

Full Sun

Over 8 hours of direct sunlight

Prairie sedge (*Carex bicknellii*)
prairie dropseed (*Sporobolus heterolepis*)
side-oats grama (*Bouteloua curtipendula*)
little bluestem (*Schizachyrium scoparium*)
prairie phlox (*Phlox pilosa*)
harebell (*Campanula rotundifolia*)
common spiderwort (*Tradescantia ohiensis*)
alumroot (*Heuchera richardsonii*)
prairie spurge (*Euphorbia corollata*)
butterfly milkweed (*Asclepias tuberosa*)
pale purple coneflower (*Echinacea pallida*)
rough blazing star (*Liatris aspera*)
nodding wild onion (*Allium cernuum*)
silky aster (*Aster sericeus*)
flax leaved aster (*Aster linariifolius*)
aromatic aster (*oblongifolius*)

A Note on Spring Ephemerals

Work well in part shade to dense shade
under deciduous trees

Will not tolerate "hard shade" of buildings
or evergreens

here-after marked with an asterisk*

Part Shade

4-8 hours of direct sunlight

bottlebrush grass (*Elymus histrix*)
Springell's sedge (*Carex sprengellii*)
Gray's sedge (*Carex grayi*)
Virginia bluebells (*Mertensia virginica*)*
great white trillium (*Trillium grandiflorum*)*
red trillium (*Trillium recurvatum*)*
woodland phlox (*Phlox divaricata*)*
jacobs ladder (*Polemonium reptans*)
wild geranium (*Lupinus perennis*)
great blue lobelia (*Lobelia siphilitica*)
culver's root (*Veronicastrum virginicum*)
nodding wild onion (*Allium cernuum*)
heart-leaved (*Aster cordifolius*)
arrow-leaved (*Aster sagittifolius*)
Short's aster (*Aster shortii*)

"Full" Shade

1-4 hours of sunlight

Springell's sedge (*Carex sprengellii*)
Virginia bluebells (*Mertensia virginica*)*
great white trillium (*Trillium grandiflorum*)*
woodland phlox (*Phlox divaricata*)*
wild geranium (*Geranium maculatum*)
doll's eyes (*Actea pachypoda*)
red baneberry (*Actea rubra*)
great blue lobelia (*Lobelia siphilitica*)
heart-leaved (*Aster cordifolius*)
arrow-leaved (*Aster sagittifolius*)
Short's aster (*Aster shortii*)

Dense shade

less than 1 hour of direct sunlight

cinnamon fern (*Osmunda cinnamomea*)
marginal shield fern (*Dryopteris marginalis*)
Christmas fern (*Polystichum acrostichoides*)
bloodroot (*Sanguinaria canadensis*)*
Dutchman's breeches (*Dicentra cucullaria*)*
rue anemone (*Thalictrum thalictroides*)*
nodding trillium (*Trillium cernuum*)*
declined trillium (*Trillium flexipes*)*
doll's eyes (*Actaea pachypoda*)
red baneberry (*Actaea rubra*)
Jack-in-the-Pulpit (*Arisaema atrorubens*)
bishop's cap (*Mitella diphylla*)
Solomon's seal (*Polygonatum biflorum*)
heart-leaved (*Aster cordifolius*)
arrow-leaved (*Aster sagittifolius*)
Short's aster (*Aster shortii*)

Ground covers

wild ginger (*Asarum canadense*)
Virginia waterleaf (*Hydrophyllum virginianum*)
wild strawberry (*Fragaria virginiana*)
woodland strawberry (*Fragaria vesca*)
pennsylvania sedge (*Carex pennsylvanica*)
lawn sedge (*Carex jamesii*)
rosy sedge aka curly-styled wood sedge (*Carex rosea*)
prairie smoke (*Geum triflorum*)

Rain Garden

sensitive fern (*Onoclea sensibilis*)
bristly sedge (*Carex comosa*)
fringed sedge (*Carex crinita*)
brown fox sedge (*Carex vulpinoidea*)
jacobs ladder (*Polemonium reptans*)
blue flag iris (*Iris virginica*)
great blue lobelia (*Lobelia siphilitica*)
cardinal flower (*Lobelia cardinalis*)
culver's root (*Veronicastrum virginicum*)
sneezeweed (*Helenium autumnale*)
riddell's goldenrod (*Solidago riddellii*)
bottle gentian (*Gentiana andrewsii*)

Large Shade Trees

bur oak (*Quercus macrocarpa*)
swamp white oak (*Quercus bicolor*)
red oak (*Quercus rubra*)
hackberry (*Celtis occidentalis*)
ironwood (*Ostrya virginiana*)
sugar maple (*Acer saccharum*)
shagbark hickory (*Carya ovata*)
river birch (*Betula nigra*)
red pine (*Pinus rubra*)
Eastern Hemlock (*Tsuga canadensis*)

Large Shrubs / Small Trees

Iowa crab (*Malus ioensis*)
musclewood (*Carpinus caroliniana*)
downy hawthorn (*Crataegus mollis*)
nannyberry viburnum (*Viburnum lentago*)
downy serviceberry (*Amelanchier laevis*)
pagoda dogwood (*Cornus alternifolia*)
eastern red cedar (*Juniperus virginiana*)
northern white cedar aka Arborvitae (*Thuja occidentalis*)

Shrubs

ninebark (*Physocarpus opulifolius*)
chokeberry (*Aronia melanocarpa*)
witchhazel (*Hamamelis virginiana*)
hazelnut (*Corylus americana*)
bush honeysuckle (*Diervilla lonicera*)
New Jersey tea (*Ceanothus americanus*)
shrubby cinquefoil (*Potentilla fruticosa*)
Maple-Leaf Viburnum (*Viburnum acerifolium*)
early wild rose (*Rosa blanda*)