'	8–10'	3 to 8	○	Upright, rounded	Dark red, spring	Small, red		W	Resistant to Russian aphid
	'Honeyrose'	10'	8–10'	4 to 7	○	Upright, rounded	Dark red, spring	Small, red		W	Drought tolerant; resistant to honeysuckle witches broom aphid; good substitute for 'Arnold Red'

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Large (8–12 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Philadelphus coronarius</i>	Sweet mockorange	10–12'	6'	4 to 8	○-●	Stiff, upright	White [†] , summer	Small capsule, tan			Adaptable to range of soils; fast growth rate
<i>Physocarpus opulifolius</i>	'Monlo' (Diablo [®])	8–10'	8–10'	3 to 7	○	Upright, rounded	White, summer	Small, reddish			Can cut to ground each spring; dark brown foliage
<i>Prunus x cistena</i>	Purpleleaf sand cherry	8–10'	6–8'	3 to 7	○	Rounded	Pink [†] , spring	Medium, purple			Reddish purple foliage
<i>Prunus tomentosa</i>	Nanking cherry	8–10'	10–15'	3 to 7	○	Dense, twiggy	Pink [†] , spring	Medium, red		W	Reddish brown exfoliating bark; useful in a shrub border; edible fruit
<i>Prunus triloba</i> var. <i>multiplex</i>	Double flowering plum	10–12'	10–12'	3 to 7	○-●	Broad, round	Pink [†] , spring	NS		W	Prefers fertile well-drained soils; yellow, bronze fall color
<i>Rhamnus frangula</i>	Glossy buckthorn	10–12'	8–12'	3 to 7	○	Upright	White-green, spring	Small, red turning to black		W	Adaptable to range of environmental conditions; yellow fall color
	'Asplenifolia'	10–12'	6–10'	2 to 7	○	Upright	White-green, spring	Small, red turning to black			Fine textured foliage; yellow fall color
	'Columnaris'	12'	3'	2 to 7	○-●	Narrow, upright	White-green, spring	Small, red turning to black			Upright growth habit makes a good screen; yellow fall color
<i>Rhus glabra</i>	Smooth sumac	10'	10'	3 to 8	○	Upright	White, spring	Large, red	N	W	Bright red fall color; fruit persists into winter
<i>Sambucus canadensis</i>	American elder	8–12'	Variable	4 to 9	○	Stoloniferous, multi-stemmed	White, summer	Small, purple	N	W	Fast growth rate; can be aggressive; yellow-green fall color
	'Aurea'	8–10'	5–10'	4 to 11	○	Round	White, summer	Small, purple		W	Yellow leaves; attractive through the year; yellow fall color
	'Laciniata'	8–10'	6–8'	5 to 8	○	Broad, round	White, summer	NS			Fine textured leaves; fast growth rate; does not fruit as well as the species
	'York'	10–12'	8–12'	3 to 9	○	Broad, round	White, summer	Small purple		W	Fast growth rate; fruiting improves when other cultivars are nearby

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Large (8–12 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Shepherdia argentea</i>	Silver buffaloberry	8–12'	8–12'	2 to 6	○	Rounded	NS	Small, yellow-red	N	W	Tolerates high pH, drought, extreme cold; fast growth rate; fruit edible
<i>Syringa x hyacinthiflora</i>	Early flowering lilac	8–10'	8–10'	3 to 7	○	Upright	White to purple [†] , spring	NS			Quite resistant to leaf curl necrosis; sometimes red-purple fall color
	'Mount Baker'	10–12'	10–12'	2 to 7	○	Upright	White [†] , spring	NS			A profuse bloomer
	'Pocahontas'	10–12'	10–12'	2 to 7	○	Upright	Violet [†] , spring	NS			A profuse bloomer
<i>Syringa x prestoniae</i>	Preston hybrid lilac	8–10'	4–10'	3	○	Upright	Pink-red [†] , spring	NS			Non-suckering plant
	'Donald Wyman'	8–10'	4–10'	2 to 7	○	Upright, dense	Deep pink to reddish [†] , spring	NS			Attractive shrub
	'James MacFarlane'	8–10'	6–10'	2 to 7	○	Upright	Pink [†] , spring	NS			Adaptable to range of environmental conditions; vigorous, hardy
<i>Syringa vulgaris</i>	Common lilac	8–12'	6–12'	3 to 7	○	Upright leggy, irregular	Light purple [†] , spring	NS			Leggy shrub; needs room to grow
	'Albert F. Holden'	8'	8'	3 to 7	○	Upright, rounded	Deep violet [†] , spring	NS			Resistant to powdery mildew
	'Krasavitsa Moskvyy' ('Beauty of Moscow')	10–12'	8'	3 to 7	○	Upright	Pale lavender to light pink [†] , spring	NS			Beautiful in bloom
	'Marie Frances'	8'	6'	3 to 7	○	Upright, rounded	Shrimp pink [†] , spring	NS			Unique colored lilac
	'Sensation'	8–10'	8–12'	3 to 7	○	Upright	Deep purple edged in white [†] , spring	NS			Unique flower
	'Yankee Doodle'	8'	8'	3 to 7	○	Upright	Purple [†] , spring	NS			One of the deepest purple lilacs

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

38 Deciduous Shrubs Large (8–12 feet)

Deciduous Shrubs Large (8–12 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Viburnum x burkwoodii</i>	Burkwood viburnum	8–10'	7–9'	5 to 8	○-●	Upright	White, spring	Small, red turning black		W	Prefer slightly moist, well-drained soil; occasional red fall color
<i>Viburnum dentatum</i>	'Morton' (Northern Burgundy®)	8–10'	8–10'	3 to 8	○-●	Upright	White, late spring	Small, blue-black		W	Deep red fall color
	'Ralph Senior' (Autumn Jazz®)	8–10'	10–12'	4 to 8	○-●	Vase shaped	White, late spring	Small, blue-black		W	Yellow-orange-red-burgundy fall color
	'Synnestvedt' (Chicago Lustre®)	10'	10'	5 to 7	○-●	Upright, vase shaped	White, late spring	Small, blue-black		W	Slow growth rate; reddish purple fall color; excellent pest and disease resistance
<i>Viburnum farreri</i>	Fragrant viburnum	8–12'	8–12'	5 to 8	○-●	Loose	White [†] , early spring	Small, red turning black		W	Red purple fall color
<i>Viburnum lantana</i>	Wayfaringtree viburnum	10–12'	10–15'	3 to 7	○-●	Upright, rounded	White, late spring	Small, red turning black		W	Red purple fall color
<i>Viburnum opulus</i>	European cranberry viburnum	8–12'	10–15'	3 to 8	○-●	Upright, spreading, multi-stemmed	White, spring	Small red		W	Adaptable to range of soil types; yellow-red, red-purple fall color
	'Roseum'	10–12'	10–15'	3 to 8	○-●	Rounded	White, spring	No			Sterile flowers
<i>Viburnum plicatum</i> var. <i>tomentosum</i>	Doublefile viburnum	8–10'	9–12'	5 to 7	○	Horizontal, tiered	White, spring	Small, red turning black		W	Needs some winter protection in colder climates; horizontal branching; reddish fall color
	'Mariesii'	8–10'	8–10'	5 to 8	○	Rounded	White, spring	Small, red turning black		W	Needs some winter protection in colder climates; horizontal branching; red-purple fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Large (8–12 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Viburnum</i> <i>x rhytidophylloides</i>	Lantanaphyllum viburnum	8–10'	8–10'	5 to 8	○-●	Upright	White, spring	Small, red turning black		W	Large leaves; coarse texture; abundant fruiting
	'Alleghany'	10'	10'	5 to 8	○-●	Rounded	White, spring	Small, red turning black		W	Dark green foliage; bright red leaves persist into winter
<i>Viburnum trilobum</i>	American cranberry viburnum	8–12'	8–12'	2 to 7	○-●	Upright, round-topped	White, spring	Small, red	N	W	Yellow, red-purple fall color; edible fruit
	'Wentworth'	10–12'	10–12'	2 to 7	○-●	Upright	White, spring	Small, red		W	Red fall color; edible fruit

