



Key
 W - wetness coefficient: (-5) wettest (+5) driest
 S - shade coefficient: (-5) shade (+5) full sun
 Bloom Time: 1 (early spring) - 10 (late fall)



Grand River Rainscaping
 An LGROW Program

Common Name	Latin Name	Plant Type	W	S	Bloom Time	Max Height (ft)	Flower Color	Salt Tolerant	Deer Resistant
Yarrow	<i>Achillea millefolium</i>	Wildflower	3	4	4	4	3 White	Yes	
White baneberry; doll's-eyes	<i>Actaea pachypoda</i>	Wildflower	5	-3	2	2	3 white		Yes
Red baneberry	<i>Actaea rubra</i>	Wildflower	-1	-2	5	5	2 white		Yes
Maidenhair fern	<i>Adiantum pedatum</i>	Fern	-1	-5	6	6	2		Yes
Blue Giant Hyssop	<i>Agastache foeniculum</i>	Wildflower	3	3	7	7	3 Purple		Yes
Yellow Giant Hyssop	<i>Agastache nepetoides</i>	Wildflower	3	3	5	5	6 Yellow, pink		
Tall agrimony	<i>Agrimonia gryposepala</i>	Wildflower	2	-2	5	5	4 Yellow		
Nodding wild onion	<i>Allium cernuum</i>	Wildflower	5	-2	5	5	1.5 Pink		Yes
Lead plant	<i>Amorpha canescens</i>	Shrub	2	4	6	6	3 Purple		Yes
Big bluestem	<i>Andropogon gerardii</i>	Grass	1	4	5	5	6 blue		Yes
Canada anemone	<i>Anemone canadensis</i>	Wildflower	-2	3	4	4	2 White		
Indian hemp; hemp dogbane	<i>Apocynum cannabinum</i>	Wildflower	0	2	5	5	4 White		
Wild columbine	<i>Aquilegia canadensis</i>	Wildflower	1	-1	2	2	3 Red	Yes	Yes
Spikenard	<i>Aralia racemosa</i>	Wildflower	-2	-4	5	5	5 Purple, green		
Bearberry	<i>Arctostaphylosuva-ursi</i>	Shrub	2	4	3	3	1 white, pink		Yes
Jack-in-the-pulpit; Indian-turnip	<i>Arisaema triphyllum</i>	Wildflower	-4	2	3	3	2 Green		
Black chokeberry	<i>Aronia melanocarpa</i>	Shrub	0	3	3	3	6 white		
Wild ginger	<i>Asarum canadense</i>	Wildflower	-2	-5	2	2	0.5 Red		Yes
Poke milkweed	<i>Asclepias exaltata</i>	Wildflower	5	-4	5	5	5 White		Yes
Swamp/Red milkweed	<i>Asclepias incarnata</i>	Wildflower	-5	4	5	5	4 Pink		Yes
Showy milkweed	<i>Asclepias speciosa</i>	Wildflower	-1	5	6	6	4 Pink		Yes
Sullivant's milkweed	<i>Asclepias sullivantii</i>	Wildflower	0	5	6	6	5 Pink		
Common milkweed	<i>Asclepias syriaca</i>	Wildflower	5	3	5	5	5 Pink		
Butterfly weed	<i>Asclepias tuberosa</i>	Wildflower	5	4	5	5	3 Orange	yes	Yes
Whorled milkweed	<i>Asclepias verticillata</i>	Wildflower	5	3	6	6	2 White		Yes
Green milkweed	<i>Asclepias viridiflora</i>	Wildflower	0	3	7	7	4 White		
Heart-leaved aster	<i>Aster cordifolius, Symphyotrichum cor</i>	Wildflower	5	-2	10	10	3 White		
Smooth aster	<i>Aster laevis, Symphyotrichum laeve</i>	Wildflower	5	5	9	9	5 White, Pink, Purple		
Arrow-leaved aster	<i>Aster saqittifolius, Symphyotrichum ui</i>	Wildflower	5	1	8	8	4 White		
Short's aster	<i>Aster shortii, Symphyotrichum shortii</i>	Wildflower	5	-3	9	9	3 white		
Flat-top white aster	<i>Aster umbellatus, Doellingeria umbell</i>	Wildflower	-3	4	8	8	4 White		
Lady fern	<i>Athyrium filix-femina</i>	Fern	-3	-5	5	5	2 -		Yes
White false indigo	<i>Baptisia lactea</i>	Wildflower	3				5 White		
Cream wild indigo	<i>Baptisia leucophaea</i>	Wildflower	5				2 White		
Wild indigo	<i>Baptisia tinctoria</i>	Wildflower	5	0	4	4	3 yellow		
Sideoats grama	<i>Bouteloua curtipendula</i>	Grass	5	5	8	8	3	Yes	Yes
Tall bellflower	<i>Campanula americana</i>	Wildflower	0	1	6	6	5 Purple		
Bluebell, Harebell	<i>Campanula rotundifolia</i>	Wildflower	3	3	6	6	2 Blue, Purple		Yes
