



Calvin Ecosystem Preserve & Native Gardens

19th Annual Spring Native Plant Sale

Saturday, May 11, 2024, 10 a.m. - 4 p.m.

1750 East Beltline Ave SE
Grand Rapids, MI 49546
www.calvin.edu/go/preserve

Prices

Card, Cash, and checks preferred.

Small 4 Inch Pots: \$4.75 each

X-Large Pots (1/2 gallon to gallon): \$18.00 each

Proceeds benefit student positions, educational programs, education, and stewardship projects at the Calvin Ecosystem Preserve and Native Gardens. Thank you for your support!

Availability

Plants are sold on a first-come, first-served basis. We do not offer early sales but do continue to sell plants through spring, summer, and fall. Check our website for information about our summer and fall sales.

This list is a projection of species that we will have available throughout the growing season. Please be aware that we do not have a full-scale commercial nursery, so quantities and sizes available for a given species may be quite limited and are not fully guaranteed. We are always in the process of propagating so our inventory changes. If you are looking for a species not available on May 13, you may send an email to preserve@calvin.edu with your wish list and we will let you know if the species is one we will have later in the season.

Tip: Bring your own boxes, wagon or cart, and old towels to move the plants and keep your car clean.



Our Plants

The majority of plants at this sale were grown from seeds collected in West Michigan and germinated in our greenhouses on campus by staff, college students and volunteers. To learn more about our volunteer opportunities visit: <https://calvin.edu/ecosystem-preserve/get-involved/volunteer/>.

Caring for Your New Plants

- Keep plants in a shady spot and the soil moist until you can plant them in the ground. If the plants are small, it may be best to let them continue to grow in their pots for several weeks before you plant them. This gives them more time to develop a strong root ball. When transporting them, try not to disturb the root ball too much.
- If a pot has multiple plants in it, do not spilt the root ball; instead, plant each pot as one single unit.
- Plant them in their preferred environment. However, many longtime gardeners have discovered that native plants are quite adaptable to a variety of soil, sun, and moisture conditions (see the note below for our recommended list).
- Water regularly at first until the plants are established. Once established, most native plants will thrive only on rainwater, but do water them during dry spells if they look wilted.

New to Gardening with Native Plants - 6 Tips

Plants highlighted in the list below with * in the SKU column indicate our recommended starter plants for the home gardener. These plants thrive in a variety of conditions and are favorites of our staff, especially for home gardeners who want an easy-care garden which supports a variety of pollinators. Many of these flowers and grasses also make great cut flowers.

Below are six tips to get you off to a great start:

1. Purchase most species in at least a set of three and plant together for mass planting. Pollinators are attracted to larger groupings of flowers blooming.
2. Add sedges and grasses to your garden to add texture, height, and winter interest. Small shrubs and trees also add demension to your garden and winter interest.
3. Chose a multitude of flowering species which bloom at different times so you have color in your garden from spring to fall and nectar for a variety of pollinators.
4. Plant goldenrods for lovely fall color and to provide nectar and pollinator for bees and other insects. Contrary to popular belief, goldenrods are not responsible for seasonal allergies. Ragweed, which often times grows with goldenrods along roadsides and fields, is the culprit for those dreaded seasonally allergies. Our plants are ragweed-free so add some goldenrods to your garden.
5. Once you plant your garden draw a map and label what you planted where. Remember to consult your map before you weed especially next spring.
6. If you chose to plant black eyed susans or cardinal flower remember that these are short lived pernnials. If you want them to come back in your garden, you need to allow the seeds to fall on the ground so new plants can grow.

Our website also has links to species databases and several educational resources to learn more: <https://calvin.edu/ecosystem-preserve/programs-events/native-plant-sale/>

