

Full Sun, Upland Prairies



Native Green Roof Seed Mix

PLS where applicable

A mix of shorter grasses, sedges, rushes, & forbs mix designed to supplement plugs on green roof projects. Dormant seed for most diversity. This community will need supplemental water & fertility management.

Species		lb/ac
<i>Bouteloua curtipendula</i>	Side Oats Gramma	3.000
<i>Bouteloua gracilis</i>	Blue Gramma	2.000
<i>Buchloe dactyloides</i>	Buffalo Grass	3.000
<i>Carex Bicknellii</i>	Bicknells Oval Sedge	0.250
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Elymus canadensis</i>	Canada Rye	0.500
<i>Juncus tenuis</i>	Path Rush	0.063
<i>Koeleria macrantha</i> { <i>K cristata</i> }	June Grass	0.500
<i>Panicum virgatum</i>	Switch Grass	0.125
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	4.000
<i>Sporobolus cryptandrous</i>	Sand Dropseed	0.063
<i>Sporobolus heterolepis</i>	Northern Dropseed	0.125
<i>Allium cernuum</i>	Nodding Wild Onion	0.015
<i>Asclepias tuberosa</i>	Butterflyweed	0.125
<i>Asclepias verticillata</i>	Whorled Milkweed	0.188
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.156
<i>Symphyotrichum ericoides</i> { <i>Aster e</i> }	Heath Aster	0.015
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.156
<i>Astragalus canadensis</i>	Canada Milk Vetch	0.094
<i>Coreopsis lanceolata</i>	Sand Coreopsis	1.000
<i>Crotalaria sagittalis</i>	Rattlebox	0.125
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.125
<i>Heuchera richardsonii</i>	Prairie Alumroot	0.031
<i>Lespedeza capitata</i>	Roundhead Bush Clover	0.125

<i>Monarda punctata</i>	Horse Mint	0.063
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.063
<i>Penstemon grandiflorus</i>	Large Flowered Beardtongue	0.250
<i>Dalea candida</i> { <i>Petalostemum c</i> }	White Prairie Clover	0.156
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.500
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.031
<i>Ratibida pinnata</i>	Yellow Coneflower	0.250
<i>Rudbeckia hirta</i>	Blackeyed Susan	1.000
<i>Ruellia humilis</i>	Hairy Wild Petunia	0.063
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.125
<i>Solidago speciosa</i>	Showy Goldenrod	0.125
<i>Tradescantia ohioensis</i>	Ohio Spiderwort	0.063
<i>Verbena stricta</i>	Hoary Vervain	0.063
v120312		*
total		18.784
total native matrix		18.784

All items subject to availability. Mix composition may vary seasonally.

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Lake Michigan Bluff Seed Mix

PLS where applicable

A mix of shorter grasses, a sedge, a rush, & forbs mix help erosion control on clay bluffs of Lake Michigan. Dormant seed for most diversity. This mix requires appropriate erosion control materials & structures.

Species	common name	lb/ac
<i>Ageratina altissima</i> { <i>Eupatorium rugosum</i> }	White Snake Root	0.016
<i>Anemone virginiana</i>	Tall Anemone	0.031
<i>Asclepias verticillata</i>	Whorled Milkweed	0.188
<i>Bouteloua curtipendula</i>	Side Oats Gramma	4.000
<i>Carex brevior</i>	Shorter Sedge	0.500
<i>Desmodium canadense</i>	Showy Ticktrefoil	0.094
<i>Elymus canadensis</i>	Canada Rye	3.000
<i>Elymus hystrix</i> { <i>Hystrix patula</i> }	Bottlebrush Grass	0.063
<i>Elymus villosus</i>	Silky Rye	2.000
<i>Elymus virginicus</i>	Virginia Rye	4.000
<i>Euthamia graminifolia</i> { <i>Solidago g</i> }	Grassleaved Goldenrod	0.063
<i>Festuca subverticillata</i> { <i>F obtusa</i> }	Nodding Fescue	0.250
<i>Juncus tenuis</i>	Path Rush	0.125
<i>Monarda fistulosa</i>	Bergamont	0.125
<i>Polygonatum biflorum commutatum</i> { <i>P canaliculatum</i> }	Smooth Solomons Seal	0.063
<i>Rudbeckia hirta</i>	Blackeyed Susan	1.000
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	4.000
<i>Solidago juncea</i>	Early Goldenrod	0.063
<i>Solidago ulmifolia</i>	Elmleaved Goldenrod	0.188