White tinged sedge	<i>Carex albicans</i>	Sedge	5	-1	3	3	1.5		Yes
Creek sedge	<i>Carex amphibola</i>	Sedge	0	-2	3	3	2		Yes
Prairie sedge	<i>Carex bicknellii</i>	Sedge	0	3	2	2	2.5 -		Yes
Bur sedge	<i>Carex grayi</i>	Sedge	-3	0	3	3	2.5 -		Yes
Muskingum/Palm sedge	<i>Carex muskingumensis</i>	Sedge	-5	0	5	5	2 -		Yes
Pennsylvania sedge	<i>Carex pennsylvanica</i>	Sedge	5	-4	2	2	1 -		Yes
Golden star sedge	<i>Carex rosea</i>	Sedge	5	-5	2	2	1 -		Yes
Quill sedge	<i>Carex tenera</i>	Sedge	0	2	5	5	2 -		
Fox sedge	<i>Carex vulpinoidea</i>	Sedge	-5	5	2	2	2 -		Yes
New Jersey tea	<i>Ceanothus americanus</i>	Shrub	5	3	8	8	3 White		Yes
Buttonbush	<i>Cephalanthus occidentalis</i>	Shrub	-5	2	5	5	8 white		
Fireweed	<i>Chamaenerion angustifolium, Epilobi</i>	Wildflower	0	5	7	7	6 Pink		
Turtlehead	<i>Chelone glabra</i>	Wildflower	-5	3	6	6	5 White		
Virgin's bower	<i>Clematis virginiana</i>	Vine	0	-1	5	5	White		
Sweetfern	<i>Comptonia peregrina</i>	Shrub	5	3	5	5	3		Yes
Lanceleaf/Sand coreopsis	<i>Coreopsis lanceolata</i>	Wildflower	3	4	3	3	3 Yellow	Yes	Yes
Prairie coreopsis	<i>Coreopsis palmata</i>	Wildflower	5	5	7	7	3 Yellow		
Tall coreopsis/Tall tickseed	<i>Coreopsis tripteris</i>	Wildflower	0	2	7	7	8 Yellow		
Red osier/Red twig dogwood	<i>Cornus sericea</i>	Shrub	-3	3	2	2	10 white		
Hazelnut	<i>Corylus americana</i>	Shrub	3	3	4	4	15 Red		
Hayscented fern	<i>Dennstaedtia punctilobula</i>	Fern	5	1	3	3	2		Yes
Wild bleeding heart	<i>Dicentra eximia</i>	Wildflower	5	-1	5	5	2 Pink		
Bush honeysuckle	<i>Diervilla lonicera</i>	Shrub	5	0	6	6	3 Yellow, Orange		
Goldie's fern	<i>Dryopteris goldiana</i>	Fern	0	-2			4		Yes
Marginal woodfern	<i>Dryopteris marginalis</i>	Fern	3	-1	7	7	3 -		Yes
Purple coneflower	<i>Echinacea purpurea</i>	Wildflower	5	3	8	8	4 Purple	Yes	Yes
Bottlebrush grass	<i>Elymus hystrix</i>	Grass	3	-1	6	6	5		yes
Purple love grass, Tumble grass	<i>Eragrostis spectabilis</i>	Grass	5	5	6	6	1 -		Yes
Robin's plantain	<i>Eriqeron pulchellus</i>	Wildflower	3	2	2	2	2 White		
Rattlesnake-master	<i>Eryngium yuccifolium</i>	Wildflower	0	5	7	7	5 white		Yes
Yellow trout lily	<i>Erythronium americanum</i>	Wildflower	5	-3	4	4	0.5 Yellow		
Creeping strawberry bush	<i>Euonymus obovata</i>	Groundcover	5	-5	2	2	1.5 Yellow		
Joe-Pye weed	<i>Eupatorium maculatum</i>	Wildflower	-5	5	6	6	6 Pink		
Boneset	<i>Eupatorium perfoliatum</i>	Wildflower	-4	4	6	6	5 White	Yes	Yes
Sweet joe-Ppe weed, Green stemme	<i>Eupatorium purpureaum</i>	Wildflower	0	0	8	8	6 Pink		Yes
Queen of the prairie	<i>Filipendula rubra</i>	Wildflower	-3	5	6	6	5 Pink		
Wild strawberry	<i>Fragaria virginiana</i>	Groundcover	3	4	2	2	0.5 white		
Bottle gentian, Closed gentian	<i>Gentiana andrewsii</i>	Wildflower	-3	1	9	9	2 Blue		
Wild geranium	<i>Geranium maculatum</i>	Groundcover	3	-4	2	2	2 Pink		
Prairie smoke	<i>Geum triflorum</i>	Wildflower	3	5	4	4	0.5 Pink		Yes
Oak fern	<i>Gymnocarpium dryopteris</i>	Fern	3	-2	5	5	1		Yes
Witchhazel	<i>Hamamelis virginiana</i>	Shrub	3	3	10	10	15 Yellow		
Woodland sunflower	<i>Helianthus divaricatus</i>	Wildflower	5	-2	6	6	4 Yellow		
Western sunflower	<i>Helianthus occidentalis</i>	Wildflower	3	5	7	7	3 Yellow		
Prairie/Stiff sunflower	<i>Helianthus pauciflorus</i>	Wildflower	5	5	5	5	4 Yellow		

