

CULTURAL GUIDE



This cultural guide is meant to be used as a resource while making decisions on native species selection. The species listed here are some of the more popular species we use in our seed mixes as well as some we find interesting. Many more are available; please contact us for more information. Note: Botanical names given are those most commonly used by native plant nurseries.

Legend

Sun	Soil	Status in Michigan
☀ = Full Sun	C = Clay	SC = Special Concern
☀☀ = Part Sun	L = Loam	T = Threatened
☁ = Shade	S = Sand	NN = Non Native in MI
	M = Muck	X = Extirpated

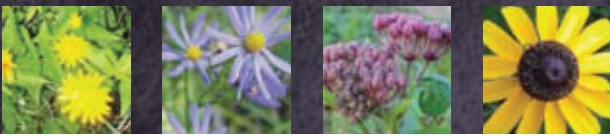
Forbs (Wildflowers)

Botanical Name	Common Name	Dry	Dry-mesic	Mesic	Wet-mesic	Wet	Emergent	Sun	Soil	Blooms	Height	Color	Approx. Seeds/Oz	Status
<i>Achillea millefolium</i>	Yarrow	X	X	X	-	-	-	☀	C,L,S,M	JUL-AUG	1-3'	White	175,000	
<i>Acorus calamus</i>	Sweet Flag	-	-	-	X	X		☀☀	C,L,S,M	MAY-JUL	1-4'	Green	6,600	
<i>Actaea rubra</i>	Red Baneberry	-	-	X	X	X		☀	C,L,S,M	APR-MAY	2'	White	4,450	
<i>Actinomeris alternifolia</i>	Wingstem	-	-	X	X	-		☀	C,L,S,M	JUL-OCT	3-8'	Yellow	9,000	
<i>Agastache nepetoides</i>	Yellow Giant Hyssop	X	X	X	-	-		☀☀	L,S	JUL-OCT	3-7'	Yellow	90,000	
<i>Alisma subcordatum</i>	Common Water Plantain	-	-	-	X	X		☀☀	C,L,S,M	JUL-SEP	2-4'	White	60,000	
<i>Allium cernuum</i>	Nodding Wild Onion	-	X	X	X	-		☀☀	C,L,S	JUL-AUG	1-2'	Lavender	7,600	
<i>Allium tricoccum</i>	Wild Leek	-	X	X	X	-		☀☀	C,L,S,M	JUN-AUG	6-12"	White	1,400	
<i>Anemone canadensis</i>	Canada Thimbleweed	-	X	X	X	-		☀☀☀	C,L,S,M	MAY-JUL	1-2'	White	8,000	
<i>Anemone cylindrica</i>	Thimbleweed	X	X	X	-	-		☀☀	L,S	JUN-AUG	1-2'	White	26,000	
<i>Anemone virginiana</i>	Tall Thimbleweed	X	X	X	-	-		☀☀☀	L,S	JUN-AUG	2-3'	White	28,000	
<i>Angelica atropurpurea</i>	Angelica	-	X	X	X	-		☀☀	C,L,S,M	MAY-JUN	4-9'	White	5,400	
<i>Aquilegia canadensis</i>	Wild Columbine	X	X	X	-	-		☀☀☀	L,S	APR-JUN	1-3'	Red	38,000	
<i>Arisaema triphyllum</i>	Jack-in-the-Pulpit	-	X	X	X	-		☀☀	C,L,S,M	APR-JUN	1-2'	Green	500	
<i>Artemisia caudata</i>	Beach Wormwood	X	-	-	-	-		☀	L,S	AUG-OCT	2-5'	Green	250,000	
<i>Asclepias incarnata</i>	Swamp Milkweed	-	X	X	X	X		☀	C,L,S,M	JUN-AUG	3-5'	Pink	4,800	
<i>Asclepias syriaca</i>	Common Milkweed	X	X	X	X	-		☀☀	C,L,S,M	JUN-AUG	2-5'	Pink	4,000	
<i>Asclepias tuberosa</i>	Butterfly Milkweed	X	X	X	-	-		☀☀	L,S	JUN-AUG	1-3'	Orange	4,300	
<i>Asclepias verticillata</i>	Whorled Milkweed	X	X	-	-	-		☀☀	S	JUL-SEP	1-2'	White	11,000	
