

DROUGHT TOLERANT PLANTS FOR LANDSCAPING IN WINFIELD, INDIANA

A. DECIDUOUS TREES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL TREES – 40-100 feet in height; plant at least 40-50 feet apart; columnar species, 20-30 feet apart				
Catalpa, Northern	<i>Catalpa speciosa</i>	F	Oval	Poor, dry soil; showy white June flowers; coarse; litter problem; no fall color; subject to verticillium wilt
Coffeetree, Kentucky (K.C.)	<i>Gymnocladus dioica</i>	M	Upright	Moist, rich soil; coarse and rugged; dioecious; litter problem; fruitless cultivars available; good for parking lots
Espresso K.C.	'Espresso'	M	Upright	Drought tolerant; blue-green foliage; podless
Prairie Titan K.C.	'J.C. McDaniel'	M	Upright	Drought tolerant; blue-green foliage; podless
Elm, Hybrid (H.E.)	<i>Ulmus x 'Hybrids'</i>	F	Upright	Dutch elm disease (DED) resistant; urban
Accolade H.E.	'Morton'	F	Vase	DED resistant; urban
Frontier H.E.	'Frontier'	S	Upright	DED resistant; urban
Homestead H.E.	'Homestead'	F	Upright	DED resistant; salt and drought tolerance
New Horizon H.E.	'New Horizon'	F	Pyramidal	DED resistant; urban
Patriot H.E.	'Patriot'	F	Vase	DED resistant; urban
Pioneer H.E.	'Pioneer'	F	Round	DED resistant; urban
Triumph H.E.	'Morton Glossy'	F	Vase	DED resistant; urban
Valley Forge H.E.	'Valley Forge'	F	Upright	DED resistant; urban
Elm, Japanese (J.E.)	<i>Ulmus davidiana</i> var. <i>japonica</i> and cvs.	S	Vase	DED resistant; urban
Discovery J.E.	'Discovery'	S	Vase	DED resistant; urban
Prospector J.E.	'Prospector'	M	Vase	DED resistant; urban
Filbert, Turkish	<i>Corylus colurna</i>	M	Pyramidal	Urban; well-drained soil; dark green foliage, nuts
Ginkgo (G.); Maidenhair Tree (Male only)	<i>Ginkgo biloba</i>	S	Pyramidal	Urban; dioecious, females produce foul smelling fruits; fan-shaped leaves; golden yellow fall color
Autumn Gold G.	'Autumn Gold'	S	Conical	Urban; fruitless; yellow fall color
Fairmount G.	'Fairmount'	S	Pyramidal	Urban; fruitless; yellow fall color
Lakeview G.	'Lakeview'	S	Columnar	Urban; fruitless; yellow fall color
Sentry G.	'Fastigiata'	S	Columnar	Fruitless; yellow fall color
Hackberry, Common (C.H.)	<i>Celtis occidentalis</i>	M	Vase	Tolerates alkaline soils; "pebbled" bark; hard black fruits; yellowish fall color; pest or disease problem and witch's broom may limit use
Prairie Pride C.H.	"Prairie Pride"	M	Vase	Superior branch structure; glossier leaves; no witches' broom
Hickory, Shagbark	<i>Carya ovata</i>	M	Vase	Dry, well-drained soil; shaggy bark; nuts
Honeylocust, Thornless Common (T.C.H.)	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	F	Vase	Tolerates poor drainage; thornless, as are all the following; pest or disease problem may limit use; salt-tolerant; good for parking lots
Imperial T.C.H.	'Impcole'	F	Round	Podless; low-growing; pest or disease problem may limit use
Majestic T.C.H.	'Majestic'	F	Irregular	Podless; resistant to diseases; pest problems may limit use
Moraine T.C.H.	'Moraine'	F	Irregular	Usually fruitless; dense foliage
Shademaster T.C.H.	'Shademaster'	F	Irregular	Podless; vase shape in age; pest or disease problem may limit use
Skyline T.C.H.	'Skycole'	F	Upright	Podless; tends to form central leader; good golden fall color; pest or disease problem may limit use
Oak, Black	<i>Quercus velutina</i>	M	Round	Dry, well-drained sandy soil; full sun; acorns
Oak, Bur	<i>Quercus macrocarpa</i>	S	Round	Dry to wet soil; full sun, acorns; difficult to transplant; no fall color
Oak, Northern Pin	<i>Quercus ellipsoidalis</i>	M	Pyramidal	Dry to moist soil; acorns
Oak, Pin	<i>Quercus palustris</i>	M	Pyramidal	Moist, acid soil; acorns; pendulous lower branches; red fall color; iron chlorosis on alkaline soil
Oak, White	<i>Quercus alba</i>	S	Round	Dry soil; subject to iron chlorosis; red fall color; difficult to transplant
Planetree, London	<i>Platanus x acerifolia</i>	F	Pyramidal	Moist soil; tolerates poor drainage; mottled bark; maple-like leaves
MEDIUM TREES – 30-40 feet in height; plant at least 20-35 feet apart, depending on spread				
Corktree, Macho Amur (Male only)	<i>Phellodendron amurense</i> 'Macho'	M	Vase	Urban; dry soil; seedless; compound leaves; corky bark; yellow fall color
Elm, Emerald Sunshine Japanese	<i>Ulmus davidiana</i> var. <i>japonica</i> 'JFS-Bieberich'	S	Vase	DED resistant; urban
Elm, Lacebark; Chinese Elm	<i>Ulmus parvifolia</i>	M	Vase	DED resistant; exfoliating bark
Gum, Black; Black Tupelo	<i>Nyssa sylvatica</i>	S	Pyramidal	Acidic soil; tolerates poor drainage; dioecious; orange to scarlet fall color, bluish black fruits
Pear, Callery (C.P.)	<i>Pyrus calleryana</i>			
Autumn Blaze C.P.	'Autumn Blaze'	M	Round	Most winter-hardy; horizontal branching; some thorns
Chanticleer C.P.	'Cleveland Select'	M	Columnar	Upright branches; thornless