Pale-leaved sunflower	Helianthus strumosus	Wildflower	5	-3	7	6	Yellow		
Sharp-lobed hepatica	Hepatica acutiloba	Wildflower	5	-2	3	0.5	Pink		
Round-lobed hepatica	Hepatica americana	Wildflower	5	-5	1	0.5	Purple, white		
Prairie alum root	Heuchera richardsonii	Wildflower	3	3	4	2	Yellow		
Rattlesnake weed, Veined hawkweed	Hieracium venosum	Wildflower	5	3	3	6	White		
Vanilla sweet grass	Hierochloa odorata, Anthoxanthum h	Grass	-3	5	7	2		Yes	
Shrubby St. John's-wort	Hypericum prolificum	Wildflower	3	4	5	10	yellow		
Spotted St. John's-wort	Hypericum punctatum	Wildflower	0	3	5	2.5	Yellow		
Michigan Holly, Winterberry, Black-a	Ilex verticillata	Shrub	-3	4	2	10	white		
Wild blue flag iris	Iris shrevei	Wildflower	-5	3	7	3	purple		
Southern blue flag iris	Iris versicolor	Wildflower	-5	2	3	3	Purple, yellow		
Twinleaf	Jeffersonia diphylla	Wildflower	5	-5	1	1.5	White		
Junegrass	Koeleria macrantha	Grass	5	5	3	2		Yes	
Rough blazing star	Liatris aspera	Wildflower	5	5	7	4	Purple	Yes	Yes
Northern blazing star	Liatris scariosa	Wildflower	5	5	5	3	Pink		
Marsh blazing star	Liatris spicata	Wildflower	0	5	6	4	Pink		
Spicebush	Lindera benzoin	Shrub	-3	-2	2	12	yellow		
Cardinal flower	Lobelia cardinalis	Wildflower	-5	-3	7	4	red		
Great blue lobelia	Lobelia siphilitica	Wildflower	-3	-1	6	4	Blue, Purple		
Lupine	Lupinus perennis	Wildflower	5	4	2	2	Blue, Purple		Yes
Fringed looserstrife	Lysimachia ciliata	Wildflower	-3	-1	5	3	Yellow		
False spikenard, Solomon's seal	Maianthemum racemosum	Wildflower	3	-1	5	3	White		
Ostrich fern	Matteuccia struthiopteris	Fern	0	-2		6		Yes	
Virginia Bluebell	Mertensia virginica	Wildflower	0	-1	2	2	Blue		
Monkey-flower	Mimulus ringens	Wildflower	-5	3	5	4	Purple		
Bergamot/Bee-balm	Monarda fistulosa	Wildflower	3	3	5	5	Pink		Yes
Horsemint/Dotted mint	Monarda punctata	Wildflower	5	5	5	2	Yellow		Yes
Common evening-primrose	Oenothera biennis	Wildflower	3	4	5	6	Yellow		
Sundrops	Oenothera fruticosa	Wildflower	2	2	4	2.5	Yellow		
Cinnamon fern	Osmunda cinnamomea	Fern	-3	-2	5	5		Yes	
Golden ragwort	Packera aurea, Senecio aureus	Wildflower	-3	-2	2	3	Yellow		
Balsam/Northern ragwort	Packera paupercula, Senecio plattensi	Wildflower	0	1	2	2	Yellow		
Switchgrass	Panicum virgatum	Grass	0	5	5	6	-	Yes	Yes
Wild Quinine	Parthenium integrifolium	Wildflower	5	5	7	5	White		Yes
Foxglove beard-tongue	Penstemon digitalis	Wildflower	0	-1	2	4	White		Yes
Large beard-tongue	Penstemon grandiflorus	Wildflower	5	5	5	3	Purple		Yes
Hairy beard-tongue	Penstemon hirsutus	Wildflower	5	2	2	3	Purple, White		
Wild blue phlox	Phlox divaricata	Wildflower	-3	-1	3	2	Blue, Purple		
Prairie phlox	Phlox pilosa	Wildflower	3	5	5	2	Pink		
Ninebark	Physocarpus opulifolius	Shrub	-3	3		8	white		
Obedient plant, False dragonhead	Physostegia virginiana	Wildflower	-3	5	9	2	Pink	Yes	
Jacob's ladder	Polemonium reptans	Wildflower	0	2	5	2	Blue		
Shrubby cinquefoil	Potentilla fruticosa	Wildflower	-3	5	5	5	Yellow		