C	U	S	N	E	Z	Scientific name	Common name	Height (ft.)	SUN			WATER			SOIL				BLOOM		Attract				Resist		Notes	
									Full	Part	Shade	Dry	Avg	Wet	Sand	Loam	Clay	Muck	Time	Color	Butterfly	Bee	Songbird	Hummingbird	Deer	Rabbit		
					1A1	<i>Achillea millefolium</i>	Yarrow	2-3 ft	X	X		X	X		X	X			June-Sept	White	X	X				X		Can spread both by seed and by its rhizomes. Yarrow Milfoil (or "Common Yarrow") has been used traditionally to treat wounds, dye wool, and for food. This plant grows well in disturbed areas such as roadsides, lawns, and cliffs, but can also be found in wetter places such as meadows or riverbanks.
	102				1A2	<i>Acorus americanus</i>	Sweet Flag	2-4 ft	X	X				X				X	June - July	Green								Semi aquatic, aromatic plant. Flower blooms for about a month. Spreads vegetatively, often forms colonies. Leaves give off a sweet scent when broken.
	105				1A7	<i>Agastache nepetoides</i>	Giant Yellow Hyssop	3-6 ft	X	X			X	X	X	X			June - Oct	Greenish yellow	X	X	X					A robust member of the mint family. Native to moist open woods, thickets, woodland edges.
	108*				1A16	<i>Allium cernuum</i>	Nodding Wild Onion	1-2 ft	X	X			X		X	X			July- Aug	Pink		X	X			X		Small flower clusters face downwards as if nodding. Onion-like scent. Blooms for a long time. Plant in groups.
	113				1A19	<i>Anaphalis margaritacea</i>	Pearly Everlasting	1-2ft	X	X		X	X	X	X				July-Sept	White	X	X						Narrow leaves are green to woolly white. Blooms can be dried for flower arrangements.
	114*				1A21	<i>Anemone canadensis</i>	Canada Anemone	1-2 ft		X		X	X	X	X	X	X		May-June	White		X						Makes an attractive ground cover. Opportunistic plant that colonizes aggressively without competition.
	115				1A22	<i>Anemone cylindrica</i>	Thimbleweed	1-2 ft	X			X			X				June - July	White					X	X		Thimble-like fruits develop during the summer, then transform into cottony tufts during the fall.
	118				1A25	<i>Anemone virginiana</i>	Tall Thimbleweed	1-2 ft	X	X		X	X		X	X			June	White					X			Thimble-like fruits develop during the summer, then transform into cottony tufts during the fall.
	119				1A26	<i>Angelica atropurpurea</i>	Angelica	4-6ft	X	X			X	X	X	X	X		May-June	White	X	X			X	X		Smooth, dark purple stem with large white flowers in round heads.
	123				1A27	<i>Antennaria howellii</i>	Cat's foot	1 ft		X		X	X		X	X	X		April-June	White	X	X						Produces a small white flower and can reproduce asexually. Develops brown fruit with a tuft of fuzz for wind dispersal.
	126				1A33	<i>Aquilegia canadensis</i>	Wild Columbine	1-2 ft		X		X			X				May - June	Red & yellow	X	X	X	X				Showy flowers with lacey leaves. Plant dies back after blooming. Self-seeds easily for more plants.
	136				1A40	<i>Asarum canadense</i>	Wild ginger	.5-1 ft		X	X		X	X		X	X		April-May	Purple		X						Tastes like ginger!
	140*				1A44	<i>Asclepias incarnata</i>	Swamp milkweed, Rose Milkweed	3-4 ft		X			X	X	X	X			July - Aug	Pink	X	X		X	X	X		Great plant for home gardens. Very adaptable.