<i>Aster azureus</i>	Sky Blue Aster	X	X	X	-	-		☀☀	L,S	AUG-OCT	1-4'	Blue	80,000	
<i>Aster cordifolius</i>	Heart-leaved Aster	-	X	X	-	-		☀☀☀	L,S	AUG-OCT	2-4'	Blue	140,000	
<i>Aster ericoides</i>	Heath Aster	X	X	X	X	-		☀☀	L,S	AUG-OCT	1-3'	White	200,000	
<i>Aster laevis</i>	Smooth Blue Aster	X	X	X	-	-		☀☀	L,S	AUG-OCT	2-5'	Blue	55,000	
<i>Aster macrophyllus</i>	Big-leaved Aster	X	X	X	X	-		☀☀	L,S	AUG-OCT	1-2'	White	27,000	
<i>Aster novae-angliae</i>	New England Aster	-	X	X	X	-		☀☀	C,L,S,M	AUG-OCT	3-6'	Purple	66,000	
<i>Aster pilosus</i>	Frost Aster	X	X	X	-	-		☀☀	L,S	AUG-OCT	2-4'	White	140,000	
<i>Aster puniceus</i>	Swamp Aster	-	-	X	X	X		☀☀	C,L,S,M	AUG-OCT	3-6'	Purple	80,000	
<i>Aster sagittifolius</i>	Arrow-leaved Aster	X	X	X	-	-		☀☀	L,S	AUG-OCT	2-5'	Blue	135,000	
<i>Aster shortii</i>	Short's Aster	-	X	X	-	-		☀☀	C,L,S	SEP-OCT	2-4'	Blue	60,000	
<i>Aster simplex</i>	Panicled Aster	-	-	X	X	-		☀	C,L,S,M	AUG-OCT	3-5'	White	156,800	
<i>Aster umbellatus</i>	Flat-topped Aster	-	X	X	X	X		☀☀	C,L,S,M	AUG-OCT	2-5'	White	67,000	
<i>Astragalus canadensis</i>	Canadian Milk Vetch	-	X	X	X	-		☀☀	L,S	JUN-AUG	1-4'	Cream	17,000	T
<i>Aureolaria flava</i>	Smooth False Foxglove	X	X	-	-	-		☀☀	L,S	JUL-OCT	2-4'	Yellow	7,000	T
<i>Baptisia lactea</i>	White Wild Indigo	X	X	X	-	-		☀☀	C,L,S	JUN-JUL	3-4'	White	1,700	SC
<i>Bidens cernua</i>	Nodding Bur Marigold	-	-	X	X	X		☀	C,L,S,M	JUL-OCT	1-3'	Yellow	21,000	
<i>Bidens frondosa</i>	Devil's Beggarticks	-	-	X	X	X		☀☀	C,L,S,M	AUG-OCT	1-4'	Yellow	5,000	
<i>Blephilia hirsuta</i>	Hairy Wood Mint	-	X	X	X	-		☀	C, L,S	JUL-AUG	1-3'	White	240,000	
<i>Boltonia asteroides</i>	False Aster	-	X	X	X	-		☀☀	C,L,S	AUG-OCT	3-5'	White	160,000	
<i>Cacalia atriplicifolia</i>	Pale Indian Plantain	X	X	X	-	-		☀☀	L,S	JUL-SEP	3-7'	White	6,000	
<i>Caltha palustris</i>	Marsh Marigold	-	-	-	X	X		☀☀☀	C,L,S,M	APR-MAY	1-2'	Yellow	26,000	
<i>Campanula americana</i>	Tall Bellflower	-	X	X	X	-		☀☀	C,L,S	JUL-OCT	2-6'	Blue	170,000	
<i>Campanula rotundifolia</i>	Harebell	X	X	-	-	-		☀☀	L,S	JUN-SEP	6-12"	Purple	900,000	
<i>Cassia fasciculata</i>	Partridge Pea	X	X	X	-	-		☀☀	L,S	JUL-SEP	1-3'	Yellow	2,700	
<i>Cassia hebecarpa</i>	Wild Senna	-	X	X	X	-		☀☀	C,L,S	JUL-AUG	3-5'	Yellow	1,400	
<i>Castilleja coccinea</i>	Indian Paintbrush	-	X	X	X	-		☀☀	L,S,M	MAY-SEP	1-2'	Orange	300,000	
<i>Chelone glabra</i>	Turtlehead	-	X	X	X	-		☀☀	C,L,S	JUL-SEP	2-4'	Cream	92,000	
<i>Coreopsis lanceolata</i>	Lance-leaf Coreopsis	X	X	-	-	-		☀	L,S	MAY-AUG	1-2'	Yellow	20,000	

