



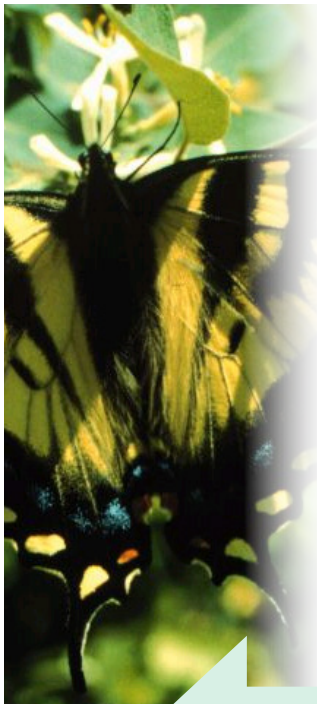
PLANTS FOR NEBRASKA

GREENER TOWNS

2019

Planning on planting a Greener Towns project?
These proven performers can boost its beauty and resilience.

Trees



Pollinator Strong

Oaks (*Quercus*), cherries (*Prunus*) and willows (*Salix*) feed the most butterfly and moth caterpillar species of any genus.

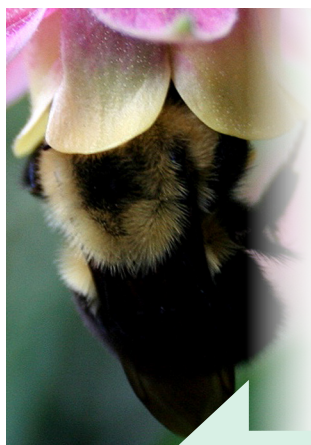
LARGE 40'+ height	latin name	region	zone	sun	water
black maple	<i>Acer nigrum</i>	E	4-8	☉ ☌ ☐	☐ ☐ ☐
bitternut hickory	<i>Carya cordiformis</i>	E	4-9	☉ ☌ ☐	☐ ☐ ☐
pecan	<i>Carya illinoensis</i>	E	5-9	☉ ☌ ☐	☐ ☐ ☐ ☐
shellbark hickory	<i>Carya laciniosa</i>	E	5-8	☉ ☌ ☐	☐ ☐ ☐
shagbark hickory	<i>Carya ovata</i>	E	4-9	☉ ☌ ☐	☐ ☐ ☐ ☐
northern catalpa	<i>Catalpa speciosa</i>	W E	4-8	☉ ☌ ☐	☐ ☐ ☐ ☐
sugar hackberry	<i>Celtis laevigata</i>	E	5-10	☉	☐ ☐ ☐
hackberry	<i>Celtis occidentalis</i>	W E	3-9	☉	☐ ☐ ☐ ☐
ginkgo*	<i>Ginkgo biloba</i>	W E	3-8	☉	☐ ☐ ☐
kentucky coffeetree	<i>Gymnocladus dioica</i>	W E	3-8	☉	☐ ☐ ☐ ☐
tulip tree	<i>Liriodendron tulipifera</i>	E	4-9	☉	☐ ☐ ☐
↑ norway spruce*	<i>Picea abies</i>	W E	3-7	☉ ☌ ☐	☐ ☐ ☐
↑ Black Hills spruce	<i>Picea glauca</i> var. <i>densata</i>	W E	2-6	☉	☐ ☐ ☐
↑ ponderosa pine	<i>Pinus ponderosa</i>	W E	3-7	☉	☐ ☐ ☐
↑ douglas fir	<i>Pseudotsuga menziesii</i>	W E	4-6	☉ ☌ ☐	☐ ☐ ☐
white oak	<i>Quercus alba</i>	E	3-9	☉	☐ ☐ ☐ ☐
swamp white oak	<i>Quercus bicolor</i>	W E	4-8	☉	☐ ☐ ☐ ☐
scarlet oak	<i>Quercus coccinea</i>	E	4-8	☉	☐ ☐ ☐ ☐
hill's oak	<i>Quercus ellipsoidalis</i>	E	4-7	☉	☐ ☐ ☐ ☐
bur oak	<i>Quercus macrocarpa</i>	W E	3-8	☉	☐ ☐ ☐ ☐ ☐