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143*	1A47		Asclepias syriaca	Common Milkweed	3-4 ft	X			X			X	X			June - July	White & lavender	X	X			X	X	Can become weedy in a home garden.
144	1A48		Asclepias tuberosa	Butterflyweed	1-2 ft	X			X			X	X			July	Orange	X	X	X	X			Likes it hot and dry. Does not like to be transplanted.
145	1A49		Asclepias verticillata	Whorled Milkweed	1-2ft	X			X			X	X	X		July-Aug	White	X	X			X	X	Excellent plant for nutrient-poor sites. Leaves are thin and thread-like. Plant 10-15 together for visual impact.
163	1C5		Campanulastrum americana	Tall Bellflower	2-5 ft		X	X		X			X			July - Aug	Blue		X		X	X		Annual or biennial that self-sows. As a biennial, the first year it sets a rosette; during the second year it grows a tall stalk and flowers. Mark where you plant it, so you do not weed it out.
171	1C12		Chelone glabra	Turtlehead	2-3 ft	X	X			X	X	X	X	X		Aug - Sept	White	X	X		X	X		Unique-shaped white flowers. Plant multiples for impact.
183*	1C26		Coreopsis lanceolata	Lance Leaf Coreopsis, Sand Tickseed	1-2 ft	X			X			X	X	X		June - Aug	Yellow		X	X				Easy to grow. May bloom again if you deadhead spent flowers.
184	1C27		Coreopsis palmata	Prairie Coreopsis	1.5-2.5 ft	X			X	X		X	X	X		May - Aug	Yellow	X	X			X		Very tolerant of humid weather or drought. Can be encouraged to bloom again by deadheading. Plant 3+ together for visual impact.
185	1C28		Coreopsis tripteris	Tall Coreopsis	5-7 ft		X			X		X	X			July - Sept	Yellow		X	X		X		In prairie-like settings, plant in groups with grasses & beebalm to support its growth.
190	1D1		Dalea purpurea	Purple Prairie Clover	2 ft	X	X		X	X		X	X	X		July - Sep	Purple	X	X					Blooms for a long time. Drought resistant. Give room for it to grow and become bush-like.
193	1D3		Desmodium canadense	Showy tick-trefoil	2-4ft	X			X	X	X	X	X			July-Aug	Pink		X					Very attractive flowers. Seed pods are sticky.
202	1D17		Doellingeria umbellata	Flat Topped Aster	2-3ft	X	X		X	X		X	X	X		Aug-Sept	White	X	X			X	X	This plant has erect stems with flat-topped flowers.
203	1E1		Echinacea pallida	Pale Purple Coneflower	2-4ft	X	X		X			X	X	X		June-Aug	Purple	X	X	X			X	This plant has more slender leaves and flowers than purple coneflower. Plant 5-10 together for visual impact.
204*	1E2		Echinacea purpurea	Purple Coneflower	2-4 ft	X			X			X	X	X		June - Aug	Purple with orange center	X	X	X		X		Easy to grow, has big showy flowers.
210	1E6		Eryngium yuccifolium	Rattlesnake Master	2-4 ft		X			X		X	X	X		July - Aug	White	X	X					Has button-like flowers & yucca-like leaves.
213	1E9		Eupatorium perfoliatum	Boneset	2-4 ft	X			X	X		X	X	X		Aug - Sep	White	X	X	X				Plant with Joy-pye Weed (which blooms at the same time) for a lovely pink and white mix.

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215				1E11	Eurybia macrophylla	Big Leaf Aster	1-2 ft		X	X	X	X			X	X	X	July - Aug	Violet	X	X	X				Provides a hearty ground cover in shaded areas.
216				1A12	Euthamia caroliniana	Slender goldenrod	1-3	X	X			X	X	X	X	X		Aug-Dec	Yellow	X	X				Drought tolerant, has grass-like leaves	
218				1E14	Eutrochium maculatum	Joe-pye Weed	4-5 ft	X				X	X	X	X	X		July - Aug	Pink	X		X			Dark purple stem and whorled leaves complement the flowers of this handsome plant. Plant with Boneset (which blooms at the same time) for a lovely pink and white mix.	
219				1E15	Eupatorium purpureum	Woodland Joe-pye, Sweet Joe-pye Weed	5-7 ft		X	X		X			X			July - Sep	Pink	X	X			X	The vanilla-scented flowers are very attractive to butterflies and make good cut flowers.	
221*				1F2	Fragaria virginiana	Wild Strawberry	<1 ft		X			X		X	X			May	White	X	X	X		X	Provides an attractive groundcover. Produces edible fruits in the early summer.	
222				1F3	Frasera caroliniensis	American Columbo	6-8 ft	X	X		X			X	X	X		April-May	White		X				A very tall showy flower. Has been thought to have medicinal value	
227				1G10	Geranium maculatum	Wild Geranium	1-3 ft		X			X		X	X			May - June	Pink	X	X				Great in woodland gardens. Prefers rich soil.	
225				1G7	Gentiana andrewsii	Bottle Gentian	1-2	X	X			X	X	X	X			Aug-Sept	Purple		X			X	Bumblebees are the primary pollinators of the flowers, as they are one of the few insects that can force their way past the closed corolla.	
232				1G16	Geum triflorum	Prairie Smoke	1-2 ft	X	X		X	X		X	X	X		July-August	Pink		X				Spring blooming perennial, also known as three flowered avens, or old man's whiskers. It's named for the feather like whiskers it forms in the summer months	
235				1H1	Helenium autumnale	Sneezeweed	3-5 ft	X				X	X	X	X			Aug	Yellow	X	X	X		X	In the past, the powdered disk flowers and leaves of this species have been dried and used as snuff, thus giving rise to its common name.	
242*				1H5	Helianthus mollis	Downy Sunflower	2-4 ft	X			X			X	X	X		July-September	Yellow	X		X			A native sunflower. Can tolerate some shade but prefers full sun, dry conditions.	
246				1H10	Heliopsis helianthoides	False Sunflower	4-6 ft	X				X		X	X	X		July	White	X	X	X			Beautiful native sunflower.	
250				1H14	Heuchera americana	Coral bells Alumroot	1-2 ft		X	X	X			X	X	X		June-August	Yellow		X				Known for its showy leaves.	
251				1H15	Heuchera richardsonii	Prairie Alumroot	1-2 ft	X	X		X	X		X				May - July	Green					X	Grown for its leaves. Mass together to form a beautiful ground cover. Divide clumps in the spring every 3-4 yrs.	
252				1H16	Hibiscus moscheutos	Swamp Hibiscus, Swamp Rose Mallow	3-7 ft	X	X			X	X		X			July - Sep	Pink		X		X			Shrub-like plant with beautiful, large, showy flowers.