CULTURAL GUIDE continued



Botanical Name	Common Name	Dry	Dry-mesic	Mesic	Wet-mesic	Wet	Emergent	Sun	Soil	Blooms	Height	Color	Approx. Seeds/lb	Status
<i>Coreopsis palmata</i>	Prairie Coreopsis	X	X	X	-	-	-	☀☀	L,S	JUN-AUG	1-3'	Yellow	10,000	T
<i>Coreopsis tripteris</i>	Tall Coreopsis	-	X	X	X	-	-	☀☀	C,L,S,M	JUL-SEP	4-8'	Yellow	14,000	
<i>Desmanthes illinoensis</i>	Illinois Sensitive Plant	X	X	X	-	-	-	☀	L,S	JUL-AUG	3-5'	White	4,200	NN
<i>Desmodium canadense</i>	Showy Tick Trefoil	-	X	X	X	-	-	☀☀	C,L,S	JUL-AUG	2-5'	Pink	5,500	
<i>Desmodium illinoense</i>	Prairie Tick Trefoil	X	X	X	-	-	-	☀☀	C,L,S	JUL-AUG	3-6'	Pink	4,300	
<i>Echinacea pallida</i>	Pale Purple Coneflower	X	X	X	-	-	-	☀☀	C,L,S	JUN-JUL	2-4'	Pink	5,200	NN
<i>Echinacea purpurea</i>	Purple Coneflower	-	X	X	X	-	-	☀☀	C,L,S	JUN-JUL	3-5'	Purple	6,600	X
<i>Eryngium yuccifolium</i>	Rattlesnake Master	-	X	X	X	-	-	☀	C,L,S,M	JUL-SEP	3-5'	White	7,500	T
<i>Eupatorium maculatum</i>	Joe Pye Weed	-	-	-	X	X	X	☀☀	C,L,S,M	JUL-SEP	4-7'	Pink	95,000	
<i>Eupatorium perfoliatum</i>	Boneset	-	-	-	X	X	X	☀☀	C,L,S,M	JUL-SEP	3-5'	White	160,000	
<i>Eupatorium purpureum</i>	Sweet Joe Pye Weed	-	X	X	X	-	-	☀☀	C,L,S	JUL-SEP	4-6'	Pink	42,000	
<i>Eupatorium rugosum</i>	White Snakeroot	X	X	X	X	-	-	☀☀	C,L,S	JUL-OCT	2-4'	White	150,000	
<i>Euphorbia corollata</i>	Flowering Spurge	X	X	X	-	-	-	☀	L,S	JUN-AUG	2-4'	White	8,000	
<i>Frasera caroliniensis</i>	American Columbo	-	X	X	-	-	-	☀☀	L,S	MAY-JUN	6-9'	White	3,000	
<i>Gentiana andrewsii</i>	Bottle Gentian	-	-	X	X	X	-	☀☀	C,L,S,M	AUG-OCT	1-3'	Purple	280,000	
<i>Geranium maculatum</i>	Wild Geranium	-	X	X	-	-	-	☀☀☀	L,S	MAY-JUL	1-2'	Lavender	5,000	
<i>Geum triflorum</i>	Prairie Smoke	X	X	X	-	-	-	☀	L,S	APR-JUN	6-12"	Pink	27,000	T
<i>Helenium autumnale</i>	Sneezeweed	-	-	-	X	X	-	☀☀	C,L,S,M	AUG-OCT	3-5'	Yellow	130,000	
<i>Helianthus divaricatus</i>	Woodland Sunflower	X	X	X	-	-	-	☀☀☀	L,S	JUL-SEP	2-4'	Yellow	4,800	
<i>Helianthus giganteus</i>	Tall Sunflower	-	-	X	X	X	-	☀	C,L,S,M	JUL-SEP	4-10'	Yellow	10,000	
<i>Helianthus grosseserratus</i>	Saw-toothed Sunflower	-	-	X	X	X	-	☀☀	C,L,S,M	AUG-OCT	6-9'	Yellow	15,000	
<i>Helianthus mollis</i>	Downy Sunflower	X	X	X	-	-	-	☀	L,S	AUG-SEP	2-5'	Yellow	7,000	T
<i>Helianthus occidentalis</i>	Western Sunflower	X	X	X	-	-	-	☀☀	L,S	JUL-SEP	2-4'	Yellow	14,000	
<i>Helianthus strumosus</i>	Pale-leaved Sunflower	-	X	X	X	-	-	☀☀☀	L,S	JUL-OCT	3-5'	Yellow	4,200	
<i>Heliopsis helianthoides</i>	False Sunflower	-	X	X	X	-	-	☀☀	C,L,S,M	JUN-SEP	3-6'	Yellow	6,300	
<i>Heracleum maximum</i>	Cow Parsnip	-	-	X	X	X	-	☀☀☀	C,L,S,M	MAY-JUL	4-10'	White	2,600	
<i>Heuchera richardsonii</i>	Prairie Alum Root	X	X	X	-	-	-	☀☀	L,S	MAY-JUN	1-3'	White	700,000	
<i>Hibiscus palustris</i>	Swamp Rose Mallow	-	-	-	X	X	-	☀☀	L,S,M	JUL-SEP	4-7'	Pink	2,400	SC
<i>Hypericum pyramidatum</i>	Great St. John's Wort	-	-	X	X	X	-	☀☀	C,L,M	JUL-SEP	3-6'	Yellow	190,000	
<i>Iris versicolor</i>	Northern Blue Flag Iris	-	-	-	X	X	X	☀☀	C,L,S,M	MAY-JUL	2-3'	Purple	1,300	