Notes

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

40 Deciduous Shrubs Large (8–12 feet)

Deciduous Shrubs Medium (4–8 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Acer tataricum</i> ssp. <i>ginnala</i>	'Emerald Elf'	5–6'	5–6'	3 to 7	○	Compact, rounded	NS	NS			Drought tolerant; slow growth rate; red to purple fall color
<i>Amelanchier alnifolia</i>	'Regent'	4–6'	4–8'	2 to 7	○	Compact	White, spring	Small, black		W	Drought tolerant; yellow to red fall color; edible fruit
<i>Aronia arbutifolia</i>	Red chokeberry	6–8'	3–5'	4 to 9	○-●	Upright	White, spring	Medium, red	N	W	Tolerates wet and dry soils, slow growth; red-purple fall color
	'Brilliantissima'	6–8'	5–8'	5 to 8	○	Upright, rounded	White, spring	Medium, red		W	Does well in moist or well-drained soils; fast growth rate; can form a thicket; red fall color
<i>Aronia melanocarpa</i> var. <i>elata</i>	Glossy black chokeberry	4–6'	4–6'	3 to 7	○	Compact, rounded	White, spring	Large, dark purple	N	W	Red fall color; large fruit
	'Autumn Magic'	4–6'	2–4'	3 to 7	○	Upright, compact	White, spring	Large, dark purple		W	Tolerant of most soils; red and purple fall color; edible fruit
<i>Berberis</i> x	'Tara' (Emerald Carousel®)	4–5'	4–5'	4 to 7	○	Rounded, arching	Yellow, spring	NS			Deep red to red-purple fall color
<i>Berberis koreana</i>	Korean barberry	4–6'	3–5'	3 to 7	○	Multi-stemmed oval	Yellow, spring	Small, red			Extremely cold hardy; red-purple fall color
<i>Berberis</i> x <i>mentorensis</i>	Mentor barberry	5'	5–7'	5 to 8	○-●	Upright, stiff	Yellow, spring	NS			Adaptable to range of environmental conditions; yellow fall color
	var. <i>atropurpurea</i> 'Bailset' (Golden Carousel®)	4–5'	4–5'	4 to 7	●	Upright	Yellow, spring	NS			Leaves are more yellow in light shade; red to orange in fall
<i>Berberis thunbergii</i>	Japanese barberry	4–6'	4–7'	4 to 8	○	Rounded	Yellow, spring	Small, red			Prefers dry conditions; tolerates urban conditions; orange-red to red-purple fall color
<i>Calycanthus floridus</i>	Common sweetshrub	4–6'	6–8'	5 to 9	○-●	Upright, spreading	Maroon, late spring	Medium capsule, tan	N		Prefers moist, well-drained soil; golden yellow fall color
<i>Caragana frutex</i>	Russian peashrub	8'	6–8'	2 to 7	○	Upright, rounded	Yellow, spring	NS			Drought resistant

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Clethra alnifolia</i>	Summersweet clethra	4–8'	4–6'	4 to 9	○-●	Oval	White, late summer	Medium capsule, tan	N		Prefers moist soils; yellow to golden brown fall color
	'Ruby Spice'	4–6'	3–4'	4 to 9	○-●	Upright	Pink, late summer	Medium capsule, tan			Yellow fall color
<i>Cornus alba</i>	'Argenteo-marginata'	6–8'	5–8'	3 to 7	○	Rounded	Yellow-white, late spring	Small, blue-white			Variiegated white and green leaves; fast growth rate
	'Bailhalo' (Ivory Halo®)	5–6'	5–6'	3 to 7	○	Compact, rounded	Yellow-white, late spring	Small, blue-white			Variiegated white and green leaves; fast growth rate; more compact than 'Argenteo-marginata'
	'Bud's Yellow'	6–8'	5–6'	3 to 7	○	Rounded	Yellow-white, late spring	Small, blue-white			Yellow stems; fast growth; yellow fall color
<i>Cornus sericea</i>	'Isanti'	5–6'	8–10'	2 to 7	○	Compact	Yellow-white, late spring	Small, white			Slow growth rate; red-purple fall color
<i>Corylus avellana</i>	'Contorta'	6–8'	4–6'	5 to 8	○	Upright, spreading	Yellow male catkins, spring	NS			Stems and leaves twisted; slow growth rate
<i>Cotoneaster divaricatus</i>	Spreading cotoneaster	5–6'	6–8'	4 to 7	○	Spreading, multi-stemmed	Red, late spring	Small, red		W	Yellow-red-purple fall color
<i>Deutzia x lemoinei</i>	Lemoine deutzia	5–7'	5–7'	5 to 8	○	Twiggy, dense, round	White, spring	NS			Good as a background shrub; yellow fall color
<i>Euonymus alatus</i>	Winged euonymus										
	'Compactus'	6–8'	6–8'	4 to 7	○	Rounded	NS	NS			Slow growth rate; creates good hedge without pruning
	'Rudy Haag'	4–5'	4–5'	4 to 7	○	Compact	NS	NS			Very slow growth rate; red fall color
<i>Euonymus fortunei</i>	'Emerald Gaiety'	4–5'	4–5'	5 to 9	○	Mounded, spreading	NS	NS			Variiegated green and white leaves; pinkish tint to leaves in winter
<i>Exochorda serratifolia</i>	Korean pearlshrub	6–8'	4–6'	4 to 7	○-●	Upright	White, spring	Small capsule, tan			Yellow fall color; insect and disease resistant
<i>Forsythia x</i>	'Sunrise'	5'	5'	4 to 8	○	Rounded	Yellow, spring	NS			Flower buds hardy to –20 °F

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

42 Deciduous Shrubs Medium (4–8 feet)

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Forsythia viridissima</i>	Greenstem forsythia	6–8'	6–8'	5 to 8	○	Stiff, upright	Bright yellow with greenish tint, spring	NS			Good in shrub border
<i>Fothergilla gardenii</i>	'Mount Airy'	5–6'	4–5'	5 to 8	○-●	Upright	White, spring	NS			Yellow, orange, red fall color
<i>Fothergilla major</i>	Large fothergilla	6–8'	6–10'	4 to 8	○-●	Rounded multi-stemmed	White, spring	NS	N		Slow rate of growth; yellow, orange, scarlet fall color
<i>Hydrangea arborescens</i>	'Annabelle'	4–5'	3–6'	3 to 9	○-●	Rounded	White, summer	NS			Good in shrub border
<i>Hydrangea macrophylla</i>	'Nikko Blue'	4–5'	4–5'	5 to 9	●-●	Rounded	Blue, summer	NS			Needs winter protection in coldest areas
<i>Hydrangea paniculata</i>	'Grandiflora' (Pee Gee)	8'	10–15'	3 to 8	○	Upright, rounded	White, summer	NS			Flowers persist after blooming; flowers used in dried arrangements
	'Pink Diamond'	6–8'	6–8'	3 to 8	○	Upright, rounded	Pink-white, summer	NS			Heat and drought tolerant; flowers persist after blooming
	'Tardiva'	6–8'	8–10'	3 to 8	○	Rounded	White, summer	NS			Large blooms that fade to brown-pink; flowers persist after blooming
	'White Moth'	6–7'	6–7'	3 to 8	○	Rounded	White, summer	NS			Flowers until frost; flowers persist after blooming
<i>Hydrangea quercifolia</i>	Oakleaf hydrangea	4–6'	4–8'	5 to 8	○-●	Upright	White, summer	NS	N		Red-orange fall color; may need winter protection in Zone 5
<i>Ilex glabra</i>	Inkberry	6–8'	8–10'	5 to 9	○-●	Upright	White, spring	Small, blue	N		Male and female plants; slow growth rate
<i>Ilex verticillata</i>	Winterberry	6–8'	6–10'	3 to 9	○	Oval, rounded			N	W	Slow growth rate
	'Afterglow'	4–6'	4–6'	4 to 9	○	Compact	White, spring	Medium, red		W	Slow growth rate; use male for pollination; orange to red fall color
	'Spriber' (Berry Nice™)	6–8'	6–8'	4 to 9	○	Loose, upright	White, spring	Medium, red		W	Slow growth rate; 'Southern Gentleman' recommended as a pollinator; good mildew resistance