<i>Symphotrichum drummondii</i> { <i>Aster d</i> }	Drummonds Aster	0.063
<i>Symphotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.375
<i>Symphotrichum lateriflorum</i> { <i>Aster l</i> }	Calico Aster	0.063
<i>Symphotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.125
<i>Symphotrichum shortii</i> { <i>Aster s</i> }	Shorts Aster	0.250
<i>Symphotrichum urophyllum</i> { <i>Aster sagittifolius</i> }	Arrowleafed Aster	0.063
<i>Zizia aurea</i>	Golden Alexander	0.188
<i>Avena sativa</i>	Seed Oats	40.000
<i>Lolium multiflorum</i>	Italian Rye	10.000
v012813		0.000
total		70.896
total native matrix		20.896

All items subject to availability. Mix composition may vary seasonally.

This seed mix must be used in conjunction with appropriate erosion control materials & structures.

This seeding represents an early successional community. Most stable lake bluffs were forested, & the herbaceous, shrubby, scenic open vistas were forests in the making. Your planting may include trees & shrubs from, but not limited to, the following list: *Betula papyrifera* Paper Birch, *Hamamelis virginiana* Witch Hazel, *Juniperus communis* Common Juniper, *Juniperus virginiana* Eastern Red Cedar, *Pinus resinosa* Red Pine, *Pinus strobus* White Pine, *Populus balsamifera* Balsam Poplar, *Quercus alba* White Oak, *Quercus bicolor* Swamp White Oak, *Quercus coccinea* Scarlet Oak, *Quercus rubra* Red Oak, & *Thuja occidentalis* Arbor Vitae.

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Lo Pro Dry Prairie Grass Mix

PLS where applicable

A grass & sedge mix for excessively drained dune sands, gravelly glacial hills (kames), or well-drained thin soils over sandstone or dolomite. A short mix with a few tall grasses. Spring plant.

Species	common name	lb/ac
<i>Bouteloua curtipendula</i>	Side Oats Gramma	2.500
<i>Calamovilfa longifolia magna</i> (sand only)	Prairie Sand Reed	0.063
<i>Carex Bicknellii</i>	Bicknells Sedge	0.250
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Carex Muehlenbergii</i>	Sand Sedge	0.063
<i>Dicanthelium oligosanthos scribnerianum</i> { <i>Panicum s</i> }	Scribners Panic Grass	0.015
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Eragrostis spectabilis</i>	Purple Love Grass	0.125
<i>Koeleria macrantha</i> { <i>K cristata</i> }	June Grass	0.188
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	3.500
v120312		*
total		7.954
total native matrix		7.954

All items subject to availability. Mix composition may vary seasonally.

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Lo Pro Dry Prairie with Flowers Mix

PLS where applicable

A grass & sedge mix for excessively drained dune sands, gravelly glacial hills (kames), or well-drained thin soils over sandstone or dolomite. A short mix with a few tall grasses & forbs. Dormant seed for the most diversity.