chinkapin oak	<i>Quercus muehlenbergii</i>	W E	4-8	☉	☐ ☐ ☐ ☐
red oak	<i>Quercus rubra</i>	W E	3-8	☉	☐ ☐ ☐ ☐
black oak	<i>Quercus velutina</i>	E	3-9	☉ ☌ ☐	☐ ☐ ☐ ☐
bald cypress	<i>Taxodium distichum</i>	E	4-10	☉	☐ ☐ ☐ ☐
american linden	<i>Tilia americana</i>	W E	3-9	☉ ☌ ☐	☐ ☐ ☐ ☐
hybrid elm cultivars	<i>Ulmus</i> 'Frontier', 'Morton', 'Morton Gloss	W E	4-8	☉	☐ ☐ ☐ ☐ ☐
MID 20' to 40' height	latin name	region	zone	sun	water
bigtooth maple	<i>Acer grandidentatum</i>	W	4-8	☉	☐ ☐ ☐
boxelder maple	<i>Acer negundo</i>	W	3-9	☉ ☌ ☐	☐ ☐ ☐ ☐
ohio buckeye	<i>Aesculus glabra</i>	W E	4-7	☉	☐ ☐ ☐ ☐
black alder*	<i>Alnus glutinosa</i>	W E	4-7	☉ ☌ ☐	☐ ☐ ☐
yellowwood	<i>Cladrastis kentuckea</i>	E	4-8	☉ ☌ ☐	☐ ☐ ☐
turkish filbert*	<i>Corylus colurna</i>	W E	4-7	☉	☐ ☐ ☐ ☐
persimmon	<i>Diospyros virginiana</i>	E	4-9	☉ ☌ ☐	☐ ☐ ☐ ☐
butternut	<i>Juglans cinerea</i>	W E	3-7	☉	☐ ☐ ☐
↑ rocky mountain juniper	<i>Juniperus scopulorum</i>	W	3-7	☉	☐ ☐ ☐ ☐
↑ eastern redcedar	<i>Juniperus virginiana</i>	W	2-9	☉	☐ ☐ ☐ ☐
golden raintree*	<i>Koelreuteria paniculata</i>	W E	5-9	☉	☐ ☐ ☐ ☐
osage orange	<i>Maclura pomifera</i>	E	4-9	☉	☐ ☐ ☐ ☐
cucumber magnolia	<i>Magnolia acuminata</i>	E	4-8	☉	☐ ☐ ☐ ☐
black gum	<i>Nyssa sylvatica</i>	E	4-9	☉ ☌ ☐	☐ ☐ ☐ ☐
bigtooth aspen	<i>Populus grandidentata</i>	W E	2-7	☉ ☌ ☐	☐ ☐ ☐ ☐
quaking aspen	<i>Populus tremuloides</i>	W E	1-9	☉	☐ ☐ ☐ ☐
black cherry	<i>Prunus serotina</i>	W E	3-9	☉ ☌ ☐	☐ ☐ ☐ ☐
bur-gambel oak	<i>Quercus gambelii</i> x <i>macrocarpa</i>	W E	2-8	☉	☐ ☐ ☐ ☐
peachleaf willow	<i>Salix amygdaloides</i>	W E	2-9	☉	☐ ☐ ☐ ☐
japanese pagodatree*	<i>Styphnolobium japonicum</i>	W E	5-8	☉ ☌ ☐	☐ ☐ ☐