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Ilex verticillata</i> (continued)	'Jim Dandy'	4–6'	4–5'	4 to 9	○	Rounded	White, spring	No			Slow growth rate; early flowering male; pollinator for the northern types
	'Red Sprite'	4–5'	3–4'	4 to 9	○	Compact, rounded	White, spring	Medium, red		W	Slow growth rate; male needed for pollination; yellow-green to purplish-brown fall color
	'Southern Gentleman'	6–8'	6–8'	4 to 9	○	Rounded	White, spring	No			Male pollinator for the southern type; yellow-green to purplish-bronze fall color
	'Winter Red'	6–8'	8'	4 to 9	○	Rounded	White, spring	Small, red		W	Will thrive and fruit in shade; slow growth rate
<i>Ilex verticillata</i> x <i>serrata</i>	'Sparkleberry'	7–8'	6–7'	4 to 9	○	Upright	White, spring	Medium, red		W	Fruit persist into winter
<i>Kerria japonica</i>	Japanese kerria	4–6'	6–9'	4 to 9	○-●	Upright, arching	Yellow, spring	NS			Slow growth rate until established; fast after that; yellow fall color
<i>Kolkwitzia amabilis</i>	Beautybush	6–8'	6–8'	5 to 8	○	Upright	Pink, spring	Small capsule, tan		W	Prefers dry, well-drained soil; fast growth rate
<i>Ligustrum vulgare</i>	Common privet										
	'Cheyenne'	6–8'	5–6'	4 to 8	○-●	Upright	NS	NS			Drought tolerant; resistant to honeysuckle witches broom aphid
<i>Lonicera</i> x <i>xylosteoides</i>	'Clavey's Dwarf'	4–6'	5–6'	3 to 7	○	Rounded, compact	Yellowish white, May	Small, red			Drought and salt tolerant; can be sheared
<i>Myrica pensylvanica</i>	Northern bayberry	6–8'	8–10'	3 to 6	○-●	Upright, rounded	NS	Small, grey	N	W	Male and female plants; persistent fruit on female plants
<i>Philadelphus</i> x	Hybrid mockorange										
	'Buckley's Quill'	5–6'	4'	4 to 8	○	Small, erect branching	White [†] , May	NS			Fast growth rate
	'Natchez'	6–8'	5–6'	5 to 8	○	Upright	White [†] , May	NS			Heavily flowered

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

44 Deciduous Shrubs Medium (4–8 feet)

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Philadelphus lewisii</i>	Lewis mockorange	6–8'	4–5'	3 to 6	○-●	Upright	White [†] , June	NS			Flowers best in full sun
	'Blizzard'	4–5'	3'	3 to 7	○	Upright	White [†] , June	NS			Winter hardy; profuse blooms
<i>Physocarpus opulifolius</i>	Common ninebark	6–8'	6–10'	2 to 7	○-●	Upright, spreading	White, summer	Small, red	N		Tolerant of high and low pH; dry soils
	'Dart's Gold'	4–5'	4–5'	2 to 7	○	Compact	White, summer	Small, red			Compact growth; works well in a shrub border; yellow leaves
	'Nugget'	6'	5'	3 to 7	○	Rounded	White, summer	NS			Leaves open golden yellow; yellow fall color
<i>Prunus besseyi</i>	Western sand cherry	4–6'	4–6'	3 to 6	○	Rounded	White, April-May	Medium, purple-black	N	W	Prefers well-drained soils; tolerant of heat and drought; purple fall color
<i>Prunus glandulosa</i>	Flowering almond	4–5'	3–4'	4 to 8	○	Upright, vase-shaped	Pink to white, spring	NS		W	Uninteresting when not in flower
<i>Rhododendron</i> x	Lights azalea hybrids										
	'Golden Lights'	4–5'	3–4'	4 to 7	○-●	Upright, rounded	Gold, spring	NS			Bronze-red fall color; more resistant to mildew than 'Northern Lights'
	'Lemon Lights'	4–5'	3–4'	4 to 7	○-●	Rounded	Light yellow, spring	NS			Maroon-bronze fall color; great powdery mildew resistance
	'Mandarin Lights'	4–5'	4–5'	4 to 7	○-●	Upright, rounded	Orange, spring	NS			Bronze fall color
	'Northern Hi-lights'	4–5'	5'	4 to 7	○-●	Upright, rounded	Creamy white and yellow, spring	NS			Bronze-purple fall color
	'Northern Lights'	4–5'	5–6'	4 to 7	○-●	Spreading	Light to dark pink, spring	NS			
	'Rosy Lights'	4–5'	5–6'	4 to 7	○-●	Spreading	Deep rose, spring	NS			
	'White Lights'	5–6'	5–6'	4 to 7	○-●	Rounded	White, spring	NS			Bronze-purple fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Rhodotypos scandens</i>	Black jetbead	4–6'	4–9'	4 to 8	○-●	Mounded, loosely branched	White, May	Small, black			Good for difficult growing environment; fall color green with a hint of yellow
<i>Rhus aromatica</i>	Fragrant sumac	4–6'	6–10'	3 to 9	●-●	Low, irregular spreading	Yellow, March-April	Small, red on female only	N	W	Male and female plants; orange to red, red-purple fall color
<i>Ribes alpinum</i>	Alpine currant	4–6+	4–6+	2 to 7	○	Densely twiggy	Greenish, spring	NS		W	Good hedge plant; yellow fall color
<i>Rosa</i> spp.	'Blanc Double de Coubert'	4–6'	4–6'	2	○	Upright, spreading	Light pink				Tends to sucker; yellow fall color; highly resistant to black spot and powdery mildew
<i>Sorbaria sorbifolia</i>	Ural false spirea	5–8'	5–8'	2 to 7	○	Upright	White, summer	NS			Fast growth rate
<i>Spiraea japonica</i>	Japanese spirea	4–5'	4–5'	4 to 8	○	Round, spreading	White, summer	NS			Attractive as a shrub border; fast growth rate
<i>Spiraea prunifolia</i>	Bridalwreath spirea	4–8'	6–8'	4 to 8	○-●	Open, coarse, scraggly	White, spring	NS			Yellow-orange, purple-brown fall color
<i>Spiraea x vanhouttei</i>	Vanhoutte spirea	6–8'	8–10'	3 to 8	○-●	Vase-shaped	White, spring	NS			Densely branched
<i>Stephanandra incisa</i>	Cutleaf stephanandra	4–7'	4–7'	4 to 7	●-●	Wide-spreading	Yellow-white, May	NS			Fast growth rate; red-purple, red-orange fall color
<i>Symphoricarpos albus</i>	White snowberry	4–6'	4–6'	3 to 7	○-●	Bushy, rounded	Pink, July	Small, white	N	W	Adaptable to range of soil types; fast growth rate
<i>Symphoricarpos x chenaultii</i>	Chenault coralberry	4–6'	5–6'	4 to 7	○-●	Low-spreading	White-pink, June	Small, pink		W	Densely branched; attractive fruit
<i>Syringa</i> x	Hybrid lilac										
	'Bailbelle' (Tinkerbelle®)	5–6'	4–5'	3 to 7	○	Upright	Wine-red flower buds open to pink [†] , spring	NS			Flowers have spicy fragrance
	'Bailming' (Prince Charming®)	5–6'	4–6'	3 to 7	○	Rounded	Wine-red buds open to lavender pink [†] , spring	NS			Flowers have spicy fragrance