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262			111	Iris virginica	Southern Blue Flag	2-3 ft	X	X				X	X	X	X	X	May - June	Blue	X		X		X	X	Perfect for water gardens, along streams or ponds, or in low-lying areas that are subject to periodic flooding.
278*			1L10	Liatris scariosa	Northern Blazing Star	2-3ft	X	X		X			X	X			July-August	Purple	X	X		X		A drier Liatris species used to dryer conditions. Has a beautiful inflorescence of purple and pink flowers.	
279			1L11	Liatris spicata	Marsh Blazing Star	1.5-2.5 ft	X				X	X	X	X	X	July - Aug	Pink	X	X	X	X			Extremely showy spiked flowers. Usually purple; however, we occasionally grow a native version that is white. Plant in mass for a striking show.	
280*			1L12	Lillium Michiganense	Michigan Lily	3-5 ft	X	X		X	X	X	X	X	X	June-August	Orange	X			X			Common Cultivars. A unique native species easily identifiable	
282			1L19	Lobelia cardinalis	Cardinal Flower	1-3 ft	X	X	X		X	X	X	X	X	Aug	Red	X	X	X	X			Allow to self-seed for more plants. Plants tend to rot over winter - cut leaves back to the crown in late fall to prevent this.	
283*			1L22	Lobelia siphilitica	Great Blue Lobelia	1-3 ft		X			X	X	X	X	X	June - July	Blue	X	X		X			Great plant for late summer color. Beautiful when planted in mass.	
286			1L25	Lupinus perennis	Wild Blue Lupine	1-2 ft	X	X		X		X				May - June	Blue	X	X			X		This plant is hard to grow in most home gardens as it is very habitat specific. Prefers sandy soil. Plant in mass for greatest impact.	
289			1L29	Lysimachia ciliata	Fringed Yellow Loosestrife	1-4 ft			X		X	X		X		June - July	Yellow	X						Slightly toothed petals nod downwards.	
293			1M2	Maianthemum racemosum	False Solomon's seal	2-3 ft		X	X		X	X				May-June	White		X					Arching stem topped with a inflorescence of white flowers. Spreads through rhizomes.	
302			1M11	Mimulus ringens	Monkey Flower	1-3 ft	X	X			X	X	X	X	X	June - Sept	Blue	X	X					Prefers moist, rich soil. Naturalizes in optimum growing conditions by self-seeding and creeping rhizomes.	
303			1M13	Mitella diphylla	Bishop's Cap			X	X		X	X				April-June	White		X					This clump-forming plant has attractive little fringed flowers and great foliage.	
304*			1M14	Monarda fistulosa	Wild Bergamot, Beebalm	2-3 ft	X			X	X	X	X	X		Aug - Sept	Lavender	X	X	X	X	X	X	Easily cultivated. Opportunistic plant that colonizes aggressively without competition. Mix with False Sunflower, Grayhead Coneflower, and grasses for a beautiful effect.	
305			1M15	Monarda punctata	Horsemint, Spotted Beebalm	1.5-2.5 ft	X			X		X				July - Sept	Yellow	X	X					Forms clumps with attractive flowers. Drought resistant.	
317			1P2	Packera obovata	Round-leaved Ragwort	1-2 ft	X	X		X	X					May - July	Yellow	X	X			X	X	Provides a nice groundcover for sunny areas. Foliage is highly toxic to mammals.	

