

Trees

Common Name ▲	Scientific Name	Approx. Mature Height	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Amur Cherry	<i>Prunus maackia</i>	10.5 – 13.5 m	fs-psh	D	2
Amur Corktree	<i>Phellodendron amurense</i>	9 – 14 m	fs	D	3
Amur Maackia	<i>Maackia amurensis</i>	6- 9m	fs	D	3
Ash – Green Ash	<i>Fraxinus pennsylvanica</i>	12 – 18 m	fs	D	3
Ash – White Ash	<i>Fraxinus americana</i>	12 – 18 m	fs	D	3
Black Cherry	<i>Prunus serotina</i>	15 – 18 m	fs-psh	D	3
Blackgum / Black Tupelo	<i>Nyssa sylvatica</i>	9 – 15 m	fs-psh	D	3
Butternut	<i>Juglans cinerea</i>	12 – 18 m	fs	D	3
Chokecherry	<i>Prunus virginiana</i>	6- 9m	fs	D	2
Common Hackberry	<i>Celtis occidentalis</i>	12 – 15 m	fs-psh	D	2
Ginkgo / Maidenhair Tree	<i>Ginkgo biloba</i>	15 – 25 m	fs	D	3
Honeylocust	<i>Gleditsia triacanthos</i>	9 – 21 m	fs	D	3
Horsechestnut	<i>Aesculus hippocastanum</i>	12 – 15 m	fs	D	3
Kentucky Coffee Tree	<i>Gymnocladus dioicus</i>	12 – 15 m	fs	D	3
Maple – Norway Maple	<i>Acer platanoides</i>	12 – 15 m	fs	D	3
Maple – Red Maple	<i>Acer rubrum</i>	12 – 18 m	fs	D	3
Maple – Silver Maple	<i>Acer saccharinum</i>	15 – 21 m	fs	D	3
Maples – Amur Maple	<i>Acer ginnala</i>	4.5 – 6 m	fs-psh	D	2
Mayday Tree	<i>Prunus padus commutata</i>	9 – 12 m	fs-psh	D	3
Oaks – Bur Oak	<i>Quercus macrocarpa</i>	21 – 24 m	fs	D	2
Oaks – White Oak	<i>Quercus alba</i>	15 – 25 m	fs	N/A	3
Pin Cherry	<i>Prunus pennsylvanica</i>	12 m	fs	D	2
Poplars – Quaking Aspen / Trembling Aspen	<i>Populus tremuloides</i>	9 – 12 m	fs-psh	D	1
Purple Robe Locust (other Black Locusts are invasive)	<i>Robinia pseudoacacia</i> 'Purple Robe'	9 – 12 m	fs	D	3
Schubert Chokecherry	<i>Prunus virginiana</i> 'Schubert'	6 – 9 m	fs-psh	D	3
Staghorn Sumac	<i>Rhus typhina</i>	4.5 – 7.5 m	fs-psh	D	3
Water Birch	<i>Betula occidentalis</i>	6 – 9 m	fs-psh	D	2

Shrubs

Common Name	Scientific Name	Approx. Mature Height	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Alpine Currant	<i>Ribes alpinum</i>	0.90 – 1.8 m	fs-psh	D	2
Antelope Bitterbrush	<i>Purshia tridentata</i>	1- 2m	fs	D	3
Bog Labrador Tea / Indian Tea / Labrador Tea	<i>Rhododendron groenlandicum</i>	0.50 – 01.5 m	fs-psh	B	2
Buffaloberry / Indian Ice Cream / Soapberry / Soopalallie	<i>Shepherdia spp.</i>	1.8 – 3.0 m	fs	D	2
Cinquefoil, Potentilla	<i>Potentilla fruticosa</i>	0.3 – 1.2 m	fs-psh	D	2
Common Lilac	<i>Syringa vulgaris</i>	1.5 – 4.5 m	fs-psh	D	3
Cranberry Bush	<i>Viburnum trilobum</i>	1.2 – 3.5 m	fs-psh	D	2
Creeping Holly	<i>Mahonia repens</i>	30 – 45 cm	fs-psh	B	3
Double Flowering Plum / Flowering Almond	<i>Prunus triloba</i>	3.5 – 4.5 m	fs-psh	D	3
Nanking Cherry	<i>Prunus tomentosa</i>	1.8 – 3 m	fs-psh	D	2
Ninebark	<i>Physocarpus opulifolius</i>	1.5 – 3 m	fs-psh	D	2
Oregon Grape	<i>Mahonia aquifolium</i>	1.5 – 1.8 m	fs-psh	B	3
Purple-Leaf Sand Cherry	<i>Prunus cistena</i>	2- 3m	fs-psh	D	2
Rabbitbrush / Rabbitbush	<i>Ericameria nauseosa</i>	1m	fs	D	3
Redosier Dogwood / Red-twig Dogwood	<i>Cornus sericea</i>	2.1 – 3m	fs	D	2
Rose, Rugosa	<i>Rosa rugosa 'Hansa'</i>	1.5 – 1.8 m	fs-psh	D	2
Silverberry	<i>Elaeagnus commutata</i>	1. 8 – 3.5 m	fs	D	2
Snowberry	<i>Symphoricarpos albus</i>	1.2 – 1.8 m	fs-psh	D	3
Spirea	<i>Spiraea spp.</i>	0.60 – 1.2 m	fs-psh	D	3
Sumac, Fragrant	<i>Rhus aromatica</i>	0.6 – 1.8 m	fs-psh	D	3
Sumac, Oakleaf	<i>Rhus trilobata</i>	2.1 m	fs-psh	D	3
Sumac, Smooth	<i>Rhus glabra</i>	2.75 – 4.5 m	fs-psh	D	2
Tallhedge Glossy Buckthorn	<i>Rhamnus frangula</i>	2.5 – 3.5 m	fs-psh	D	2
Tatarian Honeysuckle	<i>Lonicera tatarica</i>	3 – 3.5 m	fs-psh	D	3
Western Chokecherry	<i>Prunus virginiana</i>	5.5 – 7.5 m	fs-psh	D	2
Western Sandcherry	<i>Prunus besseyi</i>	1.2 – 1.8 m	fs-psh	D	3
Willow	<i>Salix spp.</i>	1.8 – 3 m	fs	D	2