<i>Iris virginica</i>	Southern Blue Flag Iris	-	-	-	X	X	X	☀☀	C,L,S,M	MAY-JUL	2-3'	Purple	1,000	
<i>Kuhnia eupatorioides</i>	False Boneset	X	X	-	-	-	-	☀☀	L,S	AUG-SEP	1-3'	White	32,000	SC
<i>Lespedeza capitata</i>	Round-headed Bush Clover	X	X	X	-	-	-	☀☀	L,S	AUG-SEP	2-5'	White	8,000	
<i>Liatis aspera</i>	Rough Blazingstar	X	X	X	-	-	-	☀	L,S	JUL-OCT	1-3'	Purple	16,000	
<i>Liatis cylindracea</i>	Cylindrical Blazingstar	X	X	-	-	-	-	☀☀	S	JUL-SEP	1-2'	Purple	14,000	
<i>Liatis scariosa</i>	Savannah Blazingstar	X	X	X	-	-	-	☀☀	L,S	AUG-SEP	2-4'	Purple	10,800	
<i>Liatis spicata</i>	Marsh Blazingstar	-	-	X	X	X	-	☀	C,L,S,M	JUL-SEP	3-5'	Purple	11,000	
<i>Lobelia cardinalis</i>	Cardinal Flower	-	-	-	X	X	X	☀☀	S,L,M	JUL-SEP	2-5'	Red	400,000	
<i>Lobelia siphilitica</i>	Great Blue Lobelia	-	-	X	X	X	X	☀☀☀	C,L,S,M	JUL-SEP	1-4'	Blue	500,000	
<i>Ludwigia alternifolia</i>	Seedbox	-	-	-	X	X	-	☀	L,S,M	JUL-SEP	2-3'	Yellow	281,250	SC
<i>Lupinus perennis</i>	Lupine	X	X	-	-	-	-	☀☀	S	MAY-JUN	1-2'	Blue	1,100	
<i>Lycopus americanus</i>	Water Horehound	-	-	-	X	X	-	☀	L,S,M	JUL-SEP	1-2'	White	130,000	
<i>Mentha arvensis</i>	Wild Mint	-	-	X	X	X	-	☀☀	L,S,M	JUL-SEP	1-3'	White	300,000	
<i>Mimulus ringens</i>	Monkey Flower	-	-	-	X	X	X	☀	C,L,S,M	JUN-SEP	2-3'	Purple	2,300,000	
<i>Monarda fistulosa</i>	Wild Bergamot	X	X	X	X	X	-	☀☀	C,L,S,M	JUL-SEP	2-4'	Lavender	70,000	
<i>Monarda punctata</i>	Horsemint	X	-	-	-	-	-	☀	S	JUL-SEP	1-2'	Pink	90,000	
<i>Napaea dioica</i>	Glade Mallow	-	-	X	X	-	-	☀☀	C,L,S,M	JUN-AUG	3-7'	White	5,300	NN
<i>Oenothera biennis</i>	Common Evening Primrose	X	X	X	X	-	-	☀☀	C,L,S,M	JUN-SEP	2-6'	Yellow	90,000	
<i>Parthenium integrifolium</i>	Wild Quinine	X	X	X	-	-	-	☀	C,L,S,M	JUN-SEP	2-4'	White	7,000	NN
<i>Peltandra virginica</i>	Arrow Arum	-	-	-	-	-	X	☀☀	L,S,M	JUN-JUL	1-2'	Green	42	
<i>Penstemon digitalis</i>	Foxglove Beardtongue	-	X	X	X	-	-	☀☀	C,L,S,M	JUN-JUL	2-4'	White	130,000	
<i>Penstemon hirsutus</i>	Hairy Beardtongue	X	X	-	-	-	-	☀	L,S	MAY-JUN	1-3'	Lavender	125,000	
<i>Penthorum sedoides</i>	Ditch Stonecrop	-	-	-	-	X	X	☀☀	C,L,S,M	JUN-SEP	1-3'	Green	1,300,000	
<i>Petalostemum candidum</i>	White Prairie Clover	X	X	X	-	-	-	☀☀	L,S	JUL-SEP	1-3'	White	19,000	NN
<i>Petalostemum purpureum</i>	Purple Prairie Clover	X	X	X	-	-	-	☀☀	C,L,S	JUL-SEP	1-3'	Purple	18,000	X
<i>Phlox pilosa</i>	Sand Prairie Phlox	X	X	X	-	-	-	☀	L,S	MAY-JUL	1-2'	Pink	19,000	
<i>Physostegia virginiana</i>	Obedient Plant	-	-	-	X	X	-	☀☀	C,L,S,M	AUG-SEP	2-4'	Pink	11,000	
<i>Polygonatum canaliculatum</i>	Great Solomon's Seal	X	X	X	-	-	-	☀☀	C,L,S	MAY-JUNE	1-4'	White	1,200	
<i>Polygonum amphibium</i>	Water Knotweed	-	-	-	X	X	X	☀☀	C,L,S,M	JUN-OCT	6"-1'	Pink	3,125	
<i>Polygonum pennsylvanicum</i>	Pennsylvania Smartweed	-	-	X	X	X	X	☀☀	C,L,S,M	JUN-OCT	1-3'	Pink	13,000	
<i>Polygonum virginianum</i>	Woodland Knotweed	-	X	X	X	-	-	☀☀	C,L,S	JUL-OCT	1-4'	White	3,500	
<i>Pontederia cordata</i>	Pickereel Weed	-	-	-	-	-	X	☀☀	L,S,M	JUN-OCT	1-3'	Purple	1,250	
<i>Potentilla arguta</i>	Prairie Cinquefoil	X	X	-	-	-	-	☀	L,S	JUN-AUG	1-3'	Yellow	230,000	