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322*	1P10	Penstemon digitalis	Foxglove Beardtongue	3-4 ft	X	X			X	X	X	X				June	White	X	X	X	X					Native foxglove. Adaptable plant.
323*	1P11	Penstemon hirsutus	Hairy Beardtongue	1-2 ft	X				X	X		X	X			May - July	Lavender	X	X	X	X	X				This versatile plant is excellent for home landscaping and works well as a groundcover in sunny areas.
335	1P21	Polemonium reptans	Jacob's Ladder	1-1.5 ft	X	X	X		X			X	X			April - June	Pink - Blue	X	X				X	X		Beautiful leaves & flowers. Good ground cover.
353	1P38	Pycnanthemum virginianum	Mountain Mint	2-3 ft	X				X	X	X	X	X	X		July - Sept	White	X	X				X	X		A pollinator magnet. Minty fragrance.
357	1R2	Ranunculus hispida	Swamp Buttercup	1-3 ft	X	X			X	X		X				May - June	Yellow						X	X		Excellent ground cover for rain gardens. Will spread.
360*	1R4	Ratibida pinnata	Yellow Coneflower, Grayhead coneflower	4-6 ft	X				X			X	X	X		July - Aug	Yellow with brown center	X	X	X						Benefits from growing with grasses & beebalm to provide support, or it will require staking. Plant in mass. Great for cut flowers.
363*	1E6	Rudbeckia fulgida	Orange Coneflower	1-2 ft	X				X	X		X	X	X		July - Aug	Yellow-orange with black center	X	X	X				X		Our favorite black-eyed susan for gardens. Short-lived perennial. Allow seeds to self-sow for more plants to grow. Great for cut flowers.
364*	1R7	Rudbeckia hirta	Black-eyed Susan	1-2 ft	X				X			X	X	X		July - Aug	Yellow with black center	X	X	X				X		Short-lived perennial. Allow seeds to self-sow for more plants to grow.
365	1R8	Rudbeckia laciniata	Cut-leaved Coneflower, Green-headed Coneflower	4-8 ft	X	X			X	X	X	X	X	X		July - Sept	Yellow	X	X	X				X	X	In good growing situations with plenty of moisture, plants may spread aggressively from rhizomes. Plant with Joe-pye Weed.
367	1R10	Ruellia humilis	Wild Petunia	1.5 -2 ft	X				X	X		X	X			June - Aug	Lavender	X	X							Groundcover for sunny areas. Blooms throughout hot dry summers. Native to southwest Michigan but not Kent County.
375	1S6	Scrophularia marilandica	Late Figwort	3-6 ft		X	X		X		X	X				Aug - Sept	Green & Brown		X		X	X	X			Although the flowers seem inconspicuous, they attract many pollinators. Unique seeds heads provide winter interest in the garden.
377	1S8	Senna hebecarpa	Wild Senna	3-4 ft	X	X			X	X	X	X				July - Aug	Yellow	X	X		X					Shrub-like plant excellent for home landscaping. Pollinators love its flowers. Seed pods provide winter interest.
379	1S10	Silphium integrifolium	Rosin Weed	4-6 ft	X				X		X	X	X			Aug - Sept	Yellow	X	X	X				X		Giant sunflower-like plant. Extremely drought-resistant and long-lived.
380	1S11	Silphium laciniatum	Compass Plant	3-10 ft	X				X		X	X	X			July - Sept	Yellow	X	X	X				X		Giant sunflower-like plant. Extremely drought-resistant and long-lived.
381	1S12	Silphium perfoliatum	Cup Plant	4-7 ft	X				X	X	X	X	X			July - Sept	Yellow	X	X	X	X			X		Giant sunflower-like plant. Opportunistic plant that colonizes aggressively without competition.