Species	common name	lb/ac
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Anemone cylindrica</i>	Thimbleweed	0.063
<i>Artemisia campestris caudata</i> { <i>A caudata</i> }	Beach Wormwood	0.063
<i>Asclepias tuberosa</i>	Butterflyweed	0.063
<i>Baptisia lactea</i> * <i>B alba macrophylla</i> *	White Indigo	0.125
<i>Bouteloua curtipendula</i>	Side Oats Gramma	2.500
<i>Brickellia eupatorioides corymbulosa</i> { <i>Kuhnia e c</i> }	False Boneset	0.015
<i>Calamovilfa longifolia magna</i> (sand only)	Prairie Sand Reed	0.063
<i>Carex Bicknellii</i>	Bicknells Sedge	0.063
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Carex Muehlenbergii</i>	Sand Sedge	0.063
<i>Ceanothus americanus</i>	New Jersey Tea	0.188
<i>Celastrus scandens</i>	Bittersweet	0.031
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	0.156
<i>Coreopsis lanceolata</i>	Sand Coreopsis	0.250
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.063
<i>Coreopsis tripteris</i> Tall Coreopsis	Tall Coreopsis	0.063
<i>Dalea candida</i> { <i>Petalostemum c</i> }	White Prairie Clover	0.031
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.250
<i>Desmodium illinoensis</i>	Illinois Ticktrefoil	0.015
<i>Dicanthelium oligosanthes scribnerianum</i> { <i>Panicum s</i> }	Scribners Panic Grass	0.015
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Eragrostis spectabilis</i>	Purple Love Grass	0.063
<i>Euphorbia corollata</i>	Flowering Spurge	0.031
<i>Euthamia graminifolia</i> { <i>Solidago g</i> }	Grass Leaf Goldenrod	0.031
<i>Euthamia gymnospermoides</i> { <i>Solidago g</i> }	Viscid Grassleaf Goldenrod	0.046
<i>Koeleria macrantha</i> { <i>K cristata</i> }	June Grass	0.188
<i>Lespedeza capitata</i>	Roundhead Bushclover	0.250
<i>Lespedeza virginica</i>	Slender Bushclover	0.031
<i>Liatris aspera</i>	Button Blazingstar	0.250
<i>Lupinus perennis</i>	Lupine	0.375
<i>Monarda punctata</i>	Spotted Bee Balm	0.063
<i>Oenothera biennis</i>	Evening Primrose	0.063
<i>Oligoneuron album</i> { <i>Aster ptarmicoides</i> }	Upland White Aster	0.015
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.094
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.125
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.125

<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	3.500
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.063
<i>Solidago speciosa</i>	Showy Goldenrod	0.063
<i>Symphotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.063
<i>Symphotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.063
<i>Tradescantia ohioensis</i>	Ohio Spiderwort	0.063
<i>Verbena stricta</i>	Hoary Vervain	0.125
<i>Vernonia fasciculata</i>	Common Ironweed	0.125
<i>Veronicastrum virginicum</i>	Culvers Physic	0.031
V101414		*
total		11.239
total native matrix		11.239

All items subject to availability. Mix composition may vary seasonally.

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Lo Pro Dry Mesic Prairie Grasses Mix

PLS where applicable

A stand-alone short grass mix. Best on well drained to dry sites. Better spring planted. The grassy knoll mix.

Species	common name	lb/ac
<i>Bouteloua curtipendula</i>	Side Oats Gramma	3.000
<i>Carex Bicknellii</i>	Bicknells Sedge	0.250
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	2.000
<i>Elymus virginicus</i>	Virginia Rye	2.000
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	7.000
v120312		0.000
total		14.500
total native matrix		14.500

All items subject to availability. Mix composition may vary seasonally.

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Lo Pro Dry Mesic Prairie with Flowers Mix

PLS where applicable

Seed mix for ordinary soils to well drained soils. Depending on the soil richness, these species range from knee to waist high. Will not do well in wet areas or partial shade. More colorful if dormant seeded.

Species	common name	lb/ac
<i>Allium cernuum</i>	Nodding Wild Onion	0.125
<i>Amorpha canescens</i>	Leadplant	0.125
<i>Anemone</i> sp.	Anemone species	0.063
<i>Asclepias tuberosa</i>	Butterflyweed	0.063
<i>Asclepias verticillata</i>	Whorled Milkweed	0.063
<i>Astragalus canadensis</i>	Canada Milk Vetch	0.031
<i>Bouteloua curtipendula</i>	Side Oats Gramma	5.000
<i>Carex Bicknellii</i>	Bicknells Sedge	0.125

<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	0.500
<i>Coreopsis lanceolata</i>	Sand Coreopsis	0.500
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.015
<i>Dalea candida</i> { <i>Petalostemum c</i> }	White Prairie Clover	0.015
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.063
<i>Echinacea pallida</i>	Pale Purple Coneflower	0.125
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	1.000
<i>Elymus virginicus</i>	Virginia Rye	1.000
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.125
<i>Euthamia graminifolia</i> { <i>Solidago g</i> }	Grassleaved Goldenrod	0.015
<i>Euthamia gymnospermoides</i> { <i>Solidago g</i> }	Viscid Grassleaf Goldenrod	0.031
<i>Heliopsis helianthoides</i>	Early Sunflower	0.063
<i>Lespedeza capitata</i>	Roundhead Bushclover	0.031
<i>Liatris aspera</i>	Button Blazing Star	0.015
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.125
<i>Parthenium integrifolium</i>	Wild Quinine	0.125
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.125
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.031
<i>Pycnanthemum tenuifolium</i>	Slender Mt mint	0.031
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.015
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	4.000
<i>Senna hebecarpa</i> { <i>Cassia h</i> }	Wild Senna	0.063
<i>Silphium integrifolium</i>	Rosinweed	0.125
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.046
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.063
<i>Symphyotrichum novae-angliae</i> { <i>Aster n</i> }	New England Aster	0.063
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.063
<i>Tradescantia ohiensis</i>	Ohio Spiderwort	0.063
<i>Verbena stricta</i>	Hoary Vervain	0.125
<i>Zizia aurea</i>	Golden Alexander	0.063
v101414		*
total		15.469
total native matrix		15.469