A. DECIDUOUS TREES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW TREES – 15-30 feet in height; plant at least 15-30 feet apart, depending on spread				
Crabapples, Ornamental; Flowering Crabapples (C.) Adam C.	<i>Malus</i> spp. and cvs 'Adams'	 M	 Spreading	All require well-drained soil and sun. Most possess a high degree of resistance to the apple scab disease and are drought tolerant Slightly susceptible to fire blight; rose-red flowers; persistent deep red fruits
Adirondack C.	'Adirondack'	M	Spreading	Disease resistant; white flowers; red fruits
Bob White C.	'Bob White'	M	Round	Disease resistant; white flowers; yellow fruits
Cardinal C.	'Cardinal'	M	Spreading	Disease resistant; red flowers; red fruits
Cinderella C.	'Cinzam'	M	Spreading	Disease resistant; white flowers, red fruits
Coral Cascade C.	'Coral Cascade'	M	Weeping	Disease resistant; pinkish-white flowers; orange fruits
Coralburst C.	'Coralburst'	M	Round	Disease resistant; coral-pink buds; rose-pink flowers; dwarf-type tree
Dolgo C.	'Dolgo'	F	Upright- spreading	Disease resistant; white flowers; crimson fruits
Donald Wyman C.	'Donald Wyman'	M	Round- spreading	Disease and scab resistant; white flowers; persistent bright red fruits
Golden Hornet C.	'Golden Hornet'	M	Upright- spreading	Disease resistant; white flowers; yellow fruits
Indian Summer C.	'Indian Summer'	M	Rounded	Disease resistant; rose-red flowers; persistent red fruits
Jack C.	<i>Malus baccata</i> 'Jackii'	M	Upright- spreading	Slightly susceptible to fire blight; scab-resistant; white flowers; tiny, dark red fruits
Jewelberry C.	'Jewelberry'	M	Spreading	Disease resistant; white flowers; persistent 1/2" diameter, red fruits, 8' mature height
King Arthur C.	'Kinarzam'	M	Round	Disease resistant; white flowers; red fruits
Lancelot C.	'Lanzam'	M	Spreading	Disease resistant; white flowers; yellow fruits
Louisa C.	'Louisa'	M	Weeping	Disease resistant; pink flowers; red fruits
Molten Lava C.	'Molazam'	M	Weeping	Disease resistant; red flowers; red fruits
Ormiston Roy C.	'Ormiston Roy'	M	Rounded	Slightly susceptible to fire blight; scab resistant; white flowers; persistent yellow fruits
Prairiefire C.	'Prairie Fire'	M	Upright	Disease resistant to scab; pinkish-red flowers; dark red fruits
Professor Sprenger C.	'Professor Sprenger'	M	Upright- spreading	Disease and scab resistant; white flowers; persistent orange fruits
Profusion C.	'Profusion'	M	Round- spreading	Slightly susceptible to fire blight; bronze-green foliage; rose-red flowers; deep red fruits
Purple Prince C.	'Purple Prince'	M	Spreading	Disease resistant; rose red flowers; red fruits
Red Jewel C.	'Jewelcole'	M	Upright- spreading	Moderately susceptible to scab; white flowers; persistent red fruits
Red Splendor C.	'Red Splendor'	M	Vase	Slightly susceptible to scab and moderately to fire blight; pink flowers; bright red fruits remain into winter
Robinson C.	'Robinson'	M	Upright- spreading	Disease resistant; deep pink flowers; red fruits
Royal Raindrops C.	'JFS-KW5'	M	Spreading	Disease resistant; pinkish-red flowers; red fruits
Sargent C.	<i>Malus sargentii</i>	S	Spreading	Slightly susceptible to scab, fire blight, and leaf spot; white flowers; dark red fruits; 8' mature height
Candy mint Sargent C.	'Candy mint'	M	Spreading	Disease resistant; pink flowers; red fruits
Firebird Sargent C.	'Select A'	M	Spreading	Disease resistant; white flowers; red fruits
Tina Sargent C.	'Tina'	S	Spreading	Disease resistant; 5' mature height
Sentinel C.	'Sentinel'	S	Upright	Slightly susceptible to fire blight and scab; white flowers; persistent bright red fruits
Snowdrift C.	'Snowdrift'	S	Vase	Slightly susceptible to fire blight and scab; white flowers; persistent orange-red fruits
Sugar Thyme C.	'Sutyzam'	S	Round	Disease resistant; white flowers; red fruits
White Cascade C.	'White Cascade'	S	Weeping	Disease resistant; white flowers; yellowish fruits
Zumi Calocarpa C.	<i>Malus sieboldii</i> var. <i>zumi</i>	S	Pyramidal	Slightly susceptible to scab, mildew and severely to fire blight; white to pink flowers; bright red fruits
Redbud C.	'Calocarpa'	S	Pyramidal	Slightly susceptible to scab, mildew and severely to fire blight; white to pink flowers; bright red fruits
Hawthorn, Cockspur (C.H.)	<i>Crataegus crusgalli</i>	S	Spreading	Urban; sun; persistent, brick red fruits; thorns; orange to red fall color
Thornless C.H.	var. <i>inermis</i>	M	Spreading	Few thorns; dark green foliage; bright red fruits
Hawthorn, Winter King	<i>Crataegus x viridis</i> "Winter King"	M	Upright	Sun; few thorns; glossy leaves; persistent red fruits; silver bark
Redbud, Eastern	<i>Cercis Canadensis</i>	M	Spreading	Sun or shade; purplish-pink flowers; yellow fall color "Columbus Strain" is the most winter-hardy