Nebraska
native

*not from
North America

W Western NE
E Eastern NE

↑ evergreen
ξ vine
☼ annual



For the Bees

Plant woodies with early spring blooms like hazelnut (*Corylus*) and plum (*Prunus*) to feed bees when other flowers are scarce.



Wild Harvest

Many native trees and shrubs taste delicious in a fruit pie, including serviceberry, chokecherry, elderberry and buffaloberry.

More Trees

MID 20' to 40' height	latin name	region	zone	sun	water
david elm*	<i>Ulmus davidiana</i>	W E	4-8	○	■ ■
lacebark elm*	<i>Ulmus parviflora</i>	E	5-10		■ ■
japanese zelkova*	<i>Zelkova serrata</i>	E	5-8	◐	■ ■
SMALL 12' to 20' height	latin name	region	zone	sun	water
shantung maple*	<i>Acer truncatum</i>	W E	4-8	○ ◐	■ ■ ■
downy serviceberry	<i>Amelanchier arborea</i>	E	4-9	○ ◐	■ ■
pawpaw	<i>Asimina triloba</i>	E	5-9	◐ ●	■ ■
american hornbeam	<i>Carpinus caroliniana</i>	E	3-9	◐ ●	■ ■
downy hawthorn	<i>Crataegus mollis</i>	W E	3-9	○	■ ■
seven-sonflower*	<i>Heptacodium miconioides</i>	E	5-9	○ ◐	■ ■
prairie crabapple	<i>Malus ioensis</i>	W E	4-8	○	■ ■ ■
american hophornbeam	<i>Ostrya virginiana</i>	W E	3-9	◐	■ ■
american plum	<i>Prunus americana</i>	W E	3-8	○	■ ■ ■
gambel oak	<i>Quercus gambelii</i>	W E	4-9	○	■ ■
dwarf chinkapin oak	<i>Quercus prinoides</i>	E	4-8	○	■ ■
↑ eastern hemlock	<i>Tsuga canadensis</i>	E	3-7	◐ ●	■ ■

Shrubs

LARGE 12' to 20' height	latin name	region	zone	sun	water
ξ bittersweet	<i>Celastrus scandens</i>	W E	3-8	○ ◐	■ ■ ■
buttonbush	<i>Cephalanthus occidentalis</i>	W E	4-9	○ ◐	■ ■ ■
corneliancherry dogwood	<i>Cornus mas</i>	W E	4-8	○ ◐	■ ■ ■
MID 6' to 12' height	latin name	region	zone	sun	water
saskatoon serviceberry	<i>Amelanchier alnifolia 'Regent'</i>	W E	3-7	○ ◐	■ ■ ■
indigobush amorphia	<i>Amorpha fruticosa</i>	W E	2-10	○	■ ■ ■
red chokeberry	<i>Aronia arbutifolia</i>	W E	4-9	○ ◐	■ ■
siberian peashrub*	<i>Caragana arborescens</i>	W	2-7	○	■ ■
silky dogwood	<i>Cornus amomum</i>	W E	4-8	○ ◐ ●	■ ■
kousa dogwood*	<i>Cornus kousa</i>	E	5-8	◐	■ ■
gray dogwood	<i>Cornus racemosa</i>	W E	3-8	○ ◐ ●	■ ■ ■
american hazelnut	<i>Corylus americana</i>	W E	4-9	○ ◐	■ ■ ■
eastern wahoo	<i>Euonymus atropurpureus</i>	W E	3-8	○ ◐	■ ■
sea buckthorn*	<i>Hippophae rhamnoides</i>	W E	3-8	○	■ ■
↑ mugo pine*	<i>Pinus mugo</i>	W	3-7	○	■ ■ ■
chokecherry	<i>Prunus virginiana</i>	W E	2-8	○	■ ■ ■
fragrant sumac	<i>Rhus aromatica</i>	W E	3-9	○ ◐	■ ■ ■
smooth sumac	<i>Rhus glabra</i>	W E	3-9	○	■ ■ ■
staghorn sumac	<i>Rhus typhina</i>	W E	3-8	○	■ ■ ■
pussywillow	<i>Salix discolor</i>	E	3-7	○	■ ■ ■
american black elderberry	<i>Sambucus nigra ssp. canadensis</i>	W E	3-9	○ ◐ ●	■ ■ ■
silver buffaloberry	<i>Shepherdia argentea</i>	E	3-9	○	■ ■ ■
arrowwood viburnum	<i>Viburnum dentatum</i>	W E	3-8	○ ◐	■ ■ ■
wayfaringtree viburnum	<i>Viburnum lantana</i>	W E	4-8	◐	■ ■ ■
nannyberry viburnum	<i>Viburnum lentago</i>	W E	2-8	○ ◐	■ ■ ■
SMALL 3' to 6' height	latin name	region	zone	sun	water
bottlebrush buckeye	<i>Aesculus parviflora</i>	E	4-8	○ ◐	■ ■
carolina allspice	<i>Calycanthus floridus</i>	E	4-9	○ ◐	■ ■ ■
↑ common juniper	<i>Juniperus communis</i>	W E	2-8	○ ◐	■ ■ ■
japanese kerria*	<i>Kerria japonica</i>	E	4-9	◐ ●	■ ■ ■
↑ grapeholly	<i>Mahonia aquifolium</i>	E	5-8	◐ ●	■ ■
common ninebark	<i>Physocarpus opulifolius</i>	W E	4-8	○ ◐	■ ■ ■
↑ dwarf mugo pine*	<i>Pinus mugo var. pumilio</i>	W E	3-7	○	■ ■ ■
sandcherry	<i>Prunus pumila var. besseyii</i>	W E	3-6	○	■ ■ ■
clove currant	<i>Ribes aureum</i>	W E	3-9	○ ◐	■ ■ ■
black currant*	<i>Ribes nigrum</i>	E	3-7	○ ◐	■ ■
wolfberry	<i>Symphoricarpos occidentalis</i>	W E	3-6	○ ◐ ●	■ ■ ■