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382	1S13		Silphium terebinthinaceum	Prairie Dock	5-7 ft	X			X	X	X	X	X	X	X	July	Yellow	X	X	X	X		X	Giant sunflower-like plant. Extremely drought-resistant and long-lived.
383	1S14		Sisyrinchium angustifolium	Blue-eyed Grass	6-24 in	X	X			X			X		April - June	Blue	X	X						Beautiful groundcover. Should be divided every 2-3 years to promote vigor and increase its life span.
386*	1S16		Solidago caesia	Bluestem Goldenrod	1-3 ft	X	X	X	X	X			X		Aug - Oct	Yellow	X	X	X					One of our favorite goldenrods. Great for fall color in a shade garden. Plant with Big Leaf Aster.
388	1S17		Solidago flexicaulis	Zig Zag Goldenrod	2-4 ft		X	X		X			X		Aug - Oct	Yellow	X	X	X					One of our favorite goldenrods. Great for fall color in a shade garden. Plant with Big Leaf Aster.
389	1S18		Solidago gigantea	Late Goldenrod	2-8 ft	X	X			X	X		X	Aug- Oct	Yellow	X	X							Spreads by rhizomes; not suitable for a small garden setting because of its aggressive nature.
390	1S20		Solidago juncea	Early Goldenrod	3-5 ft	X	X		X	X		X	X	July - Sept	Yellow	X	X	X						May not be suitable for a small garden setting because of its aggressive nature.
391	1S21		Solidago nemoralis	Gray Goldenrod, Old Field Goldenrod	1.5-2 ft	X			X			X	X	X	Aug- Oct	Yellow		X	X					Blooms later than other goldenrods. Shorter height than most goldenrods.
392	1S22		Solidago ohioensis	Ohio Goldenrod	2-3 ft	X				X	X	X	X	X	Aug - Sept	Yellow	X	X	X			X		Compact form. Beautiful planted in mass. Excellent in moist clay.
394	1S24		Solidago riddellii	Riddell's Goldenrod	Up to 3 ft	X				X	X	X	X	X	Aug - Sept	Yellow	X	X	X					Beautiful planted in mass. Tolerates and may prefer calcareous soils, which are alkaline with a pH of 7-8.
395	1S25		Solidago rigida	Stiff Goldenrod	2-4 ft		X		X			X	X	X	Aug - Sept	Yellow	X	X	X					One of our favorite goldenrods. Soft, gray leaves and showy flowers that bloom for many weeks.
398	1S28		Solidago speciosa	Showy Goldenrod	2-4 ft		X		X	X		X	X	Sept - Oct	Yellow	X	X	X						One of our favorite goldenrods. Showy flowers that bloom late in the season. An important food source for bees.
	1S30		Solidago ulmiflora	Elm leaved Goldenrod	1-3ft	X	X		X	X		X	X	July-Sept	Yellow	X	X	X				X	X	Elm-leaved Goldenrod grows on shaded slopes, dry woods such as oak forests, bluffs, thickets, and shaded river banks. It prefers partial shade and dry to mesic conditions.
402	1S33		Styloporum diphyllum	Wood Poppy	1-1.5		X	X	X	X			X	May-June	Yellow		X							Plants will go dormant in early summer if soils dry out. Will naturalize easily by self-seeding in optimum growing conditions.
409	1S42		Symphotrichum novae-angliae	New England Aster	4-5 ft	X				X	X		X	Sep - Oct	Purple with orange center	X	X							Our flowers bloom pink or purple. Plant this tall aster in the back of the garden with other tall plants that can support it.

C U C	K U C	S U S	N E E	Scientific name	Common name	Height (ft.)	SUN			WATER			SOIL				BLOOM		Attract				Resist		Notes		
							Full	Part	Shade	Dry	Avg	Wet	Sand	Loam	Clay	Muck	Time	Color	Butterfly	Bee	Songbird	Hummingbird	Deer	Rabbit			
410	1S43			Symphotrichum oolentangiense	Prairie Heart-leaved Aster	2-4 ft	X			X			X	X	X		Aug - Sep	Blue with yellow center	X	X							Drought tolerant. One of our favorite asters for home gardens.
	1S47			Symphotrichum urophyllum	Arrow-leaved aster	1-4ft	X	X		X	X		X	X			Aug-Oct	White w/ pink center	X	X							Arrow leaf Aster grows in open savanna, wooded hillsides, fields, and open woods. It only produces fertile seeds via cross-pollination by insects.
419	1T5			Thalictrum dasycarpum	Purple Meadow Rue, Tall Meadow Rue	4-5 ft	X	X		X	X		X	X	X		May - June	White		X				X	X	Features lacy, fine-textured, medium green, compound foliage (superficially resembling columbine or maidenhair fern). Good background plant in mass.	
422	1T7			Tiarella cordifolia	Foam Flower	10-12		X	X	X	X		X	X	X		May-July	White	X	X							A Herbaceous perennial known for it's cultivars. Flowers cover the stem similar to a liatris or lupin.
424	1T8			Tradescantia ohiensis	Ohio Spiderwort	2-4 ft	X			X	X		X	X			May - July	Blue		X						Flower opens up for only one day. Forms clumps. Cut back to 6-12" in mid-summer to encourage new growth and a possible fall bloom.	
435	1V1			Verbena hastata	Blue Vervain	3-5 ft	X			X	X		X	X	X		July - Sep	Purple	X	X	X			X		Short-lived perennial. Self-seeds readily. Seeds are a food of birds and small mammals.	
436	1V2			Verbena stricta	Hoary Vervain	2-5 ft	X			X			X	X			May - Sep	Blue-purple	X	X		X		X		Short-lived perennial. Self-seeds readily. Seeds are a food of birds and small mammals.	
437	1V3			Vernonia missurica	Missouri Ironweed	3-6 ft	X			X	X		X	X	X		July - Aug	Magenta	X	X				X	X	Forms colonies and may become aggressive in small gardens.	
440	1V5			Veronicastrum virginicum	Culver's Root	3-6 ft	X			X	X		X	X			July - Sep	White	X	X						Beautiful cut flower. Excellent choice for middle or back of a garden bed.	
450	1Z1			Zizia aurea	Golden Alexander	2-3 ft	X	X	X	X	X		X	X	X		May - June	Yellow	X	X						Excellent for a native garden because it tolerates a variety of conditions. Allow space and it will form beautiful compact plants. Good replacement for hostas. Beautiful cut flowers.	