B. EVERGREEN TREES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL TREES – 60-80 feet in height; plant at least 25-35 feet apart; depending on spread				
Fir, White; Concolor Fir	<i>Abies concolor</i>	M	Pyramidal	Dry soil; heat; gray-green foliage
MEDIUM TREES – 40-60 feet in height; plant at least 25-35 feet apart, depending on spread				
Pine, Red	<i>Pinus resinosa</i>	F	Pyramidal	Dry soil; sun; reddish bark; yellow-green winter color
Spruce, Serbian	<i>Picea omorika</i>	S	Columnar-pyramidal	Sun; narrow habit; pendulous branchlets
Spruce, White	<i>Picea glauca</i>	M	Pyramidal	Moist soil; sun; light green needles
LOW TREES – 15-40 feet in height; plant at least 10-25 feet apart, depending on spread				
Juniper, Chinese (C.J.) Iowa C.J. Mountbatten C.J.	<i>Juniperus chinensis</i> 'Iowa' 'Mountbatten'	S S S	Columnar Columnar Columnar	Dry soil; sun; blue-green foliage; rust resistant Dense columnar form; fruits Narrow, columnar form; large fruits
Redcedar, Eastern (E.R.) Burk E.R. Canaert E.R. Silver E.R. Hill Dundee E.R.	<i>Juniperus virginiana</i> 'Burkii' 'Canaertii' 'Glauca' 'Hillii'	S S S S	Columnar-pyramidal Columnar-pyramidal Columnar-pyramidal Columnar-pyramidal Columnar-pyramidal	Dry soil; sun brownish winter coat; susceptible to cedar apple rust; salt tolerant Fine-textured, gray-green foliage Dark green, tufted foliage Silver-gray foliage; informal habit Gray-green foliage turns purple in winter; no fruits
Spruce, Black Hills	<i>Picea glauca</i> var. <i>densata</i>	S	Pyramidal	Dry soil; sun; narrow, dense habit; salt-tolerant