Shootingstar	Primula meadia, Dodecatheon meadi	Wildflower	3	2	4	2	White, pink		Yes
Choke cherry	Prunus virginiana	Shrub	3	-3	2	20	white		
Mountain mint	Pycnanthemum virginianum	Wildflower	-3	4	5	4	White		Yes
Swamp buttercup	Ranunculus hispidus	Wildflower	0	-2	2	1.5	Yellow		
Yellow coneflower	Ratibida pinnata	Wildflower	5	5	6	6	Yellow		
Smooth sumac	Rhus glabra	Shrub	5	3	5	15	Yellow		
Wild black currant	Ribes americanum	Shrub	-3	-4	2	8	Yellow		
Wild/Meadow rose	Rosa blanda	Shrub	3	3	6	5	Pink		Yes
Swamp rose	Rosa palustris	Shrub	-5	4	6	7	pink		
Climbing prairie rose	Rosa setigera	Shrub	3	2	5	5	Pink		
Black-eyed Susan	Rudbeckia hirta	Wildflower	3	4	5	4	Yellow	Yes	Yes
Tall/Cut-leaved coneflower	Rudbeckia laciniata	Wildflower	-3	-2	6	8	yellow		
Three-lobed coneflower	Rudbeckia triloba	Wildflower	3	0	6	3	Yellow		
Hairy ruellia, Wild petunia	Ruellia humilis	Wildflower	3	5	6	2	Pink		Yes
Pussy willow	Salix discolor	Shrub	-3	5	1	20	White		
Elderberry	Sambucus canadensis	Shrub	-3	3	5	8	White		
Bloodroot	Sanguinaria canadensis	Wildflower	3	-3	4	1	White		Yes
Little bluestem	Schizachyrium scoparium, Andropogo	Grass	3	5	5	4	-	Yes	Yes
Woolgrass	Scirpus cyperinus	Sedge	-5	5	7	6		Yes	
Mad-dog skullcap	Scutellaria lateriflora	Wildflower	-5	-1	5	3	Purple		
Wild senna	Senna hebecarpa	Wildflower	-3	5	6	6	yellow		
Fire pink	Silene virginica	Wildflower	5	-3	5	2	Red		
Compassplant	Silphium laciniatum	Wildflower	5	5	8	10	Yellow		
Cupplant	Silphium perfoliatum	Wildflower	-3	3	8	10	Yellow		
Prairie-dock	Silphium terebinthinaceum	Wildflower	0	4	6	8	Yellow		
Stout blue eyed grass	Sisyrinchium angustifolium	Wildflower	0	3	4	1	Blue		
Bluestem goldenrod	Solidago caesia	Wildflower	3	-4	9	3	Yellow		
Zigzag goldenrod	Solidago flexicaulis	Wildflower	3	-5	9	3	Yellow		
Swamp goldenrod	Solidago patula	Wildflower	-5	2	9	3	Yellow		
Riddell's goldenrod	Solidago riddellii	Wildflower	-5	4	9	4	Yellow		
Stiff goldenrod	Solidago rigida	Wildflower	3	5	9	5	Yellow		Yes
Rough goldenrod	Solidago rugosa	Wildflower	0	-1	9	5	Yellow		
Showy goldenrod	Solidago speciosa	Wildflower	5	5	9	5	yellow	Yes	Yes
Indian grass	Sorghastrum nutans	Grass	3	5	5	6	-		Yes
Cordgrass	Spartina pectinata	Grass	-3	5	8	10		Yes	Yes
Steeplebush	Spiraea tomentosa	Shrub	-3	3	8	4	Pink	Yes	
Prairie dropseed	Sporobolus heterolepis	Grass	3	5	5	2	-	Yes	Yes
Bladdernut	Staphylea trifolia	Shrub	0	-4	1	20	Yellow		
New England aster	Symphyotrichum novae-angliae	Wildflower	-3	5	9	5	Pink, Purple		Yes
Sky blue aster	Symphyotrichum oolentangiense	Wildflower	5	1	9	3	Blue, Purple	Yes	
Tall meadow-rue	Thalictrum dasycarpum	Wildflower	-3	-1	3	6	White		
Early meadow-rue	Thalictrum dioicum	Wildflower	3	-2	4	3	white		
White cedar; arborvitae	Thuja occidentalis	Tree	-3	0		50'			
Long-bracted spiderwort	Tradescantia bracteata	Wildflower	3	5	5	2	Purple		
Common spiderwort	Tradescantia ohioensis	Wildflower	3	2	3	2.5	Blue, Purple		
Red trillium	Trillium erectum	Wildflower	3	-2	3	1	Red		