Grasses, Sedges & Rushes

609	2B1			Bouteloua curtipendula	Side oats grama	2ft	X			X	X		X	X	X		Aug-Oct	Yellow			X						A hardy, medium-sized bunch grass that produces interesting waterfall like side-flowering stalks in late summer.
614	2B6			Bromus latiglumis	Ear-leaved brome	1-5ft		X	X	X	X		X	X	X		July-Aug	Green/white			X		X	X		Perennial that grows in thickets, forested floodplains and ravines, and on river banks. It provides habitat for small mammals and birds.	
727	2C16			Carex blanda	Wood Sedge, Common Woodland Sedge	1.5-2 ft	X	X	X	X	X		X	X	X		May - June	Green			X		X			Works well under trees and will spread.	

C	P	N	S	E	Z	Scientific name	Common name	Height (ft.)	SUN			WATER			SOIL				BLOOM		Attract				Resist		Notes	
									Full	Part	Shade	Dry	Avg	Wet	Sand	Loam	Clay	Muck	Time	Color	Butterfly	Bee	Songbird	Hummingbird	Deer	Rabbit		
728						Carex brevior	Plains Oval Sedge	1-3 ft	X			X			X				May - June	Green					X	X	More drought-resistant than most sedges, good for sunny gardens.	
729						Carex Bromoides	Brome-like Sedge	1-2ft		X	X		X	X	X	X			May-June	Green					X	X	An attractive shorter Carex. It has deep green color tones and clumps well. Great for a part sun edge garden.	
735						Carex eburnea	Ivory Sedge, Bristle-leaved Sedge	0.5-1 ft		X	X		X		X	X	X		May - July	Green					X		A wonderful groundcover as it forms small clumps and spreads via rhizomes. Green all year long.	
736						Carex gracillima	Graceful Sedge	3 ft		X	X		X	X		X			May - June	Green					X		Cool season sedge. Attractive seed head. Deadhead after seeds are set.	
737						Carex grayi	Gray's Sedge, Bur Sedge	2-3 ft	X	X			X	X		X			May - Oct	Green					X		Attractive seed head. One of our favorite sedges.	
739						Carex hystericina	Porcupine Sedge, Bottlebrush Sedge	0.5-1.5ft	X	X				X	X	X	X	X	May - June	Green	X		X					A short wetland species that produces notably thick pendant spikes in late spring.
744						Carex lupulina	Hop Sedge	3 ft		X				X	X	X	X		June - Aug	Green			X		X		Attractive sedge perfect for rain gardens.	
745						Carex lurida	Sallow Sedge	3 ft	X	X			X	X		X			May - Oct	Green	X		X		X		Attractive seed head.	
747						Carex muskingumensis	Palm Sedge	1-3ft	X	X			X	X	X	X			May-June	Green	X		X		X	X	Native to woodland lowlands; does best in moist shaded areas. Thrives in clay. One of our favorite sedges. Mix with ferns.	
749						Carex Plantaginea	Plantain leaf sedge	1ft		X	X	X	X	X	X	X			April-June	Green					X	X	Has purple-red bases and flowers early in the spring. Great for adding texture and evergreen color to woodland gardens. One of the wider leaved Carex species.	
754						Carex rosea	Golden Star Sedge, Rosy Sedge	1ft		X	X	X	X	X	X	X			June	Green					X		Great for landscaping; use as a groundcover. Fine, narrow leaves.	
759						Carex Stricta	Tussock Sedge	2-3ft	X				X	X	X	X		X	May-June	Green	X		X		X	X	Grows in tufts. Collects water as the tufts increase, allowing other water plants to grow.	
764						Carex vulpinoidea	Fox Sedge	3 ft		X	X		X	X	X	X	X		May - June	Green	X		X		X	X	Strong, dense clumping sedge. One of our favorite sedges to grow.	
619						Diarrhena obovata	Beakgrass	2-3ft			X		X	X		X			July - Aug	Green			X		X		Very attractive, dark green grass with shiny foliage and brown seeds.	