C. DECIDUOUS SHRUBS

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL SHRUBS – 8-10 feet in height, sometimes 15 feet; plant at least 4-6 feet apart				
Cherry, Manchu; Nanking Cherry	<i>Prunus tomentosa</i>	S	Rounded	Dry soil; sun, white flowers; edible, red fruits
Cotoneaster, Manyflowered	<i>Cotoneaster multiflorus</i>	M	Mounded	Well-drained soil; sun; white flowers; red fruits; very wide-spreading; subject to fire blight
Dogwood, Gray	<i>Cornus racemosa</i>	S	Erect	Dry or wet soil; shade; white flowers; white fruits; purple fall color
Fringetree	<i>Chionanthus virginicus</i>	S	Spreading	Moist soil; shade; spidery white flowers; dioecious; blue fruits; coarse
Lilac, Chinese	<i>Syringa x chinensis</i>	M	Vase	Dry, alkaline soil; purple-lilac flowers; fine-textured; good screening plant
Lilac, Common	<i>Syringa vulgaris</i> cvs.	M	Upright	Well-drained soil; sun; white, pink, lilac, purple, fragrant flowers; subject to mildew
Lilac, Hyacinth	<i>Syringa x hyacinthiflora</i> cvs.	M	Upright	Sun, white, pink, lilac, purple flowers; early blooming
Lilac, Preston	<i>Syringa x prestoniae</i> cvs.	M	Rounded	Sun; pink to purple flowers; late-blooming; coarse textured; possible disease problem
Plum, American	<i>Prunus americana</i>	F	Spreading	Dry soil; sun; suckering habit; white flowers; yellow to orange fall color
Smoketree (S.); Smokebush	<i>Cotinus cogggria</i>	M	Rounded	Sun; dry soil; pinkish "smoke-like" inflorescence; subject to verticillium wilt
Nordine Red S. Royal Purple S.	'Nordine Red' 'Royal Purple'	M S	Rounded Upright	Purplish summer foliage Purple foliage; reddish-purple fall color
Sumac, Smooth	<i>Rhus glabra</i>	F	Suckering	Dry soil; sun; persistent red fruits; smooth stems; scarlet fall color; salt-tolerant
Sumac, Staghorn (S.S.)	<i>Rhus typhina</i>	F	Suckering	Dry soil; sun; persistent red fruits; felty stems; salt-tolerant; orange to red fall color
Shredleaf S.S.; Cut Leaf S.S.	'Dissecta'	F	Picturesque	Dry soil; sun; red fruits; dissected leaves; orange to red in fall
Viburnum, Arrowwood	<i>Viburnum dentatum</i>	M	Vase	Moist soil; shade; white flowers in June; blue fruits; maroon fall color
Viburnum, Blackhaw	<i>Viburnum prunifolium</i>	S	Spreading	Partial shade; white flowers; black fruits; single or multi-trunked; maroon fall color
Viburnum, Burkwood	<i>Viburnum x burkwoodi</i>	M	Upright	Moist, well-drained soil; partial shade; dark green foliage; wine-red fall color