Botanical Name	Common Name	Dry	Dry-mesic	Mesic	Wet-mesic	Wet	Emergent	Sun	Soil	Blooms	Height	Color	Approx. Seeds/lb	Status
<i>Prenanthes alba</i>	Lion's Foot	-	X	X	X	-	-	☀	L,S	AUG-OCT	2-5'	White	18,000	
<i>Pycnanthemum virginianum</i>	Mountain Mint	-	-	X	X	X	-	☀☀	L,S,M	JUN-SEP	1-3'	White	220,000	
<i>Ratibida pinnata</i>	Yellow Coneflower	-	X	X	X	-	-	☀	C,L,S,M	JUL-OCT	3-5'	Yellow	30,000	
<i>Rudbeckia fulgida</i>	Orange Coneflower	-	-	X	X	-	-	☀☀	C,L,M	JUL-SEP	2-3'	Orange	31,000	
<i>Rudbeckia hirta</i>	Black-eyed Susan	X	X	X	X	-	-	☀☀	C,L,S,M	JUN-OCT	1-3'	Yellow	92,000	
<i>Rudbeckia laciniata</i>	Golden Glow	-	-	-	X	X	-	☀☀☀	C,L,S,M	JUL-OCT	3-10'	Yellow	14,000	
<i>Rudbeckia speciosa sullivantii</i>	Showy Black-eyed Susan	-	-	X	X	-	-	☀	C,L,M	AUG-SEP	2-3'	Yellow	27,100	
<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	-	X	X	X	-	-	☀☀	C,L,S,M	AUG-OCT	3-5'	Yellow	43,000	NN
<i>Rudbeckia triloba</i>	Brown-eyed Susan	-	X	X	X	-	-	☀☀	L,S	AUG-OCT	2-5'	Yellow	34,000	
<i>Rumex verticillatus</i>	Swamp Dock	-	-	-	X	X	-	☀	C,L,S,M	JUN-AUG	2-5'	Green	9,688	
<i>Sagittaria latifolia</i>	Common Arrowhead	-	-	-	-	-	X	☀☀	C,L,S,M	JUL-SEP	2-4'	White	61,000	
<i>Scrophularia marilandica</i>	Late Figwort	-	X	X	X	-	-	☀☀	L,S	JUL-OCT	3-7'	Brown	170,000	
<i>Senecio aureus</i>	Golden Ragwort	-	-	X	X	X	-	☀☀	C,L,S,M	MAY-JUN	1-2'	Yellow	28,125	
<i>Silphium integrifolium</i>	Rosinweed	X	X	X	X	-	-	☀	C,L,S,M	JUL-SEP	2-6'	Yellow	1,200	
<i>Silphium laciniatum</i>	Compass Plant	X	X	X	-	-	-	☀	C,L,S	JUN-SEP	4-8'	Yellow	660	
<i>Silphium perfoliatum</i>	Cupplant	-	-	X	X	X	-	☀☀	C,L,S,M	JUL-SEP	4-8'	Yellow	1,400	
<i>Silphium terebinthinaceum</i>	Prairie Dock	-	X	X	X	-	-	☀	C,L,S,M	JUL-SEP	4-10'	Yellow	1,000	
<i>Smilacina racemosa</i>	False Solomon's Seal	X	X	X	-	-	-	☀☀	C,L,S	APR-JUN	1-3'	White	400	
<i>Solidago caesia</i>	Blue-stemmed Goldenrod	X	X	X	-	-	-	☀☀	C,L,S	SEP-OCT	1-3'	Yellow	546,875	
<i>Solidago graminifolia</i>	Grass-leaved Goldenrod	-	X	X	X	X	-	☀☀	L,S,M	JUL-SEP	1-4'	Yellow	350,000	
<i>Solidago nemoralis</i>	Old Field Goldenrod	X	X	-	-	-	-	☀	L,S	AUG-OCT	1-3'	Yellow	300,000	
<i>Solidago ohioensis</i>	Ohio Goldenrod	-	-	X	X	X	-	☀	C,L,S,M	JUL-SEP	2-3'	Yellow	110,000	
<i>Solidago patula</i>	Swamp Goldenrod	-	-	-	X	X	-	☀☀	L,S,M	AUG-OCT	3-6'	Yellow	71,875	
<i>Solidago riddellii</i>	Riddell's goldenrod	-	-	-	X	X	-	☀	C,L,S,M	AUG-OCT	2-5'	Yellow	93,000	
<i>Solidago rigida</i>	Stiff Goldenrod	X	X	X	-	-	-	☀☀	C,L,S	AUG-OCT	1-5'	Yellow	41,000	
<i>Solidago rugosa</i>	Rough Goldenrod	-	X	X	X	X	-	☀☀☀	C,L,S,M	AUG-OCT	2-5'	Yellow	92,500	
<i>Solidago speciosa</i>	Showy Goldenrod	X	X	X	-	-	-	☀☀	L,S	AUG-OCT	2-5'	Yellow	95,000	
<i>Sparganium eurycarpum</i>	Common Bur Reed	-	-	-	-	X	X	☀	C,L,S,M	JUN-AUG	2-5'	Green	500	
<i>Tephrosia virginiana</i>	Goat's Rue	X	-	-	X	X	-	☀☀	S	JUN-AUG	1-3'	Pink	2,500	
<i>Thalictrum dasycarpum</i>	Tall Meadow Rue	-	-	X	X	X	-	☀☀	C,L,S,M	JUN-JUL	3-6'	Cream	11,000	
<i>Tradescantia ohiensis</i>	Common Spiderwort	X	X	X	-	-	-	☀☀	L,S	MAY-JUL	2-4'	Purple	8,000	
<i>Verbena hastata</i>	Blue Vervain	-	-	X	X	X	X	☀	C,L,S,M	JUL-SEP	3-5'	Purple	93,000	
<i>Verbena stricta</i>	Hoary Vervain	X	X	X	-	-	-	☀	L,S	JUN-SEP	2-4'	Blue	28,000	
<i>Vernonia fasciculata</i>	Ironweed	-	-	X	X	-	-	☀	C,L,S,M	JUL-SEP	3-6'	Purple	24,000	NN
<i>Vernonia gigantea</i>	Tall Ironweed	-	-	X	X	-	-	☀	C,L,S	JUL-SEP	4-9'	Purple	24,000	
<i>Vernonia missurica</i>	Missouri Ironweed	-	X	X	X	-	-	☀	C,L,S,M	JUL-OCT	3-5'	Purple	22,000	
<i>Veronicastrum virginicum</i>	Culver's Root	-	X	X	X	-	-	☀☀	C,L,S	JUN-AUG	2-6'	White	800,000	
<i>Zizia aptera</i>	Prairie Golden Alexander	X	X	-	-	-	-	☀☀	L,S	JUN-JUL	1-2'	Yellow	12,000	T
<i>Zizia aurea</i>	Golden Alexander	X	X	X	X	X	-	☀☀☀	C,L,S,M	APR-JUN	2-4'	Yellow	11,000	