Common trillium, Large flowered tril	Trillium grandiflorum	Wildflower	3	-2	4	1.5	White		
Prairie trillium	Trillium recurvatum	Wildflower	3	-2	3	1	Red		
Bellwort	Uvularia grandiflora	Wildflower	5	5	4	2	Yellow		
Blue vervain	Verbena hastata	Wildflower	-3	5	8	6	Purple		Yes
Hoary vervain	Verbena stricta	Wildflower	5	5	8	4	Blue, Purple	Yes	Yes
Tall ironweed	Vernonia gigantea	Wildflower	0	3	9	8	Purple		Yes
Missouri ironweed	Vernonia missurica	Wildflower	0	3	6	6	Pink		
Culver's root	Veronicastrum virginicum	Wildflower	0	3	8	3	white		
Nannyberry; sheepberry	Viburnum lentago	Shrub	0	-1	2	18	white		
Highbush cranberry	Viburnum trilobum	Shrub	-3	3	4	15	White		
Golden alexanders	Zizia aurea	Wildflower	0	-1	2	2	Yellow	Yes	Yes

Additional Resources

<https://michiganflora.net/search.aspx>

<https://mnfi.anr.msu.edu/species/plants>

<http://explorer.natureserve.org/servlet/NatureServe?init=Species>

<https://plants.usda.gov/java/>

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[No Mow Lawn Seed Mix with Rye](#)

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