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

46 Deciduous Shrubs Medium (4–8 feet)

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Syringa</i> x (continued)	'Bailsugar' (Sugar Plum Fairy®)	4–5'	4–5'	3 to 7	○	Rounded	Rosy-lilac [†] , spring	NS			Compact growth; flowers have strong lilac fragrance
<i>Syringa meyeri</i>	Meyer lilac	4–8'	3–5'	3 to 7	○	Small, dense, neat	Purple-pink [†] , May				
	'Palibin' (Dwarf Korean lilac)	4–5'	5–7'	3 to 7	○	Compact, low spreading	Purple-pink [†] , May	NS			Slow growth rate; burgundy fall color
<i>Syringa microphylla</i>	Littleleaf lilac	6'	9–12'	4 to 7	○	Broad, spreading	Rosy-lilac, May	NS			Small leaves, pubescent below; compact growth
	'Superba'	6'	9–12'	5 to 7	○	Broad, spreading	Deep pink, spring	NS			Will flower again sporadically in September
<i>Syringa patula</i>	Manchurian lilac	8'	8'	4 to 8	○	Upright, rounded	Lilac purple, May-June	NS			Slow growth rate
	'Miss Kim'	4–8'	4–8'	3 to 7	○	Broad, spreading	Purple buds open to pale lilac, late spring	NS			Slow growth rate; red-purple fall color
<i>Syringa x prestoniae</i>	'Miss Canada'	6–8'	6–8'	3 to 7	○	Upright, rounded	Magenta pink, spring	NS			Late flowering
<i>Syringa vulgaris</i>	'Wedgewood Blue'	6'	6–8'	3 to 7	○	Upright	Grey-blue, spring				Mildew resistant
<i>Viburnum</i> x	Hybrid viburnum										
	'Emerald Triumph'	5–6'	6'	4 to 7	○	Rounded	Creamy white, spring	Small, red to black		W	Similar to <i>V. lantana</i> ; deep purple fall color
<i>Viburnum x burkwoodii</i>	'Mohawk'	7–8'	7–8'	5	○-●	Compact, rounded	White with red blotches, spring	Small, red changing to black		W	Orange-red fall color; resistant to bacterial leaf spot and powdery mildew
<i>Viburnum carlesii</i>	Koreanspice viburnum	6–8'	4–6'	5 to 7	○-●	Rounded, dense	White [†] , early spring	NS			Prefers slightly low pH and well-drained soils; slow growth rate; red to purple-red fall color; prune after flowering

○ Sun; ◐ Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Medium (4–8 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Viburnum cassinoides</i>	Witherod viburnum	5–6'	5–6'	4 to 8	○	Compact–rounded	White, June	Small, blue-black	N	W	Orange-red-purple fall color
<i>Viburnum dentatum</i>	Arrowwood viburnum	6–8'	6–15'	3 to 8	○-●	Multi-stemmed, dense, rounded	White, June	Small, blue-black	N	W	Yellow, red, reddish purple fall color
	'Christom' (Blue Muffin®)	5–7'	4–6'	3 to 9	○-●	Rounded	White, spring	Small, blue-black		W	Adaptable to a wide range of growing conditions; good as a hedge; yellow fall color
<i>Viburnum x juddii</i>	Judd viburnum	6–8'	4–6'	5 to 8	○-●	Rounded	White [†] , spring	NS			Good resistance to bacterial leaf spot
<i>Viburnum lantana</i>	'Mohican'	6'	8'	3 to 7	○-●	Compact, rounded	Creamy white, April	Small, orange-red to black		W	Tolerates wet soils; makes a nice hedge; purple-bronze fall color
<i>Viburnum sargentii</i>	'Onondaga'	6'	6'	4 to 7	○-●	Rounded	White with purple tint, spring	Small, red		W	Attractive as a screen or in a shrub border; red fall color
<i>Viburnum trilobum</i>	American cranberry viburnum								N	W	
	'Alfredo'	5–6'	5–6'	2 to 7	○-●	Rounded	White, May	Small, red		W	Compact; red fall color
	'Bailey Compact'	5–6'	5–6'	2 to 7	○-●	Compact, rounded	White, May	Small, red		W	New leaves have red tint; red fall color
<i>Weigela florida</i>	Old-fashioned weigela	6–8'	8'	5 to 8	○	Dense, spreading, rounded	Pink, spring	NS			Extremely adaptable; fast growth rate
	'Red Prince'	5–6'	5–6'	4 to 8	○	Upright, arching	Red, spring	NS			Very adaptable to a range of growing conditions; fast growth rate; may have secondary bloom in late summer
	'White Knight'	5–6'	5–6'	4 to 8	○	Rounded	White, spring	NS			Compact, dense growth

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

48 Deciduous Shrubs Medium (4–8 feet)

Deciduous Shrubs Small (under 4 feet)

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Abeliophyllum distichum</i>	White forsythia	3-4'	3-4'	5 to 8	○	Multi-stemmed	White, early spring	NS			One of the first shrubs to flower; purplish fall color
<i>Berberis x</i>	Hybrid barberry										
	'Kobold'	2-3'	2-3'	4 to 8	○	Mounded	NS	NS			Dark green foliage in summer; off-yellow tinged fall color
	'Monler' (Gold Nugget®)	1-2'	2'	4 to 8	○	Compact, mounded	NS	NS			Orange new growth maturing to yellow
<i>Berberis thunbergii</i>	var. <i>atropurpurea</i> 'Bailone' (Ruby Carousel®)	3-4'	3'	4 to 7	○	Upright	NS	NS			Prefers moist, well-drained soils
	var. <i>atropurpurea</i> 'Bailtwo' (Burgundy Carousel®)	3'	4-5'	4 to 7	○	Spreading	NS	NS			Prefers moist but well-drained soils; red-purple leaves summer through fall
	var. <i>atropurpurea</i> 'Crimson Pygmy'	2'	2-3'	4 to 7	○	Compact, rounded	NS	NS			Full sun for best color; orange, red fall color
	var. <i>atropurpurea</i> 'Rose Glow'	3'	2-3'	4 to 7	○	Compact, rounded	Yellow, summer	Small, red			Full sun for best color; red fall color
<i>Callicarpa dichotoma</i>	Purple beautyberry	3-4'	3-6'	5 to 8	○-●	Rounded, arching	Pink, summer	Small, purplish			Yellow fall color
	'Issai'	3-4'	3-4'	5 to 8	○-●	Rounded	Pink, summer	Small, purplish			Compact growth; fruits early
<i>Caragana frutex</i>	Russian peashrub										
	'Globosa'	2-3'	2-3'	2 to 7	○	Compact, rounded	Yellow, summer				Excellent as a formal hedge; slow growth rate
<i>Caragana pygmaea</i>	Pygmy peashrub	3'	4-5'	3 to 7	○	Spreading	Yellow, summer				Drought tolerant; hardy
	'Texas Scarlet'	3'	3-4'	5 to 8	○	Mounded					Almost thornless

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Small (under 4 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Clethra alnifolia</i>	Summersweet clethra										
	'Hummingbird'	3-4'	3-4'	4 to 9	●	Mounded, compact	White, summer	Small capsule, tan	N		Tolerant moist soils; yellow fall color
<i>Cotoneaster adpressus</i>	Creeping cotoneaster	1-2'	4-6'	4 to 7	○	Compact	White, spring	Small, red		W	Rigid branching; very dwarf; slow rate of growth
<i>Cotoneaster apiculatus</i>	Cranberry cotoneaster	2-3'	3-6'	5 to 7	○	Dense, mounded	Pink, June	Small, red		W	Prefers moist, well-drained soil, but is adaptable; slow growth rate; brown-red fall color; fruit persist in winter
<i>Cotoneaster dammeri</i>	Bearberry cotoneaster	1-2'	6'	5 to 7	○	Prostrate	White, spring	Small, red		W	Slow growth rate; dark green, red-purple fall color; highly susceptible to hawthorn larva bug; short-lived (<5 years)
<i>Cotoneaster horizontalis</i>	Rockspray cotoneaster	2-3'	5-8'	5 to 7	○	Prostrate	White, spring	Small, red		W	Red-purple fall color
<i>Daphne x burkwoodii</i>	Burkwood daphne	3-4'	3-4'	4 to 7	○-●	Broad mounded	Pink [†] , white [†] , May	Small, red			Requires cool, dry or well-drained soil; prefers alkaline soils
	'Carol Mackie'	2-3'	3-4'	4 to 7	○-●	Mounded	Pink [†] , May	Small, red			Requires high pH; well-drained soil; variegated leaves
	'Somerset'	3-4'	4'	4 to 7	○-●	Mounded	Pink [†] , May	Small, red			Requires high pH; well-drained soil; variegated leaves
<i>Deutzia gracilis</i>	Slender deutzia	2-4'	3-4'	4 to 8	○	Low, broad mound	White, May	NS			Best used in mass plantings; white flowers in late May
	'Nikko'	2'	5'	5 to 8	○	Compact	White, May	NS			Dense growth; works well as a groundcover; purple-red fall color
<i>Diervilla lonicera</i>	Dwarf bush honeysuckle	4'	3-4'	3 to 7	○	Mounded, spreading	Yellow, late spring	NS	N		Tolerates dry, well-drained soil; reddish fall color
<i>Forsythia x</i>	Hybrid forsythia										
	'Arnold Dwarf'	3'	7'	4 to 8	○-●	Low, groundcover	Yellow, early spring	NS			Excellent groundcover