More Shrubs



SMALL 3' to 6' height	latin name	region	zone	sun	water
Miss Kim lilac*	<i>Syringa pubescens</i> 'Miss Kim'	W E	4-7	☉ ☾	☑ ☑ ☑
koreanspice viburnum	<i>Viburnum carlesii</i>	W	4-7	☉ ☾ ●	☑ ☑ ☑
MINI 1' to 3' height	latin name	region	zone	sun	water
leadplant	<i>Amorpha canescens</i>	W E	3-8	☉	☑ ☑
dwarf leadplant	<i>Amorpha nana</i>	W E	3-7	☉	☑ ☑
blue mist spirea*	<i>Caryopteris x cladonensis</i>	E	5-9	☉	☑ ☑
summersweet	<i>Clethra alnifolia</i>	W E	4-9	☉ ☾	☑ ☑ ☑
spreading cotoneaster*	<i>Cotoneaster divaricatus</i>	W E	4-7	☉ ☾	☑ ☑ ☑
rabbitbrush	<i>Ericameria nauseosa</i>	W	4-9	☉	☑ ☑ ☑
apache plume	<i>Fallugia paradoxa</i>	W	5-9	☉	☑ ☑ ☑
smooth hydrangea	<i>Hydrangea arborescens</i>	W E	4-9	☉ ☾ ●	☑ ☑ ☑
kalm st. johnswort	<i>Hypericum kalmianum</i>	E	4-7	☉ ☾	☑ ☑ ☑
shrubby st. johnswort	<i>Hypericum prolificum</i>	E	4-8	☉ ☾	☑ ☑ ☑
↑ common juniper	<i>Juniperus communis</i> 'Blueberry Delight'	W E	2-6	☉ ☾	☑
Autumn Amber sumac	<i>Rhus aromatica</i> 'Autumn Amber'	W	3-9	☉	☑ ☑ ☑
buffalo currant	<i>Ribes odoratum</i>	W E	3-8	☉ ☾	☑ ☑ ☑
rugosa rose*	<i>Rosa rugosa</i>	W E	2-7	☉	☑ ☑ ☑
snowberry	<i>Symphoricarpos albus</i>	W E	3-7	☉ ☾ ●	☑ ☑ ☑
coralberry	<i>Symphoricarpos orbiculatus</i>	W E	2-7	☉ ☾ ●	☑ ☑ ☑