C. DECIDUOUS SHRUBS (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
MEDIUM SHRUBS – 5-8 feet in height; plant at least 3-4 feet apart				
Chokeberry, Red	<i>Aronia arbutifolia</i>	S	Erect	Wet soil; shade; tolerates poor drainage; white flowers; red fruits; red fall color
Cotoneaster, Hedge	<i>Cotoneaster lucidus</i>	M	Upright	Dry soil; partial shade; black fruits; good hedge plant; <i>C. acutifolius</i> is similar; orange to maroon fall color
Hazelnut; American Filbert	<i>Corylus Americana</i>	M	Rounded	Dry soil; shade; catkins in March; edible nuts; orange fall color
Jetbead	<i>Rhodotypos scandens</i>	M	Spreading	Dry soil; shade white flowers; black fruits in clusters of four
Lilac, Miss Kim	<i>Syringa patula</i> 'Miss Kim'	S	Rounded	Sun; coarse; purple flowers; maroon autumn foliage
Lilac, Meyer; Palibin Lilac	<i>Syringa meyeri</i> 'Palibin'	S	Rounded	Sun; purple flowers; dense; fine-textured; good informal hedge plant; often sold as <i>S. palibiniana</i>
Privet, Regel's Border	<i>Ligustrum obtusifolium</i> var. <i>regelianum</i>	F	Spreading	Dry soil; shade; white flowers; blue-black fruits; late, purple fall color
Rose, Father Hugo	<i>Rosa hugonis</i>	F	Vase	Poor soil; sun; yellow flowers; sparse red fruits; fine-textured
Rose, Rugosa	<i>Rosa rugosa</i> cvs.	F	Rounded	Dry soil; sun; white, yellow, pink, or red flowers; large, edible red fruits; salt-tolerant; includes 'Grootendorst'
Spirea, Vanhoutte	<i>Spirea x vanhouttei</i>	F	Vase	Sun; white flowers; arching branches; salt-tolerant
Weigela, Red Prince	<i>Weigela x 'Red Prince'</i>	M	Spreading	Well-drained soil; red flowers
LOW SHRUBS – 2-5 feet in height; plant at least 2½ - 3 feet apart				
Chokeberry, Black; Aronia Berry	<i>Aronia melanocarpa</i>	S	Upright	Drought and wet soil tolerant; white flowers; black fruits; red fall color
Cinquefoil, Bush; Potentilla (P.)	<i>Potentilla fruticosa</i>	S	Rounded	Moist soil; sun; blooms all summer
Abbotswood P.	'Abbotswood'	S	Rounded	White flowers; blue-green foliage
Gold Drop P.	'God Drop'; 'Farrei'	S	Rounded	Yellow flowers; small green leaves
Goldfinger P.	'Goldfinger'	S	Rounded	Yellow flowers; yellow-green foliage
Jackman P.	'Jackmanii'	S	Rounded	Larger bright yellow flowers; medium-green foliage; salt-tolerant
McKay's White P.	'McKay's White'	S	Rounded	Cream flowers; yellow-green foliage
Primrose Beauty P.	'Primerose Beauty'	S	Rounded	Pale yellow flowers, silvery foliage
Coralberry, Indiancurrant; Buckbrush	<i>Symphoricarpos orbiculatus</i>	M	Suckering	Dry soil; shade; pink fruits; good bank cover
Cotoneaster, Cranberry	<i>Cotoneaster apiculatus</i>	S	Mounded	Dry soil; red fruits; red fall color
Cotoneaster, Rock	<i>Cotoneaster horizontalis</i>	M	Spreading	Sun; dark glossy green foliage; fishbone pattern branches; bright red fruits; reddish purple fall color
Currant, Alpine	<i>Ribes alpinum</i>	M	Rounded	Shade; urban; good hedge plant; salt-tolerant
Forsythia, Bronx	<i>Forsythia viridissima</i> 'Bronxensis'	S	Low mound	Sun; small yellow flowers; fine-textured; purple fall color
Honeysuckle, Clavey's Dwarf	<i>Lonicera x xylosteoides</i> 'Clavey's Dwarf'	M	Rounded	Dense growth; good hedge or screening plant
Emerald Mound Honeysuckle	'Emerald Mound'	M	Mounded	Rich, bluish-green foliage; dense, compact form
Miniglobe Honeysuckle	'Miniglobe'	S	Globe	Dense 2' height globe
Honeysuckle, Dwarf Bush	<i>Diervilla lonicera</i>	S	Mounded	Dry soil; shade; yellow flowers; good bank cover
Lead Plant	<i>Amorpha canescens</i>	M	Spreading	Dry, well-drained soil; sun; bright blue flowers
Rose, Virginia	<i>Rosa virginiana</i>	M	Suckering	Sun; pink flowers; persistent red fruits; red stems; good bank cover
Snowberry	<i>Symphoricarpos albus</i>	F	Vase	Best in dry soil; shade; tiny pink flowers; snowy white fruits; salt-tolerant; may be sold as <i>S. rivularis</i>
Spirea, Japanese (J.S.)	<i>Spiraea japonica</i>			
Daphne J.S.	var. <i>alpine</i>	S	Mounded	Sun; only 10 inches high with tiny pink flowers
Goldmound J.S.	'Goldmound'	S	Mounded	Sun; gold summer foliage
Little Princess J.S.	'Little Princess'	S	Mounded	Sun; pale pink flowers
Spirea, Snowmound	<i>Spiraea nipponica</i> 'Snowmound'	S	Mounded	Sun; white flowers; blue-green foliage; possible disease problem
Sumac, Fragrant (F.S)	<i>Rhus aromatic</i>	M	Mounded	Dry soil; sun; salt-tolerant; red fruits; fragrant foliage, turns orange-maroon in fall
Willow, Silver Creeping	<i>Salix repens</i> var <i>nitida</i>	S	Spreading	Moist soil; sun; silvery foliage; ground cover