C	P	N	S	E	S	Scientific name	Common name	Height (ft.)	SUN			WATER			SOIL				BLOOM		Attract				Resist		Notes			
									Full	Part	Shade	Dry	Avg	Wet	Sand	Loam	Clay	Muck	Time	Color	Butterfly	Bee	Songbird	Hummingbird	Deer	Rabbit				
624					2E7	Elymus hystrix	Bottlebrush Grass	3-4 ft		X	X		X			X	X			June - July	Green			X						Plant multiples for best showing.
630					2E14	Eragrostis spectabilis	Purple Lovegrass	Up to 1 ft	X			X			X	X			June - July	Green	X		X			X			This drought-tolerant grass has foliage that turns purplish-red in the fall. Seed heads break off and "tumble." Plant in waves for greatest impact.	
634					2K1	Koeleria macrantha	Junegrass	2ft	X	X		X	X		X	X			May-June	Green					X	X		Tight tufts of leaves hold their shape well. An attractive shorter ornamental grass. Cool season grass.		
637					2P3	Panicum virgatum	Switchgrass	4-5 ft		X		X	X	X	X	X	X		July - Aug	Green	X		X						Great grass for landscaping. as it forms large clumps.	
641					2S2	Schizachyrium scoparium	Little Bluestem	1-3 ft	X			X	X		X	X	X		Aug	Green	X		X			X		One of our favorite grasses for a home garden. Attractive throughout the seasons. Plant in mass.		
705					2S7	Scripus atrovirens	Green Bulrush	4-5 ft	X	X			X	X	X	X	X		July - Aug	Green to Brown			X	X				Naturalizes by creeping rhizomes; if left undisturbed will spread to form colonies		
643					2S15	Sorghastrum nutans	Indiangrass	4-7	X			X	X		X	X	X		Aug	Green	X		X		X	X		A handsome grass with chestnut brown seed heads emerging in late summer.		
647					2S23	Sporobolus heterolepis	Prairie Dropseed	2-3 ft	X			X	X		X	X	X		Aug-Sep	Pink			X			X		Plant this showy, warm season grass in mass plantings along garden edges for a lovely sight. One of our favorite grasses.		
648					2T2	Tridens flavus	Purpletop	2-4 ft	X			X			X	X	X		July - Aug	Green	X		X					Hardy plant. Purple seed heads.		

Shrubs & Vines

801					3A3	Amorpha canescens	Leadplant	1-3 ft	X			X	X		X	X	X		June - Aug	Purple	X	X	X			X		A great small shrub for a home garden with interesting foliage, flowers & seed heads.
976					5C1	Clematis virginiana	Wild Clematis, Virgin's Bower	2-15ft	X				X	X	X	X	X		Aug - Sep	White	X	X		X				This native vine is great for trellises, mailboxes, and fences. Plants are dioecious; if you want seed, plant at least 3-5 vines near each other so there is opportunity for pollination.
815					3D1	Dasiphora fruticosa	Shrubby cinquefoil	1-3ft	X			X	X	X	X	X			June-frost	Yellow	X	X			X	X		Attractive woody shrub with gray-green compound leaves. Prefers well-drained soil.
832					3P1	Physocarpus opulifolius	Ninebark	3-8ft	X	X		X	X	X		X	X		June-July	White	X	X	X					Shrub with beautiful white flowers. Drought & salt tolerant. Easy to shape; can be used as a low hedge or in rock gardens. Prefers rocky soil.
844					3R15	Rosa palustris	Swamp Rose	2-8ft	X	X		X	X	X	X	X	X		June-July	Pink			X			X	X	Shrub. One of our only native roses. Flowers produce rose hips.