All items subject to availability. Mix composition may vary seasonally.

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Lo Pro Dry Mesic Prairie with Tall Flowers Mix

PLS where applicable

A grass & forb mix for average soils to well drained soils. Predominately short species with a few tall accent forbs. For the most color & diversity, dormant seed.

Species	common name	lb/ac
<i>Allium cernuum</i>	Nodding Wild Onion	0.125
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Anemone species</i>	Anemone species	0.094
<i>Asclepias species</i>	Upland Milkweeds	0.031
<i>Bouteloua curtipendula</i>	Side Oats Gramma	5.000
<i>Carex Bicknelli</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	0.250
<i>Coreopsis lanceolata</i>	Sand Coreopsis	0.500
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.015
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.063
<i>Dalea candida</i> { <i>Petalostemum c</i> }	White Prairie Clover	0.015
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.500
<i>Echinacea pallida</i>	Pale Purple Coneflower	0.063
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.125
<i>Euthamia graminifolia</i> { <i>Solidago g</i> }	Grass Leaf Goldenrod	0.015
<i>Lespedeza capitata</i>	Roundhead Bushclover	0.125
<i>Liatris aspera</i>	Button Blazing Star	0.031
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.125
<i>Parthenium integrifolium</i>	Wild Quinine	0.125
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.125
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.031
<i>Pycnanthemum tenuifolium</i>	Slender Mt Mint	0.063
<i>Rosa carolina</i>	Pasture Rose	0.063
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.125
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	4.000
<i>Silphium laciniatum</i>	Compass Plant	0.094
<i>Silphium terebinthinaceum</i>	Prairie Dock	0.031
<i>Solidago juncea</i>	Early Goldenrod	0.010
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.125
<i>Symphyotrichum ericoides</i> { <i>Aster e</i> }	Heath Aster	0.031
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.125
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.125
<i>Tradescantia ohioensis</i>	Ohio Spiderwort	0.063
<i>Verbena stricta</i>	Hoary Vervain	0.125

<i>Zizia aurea</i>	Golden Alexander	0.063
v120412		*
total		14.84
total native matrix		14.84

All items subject to availability. Mix composition may vary seasonally.

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Low Pro EZ Prairie (Keep It Simple Stupid)

PLS where applicable

A reasonably priced basic prairie mix for average soils to well drained soils.

Species	common name	lb/ac
<i>Astragalus canadensis</i>	Canada Milk Vetch	0.125
<i>Bouteloua curtipendula</i>	Side Oats Gramma	1.000
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	0.250
<i>Coreopsis lanceolata</i>	Sand Coreopsis	1.000
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.500
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	0.625
<i>Echinacea purpurea</i>	Purple Coneflower	0.625
<i>Elymus canadensis</i>	Nodding Wild Onion	1.000
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	1.000
<i>Elymus virginicus</i>	Virginia Rye	1.000
<i>Heliopsis helianthoides</i>	False Sunflower	0.250
<i>Juncus tenuis</i>	Slender Rush	0.031
<i>Liatris spicata</i>	Spike Blazingstar	0.250
<i>Lupinus perennis</i>	Lupine	0.250
<i>Monarda fistulosa</i>	Bergamont	0.063
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.125
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.188
<i>Ratibida pinnata</i>	Yellow Coneflower	0.625
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.750
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	4.000
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.125
<i>Symphyotrichum novae-angliae</i> { <i>Aster n</i> }	New England Aster	0.250
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.125
<i>Verbena stricta</i>	Hoary Vervain	0.125
v1200412		*
total		14.532
grasses		7.250
forbs		7.282

All items subject to availability. Mix composition may vary seasonally.

