

Clay-Tolerant Native Plant Lists for Polk County

Maple Forest

Medium sandy to silt loam soils

Less than 4 hours sun

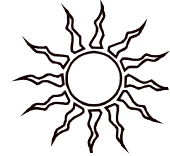


Common Name	Scientific Name	Height	Flower Color
Groundcover			
Meadow rue	<i>Thalictrum dioicum</i>	8-28"	Green
Flowers			
Columbine	<i>Aquilegia canadense</i>	8-24"	Pink
Wild geranium	<i>Geranium maculatum</i>	1-2'	Lavender
Shrubs			
Bush honeysuckle	<i>Diervilla lonicera</i>	2-3'	Yellow

Wet Meadow

Moist to wet soils

Full sun 8 hours



Common Name	Scientific Name	Height	Flower Color
Grasses and Sedges			
Big bluestem	<i>Andropogon gerardi</i>	3-8'	NA
Indian grass	<i>Sorghastrum nutans</i>	3-6'	NA
Switch grass	<i>Panicum virgatum</i>	3-5'	NA
Wildflowers			
Bergamot	<i>Mondara fistulosa</i>	2-4'	Lavender
Cup plant	<i>Silphium perfoliatum</i>	3-8'	Yellow
Flat-topped aster	<i>Aster umbellatus</i>	1-5'	Cream
Joe pye weed	<i>Eupatorium maculatum</i>	4-6'	Pink
Narrow-leaf loosestrife	<i>Lysimachia quadrifolia</i>	1-2'	Yellow
New England aster	<i>Aster novae-angliae</i>	2-5'	Purple
Obedient plant	<i>Physostegia virginiana</i>	2-5'	Pink
Panicled aster	<i>Aster lanceolatus</i>	2-3'	White
Sneezeweed	<i>Helenium autumnale</i>	2-5'	Yellow
Swamp aster	<i>Aster puniceus</i>	2-6'	White
Tall blazing star	<i>Liatris pycnostachya</i>	2-4'	Purple
Shrubs			
Meadowsweet	<i>Spiraea alba</i>	3-6'	White
Steeplebush	<i>Spiraea tomentosa</i>	2-4'	Pink

Moist Woodland Edge

Medium, loamy to wet, organic soils

Partial shade 4-8 hours

Common Name	Scientific Name	Height	Flower Color
Shrubs			
Arrowwood viburnum	<i>Viburnum dentatum</i>	to 16'	White
Chokeberry	<i>Aronia melanocarpa</i>	3-6'	White
Elderberry	<i>Sambucus canadensis</i>	3-9'	White
Meadowsweet	<i>Spiraea alba</i>	3-6'	White
Nannyberry	<i>Viburnum lentago</i>	to 20'	White
Red osier dogwood	<i>Cornus sericea</i>	3-10'	White
Steeplebush	<i>Spiraea tomentosa</i>	2-4'	Pink
Trees			
Black ash	<i>Fraxinus nigra</i>	to 50'	NA
Black willow	<i>Salix nigra</i>	to 60'	NA
Green ash	<i>Fraxinus pensylvanica</i>	to 60'	NA
Silver maple	<i>Acer saccharinum</i>	to 80'	NA
White spruce	<i>Picea glauca</i>	to 100'	NA



Pine or Oak Forest

Dry, acid, sandy soils

Less than 4 hours sun

Common Name	Scientific Name	Height	Flower Color
Flowers			
Big-leaf aster	<i>Aster macrophyllus</i>	6-12"	Lavender
Columbine	<i>Aquilegia canadensis</i>	8-24"	Pink
Harebell	<i>Campanula rotundifolia</i>	4-20"	Blue
Wild geranium	<i>Geranium maculatum</i>	1-2'	Lavender
Shrubs			
Bush honeysuckle	<i>Diervilla lonicera</i>	2-3'	Yellow
Gray dogwood	<i>Cornus racemosa</i>	to 6'	White
Trees			
Bur oak	<i>Quercus macrocarpa</i>	to 80'	NA



Dry Woodland Edge

Dry, sandy soils

Partial shade 4-8 hours

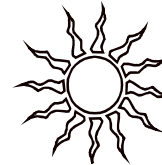


Common Name	Scientific Name	Height	Flower Color
Groundcovers			
Big bluestem	<i>Andropogon gerardii</i>	3-8'	NA
Indian grass	<i>Sorghastrum nutans</i>	3-6'	NA
Flowers			
Big-leaf aster	<i>Aster macrophyllus</i>	6-12"	Lavender
Columbine	<i>Aquilegia canadensis</i>	8-24"	Pink
Harebell	<i>Campanula rotundifolia</i>	4-20"	Blue
Shrubs			
Bush honeysuckle	<i>Diervilla lonicera</i>	2-3'	Yellow
Gray dogwood	<i>Cornus racemosa</i>	to 6'	White
Trees			
Bur oak	<i>Quercus macrocarpa</i>	to 80'	NA
Quaking aspen	<i>Populus tremuloides</i>	to 70'	NA

Prairie/Upland Meadow

Dry to medium soils

Full sun 8 hours



Common Name	Scientific Name	Height	Flower Color
Grasses			
Big bluestem	<i>Andropogon gerardii</i>	3-8'	NA
Indian grass	<i>Sorghastrum nutans</i>	3-6'	NA
Wildflowers			
Bergamot*	<i>Monarda fistulosa</i>	2-4'	Lavender
Black-eyed susan*	<i>Rudbeckia hirta</i>	1-3'	Yellow
False sunflower*	<i>Heliopsis helianthoides</i>	2-5'	Yellow
Frost aster	<i>Aster pilosus</i>	1-3'	White
Harebell*	<i>Campanula rotundifolia</i>	4-20"	Purple
Pale purple coneflower	<i>Echinacea pallida</i>	2-3'	Lavender
Rough blazing star*	<i>Liatris aspera</i>	2-3'	Purple
Showy goldenrod	<i>Solidago speciosa</i>	2-4'	Yellow
Smooth blue aster	<i>Aster laevis</i>	2-3'	Blue
Stiff goldenrod	<i>Solidago rigida</i>	1-5'	Yellow
Upland white aster	<i>Solidago ptarmicoides</i>	1-2'	White
Yarrow*	<i>Achillea millefolium</i>	2-3'	White

* = Best for driest sites
 NA = Not Applicable,
 no flowers or
 inconspicuous flowers