Shrubs & Vines

<i>Amorpha canescens</i>	Leadplant	X	X	X	-	-	-	☀☀	L,S	JUN-AUG	1-3'	Purple	17,000	SC
<i>Ceanothus americanus</i>	New Jersey Tea	X	X	X	-	-	-	☀☀	L,S	JUN-AUG	1-3'	White	7,000	
<i>Cephalanthus occidentalis</i>	Buttonbush	-	-	-	X	X	X	☀☀☀	C,L,S,M	JUN-AUG	6-15'	White	12,500	
<i>Clematis virginiana</i>	Virgin's Bower	-	-	X	X	-	-	☀☀☀	C,L,S,M	JUL-OCT	vine	White	13,600	
<i>Hypericum prolificum</i>	Shrubby St. John's Wort	X	X	X	-	-	-	☀☀	L,S	JUL-AUG	3-5'	Yellow	140,000	
<i>Rosa carolina</i>	Pasture Rose	X	X	X	-	-	-	☀☀	L,S	JUN-SEP	1-3'	Pink	2,900	
<i>Rosa palustris</i>	Swamp Rose	-	-	-	X	X	X	☀☀	C,L,S,M	JUN-AUG	2-7'	Pink	1,600	
<i>Spiraea alba</i>	Meadowsweet	-	-	-	X	X	-	☀☀	C,L,S,M	AUG-SEP	2-5'	White	390,625	
<i>Spiraea tomentosa</i>	Steeplebush	-	-	X	X	X	-	☀☀	L,S,M	AUG-SEP	2-3'	Pink	390,625	

Legend

Sun	Soil	Status in Michigan
☀ = Full Sun	C = Clay	SC = Special Concern
☀☀ = Part Sun	L = Loam	T = Threatened
☀☀☀ = Shade	S = Sand	NN = Non Native in MI
	M = Muck	X = Extirpated



Graminoids (Grasses, Sedges and Rushes)