D. EVERGREEN SHRUBS

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL SHRUBS – 8-10 feet in height, sometimes 15 feet; plant at least 6-8 feet apart, depending on spread				
Juniper, Chinese (C.J.) Ames C.J.	<i>Juniperus chinensis</i> 'Ames'	M	Broad-pyramidal	Sun; well-drained soil Blueish-green foliage
Fairview C.J.	'Fairview'	M	Broad-pyramidal	Blueish-green foliage; silver berries
Hetz C.J.	'Hetzl'	F	Broad-pyramidal	Silvery blue foliage
Kettleer C.J.	'Kettleer'	F	Broad-pyramidal	Green foliage
Robusta Green C.J.	'Robusta Green'	M	Broad-pyramidal	Tufted brilliant green foliage
Spartan C.J. (Also see Low Evergreen Trees)	'Spartan'	F	Pyramidal	Rich green foliage
MEDIUM SHRUBS – 2-8 feet in height; plant at least 4-6 feet apart, depending on spread				
Juniper, Blue Star Singleseed	<i>Juniperus squamata</i> 'Bluestar'	S	Mounded	Sun; blue foliage
Juniper, Chinese (C.J.) Blaauw C.J.	<i>Juniperus chinensis</i> 'Blaauw'	M	Upright-vase	Sun; well-drained soil Grayish-blue foliage
Blue Pfitzer Juniper	'Pfitzeriana Glauca'	F	Spreading	Bluish-gray foliage; no fruit
Gold Tip Pfitzer Juniper	'Pfitzeriana Aurea'	M	Spreading	Green Foliage with gold tips
Maney C.J.	'Maney'	M	Upright-vase	Bluish-green foliage
Mint Julep C.J.	'Mint Julep'	S	Upright-bushy	Yellow-green foliage; also sold as 'Sea Green'
Old Gold C.J.	'Old Gold'	M	Spreading	Green foliage with gold tips; bronze-gold foliage in winter; no fruits
Pfitzer Juniper	'Pfitzeriana'	F	Wide-spreading	Green foliage; no fruits; salt-tolerant
Schroeder Compact Juniper	'Pfitzeriana Compacta'	M	Spreading	Compact green foliage
Juniper, Oldfield Common	<i>Juniperus communis</i> var. <i>depressa</i>	S	Spreading	Well-drained soil; sun; light green foliage turns brown in winter
Needle, Adams (A.N.) Bright Edge A.N.	<i>Yucca filamentosa</i> 'Bright Edge'	F	Mounded	Dry soil; sun; green needle-like foliage; creamy white flowers Green foliage with golden yellow edges
Color Guard A.N.	'Color Guard'	F	Mounded	Follow with white and cream inside and green edges
Pine, Mugo (M.P.) Dwarf M.P.	<i>Pinus mugo</i> var. <i>mugo</i> 'Compacta'	M	Mounded	Dry soil; sun; green foliage; pest problem may limit use
		M	Mounded	Dry soil; sun; green foliage; pest problem may limit use
LOW SHRUBS – 6-24 inches in height; plant at least 4-6 feet apart, depending on spread				
Juniper, Chinese Japanese Garden Juniper	<i>Juniperus chinensis</i> var. <i>procumbens</i>	S	Creeping	Well-drained soil; sun Bluish-green foliage year-round
Dwarf Japanese Garden Juniper	'Nana'	S	Creeping	Dwarf and dense
Kallay's Compact Pfitzer Juniper	'Pfitzeriana Kallay's Compact'	M	Spreading	Pale green foliage
Sargent Juniper	var. <i>sargentii</i>	M	Creeping	Green or bluish-green foliage in 'Glauca' cultivar
Juniper, Petite Common	<i>Juniperus communis</i> 'Petite'	M	Creeping	Dense; compact; fruits
Creeping Common Juniper	'Repanda'	M	Creeping	Sun; green foliage in winter
Juniper, Creeping Bar Harbor Juniper (J.)	<i>Juniperus horizontalis</i> 'Bar Harbor'	M	Creeping	Dry soil; variable color; brown in winter; subject to blight disease Bluish-green foliage turning purple in winter
Blue Chip J.	'Blue Chip'	M	Creeping	Blue foliage year-round
Blue Rug J.	'Wiltonii'	M	Flat-trailing	Silvery-blue foliage and fruits
Hughes J.	'Hughes'	M	Spreading	Silvery-blue foliage; radial branching habit
Webber J.	'Webben'	M	Creeping	Bluish-green foliage; mat-like
Wisconsin J.	'Wisconsin'	M	Creeping	Bluish-green foliage
Youngstown J.; Andorra J.	'Youngstown'	M	Radial-creeping	Grayish-green foliage turning purple in winter
Juniper, Savin	<i>Juniperus Sabina</i>	S	Low-spreading	Well-drained soil; sun
Broadmoor Juniper (J.)	'Broadmoor'	S	Mounded	Soft grayish-green foliage; fine-textured
Buffalo J.	'Buffalo'	S	Low-spreading	Bright green foliage; fine-textured
Calgary Carpet J.	'Calgary Carpet'	S	Low-spreading	Soft green foliage