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

50 Deciduous Shrubs Small (under 4 feet)

Deciduous Shrubs Small (under 4 feet), continued

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Forsythia x intermedia</i>	'Courtasol' (Gold Tide™)	1-2'	5'	4 to 8	○	Low, groundcover	Yellow, early spring	NS			Prefers moist, well-drained soil; does not tolerate dry soil; works well as a groundcover
	'Fiesta'	3-4'	3-5'	4 to 8	○	Upright, mounded	Yellow, early spring	NS			Prefers evenly moist soils
<i>Forsythia viridissima</i>	'Bronxensis'	2-3'	2-3'	5 to 8	○	Compact, flat top	Yellow, early spring	NS			Bronze leaves in cold
<i>Fothergilla gardenii</i>	Dwarf fothergilla	2-3'	2-3'	5 to 8	○-●	Upright, spreading	White [†] , spring	NS			Prefers low pH, well-drained soil; slow growth rate; yellow, orange, red fall color
	'Blue Mist'	2-3'	3-4'	7 to 8	○-●	Wispy, mounded	White [†] , spring	NS			Bluish leaves; otherwise similar to <i>F. gardenii</i>
<i>Genista tinctoria</i>	Common woadwaxen	2-3'	2-3'	4 to 7	○	Low vertical	Yellow, July	Medium pod, tan			Slow growth rate
	'Royal Gold'	1-2'	2'	4 to 7	○	Low, compact	Golden yellow, July	Medium pod, tan			Grows well in poor soil; drought tolerant
<i>Hydrangea arborescens</i>	Smooth hydrangea	3-4'	3-4'	4 to 9	○-●	Low, clumpy rounded	White, summer	NS	N		Adaptable to range of growing conditions; fast growth rate; green to brown in fall
	'Dardom' (White Dome®)	3-4'	3-5'	4 to 8	○-●	Rounded	White, summer	NS			Dark green leaves; large flowers
<i>Hydrangea macrophylla</i>	Bigleaf hydrangea	3-4'	3-6' +	6 to 9	●	Rounded, erect	Blue, pink, summer	NS			Not well adapted to zone 5; prefers shade in zones 7 to 9; fast growth rate
	'All Summer Beauty'	3-4'	3-5'	5 to 9	●	Rounded	Blue, pink, summer	NS			Flower color depends on soil pH
<i>Hypericum kalmianum</i>	St. Johnswort	2-3'	2-3'	4 to 7	●	Mounded	Golden yellow, summer	Small capsule, tan			Drought tolerant; slow growth rate
	'Ames'	2-3'	2-3'	4 to 7	●	Perfect mounded	Golden yellow, summer	Small capsule, tan			Masses of golden yellow flowers in midsummer

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Small (under 4 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Itea virginica</i>	Virginia sweetspire	3-4'	4-6'	5 to 9	○-●	Arching	White [†] , summer	Small capsule, tan			Adaptable to a range of growing conditions; yellow, orange, red-purple fall color
	'Henry's Garnet'	3-4'	4-6'	5 to 9	○-●	Rounded, arching	White [†] , summer	Small capsule, tan			Prefers moist, fertile soil; red-purple fall color
	'Sprich' (Little Henry [®])	18-24"	3'	5 to 9	○-●	Compact	White [†] , early summer	Small capsule, tan			Attractive mass planting and shrub border; red fall color
<i>Ligustrum vulgare</i>	'Lodense'	3'	3-4'	4 to 8	○	Low, dense, compact	White, summer	Small, black-purple			Holds leaves late; susceptible to blight
<i>Lonicera xylosteum</i>	'Emerald Mound'	2-3'	4-6'	4 to 8	○	Mounded	Yellow- white, spring	Small, red			Drought tolerant
	'Miniglobe'	3-4'	3-4'	3 to 6	○	Compact, rounded	NS	NS			Dense growth habit; very hardy
<i>Philadelphus x</i>	Hybrid mockorange										
	'Miniature Snowflake'	2-3'	1-2'	4 to 8	○-●	Dwarf, compact, upright	White [†] , spring	NS			Profuse bloomer; disease-resistant foliage
<i>Physocarpus opulifolius</i>	'Nanus'	2-4'	4-6'	2 to 7	○	Arching	White spring	Small, red			Dark green leaves; useful as a mounding groundcover
<i>Potentilla fruticosa</i>	Bush cinquefoil	1-4'	2-4'	2 to 6	○	Rounded to broad-rounded	Yellow, summer	NS	N		Green to yellow-brown fall color
	'Abbotswood'	2-3'	2-3'	2 to 7	○	Spreading	White, spring-fall	NS			Few insect or disease problems
	'Coronation Triumph'	3-4'	3-4'	2 to 7	○	Dense full and mounded	Yellow, early spring	NS			One of the longest blooming potentillas
	'Fargo' (Dakota Sunspot [®])	2-3'	3-4'	2 to 7	○	Rounded	Deep gold, spring-fall	NS			Compact growth; hardy

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Small (under 4 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Potentilla fruticosa</i> (continued)	'Katherine Dykes'	2-3'	3-4'	2 to 7	○	Spreading, arching	Light yellow, spring-fall	NS			Tolerates drought; silver green leaves
	'McKay's White'	2-3'	2-3'	3 to 7	○	Rounded	White, summer	NS			One of the best white flowering potentillas
<i>Rhododendron</i> x	'Orchid Lights'	2-3'	2-3'	4 to 7	○-●	Compact	Reddish purple, spring	NS			Bright yellow fall color
<i>Rhus aromatica</i>	'Gro-Low'	2'	6-8'	3 to 9	○-●	Wide-spreading	Yellow [†] , spring	Small, red			Good for mass plantings; red fall color
<i>Ribes alpinum</i>	'Green Mound'	2-3'	2-3'	2 to 7	○	Upright	Green-white, spring	NS			Slow growing; needs minimal pruning; resistant to leaf diseases
<i>Rosa</i> spp.	'Belle Poitevine'	3-4'	3-4'	3 to 7	○	Dense, compact	Medium pink [†] , summer	Large, orange-red		W	Tolerates poor soil; yellow to orange fall color; resistant to black spot and mildew
	BUCbi (Carefree Beauty™)	3-4'	3-4'	4 to 7	○	Loose, open	Medium pink [†] , summer	Medium, orange-red		W	Resistant to black spot and powdery mildew
	'Frau Dagmar Hastrup'	2-4'	2-4'	3 to 4	○	Dense, spreading	Medium pink [†] , summer	Medium, red			Drought and salt tolerant; disease resistant
	'Meicoublan' (White Meidiland®)	1-2'	4-5'	4 to 7	○	Spreading	White, Summer	NS			Hardiness depends on site
	Meiflopan' (Alba Meidiland®)	2-3'	6'	5 to 9	○	Mounded	White, summer	Small, orange-red			Hardiness depends on site
	'Meikrotal' (Scarlet Meidiland®)	3-4'	5-6'	4 to 7	○	Dense, spreading	Bright pink, summer	NS			Hardiness depends on site
	'Meineble' (Red Meidiland®)	1-2'	4-5'	4 to 9	○	Dense, spreading	Red blend, summer	Small, orange-red			Hardiness depends on site; fruit are perisitant
	'Meipelta' (Fuchsia Meidiland®)	2-3'	4-5'	5 to 9	○	Dense, spreading	Mauve-pink, summer	Small, orange-red			Extremely disease resistance