Vines

Common Name ▲	Scientific Name	Approx. Mature Height	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Beach Wormwood / Dusty Miller	<i>Artemisia stelleriana</i>	20 cm	fs	B	3
Dead Nettle	<i>Lamium</i> sp.	10 – 30 cm	fs-psh	D	3
Kinnickinnick	<i>Arctostaphylos uva- ursi</i>	10 – 20 cm	fs-psh	B	2
Perennial Sweet Pea	<i>Lathyrus latifolius</i>	1.8-2.7 m	fs-psh	D	3
Sedum / Stonecrop (creeping)	<i>Sedum</i> sp.	5 – 30 cm	fs-psh	D	3
Snow-In-Summer	<i>Cerastium tomentosum</i>	15 – 30 cm	fs-psh	B	3
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	9 – 15+ m	fs-sh	D	3
Wintergreen	<i>Gaultheria procumbens</i>	15 cm	fs-psh	B	3

Ornamental Grasses

Common Name	Scientific Name	Approx. Mature Height	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Blue Grama Grass / Mosquito Grass	<i>Bouteloua gracilis</i>	30 cm	fs	N/A	3
Bulrushes	<i>Scirpus</i> spp.	1 – 1.5 m	fs	N/A	3
Muttongrass	<i>Poa fendleriana</i>	30 – 60 cm	ps	N/A	3
Needle-and-thread Grass / Porcupine Grass	<i>Hesperostipa comata</i> *	90 cm	fs-psh	N/A	3
Sandberg Bluegrass	<i>Poa secunda</i>	30 cm	fs	N/A	2
Squirreltail Grass	<i>Elymus elymoides</i>	30 – 60 cm	ps	N/A	3
Wheatgrass, Crested	<i>Agropyron cristatum</i>	50 – 100 cm	fs	N/A	3

Turf Grass

Common Name▲	Scientific Name	Approx. Mature Height	Water Use	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Fescue, Chewings	<i>Festuca rubra commutata</i>	10 cm		fs-psh	N/A	3
Fescue, Creeping Red	<i>Festuca rubra</i>	5 – 7.5 cm		fs-psh	N/A	3
Fescue, Tall	<i>Festuca arundinacea</i>	10 cm	–	fs-psh	N/A	3
Kentucky Bluegrass	<i>Poa pratensis</i>	10cm	This species is in a category of it's own – it uses 890-1020 mm (35-40 inches) per year, almost double the High Category.	fs-psh	N/A	3