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Forbs with Lo Pro Prairie Grasses

PLS where applicable

A shorter grass & sedge, with short & tall forbs seed mix for rich, black soils to average soils. A designer mix with a strong forb to grass ratio for a showier planting. Best dormant seeded.

Species	common name	lb/ac
<i>Allium cernuum</i>	Nodding Wild Onion	0.125
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Baptisia lactea</i> { <i>B alba macrophylla</i> }	White Indigo	0.063
<i>Bouteloua curtipendula</i>	Side Oats Gramma	2.000
<i>Carex annectens</i>	Yellow-fruited Sedge	0.125
<i>Carex Bebbii</i>	Bebbs' Sedge	0.125
<i>Carex Bicknellii</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Shorter Sedge	0.188
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	0.188
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	0.125
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.125
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.188
<i>Echinacea pallida</i>	Pale Purple Coneflower	0.375
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	1.000
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.250
<i>Euthamia graminifolia</i> { <i>Solidago g</i> }	Grassleaf Goldenrod	0.031
<i>Gentiana alba</i> { <i>G. flavida</i> }	Pale Gentian	0.031
<i>Heliopsis helianthoides</i>	Early Sunflower	0.188
<i>Lespedeza capitata</i>	Roundhead Bushclover	0.094
<i>Liatris aspera</i>	Button Blazingstar	0.125
<i>Liatris pycnostachya</i>	Prairie Blazingstar	0.188
<i>Monarda fistulosa</i>	Bergamont	0.063
<i>Oligoneuron riddellii</i> { <i>Solidago r</i> }	Riddells Goldenrod	0.125
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.250
<i>Parthenium integrifolium</i>	Wild Quinine	0.125
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.125
<i>Physostegia virginiana</i>	False Dragonhead	0.031
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.063
<i>Pycnanthemum tenuifolium</i>	Slender Mt Mint	0.188
<i>Pycnanthemum virginianum</i>	Common Mt Mint	0.063
<i>Ratibida pinnata</i>	Yellow Coneflower	0.500
<i>Rosa blanda</i>	Early Wild Rose	0.063
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.500
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	3.000
<i>Senna hebecarpa</i> { <i>Cassia h</i> }	Wild Senna	0.125

<i>Senna marilandica</i> { <i>Cassia m</i> }	Maryland Senna	0.031
<i>Silphium integrifolium</i>	Rosinweed	0.188
<i>Silphium laciniatum</i>	Compass Plant	0.250
<i>Silphium terebinthinaceum</i>	Prairie Dock	0.063
<i>Solidago juncea</i>	Early Goldenrod	0.015
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.125
<i>Solidago speciosa</i>	Showy Goldenrod	0.125
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.188
<i>Symphyotrichum novae-angliae</i> { <i>Aster n</i> }	New England Aster	0.125
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.188
<i>Tradescantia ohioensis</i>	Ohio Spiderwort	0.031
<i>Verbena stricta</i>	Hoary Vervain	0.250
<i>Vernonia fasciculata</i>	Common Ironweed	0.125
<i>Vernonia missurica</i>	Missouri Ironweed	0.063
<i>Veronicastrum virginicum</i>	Culvers Physic	0.031
<i>Zizia aurea</i>	Golden Alexander	0.063
v012813\X15ø		*
total		14.802
total native matrix		14.802
grasses		7.563
forbs		7.239

All items subject to availability. Mix composition may vary seasonally.

*

TALL Mesic Prairie Grasses Mix

PLS where applicable

Stand alone tall grass & sedge mix. Best on average to rich soils. Not for the meek & timid. Better spring planted.

Species	common name	lb/ac
<i>Andropogon gerardii</i>	Big Bluestem	3.500
<i>Bouteloua curtipendula</i>	Side Oats Gramma	2.000
<i>Carex Bicknellii</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Carex molesta</i>	Field Oval Sedge	0.125
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Panicum virgatum</i>	Switch Grass	0.500
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	3.000
<i>Sorghastrum nutans</i>	Indian Grass	4.000
v120412		*
total		14.500
total native matrix		14.500

Sweet clover, white clover, red clover, black medic, bird's-foot trefoil, & other introduced legumes are significant barriers to establishing native plant cover. Once established with proper post planting maintenance, this mix can be managed with herbicides to control invasive legumes.