E. ORNAMENTAL GRASSES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL GRASSES – 4-6 feet in height				
Bluestem, Big; Turkeyfoot	<i>Andropogon, gerardii</i> 'Sentinel'	F	Upright clumps	Moist and dry soils; green or blue-green leaves; orange to copper-red fall color
Dot Grass, Little	<i>Miscanthus sinensis</i> 'Puenktchen'	F	Upright	Green foliage with horizontal yellow bands; spiky texture
Feather Grass, Silver (S.F.G.)	<i>Miscanthus sinensis</i> 'Silberfeder'	F	Upright	Sun; green foliage; large feathery silvery flowers
Sirene S.F.G.	'Sirene'	F	Upright	Sun; green foliage; large feathery silvery flowers
Indian Grass (I.G.)	<i>Sorghastrum nutans</i>	F	Upright clumps	Sun; drought tolerant; green to bluish foliage; showy flower panicles
Indian Steel Grass	'Indian Steel'	F	Upright clumps	Sun; green to bluish foliage; showy flower panicles
Blue I.G.	'Sioux Blue'	F	Upright clumps	Powder-blue foliage; erect form; yellow fall color
Maiden Grass (M.G.); Japanese Silver Grass; Eulalia	<i>Miscanthus sinensis</i>			Moist soil; sun to light shade
Adagio M.G.	'Adagio'	F	Upright	Very narrow green foliage; yellow fall color
Goliath M.G.	'Goliath'	F	Upright	Green foliage; red-orange fall color
Gracillimus M.G.	'Gracillimus'	F	Rounded	Fine textured green foliage; golden-yellow fall color; copper-red inflorescence
Graziella M.G.	'Graziella'	F	Upright	Narrow green leaves; fluffy silver inflorescence; red-orange fall color
Helga Reich M.G.	'Helga Reich'	F	Upright	Fine textured green foliage
July M.G.	'Juli'	F	Upright	Broad, green foliage
Large Fountain M.G.	'Gross Front'	F	Upright	Green foliage; midsummer flowers
Malepartus M.G.	'Malepartus'	F	Upright	Wide green foliage; fluffy, white flowers; gold fall color
Morning Light M.G.	'Morning Light'	F	Upright-rounded	Narrow white variegated foliage; reddish flowers
Sarabande M.G.	'Sarabande'	M	Upright	Fine textured silvery foliage
Variiegated M.G.	'Variiegatus'	F	Upright	Green and white striped foliage
Moor Grass, Tall Purple (T.P.M.G.)	<i>Molinia caerulea</i> ssp. <i>Arundinacea</i>	M	Upright-rounded	Moist soil; stately inflorescence; green to gray-green foliage; golden-yellow fall color
Mountain Friend T.P.M.G.	'Berggreund'	M	Upright-rounded	Golden-yellow fall color
Skyracer T.P.M.G.	'Skyracer'	F	Upright	Deep orange-yellow fall color
Transparent T.P.M.G.	'Transparent'	M	Arching	'Transparent' between foliage and flowers
Porcupine Grass	<i>Miscanthus sinensis</i> 'Strictus'	F	Upright-rounded	Sun; green foliage with yellow bands; spikey effect
Reed Grass, Feather (F.R.G.)	<i>Calamogrostis x acutiflora</i>	F	Upright clumps	Well-drained, moist soil; sun to light shade; open and feathery
Avalanche F.R.G.	'Avalanche'	F	Upright clumps	White center striped foliage
Karl Foerster F.R.G.	'Karl Foerster'; 'Stricta'	F	Upright clumps	Deep green foliage
Overdam F.R.G.	'Overdam'	F	Upright clumps	Cream white striped foliage
Switch Grass (S.G.); Panic Grass	<i>Panicum virgatum</i>	F	Upright clumps	Sun; drought tolerant; inflorescence with narrow wide spreading branches
Blue Sky S.G.	'Prairie Sky'	F	Upright clumps	Deep blue foliage
Cloud Nine S.G.	'Cloud Nine'	M	Upright clumps	Blue foliage; seed-head appears cloud-like
Dallas Blue S.G.	'Dallas Blues'	F	Upright clumps	Blue foliage
Northwind S.G.	'Northwind'	F	Upright clumps	Blue-green foliage
Tall S.G.	'Cloud Nine'	F	Upright clumps	Blue-green foliage; dark gold fall color
MEDIUM GRASSES – 2-4 feet in height				
Bluestem, Little (L.B.)	<i>Schizachyrium scorparium</i> ; <i>Andropogon scopariouus</i>	M	Upright clumps	Moist to dry soils; sun; good drainage; fine-textured purplish to blue-green leaves; orange to crimson red fall color
Blue Heaven L.B.	'Blue Heaven'	M	Upright clumps	Soft blue-green foliage, red-orange fall color
Prairie Blue L.B.	'Prairie Blues'	M	Upright clumps	Bright grey-blue foliage; red-orange fall color
The Blues L.B.	'The Blues'	M	Upright clumps	Deep blue foliage
Fountain Grass	<i>Pennisetum alopecuroides</i>	M	Cascading mounds	Sun to light shade; green leaves, golden-yellow fall color; foxtail-like inflorescence; dark purple flowers
Oats, Northern Sea; Wild Oats; Wood Oats	<i>Chasmanthium latifolium</i>	M	Clumps	Moist soil; light shade; green foliage; dangling oat-like spikelets; gold to red-bronze fall color
Switch grass, Blue (B.S.G.) or Red (R.S.G.)	<i>Panicum virgatum</i>	M	Upright clumps	Sun, drought tolerant; inflorescence with wide-spreading branches
Hanse Herms R.S.G.	'Hanse Herms'	M	Upright clumps	Lax-stemmed and arching green foliage; burgundy red fall color
Heavy Metal B.S.G.	'Heavy Metal'	M	Upright clumps	Blue-gray foliage turns yellow in fall; pinkish flowers; buff-yellow seedhead
Red-Rays S.G.	'Rotstrahlbusch'	M	Upright clumps	Green foliage; red-burgundy fall color; reddest of all S.G.
Shenandoah R.S.G.	'Shenandoah'	M	Upright clumps	Green foliage; burgundy fall color

