

Pay Item #	Habit	Category	Genus	Species	Cultivar	Common Name	Light	Height	Spread	Bloom Time	Sandy Soils	Clay soils	Wet Soils	Dry Soils	Drought Tolerant	Prevents Erosion	Evergreen/Deciduous	USDA Hardiness Zone	MI Native	US Native	Various cultivars avail?	Cultivar notes	Clear vision	Plant Community	Upland (U)	Wetland (W)	MSU Proven	Notes	
N/A	Upright	Aquatic	Alisma	plantago-aquatica		Water plantain	Full sun-part shade	1-2 ft		Summer							N/A	5 to 9	Y	Y								Can grow in water that is up to 18 inches deep	
N/A	Upright	Aquatic	Decodon	verticillatus		Swamp loosestrife	Full Sun	6-8 ft	6-8 ft	Summer			X				N/A	3 to 9	Y	Y									
N/A	Clumping	Aquatic	Iris	versicolor		Northern blueflag	Full sun-part shade	2-2.5 ft	2-2.5 ft	Summer					X		N/A	3 to 9	Y	Y		Y						Grows in water ut to 4 inches deep	
N/A	Rhizomatic	Aquatic	Iris	virginica		Virginia blueflag	Full Sun	1-3 ft	1-3 ft	Summer	X		X		X		N/A	5 to 9	Y	Y		N						Can be grown in shallow or standing water (up to 6 inches), spreads by rhizomes	
N/A	Upright	Aquatic/Grass	Juncus	effusus		Common rush	Full Sun	2-4 ft	2-4 ft	Summer							N/A	4 to 9	Y	Y		N						Grows in up to 4 inches of water	
N/A	Upright	Aquatic/Grass	Juncus	torreyi		Torrey's sedge	Full Sun	2-3 ft	2-3 ft	Summer	X	X	X				N/A	4+	Y	Y		N							
N/A	Rhizomatic	Aquatic	Nelumbo	lutea		American lotus	Full Sun	3-6 ft	3-4 ft	Summer							N/A	4 to 10	Y	Y		N						Hardy as long as roots do not freeze, can be grown in up to 24 inches of water	
N/A	Rhizomatic	Aquatic	Nuphar	advana		Yellow pond lily	Full sun-part shade	2-3 ft	1-2 ft	Summer							N/A	4+	Y	Y		N							
N/A	Clumping	Aquatic	Peltandra	virginica		Green arrow arum	Full sun-part shade	1.5-2 ft	1.5-2 ft	Summer			X				N/A	5 to 9	Y	Y		Y						Grows in up to 6 inches of water	
N/A	Rhizomatic	Aquatic	Pontederia	cordata		Pickereeweed	Full Sun	2-4 ft	1.5-2 ft	Summer-Fall			X				N/A	3 to 10	Y	Y		N						Grows in less than 5 inches of water	
N/A	Rhizomatic	Aquatic	Sagittaria	latifolia		Duck-potato	Full Sun	1-4 ft	1-3 ft	Summer							N/A	5 to 10	Y	Y		N						Grows in 6-12 inches of water	
N/A	Rhizomatic	Aquatic	Sagittaria	rigida		Stiff arrowhead	Full Sun	2 ft	3 ft	Summer	X		X				N/A	6 to 9	Y	Y		Y							
N/A	Rhizomatic	Aquatic	Schoenoplectus	acutus		Hard-stem bulrush	Full Sun	3-9 ft		Summer							N/A	4 to 6	Y	Y		N							
N/A	Rhizomatic	Aquatic	Schoenoplectus	pungens		Three square bulrush	Full Sun	1-4 ft	1 ft	Summer	X		X				N/A	4+	Y	Y		N							
N/A	Rhizomatic	Aquatic	Schoenoplectus	tabernaemontani		Soft-stem bulrush	Full Sun	4-8 ft	3-6 ft	Summer							N/A	4 to 9	Y	Y		N							
N/A	Rhizomatic	Aquatic	Typha	latifolia		Cat-tail	Full sun-part shade	4-6 ft	4-6 ft	Summer							N/A	3 to 10	Y	Y		N							Grows in 12 or less inches of water, can self seed