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Small (under 4 feet), *continued*

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Rosa</i> spp. (continued)	'Meipoque' (Pink Meidiland®)	3-4'	1-3'	5 to 9	○	Dense, spreading	Pink blend, summer	Small, orange-red			Hardiness depends on site; fruit are persistent
	'Nearly Wild'	2-4'	2-4'	4 to 9	○	Rounded	Medium pink [†] , summer	NS			Great disease resistance
<i>Salix purpurea</i>	Purpleoiser willow										
	'Nana'	4-5'	5'	3	○-●	Compact	Male flowers spring	NS			Striking blue-green leaves; fine texture
<i>Spiraea albiflora</i>	Japanese white spirea	2-3'	2-3'	4 to 8	○	Low rounded	White, July-August	NS			Prefers low pH soil; blooms on new wood; prune back in spring
<i>Spiraea x bumalda</i>	Bumald spirea	2-3'	3-5'	3 to 8	○	Mounded					Not tolerant of extremely wet conditions; fast growth rate
	'Anthony Waterer'	3-4'	4-5'	4 to 8	○	Compact, rounded	Rose-pink, June-July	NS			Useful as a hedge, long bloom period; red in fall
	'Goldflame'	2-3'	2-3'	3 to 8	○	Compact, rounded	Crimson red, midsummer	NS			Bright red new growth, turns to golden yellow then green; brown-red fall color
	'Gumball'	2-4'	3-4'	3 to 8	○	Compact, rounded	Pink, spring	NS			New growth has purple tint
<i>Spiraea japonica</i>	'Goldmound'	2-4'	3-4'	3 to 8	○	Low-mounded	Pink, June-July	NS			Yellow leaves; orange-red fall color
	'Little Princess'	2-3'	3'	3 to 8	○	Low, mounded, dense	Pink, summer	NS			Small leaves; excellent as groundcover or dwarf specimen; dark red fall color
	'Magic Carpet'	1-2'	2'	3 to 8	○	Compact	Deep pink, summer	NS			New growth has red tint; brown-red fall color
	'Neon Flash'	3'	3'	4 to 8	○	Rounded	Bright red, summer	NS			Vigorous; new growth has purple tint; dark red-purple fall color

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Deciduous Shrubs Small (under 4 feet), continued

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Spiraea nipponica</i>	Nippon spirea										
	'Halward's Silver'	2-3'	2-4'	4 to 8	○	Compact	White, May	NS			Hardier than <i>S. nipponica</i> 'Snowmound'
	'Snowmound'	3-4'	3-5'	4 to 8	○	Rounded	White, May	NS			Small blue-green leaves
<i>Stephanandra incisa</i>	'Crispa'	1-3'	3-6'	4 to 7	○-●	Mounded	White, May	NS			Excellent as mass or groundcover planting; effective for erosion control; purple, red-orange fall color
<i>Symphoricarpos x chenaultii</i>	Coralberry										
	'Hancock'	2-3'	6+	5 to 7	○-●	Low-spreading	White, summer	Small, deep-pink			Useful as a groundcover
<i>Symphoricarpos orbiculatus</i>	Indian currant coralberry	2-4'	4-8'	4 to 7	○-●	Arching, spreading	Yellow-white, summer	Small, purple-red	N	W	Tolerates most soils; suitable for planting on banks; fruit are persistent
<i>Weigela florida</i>	'Minuet'	2-3'	2-3'	4 to 8	○	Compact, rounded	Red and purple with yellow throat [†] , summer	NS			Hardier than other dwarf cultivars
	'Rumba'	3'	3-4'	4 to 8	○	Compact, rounded	Dark red, summer	NS			Bronzy-purple leaves
	'Tango'	2'	2-3'	5 to 8	○	Rounded	Red with yellow throat, summer	NS			Purple leaves

Notes

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

Groundcovers

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Flowers	Fruit	Native	Wildlife	Comments
<i>Aegopodium podogaria</i> 'Variegata'	Goutweed	6–12"	18–24"	4 to 8	☉-●	Spreading	White [†] , spring-summer	No			Very aggressive; fast growth rate
<i>Ajuga reptans</i>	Bugleweed	6–9"	12–18"	4 to 8	○-☉	Spreading	Purple-blue, spring-summer	No			Aggressive; not heat tolerant; fast growth rate
<i>Asarum canadense</i>	Wild ginger	4–8"	8–12"	3 to 7	☉-●	Spreading	NS	No	N		Spreads slowly
<i>Asarum europaeum</i>	European ginger	6–8"	8–12"	4 to 7	☉-●	Spreading	NS	No			Shiny leaves; spreads slowly
<i>Convallaria majalis</i>	Lily-of-the-valley	6–8"	12–24"	2 to 7	☉-●	Spreading	White [†] , spring	Small, red			Not heat tolerant; fast growth rate; very aggressive; poisonous fruit
<i>Euonymus fortunei</i>	Wintercreeper euonymus	4–12"	Variable	5 to 8	○-☉	Spreading	NS	Small, red			Evergreen; can climb 40 to 70 feet on a structure
	'Coloratus'	4–12"	Almost unlimited	5 to 8	○-☉	Spreading	NS	Small, red			Evergreen; protect from winter winds; fast growth rate
<i>Lamium maculatum</i>	Spotted deadnettle	8–12"	18"	3 to 8	☉-●	Spreading	White-pink, spring-summer	No			Leaves scorch in too much sun; fast growth rate
<i>Pachysandra terminalis</i>	Pachysandra	9–12"	18"	4 to 9	☉-●	Spreading	White, spring	Small, white			Plants will yellow in too much sun; slow growth rate
<i>Phlox subulata</i>	Moss phlox	6–12"	8–12"	3 to 9	○	Spreading	Pink, white, purple, spring	No	N		Will not tolerate wet conditions
<i>Sedum kamtschaticum</i>	Orange stonecrop	4–9"	15"	3 to 8	○	Spreading	Yellow, spring	Small, orange			Will not tolerate wet conditions
<i>Tiarella</i> spp.	Foamflower	6–12"	12–24"	3 to 8	☉-●	Mounded, spreading	Pink, white, spring	No	N		Leaf shape and color varies; prefers moist soil
<i>Vinca minor</i>	Periwinkle	6–12"	12–18"	4 to 9	○-☉	Spreading	Purple, summer	No			Blooms sporadically all season

