

Species Information Summary Table

The information provided in this table is a condensed format designed to be used as a quick reference for users of this Guide. The data provided in the tables is not a complete profile for each species. Users are advised to consult the specific species descriptions for a comprehensive description and evaluation for a particular application.

Scientific Name	Common Name	Preferred Water Depth	Application/Zone	Mature Height	Plant Type	Indicat or Status	Nutrient Load Tolerance	Salt Tolerance	Siltation Tolerance	Light Preference	Seeding Rate (lbs/acre)
<i>Acorus calamus</i>	Sweet Flag	6-20 in.	Lower shoreline, veg. swales	2-6 ft.	Perennial emergent herb	OBL	Low	Low	Low	Partial to full sun	0.006-0.25
<i>Alisma subcordatum</i>	Common Water Plantain	0-6 in.	Upper and lower shoreline, stream banks, veg. swales	0.3-3.3 ft.	Perennial emergent herb	OBL	Moderate	Moderate	High	Full sun	0.06-0.5
<i>Andropogon gerardii</i>	Big Bluestem	Moist to Mesic	Upland buffers	3-9 ft.	Perennial grass	FAC-	Low	Low	Low	Full sun	2
<i>Aster laevis</i>	Smooth Blue Aster	Mesic to Dry	Upland buffers	3-5 ft.	Perennial herb	[UPL]*	Low	Low	Low to Moderate	Partial to full sun	0.02-0.125
<i>Aster lanceolatus</i>	Panicled Aster	Moist to Saturated	Upper shoreline, upland buffers, veg. swales	2-4 ft.	Perennial herb	FACW	Moderate	Moderate	High	Partial to full sun	0.06
<i>Aster novae-angliae</i>	New England Aster	Moist to Wet Mesic	Upper shoreline, upland buffers	1-6.5 ft.	Perennial herb	FACW	Moderate	Low	Moderate	Partial to full sun	0.03-0.2
<i>Bidens cernua</i>	Nodding Beggarsicks	Saturated	Upper shoreline, veg. swales	0.3-3.3 ft.	Annual emergent herb	OBL	Moderate	Low to Moderate	Moderate to High	Partial to full sun	0.25-0.5
<i>Bidens frondosa</i>	Common Beggarsicks	Moist	Upper shoreline, upland buffers, veg. swales	0.7-4.0 ft.	Annual emergent herb	FACW	Moderate	Moderate to High	High	Partial to full sun	0.125
<i>Bouteloua curtipendula</i>	Side-Oats Grama	Mesic to Dry	Upland buffers	1-3 ft.	Perennial tufted grass	UPL	Low	Not Tolerant	Low	Full sun	5
<i>Calamagrostis canadensis</i>	Blue Joint Grass	Saturated	Upper shoreline, veg. swales	2-5 ft.	Perennial grass	OBL	Low	Low	Moderate	Full sun	0.03-0.06