N/A	Rhizomatic	Grass	Acorus	calamus		Sweet flag	Full sun to part shade	2-2.5 ft	2 ft	N/A			X				N/A	4 to 10	Y	Y		Y							
N/A	Rhizomatic	Grass	Ammophila	breviligulata		Beach grass	Full sun	2-4 ft	1 ft	Summer	X			X			N/A	4+	Y	Y		N							
N/A	Clumping	Grass	Andropogon	gerardii		Big Bluestem	Full sun	4-6 ft	2-3 ft	Fall				X	X		N/A	4 to 9	Y	Y		Y							
N/A	Clumping	Grass	Bouteloua	curtipendula		Side-oats grama	Full sun	1.5-2.5 ft	1.5-2 ft	Summer				X	X		N/A	4 to 9	Y	Y		Y							
N/A	Clumping	Grass	Bouteloua	gracilis		Blue grama	Full sun	1-2 ft	1 ft	Summer				X	X		N/A	3 to 10	Y	Y		Y							
N/A	Clumping	Grass	Calamagrostis	canadensis		Bluejoint	Full sun to part shade	2-5 ft	3-4 ft	Summer	X	X	X				N/A		Y	Y		N							
8150603	Clumping	Grass	Calamagrostis	x acutifolia		Feather reed grass	Full sun	3-5 ft	1.5-2 ft	Summer		X	X				N/A	5 to 9	N	N									Karl Foerster's: br N
N/A	Rhizomatic	Grass	Carex	eburnea		Bristleleaf sedge	Part shade -full shade	5-1 ft	5-1 ft	Spring	X		X			X	N/A	2 to 8	Y	Y									
N/A	Rhizomatic	Grass	Carex	grayi		Gray's sedge	Full sun-part shade	2-3 ft	1.5-2 ft	Summer-fall			X				N/A	5 to 9	Y	Y		Y							
N/A	Rhizomatic	Grass	Carex	montana		Mountain sedge	Full sun to part shade	8-10"	1-2 ft	Spring	X			X	X		N/A		4 N	7		Y							
8150703	Rhizomatic	Grass	Carex	morrowii		Sedge	Part shade -full shade	1 ft	1-2 ft	Summer				X	X		N/A	5 to 9	N	N		Y							
N/A	Rhizomatic	Grass	Carex	pensylvanica		Sedge	Part shade -full shade	5-1 ft	5-1 ft	Spring			X				N/A	3 to 8	Y	Y		Y							
N/A	Rhizomatic	Grass	Carex	platyphylla		Silver sedge	Full sun-part shade	1 ft	1 ft	Spring							N/A	4 +	Y	Y		Y							
N/A	Rhizomatic	Grass	Carex	stricta		Upright sedge	Full sun to part shade	1-3 ft	1-2 ft	Summer			X				N/A	3 to 8	Y	Y		Y							
N/A	Rhizomatic	Grass	Carex	vulpinoidea		Fox sedge	Full sun to part shade	1-3 ft	0.5-2 ft	Summer			X				N/A	3 to 7	Y	Y		Y							
8150819	Clumping	Grass	Chasmanthium	latifolium		Indian woodoats	Full sun to part shade	2-5 ft	1.2-5 ft	Fall							N/A	4 to 8	Y	Y		N							
N/A	Clumping	Grass	Deschampsia	cespitosa		Tufted hair grass	Part Shade	2-3 ft	1-2 ft	Summer							N/A	4 to 9	Y	Y		Y							
N/A	Clumping	Grass	Elymus	canadensis		Nodding wild rye	Full sun	2-5 ft	2-3 ft	Summer							N/A	3 to 8	Y	Y		Y							
8151451	Clumping	Grass	Festuca	glauca		Blue Fescue	Full sun	1 ft	.5 ft	Summer		X	X				N/A	4 to 8	N	N		N							
N/A	Rhizomatic	Grass	Hakonechloa	macra		Japanese forest grass	Part shade	1-1.5 ft	1-1.5 ft	Summer							N/A	5 to 9	N	N		Y							
8152388	Clumping	Grass	Miscanthus	sinesis		Japanese silver grass	Full sun-part shade	4-7 ft	3-6 ft	Summer-fall	X	X		X	X		N/A	5 to 9	N	N									