As an industry, we must recognize some sites have intrinsic problems, & these problems may never go away. There are sites where diverse native communities should not, or cannot be developed. If the native plantings are to succeed, they require long term planning, at least a year of preparation, & properly timed & properly executed maintenance. Think of it as a cancer, requiring a diagnosis, biopsy, surgery, radiation, chemo-therapy, & then a five year wait for a long term prognosis. But, not all make it to that stage.

All items subject to availability. Mix composition may vary seasonally.

*

TALL Mesic Prairie with Flowers Mix

PLS where applicable

A grass, sedge, & forb with mix for *in situ*, rich, black soils to average soils. A tall mix, not for the meek & timid, or families with small children and small dogs. Best dormant seeded.

species	common name	lb/ac
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Andropogon gerardii</i>	Big Bluestem	1.500
<i>Baptisia lactea</i> { <i>B alba macrophylla</i> }	White Indigo	0.063
<i>Bouteloua curtipendula</i>	Side Oats Gramma	2.000
<i>Carex Bicknellii</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Shorter Sedge	0.125
<i>Carex molesta</i>	Field Oval Sedge	0.125
<i>Chamaecrista fasciculata</i> { <i>Cassia</i> f}	Partridge Pea	0.125
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.125
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.063
<i>Echinacea pallida</i>	Pale Purple Coneflower	0.250
<i>Echinacea purpurea</i>	Purple Coneflower	0.281
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.250
<i>Heliopsis helianthoides</i>	Early Sunflower	0.125
<i>Lespedeza capitata</i>	Roundhead Bushclover	0.125
<i>Liatris aspera</i>	Button Blazing Star	0.125
<i>Liatris pycnostachya</i>	Prairie Blazingstar	0.188
<i>Monarda fistulosa</i>	Bergamont	0.031
<i>Oligoneuron riddellii</i> { <i>Solidago r</i> }	Riddells Goldenrod	0.063
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.125
<i>Panicum virgatum</i>	Switch Grass	0.250
<i>Parthenium integrifolium</i>	Wild Quinine	0.063
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.063
<i>Physostegia virginiana</i>	False Dragonhead	0.063
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.063
<i>Ratibida pinnata</i>	Yellow Coneflower	0.125
<i>Rosa blanda</i>	Early Wild Rose	0.063
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.250
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.031

<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	3.000
<i>Silphium integrifolium</i>	Rosinweed	0.188
<i>Silphium laciniatum</i>	Compass Plant	0.188
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.125
<i>Sorghastrum nutans</i>	Indian Grass	3.000
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.063
<i>Symphyotrichum novae-angliae</i> { <i>Aster n</i> }	New England Aster	0.063
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.063
<i>Verbena stricta</i>	Hoary Vervain	0.125
<i>Vernonia fasciculata</i>	Common Ironweed	0.188
<i>Vernonia missurica</i>	Missouri Ironweed	0.063
<i>Veronicastrum virginicum</i>	Culvers Physic	0.006
<i>Zizia aurea</i>	Golden Alexander	0.188
v120512		*
total		15.104
total native matrix		15.104

All items subject to availability. Mix composition may vary seasonally.

*

Lo Pro Mesic Prairie Grass Mix

PLS where applicable

Stand alone shorter grass & sedge mix for average to rich soils. Depending on soil richness & age of the stand, thigh to waist high. If you can see over it in September, it's short prairie. Spring plant. Guaranteed not to rust, bust, or bite the baby!

species	common name	lb/ac
<i>Bouteloua curtipendula</i>	Side Oats Gramma	4.000
<i>Carex annectens</i>	Yellow-fruited Sedge	0.060
<i>Carex Bicknellii</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Carex molesta</i>	Field Oval Sedge	0.156
<i>Elymus canadensis</i>	Canada Rye	2.000
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	2.000
<i>Panicum virgatum</i>	Switch Grass	0.250
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	6.000
<i>Sporobolus heterolepis</i>	Prairie Dropseed	0.250
v120512		*
total		15.091
total native matrix		15.091

All items subject to availability. Mix composition may vary seasonally.