Notes

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Perennial Flowers

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Native	Wildlife	Comments	Flower color**
<i>Achillea</i> spp.	Yarrow	1–3'	2–3'	4 to 8	○-●	Upright, spreading		W*	Aggressive; deadhead for repeat bloom; fast growth rate	O,P,R,W,Y
<i>Alcea rosea</i>	Hollyhock	3–6'	18"	3 to 7	○	Upright clump			Biennial, reseeds easily; fast growth rate	O,P,R,W,Y
<i>Aquilega</i> hybrids	Columbine	2–3'	1'	3 to 8	○-●	Upright, arching	N		Reseeds easily	Bl,P,R,W
<i>Asclepias tuberosa</i>	Butterflyweed	2–3'	2'	4 to 9	○	Upright clump	N	W*	Won't tolerate wet conditions; fast growth rate	O,R,Y
<i>Aster</i> hybrids	Aster	3–5'	1–3'	4 to 8	○	Upright clump	N		Needs good air circulation	P,Pr,R,W
<i>Astilbe</i> hybrids	Astilbe	2–4'	2'	4 to 9	●-●	Upright, spreading, arching			Will not tolerate dry soils	P,Pr,R,W
<i>Baptisia australis</i>	False blue indigo	3–4'	4–5'	3 to 9	○	Upright, arching	N		Can take up to 5 years to establish	Pr
<i>Boltonia asteroides</i>	Boltonia	3–6'	3–4'	4 to 9	○	Upright	N	W*	May need staking; fast growing	P,W
<i>Brunnera macrophylla</i>	Heartleaf brunnera	12–18"	20"	3 to 8	●-●	Mounded			Can tolerate full sun with adequate moisture; fast growth rate	Bl
<i>Campanula carpatica</i>	Carpathian bellflower	9–12"	12"	3 to 7	○-●	Mounded			Benefits from mulch in winter	Bl,W
<i>Centaurea montana</i>	Mountain bluet	1–2'	2–3'	3 to 8	○-●	Upright, spreading		W*	Aggressive; reseeds easily	B,P,W
<i>Chelone lyonii</i>	Turtlehead	3'	2–3'	3 to 8	○-●	Upright, clump			Prefers moist soil	P,W
<i>Chrysanthemum</i> hybrids	Chrysanthemum	1–3'	1–3'	5 to 9	○	Mounded		W*	Plants benefit from fertilization	All colors except blue and black
<i>Coreopsis grandiflora</i>	Tickseed	2'	1–2'	4 to 9	○	Mounded	N	W*	Deadhead for repeat blooms	Y
<i>Coreopsis verticillata</i>	Threadleaf coreopsis	18"–2'	2–3'	3 to 9	○	Mounded clump	N	W*	Late to emerge in spring	Y
<i>Delphinium x elatum</i>	Delphinium	4–7'	3'	3 to 7	○	Upright			Loses vigor after 2 to 3 years; fast growing	Bl,P,W

○ Sun; ● Part sun; ● Shade; † = Fragrant; N = Native; W = Wildlife; *May attract butterflies; **Color code: Bl–blue; O–orange; P–pink; Pr–purple; R–red; W–white; Y–yellow

Perennial Flowers

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Native	Wildlife	Comments	Flower color**
<i>Dianthus</i> spp.	Pinks	6–24"	12–24"	2 to 10	○	Mounded			Prefers alkaline, well-drained soil	P,R,W
<i>Dicentra exima</i>	Fringed bleeding heart	12–15"	12"	3 to 9	●	Mounded			Long-blooming; does not go dormant	P,W
<i>Dicentra spectabilis</i>	Bleeding heart	18–36"	18"	2 to 9	●	Upright, mounded			Foliage dies back in mid- to late summer	P,W
<i>Digitalis purpurea</i>	Foxglove	2–5'	3'	4 to 8	○	Upright			Biennial, reseeds easily; slow growth rate	P,W
<i>Echinacea purpurea</i>	Coneflower	2–4'	2'	3 to 8	○	Upright	N	W*	Drought and heat resistant	Pr,W
<i>Eupatorium purpureum</i>	Joe-pye weed	5–7'	3–4'	4 to 9	○-●	Upright	N	W*	Plants do well in moist soils; fast growth rate	P
<i>Gaillardia x grandiflora</i>	Blanket flower	2–3'	2'	3 to 10	○	Upright	N	W*	Heat and drought tolerant	O,Y,R
<i>Geranium sanguineum</i>	Bloody cranesbill	9–12"	12"	3 to 8	○	Low, spreading			Tolerates hot and dry weather once established; crimson red fall leaf color	Bl,P,R,W
<i>Heliopsis helianthoides</i>	Hardy zinnia	3–6'	4'	3 to 9	○	Upright	N	W*	Do not fertilize heavily; floppy in fertile soil; fast growth rate	Y
<i>Hemerocallis</i> hybrids	Daylily	1–4'	18–30"	3 to 9	○	Large clump			Deadhead to promote blooming	All colors except blue and black
<i>Heuchera</i> hybrids	Coralbells	12–18"	12"	3 to 8	○-●	Mounded	N		Good drainage is essential	R,W
<i>Hibiscus</i> spp.	Rose mallow	3–8'	3–5'	4 to 9	○	Multi-stemmed, erect	N		Late to emerge in the spring	P,R,W
<i>Hosta</i> hybrids	Hosta	12–18"	24"	3 to 8	●-●	Mounded			Some cultivars tolerate sun; fast growth rate; variable foliage colors	Pr,W
<i>Iris</i> hybrids	Bearded iris	8–36"	10–24"	3 to 10	○	Upright			Plant rhizome shallow	All colors
<i>Leucanthemum x superbum</i>	Shasta daisy	2–3'	2'	5 to 9	○	Upright		W*	Winter drainage is essential	W

○ Sun; ● Part sun; ● Shade; † = Fragrant; N = Native; W = Wildlife; *May attract butterflies; **Color code: Bl–blue; O–orange; P–pink; Pr–purple; R–red; W–white; Y–yellow

Perennial Flowers

Botanical Name	Common Name	Height	Spread	USDA Zone	Light	Plant Form	Native	Wildlife	Comments	Flower color**
<i>Liatis spicata</i>	Gayfeather	3'	2'	3 to 9	○	Upright	N	W*	Floppy in fertile soil	Pr,W
<i>Ligularia dentata</i> 'Othello'	Bigleaf ligularia	3-4'	3-4'	5 to 8	●-●	Upright			Prefers moist soil; purple underside leaf; daisy-like flower	Y
<i>Ligularia stenocephala</i> 'The Rocket'	Rocket ligularia	3'	3-4'	5 to 8	●-●	Upright			Prefers moist soil	Y
<i>Monarda didyma</i>	Beebalm	2-4'	3'	4 to 9	○	Upright	N	W*	Can be invasive; fast growth rate; select mildew resistant varieties	P,Pr,R,W
<i>Paeonia hybrids</i>	Peony	3'	3'	3 to 8	○	Mounded			Sensitive to high nitrogen; slow growth rate	P,R,W
<i>Papaver orientale</i>	Oriental poppy	2-4'	2'	3 to 7	○	Mounded, clump			Reseeds easily; may go dormant in summer	O,P,Pr,R,W
<i>Perovskia atriplicifolia</i>	Russian sage	3-4'	3-4'	5 to 9	○	Upright			Cut to base in spring for better flowering	Bl/Pr
<i>Phlox paniculata</i>	Garden phlox	2-4'	2'	4 to 8	○	Upright, clump	N	W*	Select mildew resistant cultivars	O,P,Pr,R,W
<i>Physostegia virginiana</i>	Obedient plant	2-4'	3'	3 to 9	○	Upright	N		Aggressive	P,W
<i>Platycodon grandiflorum</i>	Balloon flower	2-3'	10-15"	3 to 8	○	Upright			Late to emerge in spring; slow growth rate	Bl,W
<i>Pulmonaria spp.</i>	Lungwort	9-18"	24"	3 to 7	●-●	Clump			Will not tolerate moist soil	Bl,P,R,W
<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm rudbeckia	2-3'	1-3'	4 to 9	○	Upright	N	W*	Long bloom time	Y
<i>Salvia x superba</i>	Perennial salvia	18-48"	36"	3 to 8	○	Upright, clump			Divide regularly; fast growth rate	Pr,W
<i>Sedum spectabile</i>	Showy stonecrop	18-24"	18"	3 to 10	○	Rounded		W*	Tolerates dry soils	P,W
<i>Solidago hybrids</i>	Goldenrod	2-6'	2-3'	3 to 9	○	Upright	N		Heat and drought tolerant	Y
<i>Stachys byzantina</i>	Lamb's ear	12-15"	12"	4 to 8	○	Clump			Suffers in humid, wet weather	
<i>Veronica spicata</i>	Speedwell	10-36"	18-24"	3 to 8	○	Upright		W*	Won't tolerate wet conditions	Bl,P,W

Note: See also **Perennials for Shade, PM 1913** and **Perennials for Sun, PM 1914**; both are available at www.extension.iastate.edu/store

○ Sun; ● Part sun; ● Shade; † = Fragrant; N = Native; W = Wildlife; *May attract butterflies; **Color code: Bl-blue; O-orange; P-pink; Pr-purple; R-red; W-white; Y-yellow