Botanical Name	Common Name	Dry	Dry-mesic	Mesic	Wet-mesic	Wet	Emergent	Sun	Soil	Season	Height	Approx. Seeds/Oz	Status
<i>Andropogon gerardii</i>	Big Bluestem	X	X	X	X	-	-	☼	C,L,S,M	JUL-OCT	4-8'	10,000	
<i>Bouteloua curtipendula</i>	Side-oats Grama	X	X	X	-	-	-	☼	L,S	AUG-OCT	1-4'	6,000	T
<i>Bromus ciliatus</i>	Fringed Brome	-	-	-	X	X	-	☼	L,S,M	JUN-AUG	2-4'	10,000	
<i>Bromus kalmii</i>	Prairie Brome	X	X	X	-	-	-	☼☼	L,S	JUN-AUG	1-3'	8,000	
<i>Bromus purgans</i>	Hairy Wood Chess	X	X	X	-	-	-	☼☼	C,L,S	JUN-AUG	2-5'	7,600	
<i>Calamagrostis canadensis</i>	Blue Joint Grass	-	-	-	X	X	-	☼	C,L,S,M	JUN-AUG	2-5'	280,000	
<i>Calamovilfa longifolia</i>	Sand Reed Grass	X	-	-	-	-	-	☼	S	JUL-SEP	5-6'	9,000	
<i>Carex bebbii</i>	Bebb's Oval Sedge	-	-	X	X	X	-	☼	C,L,S,M	MAY-SEP	1-3'	34,000	
<i>Carex bicknellii</i>	Bicknell's Sedge	X	X	X	-	-	-	☼☼	L,S	MAY-AUG	1-3'	17,000	
<i>Carex brevior</i>	Plains Oval Sedge	X	X	X	-	-	-	☼	L,S	MAY-JUN	1-2'	29,000	
<i>Carex comosa</i>	Bristly Sedge	-	-	-	X	X	X	☼☼	C,L,S,M	JUN-SEP	1-3'	30,000	
<i>Carex crinita</i>	Fringed Sedge	-	-	-	X	X	X	☼☼☼	C,L,S,M	MAY-JULY	2-4'	23,000	
<i>Carex cristatella</i>	Crested Sedge	-	-	X	X	-	-	☼☼☼	L,S,M	MAY-JULY	2-3'	59,000	
<i>Carex diandra</i>	Bog Panicked Sedge	-	-	-	X	X	-	☼	L,S,M	MAY-JUN	1-3'	43,000	
<i>Carex frankii</i>	Frank's Sedge	-	-	-	X	X	-	☼☼☼	C,L,S,M	JUN-SEP	1-2'	17,000	SC
<i>Carex gracillima</i>	Graceful Sedge	-	X	X	-	-	-	☼☼	C,L,S,M	MAY-JUL	1-3'	102,000	
<i>Carex granularis</i>	Meadow Sedge	-	-	X	X	X	-	☼☼☼	C,L,S,M	MAY-JULY	1-3'	16,000	
<i>Carex grayi</i>	Common Bur Sedge	-	-	X	X	X	-	☼☼	C,L,S,M	MAY-AUG	1-3'	1,200	
<i>Carex hystericina</i>	Porcupine Sedge	-	-	-	X	X	-	☼	C,L,S,M	MAY-SEP	1-3'	30,000	
<i>Carex lacustris</i>	Lake Sedge	-	-	-	X	X	X	☼☼☼	C,L,S,M	MAY-AUG	2-5'	26,000	
<i>Carex lupulina</i>	Hop Sedge	-	-	-	X	X	X	☼☼	C,L,S,M	MAY-JULY	1-3'	3,300	
<i>Carex lurida</i>	Shallow Sedge	-	-	-	X	X	X	☼☼	C,L,S,M	JUN-SEP	1-3'	12,000	
<i>Carex muhlenbergii</i>	Sand Bracted Sedge	X	X	-	-	-	-	☼☼	L,S	MAY-JULY	1-3'	12,000	
<i>Carex muskingumensis</i>	Palm Sedge	-	-	X	X	X	-	☼	C,L,S	MAY-JULY	1-2'	81,250	
<i>Carex scoparia</i>	Lance-fruited Oval Sedge	-	-	-	X	X	-	☼	L,S,M	MAY-AUG	2-3'	84,000	
<i>Carex sprengeii</i>	Long-beaked Sedge	-	X	X	X	-	-	☼☼	C,L,S	APR-JULY	1-2'	10,000	
<i>Carex stipata</i>	Awl-fruited Sedge	-	-	-	X	X	X	☼☼☼	C,L,S,M	MAY-AUG	1-3'	34,000	
<i>Carex stricta</i>	Tussock Sedge	-	-	-	X	X	-	☼☼	L,S,M	APR-JUN	2-3'	53,000	
<i>Carex vulpinoidea</i>	Fox Sedge	-	-	X	X	X	X	☼☼	C,L,S,M	MAY-SEP	1-3'	100,000	
<i>Cinna arundinacea</i>	Common Wood Reed	-	-	X	X	X	-	☼☼	L,S,M	JUL-SEP	3-5'	308,750	