N/A	Clumping	Grass	Mollina	caerulea		Purple moor grass	Full sun	1-2 ft	1-2 ft	Summer			X				N/A	4 to 9	N	N		Y							
N/A	Clumping	Grass	Muhlenbergia	reverchonii		Ruby muhlygrass	Full sun	2-3 ft	1.5-2 ft	Fall				X			N/A	5 to 9	N	Y		Y							
N/A	Clumping	Grass	Muhlenbergia	capillaris		Pink muhlygrass	Full sun-part shade	2-3 ft	2-3 ft	Fall			X				N/A	5 to 9	N	Y		Y							
8152552	Clumping	Grass	Panicum	virgatum		Switchgrass	Full sun-part shade	3-6 ft	2-3 ft	Summer			X	X	X		N/A	5 to 9	Y	Y		Y							
8152649	Clumping	Grass	Pennisetum	alopecuroides		Fountain grass	Full sun-part shade	2.5-5 ft	2.5-5 ft	Summer-fall			X	X	X		N/A	6 to 9	N	N		Y							
N/A	Clumping	Grass	Pennisetum	orientale		Carpet grass	Full sun-part shade	2-3 ft	2-3 ft	Summer				X	X		N/A	5 to 8	N	N		Y							
8153406	Clumping	Grass	Schizachyrium	scoparium		Little bluestem	Full Sun	2-4 ft	1.5-2 ft	Fall			X	X	X		N/A	3 to 9	Y	Y		Y							
N/A	Clumping	Grass	Sesleria	autumnalis		Autumn Moor grass	Full sun-part shade	1 ft	1 ft	Fall			X	X	X		N/A	5 to 8	N	N		Y							
8153557	Clumping	Grass	Sorghastrum	nutans		Indian grass	Full sun	3-5 ft	1-2 ft	Fall				X	X		N/A	4 to 9	Y	Y		Y							
N/A	Rhizomatic	Grass	Spartina	pectinata		Cord grass	Full sun to part shade	4-7 ft	4-7 ft	Summer			X	X	X		N/A	4 to 9	Y	Y		Y							
N/A	Clumping	Grass	Sporobolus	compositus		Tall dropseed	Full sun	3 ft	1-2 ft	Fall	X			X	X		N/A	3 to 9	Y	Y		3 Y							
8153644	Clumping	Grass	Sporobolus	heterolobus		Peairie Dropseed	Full sun	2-3 ft	2-3 ft	Fall		X		X	X		N/A	3 to 9	Y	Y		Y							
N/A	Upright	Herbaceous	Achillea	millefolium		Yarrow	Full Sun	2-3 ft	2-3 ft	Summer			X	X	X		N/A	3 to 9	N	N		N							
N/A	clumping	Herbaceous	Adiantum	pedatum		Maidenhair fern	Part shade -full shade	1-2 ft	1 ft	N/A							N/A	3 to 8	Y	Y		Y							
N/A	clumping	Herbaceous	Alchemilla	mollis		Lady's Mantle	Full sun-part shade	1-1.5 ft	1.5-2.5 ft	Summer							N/A	3 to 8	N	N		Y							
N/A	clumping	Herbaceous	Allium	tanguticum		Ornamental chive	Full sun-part shade	1 ft	1 ft	Summer			X	X			N/A	4 to 8	N	N		Y							
N/A	clumping	Herbaceous	Allium	cernuum		Nodding onion	Full sun-part shade	1 ft	.5 ft	Summer			X	X	X		N/A	4 to 8	Y	Y		Y							
N/A	Upright	Herbaceous	Amsonia	ciliata		Blue Star	Full sun-part shade	2-3 ft	2-3 ft	Spring	X						N/A	5 to 9	N	Y		N							
N/A	Upright	Herbaceous	Amsonia	hubrichtii		Blue Star	Full sun-part shade	2-3 ft	2-3 ft	Spring							N/A	5 to 8	N	Y		N							
N/A	Upright	Herbaceous	Amsonia	tabernaemontana		Blue Star	Full sun-part shade	2-3 ft	2-3 ft	Spring		X		X			N/A	3 to 9	N	Y		N							
N/A	Clumping	Herbaceous	Anemone	canadensis		Thimbleweed	Full sun-part shade	1-2 ft	2 ft	Spring		X	X				N/A	4 to 8	Y	Y									