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<i>Carex comosa</i>	Bristly Sedge	0-12 in.	Upper shoreline	1.5-4.0 ft.	Perennial sedge	OBL	Low	Low	Not Tolerant	Partial to full sun	0.125
<i>Carex cristatella</i>	Crested Oval Sedge	Moist	Upper shoreline, veg. swales	Up to 3 ft.	Perennial sedge	FACW+	Moderate	Not Available	Low	Partial to full sun	0.125
<i>Carex granularis</i>	Pale Sedge	Moist	Upper shoreline	0.5-2.0 ft.	Perennial sedge	FACW+	Low to Moderate	Low	Not Tolerant	Partial to full sun	0.031
<i>Carex lanuginosa</i>	Woolly Sedge	Moist	Upper shoreline, veg. swales	1-3 ft.	Perennial sedge	OBL	Moderate to High	Low	Moderate	Full sun	Not Available
<i>Carex stipata</i>	Awl-fruited Sedge	Moist	Upper shoreline, veg. swales	Up to 3 ft.	Perennial sedge	OBL	High	Low to Moderate	Moderate	Partial to full sun	0.125
<i>Carex vulpinoidea</i>	Fox Sedge	6 inches or less	Upper shoreline, streambanks, veg. swales	1-3 ft.	Perennial sedge	OBL	Moderate to High	Low to Moderate	Moderate	Partial to full sun	0.06-0.5
<i>Callis occidentalis</i>	Hackberry	Spring flooding, Moist	Upper shoreline, streambanks, upland buffers	Up to 80 ft.	Deciduous tree	FAC-	Moderate	Moderate	Low to Moderate	Shade tolerant	Not Applicable
<i>Cephalanthus occidentalis</i>	Common Buttonbush	2-3 ft.	Upper and lower shoreline, streambanks	3-10 ft.	Deciduous shrub	OBL	Moderate	Moderate to High	Moderate	Partial to full sun	Not Applicable
<i>Coreopsis tripteris</i>	Tall Coreopsis	Moist to Mesic	Upland buffers	3-10 ft.	Perennial herb	FAC	Low	Not Available	Low	Partial to full sun	Not Available
<i>Cornus racemosa</i>	Gray Dogwood	Moist to saturated	Upper shoreline, streambanks, upland buffers	Up to 8 ft.	Deciduous multistem shrub	[FACW-]*	Moderate to High	Low	Moderate to High	Partial to full sun	Not Applicable
<i>Cornus sericea</i>	Red Osier Dogwood	Saturated	Upper shoreline, streambanks, upland buffers	3-9 ft.	Deciduous shrub	FACW	Moderate to High	Not Tolerant	Moderate to High	Partial to full sun	Not Applicable
<i>Cyperus esculentus</i>	Field Nut Sedge	Seasonal flooding, up to 1 ft.	Upper and lower shoreline	1-2 ft.	Perennial sedge	FACW	High	Low	High	Full sun	Not Available
<i>Eleocharis obtusa</i>	Blunt Spike Rush	Saturated	Upper shoreline, streambanks, veg. swales	12-18 in.	Annual tufted herb	OBL	Moderate to High	Low to Moderate	Low	Full sun	0.02-0.4
<i>Eleocharis smallii</i>	Creeping Spike Rush	Saturated	Upper shoreline, streambanks	12-18 in.	Perennial herb	OBL	Low	Moderate	Low	Full sun	0.02-0.4
<i>Elymus canadensis</i>	Nodding Wild Rye	Mesic	Upper shoreline, streambanks, upland buffer, veg. swales	3-6 ft.	Perennial grass	FAC-	Low	Not Available	Low	Partial to full sun	0.02-2.0
<i>Elymus virginicus</i>	Virginia Wild Rye	Moist	Upper shoreline, streambanks, upland buffer, veg. swales	Up to 3 ft.	Perennial grass	FACW-	Moderate	Not Available	Moderate	Shade tolerant to full sun	0.06-1.0
<i>Eupatorium maculatum</i>	Spotted JoePye Weed	Moist to 6 in. of water	Upper shoreline, veg. swales	4-6 ft.	Perennial herb	OBL	Low	Not Available	Low	Full sun	0.06-2.0