Herbaceous Flowers

LARGE 36" to 72" height	latin name	region	zone	sun	water
arkansas bluestar	<i>Amsonia hubrichtii</i>	E	4-9	☉ ☾	☑ ☑ ☑
rose milkweed	<i>Asclepias incarnata</i>	E	3-9	☉ ☾	☑ ☑ ☑
blue indigo	<i>Baptisia australis</i>	W	4-9	☉ ☾	☑ ☑ ☑
white indigo	<i>Baptisia lactea</i>	E	4-9	☉ ☾	☑ ☑ ☑
boltonia	<i>Boltonia asteroides</i>	W E	3-10	☉ ☾	☑ ☑ ☑
new jersey tea	<i>Ceanothus americanus</i>	W	3-9	☉	☑ ☑ ☑
helen's flower	<i>Helenium autumnale</i>	W E	3-9	☉ ☾ ●	☑ ☑ ☑
wild quinine	<i>Parthenium integrifolium</i>	E	4-8	☉ ☾	☑ ☑ ☑
brown-eyed susan	<i>Rudbeckia triloba</i>	E	3-9	☉	☑ ☑ ☑
pitcher sage	<i>Salvia azurea</i>	W E	4-9	☉	☑ ☑ ☑
compass plant	<i>Silphium laciniatum</i>	E	3-9	☉	☑ ☑ ☑
smooth aster	<i>Symphyotrichum laeve</i>	W E	3-9	☉	☑ ☑ ☑
purple meadow rue	<i>Thalictrum dasycarpum</i>	W E	4-8	☉ ☾ ●	☑ ☑ ☑
carolina lupine	<i>Thermopsis villosa</i>	W	4-9	☉	☑ ☑ ☑
culver's root	<i>Veronicastrum virginicum</i>	E	3-8	☉ ☾	☑ ☑ ☑
MID 18" to 36" height	latin name	region	zone	sun	water
Coronation Gold yarrow*	<i>Achillea fillipendulina</i> 'Coronation Gold'	W	3-8	☉	☑ ☑ ☑
common yarrow	<i>Achillea millefolium</i>	W	3-9	☉ ☾	☑ ☑ ☑
prairie onion	<i>Allium stellatum</i>	E	3-8	☉ ☾	☑ ☑ ☑
eastern columbine	<i>Aquilegia canadensis</i>	E	3-8	☉ ☾ ●	☑ ☑ ☑
butterfly milkweed	<i>Asclepias tuberosa</i>	W	3-9	☉ ☾	☑ ☑ ☑
dwarf blue indigo	<i>Baptisia minor</i>	E	3-7	☉ ☾	☑ ☑ ☑
turtlehead	<i>Chelone lyonii</i>	E	3-8	☉ ☾ ●	☑ ☑ ☑
lanceleaf coreopsis	<i>Coreopsis lanceolata</i>	E	3-9	☉	☑ ☑ ☑
purple prairie clover	<i>Dalea purpurea</i>	W	3-8	☉	☑ ☑ ☑
narrowleaf coneflower	<i>Echinacea angustifolia</i>	W E	4-9	☉	☑ ☑ ☑
pale purple conelower	<i>Echinacea pallida</i>	E	3-8	☉	☑ ☑ ☑
☼ fleabane	<i>Erigeron</i> spp.	W E	3-10	☉	☑ ☑ ☑
rattlesnake master	<i>Eryngium yuccifolium</i>	E	4-9	☉	☑ ☑ ☑
☼ yellowdicks	<i>Helenium amarum</i>	E	3-10	☉	☑ ☑ ☑
hairy golden aster	<i>Heterotheca villosa</i>	W	3-8	☉	☑ ☑ ☑
siberian iris*	<i>Iris siberica</i>	E	4-9	☉ ☾	☑ ☑ ☑
dotted blazingstar	<i>Liatris punctata</i>	W	3-9	☉ ☾	☑ ☑ ☑
spiked gayfeather	<i>Liatris spicata</i>	E	3-10	☉	☑

Love Soil and Water

Prairie plants build healthy soil with their deep, dense roots that also clean water and filter pollutants.



Quick!

Annual wildflowers make colorful placeholders as things mature.

More Herbaceous Flowers



Less Weeds More Wow

Underplant showy species with groundhuggers like poppymallow, *Geranium* and *Heuchera* to prevent weeds from taking root.