<i>Eleocharis acicularis</i>	Spike Rush	-	-	-	-	X	X	☼	C,L,S,M	JUL-SEP	6-12"	70,000	
<i>Eleocharis obtusa</i>	Blunt Spike Rush	-	-	-	-	X	X	☼	C,L,S,M	JUL-SEP	2-12"	100,000	
<i>Eleocharis palustris</i>	Great Spike Rush	-	-	-	-	X	X	☼	C,L,S,M	JUL-SEP	1-2'	51,000	
<i>Elymus canadensis</i>	Canada Wild Rye	X	X	X	-	-	-	☼☼	C,L,S	JUL-SEP	3-5'	5,200	
<i>Elymus riparius</i>	Riverbank Wild Rye	-	-	X	X	-	-	☼☼☼	C, L, S, M	JUL-SEP	3-5'	2,900	
<i>Elymus villosus</i>	Silky Wild Rye	-	X	X	X	-	-	☼	L,S	JUL-SEP	2-5'	5,500	
<i>Elymus virginicus</i>	Virginia Wild Rye	-	-	X	X	X	-	☼☼☼	C,L,S,M	JUL-SEP	2-5'	4,200	
<i>Glyceria canadensis</i>	Canada Manna Grass	-	-	-	X	X	X	☼☼	C,L,S,M	JUN-AUG	2-3'	74,000	
<i>Glyceria grandis</i>	Reed Manna Grass	-	-	-	X	X	X	☼	C,L,S,M	JUN-AUG	3-5'	80,000	
<i>Glyceria striata</i>	Fowl Manna Grass	-	-	X	X	X	-	☼☼☼	C,L,S,M	MAY-JULY	1-5'	160,000	
<i>Hystrix patula</i>	Bottlebrush Grass	X	X	X	-	-	-	☼☼	L,S	JUN-AUG	3-5'	7,600	
<i>Juncus dudleyi</i>	Dudley's Rush	-	-	X	X	X	-	☼☼	C,L,S,M	JUN-SEP	1-2'	3,200,000	
<i>Juncus effusus</i>	Soft Rush	-	-	X	X	X	X	☼☼	C,L,S,M	MAY-JULY	2-4'	1,000,000	
<i>Juncus tenuis</i>	Path Rush	X	X	X	X	-	-	☼☼☼	C,L,S	JUN-JULY	6-12"	1,000,000	
<i>Juncus torreyi</i>	Torrey's Rush	-	-	X	X	X	X	☼	C,L,S,M	JUN-SEP	1-2'	1,600,000	
<i>Koeleria cristata</i>	June Grass	X	X	-	-	-	-	☼☼	L,S	MAY-JULY	1-2'	200,000	
<i>Leersia oryzoides</i>	Rice Cut Grass	-	-	-	X	X	X	☼☼	C,L,S,M	JUL-SEP	2-4'	34,000	
<i>Panicum virgatum</i>	Switch Grass	X	X	X	X	-	-	☼	C,L,S,M	JUL-SEP	3-5'	14,000	
<i>Schizachyrium scoparium</i>	Little Bluestem	X	X	X	-	-	-	☼	L,S	AUG-OCT	2-4'	15,000	
<i>Scirpus acutus</i>	Hard-stem Bulrush	-	-	-	X	X	X	☼	L,S,M	MAY-AUG	3-9'	20,000	
<i>Scirpus atrovirens</i>	Dark Green Bulrush	-	-	-	X	X	X	☼	C,L,S,M	JUN-SEP	3-5'	460,000	
<i>Scirpus cyperinus</i>	Wool Grass	-	-	-	X	X	X	☼☼	C,L,S,M	JUN-SEP	3-6'	1,700,000	
<i>Scirpus fluviatilis</i>	River Bulrush	-	-	-	X	X	X	☼	C,L,S,M	MAY-AUG	3-7'	4,300	
<i>Scirpus pendulus</i>	Red Bulrush	-	-	-	X	X	-	☼	L,S,M	MAY-AUG	2-5'	378,125	
<i>Scirpus pungens</i>	Three-square Rush	-	-	-	X	X	X	☼	C,L,S,M	JUN-SEP	2-5'	125,000	
<i>Scirpus validus</i>	Soft-stem Bulrush	-	-	-	X	X	X	☼	L,S,M	MAY-AUG	4-8'	31,000	
<i>Sorghastrum nutans</i>	Indian Grass	X	X	X	X	-	-	☼	C,L,S	AUG-OCT	4-6'	12,000	
<i>Spartina pectinata</i>	Prairie Cordgrass	-	-	X	X	X	-	☼	C,L,S,M	JUL-SEP	4-8'	6,600	
<i>Sporobolus heterolepis</i>	Prairie Dropseed	-	X	X	X	X	-	☼	L,S	AUG-OCT	2-3'	16,000	SC
<i>Zizania aquatica</i>	Wild Rice	-	-	-	-	X	X	☼	C,L,S,M	JUL-SEP	3-8'	4,375	T