E. ORNAMENTAL GRASSES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW GRASSES – 8-24 inches in height				
Dropseed, Sand	<i>Sporobolus cryptandrus</i>	S	Clumps	Drought-tolerant; fine-textured
Fescue, Blue (B.F.)	<i>Festuca ovina glauca</i>	S	Dense tufts	Sun; good drainage; fine-textured; 10" height
Elijah B.F.	<i>Festuca cinera</i>	S	Dense tufts	Silver-blue foliage; 10" height
Solling B.F.	'Elijah Blue'	S	Dense tufts	Silver-gray foliage; 8" height; heat and salt-tolerant
Grama, Blue	<i>Bouteloua gracilis</i>	S	Upright	Drought tolerant; green-grayish foliage; blue-green seeds
Grama, Sideoats	<i>Bouteloua curtipendula</i>	S	Upright	Dry, well-drained; sun; seeds on one side; does well on slopes
June Grass; Hair Grass	<i>Koeleria macrantha</i> <i>Koeleria cristata</i>	M	Upright	Sun; blue-gray foliage; bright green flowers
Oat Grass, Blue	<i>Helictotrichon sempervirens</i>	M	Dense tufts	Moist; well-drained soil; sun; silver blue foliage semi-evergreen; arching stems
Sedge, Pennsylvania	<i>Carex pensylvanica</i>	M	Clumps	Drought-tolerant; green foliage; brown seed capsules

F. GROUNDCOVERS

Common Name	Botanical Name	Growth Rate ^a	Remarks
GROUNDCOVERS			
Juniper (Also see Low Evergreen Shrubs)	<i>Juniperus</i> spp.	F	Dry soil; sun; needled evergreen; 6"-24" height
Sumac, Gro-Low Fragrant	<i>Rhus aromatic</i> 'Gro-Low'	M	Dry soil; sun; orange-maroon fall color; 2 ½' height

G. VINES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
VINES				
Bittersweet, American	<i>Celastrus scandens</i>	F	Twining	Dry soil; shade; yellow and red terminal fruit clusters dioecious; plant sexes
Creeper, Engelmann Virginia; Woodbine	<i>Parthenocissus quinquefolia</i> 'Englemanni'	F	Holdfasts and tendrils	Shade or sun; finer textured than the species; blue fruits; red fall color; salt-tolerant
Hydrangea, Climbing	<i>Hydrangea anomala</i> spp. <i>Petiolearis</i>	S	Aerial rootlets	Shade, moist soil; white flowers; exfoliating cinnamon bark

NOTES: The following abbreviations represent: cvs. – cultivars; spp. – species; ssp. – subspecies; and var. – variety. Recently installed plants initially require proper care including watering, fertilizing, and pruning until roots are established within two to three years. Thereafter, little or no watering is needed except during extreme prolonged drought conditions.

^a The following letters represent: S - Slow; M - Moderate; and F - Fast.

Source: E. R. Hasselkus, Ph. D., A Guide to Selecting Landscape Plants for Wisconsin, 1998, and Laura G. Jull, Ph.D., Drought Tolerant Woody Landscape Plants, 2012, University of Wisconsin-Extension, Madison, Wisconsin; Michael A. Dirr, Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses, 5th Ed., Stipes Publishing Company, Champaign, Illinois, 1998; Richard D. Schein, Ph.D., Street Trees: A Manual for Municipalities, Treeworks, State College, Pennsylvania, 1993; Henry D. Gerhold, Willet N. Wandell, and Norman L. Lacasse, Landscape Tree Factsheets, Pennsylvania State University, University Park, Pennsylvania, 2005; Henry D. Gerhold, Norman L. Lacasse, and Willet N. Wandell, Compatible Tree Factsheets for Electric Lines and Restricted Spaces, Including Evergreens for Screens, 2nd Ed., Pennsylvania State University, University Park, Pennsylvania, 2001; M. Hockenberry Meyer, D. B. White, and H. Pellett, Ornamental Grasses for Cold Climates, North Central Regional Extension Publication 573, University of Minnesota-Extension, St. Paul, Minnesota, 1998; Rick Darke, The Color Encyclopedia of Ornamental Grasses, Timber Press, Inc., Portland, Oregon, 1999; University of Wisconsin-Extension; Frank S. Santamour, Jr., Trees for Urban Planting: Diversity, Uniformity, and Common Sense, U.S. National Arboretum-Agricultural Research Service, Washington D.C., 1990; and SEWRPC.