MID 18" to 36" height	latin name	region	zone	sun	water
scaly blazing star	<i>Liatri squarrosa</i>	W E	4-8	☉ ☾	☐ ☐
prairie flax	<i>Linum lewisii</i>	W	3-9	☉	☐ ☐
bradbury beebalm	<i>Monarda bradburiana</i>	E	5-8	☉ ☾	☐ ☐
prairie packera	<i>Packera plattensis</i>	W E	3-8	☉ ☾	☐ ☐
woodland phlox	<i>Phlox divaricata</i>	W E	3-8	☉ ☾ ●	☐ ☐
narrowleaf mountainmint	<i>Pycnanthemum tenuifolium</i>	E	4-9	☉	☐ ☐
mexican hat	<i>Ratibida columnifera</i>	E	4-9	☉	☐ ☐
showy black-eyed susan	<i>Rudbeckia fulgida</i> var. <i>speciosa</i>	E	3-8	☉	☐ ☐
aromatic aster	<i>Symphotrichum oblongifolius</i>	W E	3-8	☉ ☾	☐ ☐
☼ greenthread	<i>Thelesperma</i> spp.	W	4-9	☉	☐ ☐
prairie spiderwort	<i>Tradescantia occidentalis</i>	W E	3-9	☉ ☾	☐ ☐
hoary vervain	<i>Verbena stricta</i>	W	3-8	☉	☐ ☐
heartleaf alexanders	<i>Zizia aptera</i>	E	3-8	☉ ☾	☐ ☐
golden alexanders	<i>Zizia aurea</i>	E	3-8	☉ ☾ ●	☐ ☐
SMALL 6" to 18" height	latin name	region	zone	sun	water
Logan Calhoun mallow	<i>Callirhoe alcaeoides</i> 'Logan Calhoun'	W E	4-9	☉	☐ ☐
purple poppymallow	<i>Callirhoe involucrata</i>	W E	4-10	☉	☐ ☐
Prairie Lode toothed primrose	<i>Calylophus serrulatus</i> 'Prairie Lode'	W	5-9	☉ ☾	☐ ☐
fremont's clematis	<i>Clematis fremontii</i>	W	4-7	☉ ☾	☐ ☐
bottle gentian	<i>Gentiana andrewsii</i>	E	3-6	☉ ☾	☐ ☐
wild geranium	<i>Geranium maculatum</i>	E	3-8	☉ ●	☐ ☐
prairie smoke	<i>Geum triflorum</i>	E	3-7	☉	☐ ☐
dakota vervain	<i>Glandularia bipinnatifida</i>	W	4-9	☉	☐ ☐
alumroot	<i>Heuchera richardsonii</i>	E	3-8	☉ ☾ ●	☐ ☐
pasqueflower	<i>Pulsatilla patens</i>	W	3-7	☉	☐ ☐
prairie petunia	<i>Ruellia humilis</i>	W	4-9	☉	☐ ☐
fendler's aster	<i>Symphotrichum fendleri</i>	W	4-8	☉	☐ ☐
birdsfoot violet	<i>Viola pedata</i>	E	4-8	☉ ☾	☐ ☐
barren strawberry	<i>Waldensteinia fragarioides</i>	E	4-7	☉ ☾ ●	☐ ☐

Grasses, Sedges and Rushes



Street Solutions

Native prairie grasses tolerate drought, heat and salt, making them viable options for roadside planting.

LARGE 36" to 72" height	latin name	region	zone	sun	water
big bluestem	<i>Andropogon gerardii</i>	E	3-9	☉ ☾	☐ ☐
sand bluestem	<i>Andropogon halii</i>	W	3-8	☉	☐ ☐
switchgrass (and cultivars)	<i>Panicum virgatum</i>	W E	3-9	☉ ☾	☐ ☐
giant sacaton	<i>Sporobolus wrightii</i>	W E	4-9	☉	☐ ☐
MID 18" to 36" height	latin name	region	zone	sun	water
sideoats grama	<i>Bouteloua curtipendula</i>	W	3-9	☉	☐ ☐
palm sedge	<i>Carex muskingumensis</i>	E	4-8	☉ ☾ ●	☐ ☐
tollway sedge	<i>Carex praegracilis</i>	E	3-10	☉ ☾ ●	☐ ☐
sprengel's sedge	<i>Carex sprengelii</i>	W E	3-5	☉ ☾	☐ ☐
sand lovegrass	<i>Eragrostis trichodes</i>	W E	5-9	☉	☐ ☐
junegrass	<i>Koeleria macrantha</i>	W	3-9	☉	☐ ☐
little bluestem	<i>Schizachyrium scoparium</i>	W E	3-9	☉ ☾	☐ ☐
prairie dropseed	<i>Sporobolus heterolepsis</i>	W E	3-9	☉ ☾	☐ ☐
SMALL 6" to 18" height	latin name	region	zone	sun	water
buffalograss	<i>Bouteloua dactyloides</i>	W	3-10	☉	☐ ☐
hairy grama	<i>Bouteloua hirsuta</i>	W	4-10	☉	☐ ☐
appalachian sedge	<i>Carex appalachica</i>	E	3-7	☉ ☾ ●	☐ ☐
plains oval sedge	<i>Carex brevior</i>	W E	3-8	☉ ☾ ●	☐ ☐
pennsylvania sedge	<i>Carex pensylvanica</i>	E	3-7	☉ ☾ ●	☐ ☐
path rush	<i>Juncus tenuis</i>	E	2-9	☉ ☾	☐ ☐
plains muhly	<i>Muhlenburgia cuspidata</i>	W	3-7	☉	☐ ☐

Wondering where to find plants? Visit plantnebraska.org for directory of local providers.



NEBRASKA STATEWIDE

Arboretum