Perennial - Biennial

Common Name	Scientific Name	Approx. Mature Height	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Aster	Aster spp.	0.15 – 1.8 m	fs	N/A	3
Balloon Flower	Platycodon grandiflorus	75 – 90 cm	fs	N/A	3
Basket of Gold	Aurinia saxatalis	20 – 45 cm	fs	N/A	3
Beardtongue / Penstemon	Penstemon spp.	10 – 120 cm	fs-psh	N/A	3
Beebalm (Native) / Wild Bergamot	Monarda fistulosa	30 – 60 cm	fs-psh	N/A	3
Bergenia	Bergenia cordifolia	30 – 35 cm	fs-psh	N/A	3
Blanket Flower	Gaillardia sp.	20 – 90 cm	fs	N/A	3
Blue Vervain	Verbena hastata	50 – 150 cm	fs	N/A	3
Boneset	Eupatorium perfoliatum	50 – 100 cm	fs-psh	N/A	3
Brown-eyed Susan	Rudbeckia fulgida	60 – 90 cm	fs	N/A	3
Canadian Violet	Viola canadensis	30 cm	fs-psh	N/A	3
Candytuft	Iberis sempervirens	23 – 30 cm	fs	N/A	3
Catmint	Nepeta faassenii	15 – 90 cm	fs-psh	N/A	3
Catmint (Short-Stalked)	Nepeta subsessilis	30 – 60 cm	fs	N/A	3
Columbine	Aquilegia sp.	25 – 90 cm	fs-psh	N/A	3
Common Harebell	Campanula rotundifolia	15 – 30 cm	fs-psh	N/A	3
Coral Bells / Heuchera	Heuchera sanguinea	30 – 50 cm	fs-psh	N/A	3
Coreopsis, Dwarf Mouse Ear	Coreopsis auriculata var. Nana	30 – 60 cm	fs	N/A	3
Coreopsis, Tickseed	Coreopsis sp.	25 – 60 cm	fs-psh	N/A	3
Cranesbill, Blood-red	Geranium sanguineum	10 – 30 cm	fs-psh	N/A	3
Cushion Spurge	Euphorbia polychroma	30 – 45 cm	fs	N/A	3
Daylily	Hemerocallis hybrids	30 – 120 cm	fs-psh	N/A	3
Delphinium	Delphinium sp.	30 – 210 cm	fs-psh	N/A	3
Dianthus / Garden Carnation / Pinks	Dianthus sp.	5 – 30 cm	fs-psh	N/A	3
Fireweed	Epilobium angustifolium	60 – 90 cm	fs-psh	N/A	3
Fringed Sage / Pasture Sage	Artemisia frigida	30 – 60 cm	fs	N/A	3
Goldenrod	Solidago canadensis	30-175 cm	fs	N/A	3
Hollyhock	Alcea rosea	120 – 180 cm	fs	N/A	3
Hosta / Plantain Lily	Hosta sp.	15 – 90 cm	fs-psh	N/A	3
Iris	Iris hybrids	40 – 60 cm	fs	N/A	3
Jacob's Ladder	Polemonium spp.	30 – 90 cm	fs-psh	D	2
Jacob's Ladder	Polemonium spp.	30 – 90 cm	fs-psh	N/A	2
Lady's Mantle	Alchemilla sp.	30 cm	fs	D	3
Lady's Mantle	Alchemilla sp.	30 cm	ps	N/A	3
Lily-of-the-valley	Convallaria majalis	<30 cm	sh	N/A	2
Mariposa Lily	Calochortus macrocarpus	50 cm	fs	N/A	3
Mexican Hat / Prairie Coneflower	Ratibida columnifera	60 cm	fs	N/A	3

Missouri Goldenrod / Prairie Goldenrod / Smooth Goldenrod	Solidago missourinensis	30 – 60 cm	fs	N/A	3
Monkshood	Aconitum spp.	45 – 60 cm	fs-psh	N/A	3
Moss Phlox	Phlox subulata	10 – 15 cm	fs	N/A	3
Oriental Poppy	Papaver orientale	60 – 90 cm	fs-psh	N/A	3
Perennial Flax	Linum perenne	30 – 50 cm	fs-psh	N/A	2
Prickly Pear Cactus	Opuntia polycantha	5 – 60 cm	fs	N/A	3
Primrose	Oenothera spp.	15 – 30 cm	fs-psh	N/A	3
Rockcress	Arabis sp.	<30 cm	fs	N/A	3
Sea Pinks	Armeria maritima	15 – 30 cm	fs-psh	N/A	3
Sedum / Stonecrop (upright)	Sedum spectabile	30 – 45 cm	fs-psh	N/A	3
Silver Lupine	Lupinus argenteus	30 – 90 cm	ps	N/A	3
Soapwort	Saponaria sp.	10 – 23 cm	fs	N/A	2
Speedwell / Veronica	Veronica spicata	2.5 – 15 cm	fs-psh	N/A	3
Sun Rose	Helianthemum nummularium	30 – 50 cm	fs-psh	N/A	3
Swamp Milkweed	Asclepias incarnata	1.2 m	fs-psh	N/A	3
Virginia Bluebells	Mertensia virginica	50 cm	ps	N/A	3

Annual

Common Name ^	Scientific Name	Approx. Mature Height	Sun / Shade
Dusty Miller	Senecio cineraria	30 – 60 cm	fs
Gazania	Gazania ringens	20 – 40 cm	fs
Geranium	Geranium sp.	30 – 45 cm	fs-psh
Lantana	Lantana sp.	45 – 75 cm	fs
Pansy	Viola sp.	15 – 20 cm	fs-psh
Poppy	Papaver rhoeas	60 cm	fs
Salvia	Salvia spp.	15 – 45 cm	fs
Snapdragon	Antirrhinum majus	60 – 90 cm	fs
Sweet Alyssum	Lobularia maritima	30 cm	fs
Lobularia maritima			
Sweet Pea	Lathyrus odoratus	2m	fs-psh

Bulbs

Bulbs

Common Name ▲	Scientific Name	Approx. Mature Height	Sun / Shade	Leaf Types	USDA Hardiness Zone(s)
Nodding Onion	Allium cernum	30 cm	fs-psh	N/A	3