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<i>Eupatorium perfoliatum</i>	Common Boneset	Moist to 6 in. of water	Upper shoreline, veg. swales	2-3 ft.	Perennial herb	FACW+	Low to Moderate	Not Available	Low to Moderate	Full sun	0.125
<i>Fraxinus pennsylvanica</i>	Green Ash	0-24 in./Periodic	Streambanks, upland buffers	Up to 60 ft.	Deciduous tree	FACW	High	Moderate	High	Shade tolerant	Not Applicable
<i>Glyceria striata</i>	Fowl Manna Grass	Moist to saturated	Upper shoreline, streambanks, veg. swales	1-4 ft.	Perennial grass	OBL	Low to Moderate	Low	Moderate	Full shade to partial sun	0.06-0.5
<i>Helianthus autumnale</i>	Common Sneezeweed	Moist to saturated	Upper shoreline, streambanks, veg. swales	3-5 ft.	Perennial herb	FACW+	Moderate to High	Not Available	Moderate to High	Partial to full sun	0.12-0.5
<i>Helianthus grosseserratus</i>	Sawtooth Sunflower	Moist to saturated	Upper shoreline, veg. swales	3-13 ft.	Perennial herb	FACW-	Moderate	Moderate	Moderate	Full sun	Not Available
<i>Iris virginica</i>	Blue Flag Iris	Moist to saturated	Lower shorelines, veg. swales	up to 2.5 ft.	Perennial emergent herb	OBL	Moderate	Not Tolerant	Moderate	Partial to full sun	0.06-0.25
<i>Juncus effusus</i>	Common Rush	Moist to a few in. of water	Upper and lower shorelines, veg. swales	1.0-3.5 ft.	Perennial emergent herb	OBL	Moderate	Low	Moderate	Partial to full sun	Not Available
<i>Juncus torreyi</i>	Torrey's Rush	Moist to saturated	Upper shoreline, veg. swales	Up to 3 ft.	Perennial herb	FACW	Moderate	Low	Moderate	Partial to full sun	0.006-0.125
<i>Leersia oryzoides</i>	Rice Cut Grass	Moist to saturated	Upper shorelines, streambanks, veg. swales	3-5 ft.	Perennial emergent grass	OBL	Moderate to High	Low	Moderate	Partial to full sun	0.1-0.25
<i>Monarda fistulosa</i>	Wild Bergamot	Mesic	Upland buffers	Up to 3 ft.	Perennial herb	FACU	Moderate	Not Available	Low to Moderate	Partial to full sun	0.125-1.0
<i>Panicum virgatum</i>	Switch Grass	Mesic	Streambanks, upland buffers	Up to 6.5 ft.	Perennial grass	FAC+	Low to Moderate	Moderate	Low to Moderate	Full sun	0.25-1.0
<i>Petalostemum purpureum</i>	Purple Prairie Clover	Mesic	Upland buffers	1-3 ft.	Perennial herb	UPL	Low	Not Available	Low	Full sun	0.25
<i>Polygonum amphibium</i>	Water Smartweed	Moist or up to 20 in. of water	Lower shoreline	Up to 3 ft.	Perennial emergent herb	OBL	Moderate	Low	Moderate to High	Partial to full sun	0.5-1.5
<i>Pycnanthemum virginianum</i>	Common Mountain Mint	Moist to saturated	Upper shoreline, upland buffers, veg. swales	1.6-3 ft.	Perennial herb	FACW+	Moderate	Not Available	Low to Moderate	Full sun	0.02-0.06
<i>Quercus bicolor</i>	Swamp White Oak	Moist	Upper shoreline, upland buffers	50-70 ft.	Deciduous tree	FACW+	Low	Low	Low	Full sun	Not Applicable
<i>Quercus macrocarpa</i>	Bur Oak	Moist to Mesic	Upland buffers	60-70 ft.	Deciduous tree	FAC-	Low to High	Low	Low to Moderate	Full sun	Not Applicable
<i>Quercus palustris</i>	Pin Oak	Moist to saturated	Upland buffers	Up to 75 ft.	Deciduous tree	FACW	Low	Low to Moderate	Low	Full sun	Not Applicable
<i>Ratibida pinnata</i>	Yellow Cone Flower	Mesic	Upland buffers	Up to 3 ft.	Perennial herb	UPL	Low to Moderate	Not Available	Low	Full sun	Not Available