Annual Flowers

Botanical Name	Common Name	Height	Spread	Growth Rate	Light	Plant Form	Native	Wildlife	Comments	Flower color**
<i>Ageratum houstonianum</i>	Flossflower	4–30"	12"	Fast	○	Clump		W*	Won't tolerate hot, dry conditions	Bl,P,Pr,W
<i>Antirrhinum majus</i>	Snapdragon	6–48"	6–12"	Fast	○-●	Upright			Benefits from deadheading	All colors except blue and black
<i>Begonia x semperflorens-cultorum</i>	Wax begonia	6–12"	12"	Medium	○-●	Clump			Doesn't need deadheading	P,R,W
<i>Calibrachoa x hybrida</i>	Trailing petunia	3–8"	12"	Fast	○	Spreading		W*	Heat and drought tolerant	All colors except blue and black
<i>Catharanthus roseus</i>	Rose periwinkle	6–12"	12"	Fast	○	Clump		W*	Prefers well-drained soil	Bl,P,Pr,W
<i>Celosia agreantea</i>	Celosia	6–24"	6–12"	Fast	○	Upright			Tolerates dry soil	O,P,R,Y
<i>Cleome hassleriana</i>	Spiderflower	3–5'	18–24"	Fast	○	Upright		W*	Reseeds	P,Pr,W
<i>Consolida ambigua</i>	Larkspur	24–30"	12–18"	Fast	○-●	Upright			Prefers cool temperatures; reseeds easily	Bl,P,Pr,W
<i>Cosmos bipinnatus</i>	Cosmos	3–4'	2'	Fast	○	Upright		W*	Benefits from early pinching	P,Pr,W
<i>Gomphrena globosa</i>	Globe amaranth	1–3'	1'	Fast	○	Upright		W*	Tolerant of hot dry weather	P,Pr,R,W
<i>Helianthus annuus</i>	Sunflower	2–10'	3'	Fast	○	Upright	N	W*	May need staking	O,R,Y
<i>Impatiens walleriana</i>	Impatiens	6–18"	18"	Medium	●-●	Clump			Not drought or cold tolerant	O,P,Pr,W
<i>Nicotiana varieties</i>	Flowering tobacco	2–5'	2'	Medium	○-●	Upright			Fragrant flowers	All colors except blue and black
<i>Pelargonium x hortorum</i>	Geranium	1–3'	2–20"	Medium	○	Upright			Need cool root zone	P,Pr,R,W
<i>Petunia x hybrida</i>	Petunia	8–15"	12–36"	Fast	○	Trailing			Can be cut back when leggy	All colors except blue and black
<i>Portulaca grandiflora</i>	Moss rose	6–8"	10–18"	Fast	○	Spreading			Plants do well in hot, dry weather	All colors except blue and black

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Annual Flowers

Botanical Name	Common Name	Height	Spread	Growth Rate	Light	Plant Form	Native	Wildlife	Comments	Flower color**
<i>Salvia farinacea</i>	Mealycup sage	12–24"	10–15"	Fast	○	Upright		W*	Heat and drought tolerant	Bl,Pr,W
<i>Salvia splendens</i>	Salvia	12–15"	12"	Medium	○	Upright			Pinch to promote bushy growth	All colors except blue and black
<i>Scaevola aemula</i>	Fan flower	4–9"	18"	Medium	○	Trailing			Suitable for containers	Bl,Pr,W
<i>Senecio cineraria</i>	Dusty miller	1–2'	1'	Fast	○	Upright			Grows well in dry soils; gray foliage	Y
<i>Solenostemon hybrids</i>	Coleus	9–24"	12"	Fast	○-●	Upright			Pinch to promote bushy growth; multicolored foliage	Pr,W
<i>Sutera cordata</i>	Bacopa	4–8"	2–4'	Medium	●	Trailing			Suitable for containers	W
<i>Tagetes erecta</i>	African marigold	1–4'	2'	Fast	○	Upright		W*	Deadheading is required	O,Y
<i>Tagetes patula</i>	French marigold	6–12"	12"	Fast	○	Mounded		W*	Tolerates dry soil	O,R,Y
<i>Tropaeolum majus</i>	Nasturtium	12–15"	5–7'	Fast	○-●	Trailing			Prefers cool temperatures	O,R,Y
<i>Verbena x hybrida</i>	Verbena	8–12"	12–24"	Fast	○	Spreading		W*	Good drainage is essential	All colors but blue and black
<i>Viola x wittrockiana</i>	Pansy	4–15"	12"	Medium	●-●	Clump			Prefers cool temperatures	All colors
<i>Zinnia angustifolia</i>	Narrowleaf zinnia	12–15"	12"	Fast	○	Mounded		W*	Powdery mildew resistant	O,P,W,Y
<i>Zinnia elegans</i>	Zinnia	1–4'	1'	Fast	○	Upright		W*	Plants do well in hot, dry weather	All colors

Note: See also **Annuals, PM 1942** available at www.extension.iastate.edu/store

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Vines

Botanical Name	Common Name	Height	USDA Zone	Light	Plant Form	Native	Wildlife	Comments
<i>Akebia quinata</i>	Fiveleaf akebia	20–30'	(4) 5 to 8	○-●	Climbing			Dark red flowers in June; fast growth rate
<i>Aristolochia macrophylla</i>	Dutchman's pipe	10–20'	4 to 8	●-●	Climbing			Large heart shaped leaves; toxic if ingested
<i>Campsis radicans</i>	Trumpet creeper	20–30'	4 to 9	○	Climbing	N		Bright orange-red trumpet-shaped flowers June–August; very fast growth rate
<i>Celastrus orbiculatus</i>	Oriental bittersweet	20–30'	5 to 7	○	Climbing			Vigorous twining vine; yellow fall color; persistent reddish fruit in fall
<i>Celastrus scandens</i>	American bittersweet	20–40'	3 to 8	○	Climbing	N		Vigorous twining vine; persistent reddish fruit in fall
<i>Clematis x jackmanii</i>	Jackman clematis	5–15'	4 to 8	○	Climbing			Purple flowers throughout summer; full sun but roots need shading
<i>Clematis terniflora</i>	Sweet autumn clematis	15–20'	5 to 8	○-●	Climbing			White flowers August–September; vigorous
<i>Hydrangea anomala petiolaris</i>	Climbing hydrangea	40–50'	4 to 7	○-●	Climbing			Grows best in rich soil; white flowers in June–July
<i>Lonicera sempervirens</i>	Trumpet honeysuckle	10–20'	(3) 4 to 9	○	Climbing			Many cultivars available; flowers in April–May; bluish leaves in summer; small red fruit in fall
<i>Parthenocissus quinquefolia</i>	Virginia creeper	20–40'	(3) 4 to 9	○-●	Climbing	N		Adheres with sticky pads to climbing structures; may cause damage to masonry; red, bronze fall color
<i>Parthenocissus tricuspidata</i>	Boston ivy	10–25'	4 to 8	○-●	Climbing			Glossy green foliage; prefers shade

○ Sun; ● Part sun; ● Shade; † = Fragrant; NS = Not significant; N = Native; W = Wildlife

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Additional Resources

For more information on selection, planting, cultural practices, and environmental quality—

- Contact your local Iowa State University Extension office
- Visit these Iowa State University Extension Web sites—

ISU Extension Distribution Center

www.extension.iastate.edu/store

ISU Forestry

www.forestry.iastate.edu/ext/ext.html

ISU Horticulture

www.yardandgarden.extension.iastate.edu

ISU Plant Disease Clinic

www.plantpath.iastate.edu/pdc

- Call Iowa State's Hortline at 515-294-3108
(Monday–Friday, 10 a.m.–noon and 1–4:30 p.m.).





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Plant Forms



Arching, rounded



Broadly columnar



Columnar



Columnar, irregular, mounded



Pyramidal



Pyramidal, upright branches, rounded



Pendulous



Rounded



Upright branches, oval



Upright branches, vase

The shape or silhouette of a plant is one of its greatest design characteristics because it is visible year-round.