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<i>Rudbeckia hirta</i>	Black-Eyed Susan	Mesic to saturated	Upland buffers	1-2 ft.	Perennial herb	FACU	Low to Moderate	Not Available	Low	Partial to full sun	0.125-0.3
<i>Sagittaria latifolia</i>	Broadleaf Arrowhead	6-20 in.	Lower shoreline	Up to 1.5 ft.	Perennial emergent herb	OBL	Moderate	Low	Low	Partial to full sun	0.12-0.19
<i>Salix amygdaloides</i>	Peachleaf Willow	Moist to saturated	Upper shoreline, streambanks	Up to 40 ft.	Deciduous shrub	FACW	Low to Moderate	Moderate	Low to Moderate	Partial to full sun	Not Applicable
<i>Salix nigra</i>	Black Willow	Moist to saturated	Upper shoreline, streambanks	Up to 90 ft.	Deciduous tree	OBL	Moderate to High	Low	Moderate	Full sun	Not Applicable
<i>Schizachyrium scoparium</i>	Little Bluestem	Dry to mesic	Upland buffers	2-3 ft.	Perennial grass	FACU-	Low	Not Available	Low	Full sun	1.0-6.0
<i>Scirpus acutus</i>	Hardstem Bulrush	Saturated to 3 ft. water	Lower shoreline, veg. swales	3.5-9.3 ft.	Perennial emergent herb	OBL	Low to Moderate	Moderate to High	Low to Moderate	Full sun	0.06-0.25
<i>Scirpus americanus</i>	Chairmaker's Rush	Saturated to 16.5 in. water	Lower shoreline, streambanks, veg. swales	Up to 4 ft.	Perennial emergent herb	OBL	Low	High	Low to Moderate	Full sun	0.06-0.125
<i>Scirpus fluviatilis</i>	River Bulrush	Moist up to 30 in. water	Lower shoreline, veg. swales	5-7 ft.	Perennial emergent herb	OBL	Moderate to High	Low to Moderate	High	Partial to full sun	0.06-0.125
<i>Scirpus tabernaemontani</i>	Soft-stem Bulrush	12-20 in.	Lower shoreline, veg. swales	3-9 ft.	Perennial emergent herb	OBL	Moderate	Low to Moderate	Moderate	Full sun	0.06-0.25
<i>Stiphium laciniatum</i>	Compass Plant	Mesic	Upland buffers	Up to 10 ft.	Perennial herb	UPL	Low	Not Available	Low	Full sun	0.03-0.19
<i>Stiphium terebinthinaceum</i>	Prairie Dock	Mesic to Moist	Upland buffers	Up to 10 ft.	Perennial herb	FAC-	Low to Moderate	Low	Low to Moderate	Full sun	0.03-0.19
<i>Solidago gigantea</i>	Late Goldenrod	Moist to saturated	Upper shoreline, streambanks, veg. swales	Up to 8 ft.	Perennial herb	FACW	Moderate to High	Not Available	Moderate	Full sun	0.125
<i>Solidago rigida</i>	Stiff Goldenrod	Dry to mesic	Upland buffers	Up to 6 ft.	Perennial herb	FACU-	Low to Moderate	Low	Low	Full sun	0.06-0.3
<i>Sorghastrum nutans</i>	Indian Grass	Mesic	Upland buffers	4-8 ft.	Perennial grass	FACU+	Low	Not Available	Low to Moderate	Full sun	2.5-6.0
<i>Sparganium eurycarpum</i>	Common Burreed	12 in. water	Lower shoreline	1.7-4.0 ft.	Perennial emergent herb	OBL	Low to Moderate	Low to Moderate	Low to Moderate	Partial to full sun	0.2-0.375
<i>Spartina pectinata</i>	Prairie Cordgrass	Saturated or up to 3 in. water	Upper shoreline, streambanks, upland buffers, veg. swales	5-7 ft.	Perennial grass	FACW+	Moderate to High	Low to Moderate	Moderate	Full sun	0.5-2.0

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<i>Tradescantia ohioensis</i>	Spiderwort	Dry to mesic	Upland buffers	1-3 ft.	Perennial herb	FACU	Moderate	Not Available	Moderate	Partial to full sun	0.06-1.0
<i>Verberna hastata</i>	Blue Vervain	Saturated, 0-8 in.	Upper shoreline, streambanks, veg. swales	Up to 5 ft.	Perennial herb	FACW+	Moderate to High	Moderate to High	Moderate to High	Full sun	0.015-0.125
<i>Vernonia fasciculata</i>	Common Iron Weed	Moist to saturated	Upper shoreline and upland buffers	Up to 6 ft.	Perennial herb	FACW	Low to Moderate	Not Available	Moderate	Full sun	0.06-0.19
<i>Viburnum dentatum lucidum</i>	Arrow Wood Viburnum	Dry to moist	Upland buffers	Up to 10 ft.	Deciduous shrub	FACW-	Low to Moderate	Not Available	Low to Moderate	Partial to full sun	Not Applicable
<i>Viburnum lentago</i>	Nannyberry	Moist to saturated	Upper shoreline, streambanks, upland buffers	15-35 ft.	Deciduous tree/shrub	FAC+	Moderate	Low	Low	Partial to full sun	Not Applicable

* Indicator status categories from Reed (1988) are shown in brackets () for those species that do not have an indicator category in Reed (1997).
 NOTE: "Not Applicable" indicates that plants would not typically be established by seed but by rootstock or transplants. Generally, these are tree and shrub species.
 "Not Available" indicates that the source references used for the Guide did not contain seeding rate information for the species.