*

Low Pro Mesic Prairie with Flowers Mix

PLS where applicable

A shorter grass, sedge, & forb mix for average to good soils. Best dormant seeded.

species	common name	lb/ac
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<i>Amorpha canescens</i>	Leadplant	0.063
<i>Baptisia lactea</i> { <i>B alba macrophylla</i> }	White Indigo	0.063
<i>Bouteloua curtipendula</i>	Side Oats Gramma	3.000
<i>Carex annectens</i>	Yellow-fruited Sedge	0.063
<i>Carex Bicknellii</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Shorter Sedge	0.125
<i>Carex molesta</i>	Field Oval Sedge	0.125
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	0.125
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.063
<i>Echinacea pallida</i>	Pale Purple Coneflower	0.281
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	1.000
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.188
<i>Heliopsis helianthoides</i>	Early Sunflower	0.125
<i>Hypericum ascyron</i> { <i>H pyramidatum</i> }	Great St John'swort	0.125
<i>Lespedeza capitata</i>	Roundhead Bushclover	0.125
<i>Liatris aspera</i>	Button Blazing Star	0.125
<i>Liatris pycnostachya</i>	Prairie Blazingstar	0.188
<i>Monarda fistulosa</i>	Bergamont	0.031
<i>Oligoneuron riddellii</i> { <i>Solidago r</i> }	Riddells Goldenrod	0.125
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.125
<i>Panicum virgatum</i>	Switch Grass	0.063
<i>Parthenium integrifolium</i>	Wild Quinine	0.188
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.125
<i>Physostegia virginiana</i>	False Dragonhead	0.063
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.063
<i>Pycnanthemum tenuifolium</i>	Slender Mt Mint	0.063
<i>Ratibida pinnata</i>	Yellow Coneflower	0.125
<i>Rosa blanda</i>	Early Wild Rose	0.031
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.125
<i>Schizachyrium scoparium</i> { <i>Andropogon s</i> }	Little Bluestem	3.000
<i>Silphium integrifolium</i>	Rosinweed	0.188
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.125
<i>Sporobolus heterolepis</i>	Prairie Dropseed	0.250
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	0.063
<i>Symphyotrichum novae-angliae</i> { <i>Aster n</i> }	New England Aster	0.063
<i>Symphyotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	0.063
<i>Tradescantia ohiensis</i>	Ohio Spiderwort	0.125
<i>Verbena stricta</i>	Hoary Vervain	0.125
<i>Vernonia fasciculata</i>	common Ironweed	0.188
<i>Vernonia missurica</i>	Missouri Ironweed	0.063
<i>Veronicastrum virginicum</i>	Culvers Physic	0.006

v123112	*
total	12.795
total native matrix	12.795

All items subject to availability. Mix composition may vary seasonally.

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George's Broad Spectrum Prairie Seed mix

PLS where applicable

An old school, "shotgun-type", broad spectrum prairie mix for pond slopes from the waterline to the turf-line, with heavy seeding rate for poor topsoil & the lack of proper post-planting maintenance. A heavy seeding to establish native cover.

species	common name	lb/ac
<i>Andropogon gerardii</i>	Big Bluestem	3.500
<i>Asclepias incarnata</i>	Swamp Milkweed	0.313
<i>Asclepias syriaca</i>	Common Milkweed	0.125
<i>Astragalus canadensis</i>	Canada Milk Vetch	0.125
<i>Baptisia lactea</i> { <i>B alba macrophylla</i> }	White Indigo	0.125
<i>Bouteloua curtipendula</i>	Side Oats Gramma	2.000
<i>Carex brevior</i>	Shorter Sedge	0.250
<i>Carex cristatella</i>	Crested Sedge	0.125
<i>Carex scoparia</i>	Pointed Broom Sedge	0.125
<i>Carex vulpinoidea</i>	Fox Sedge	0.500
<i>Coreopsis lanceolata</i>	Sand Coreopsis	0.250
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.125
<i>Dalea candida</i> { <i>Petalostemum c</i> }	White Prairie Clover	0.125
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	0.250
<i>Echinacea pallida</i>	Purple Prairie Clover	0.375
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Eleocharis obtusa</i>	Blunt Spikerush	0.125
<i>Elymus canadensis</i>	Canada Rye	1.000
<i>Elymus trachycaulus</i> { <i>Agropyron t</i> }	Slender Wheatgrass	1.000
<i>Elymus virginicus</i>	Virginia Rye	1.000
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.500
<i>Eupatorium perfoliatum</i>	Thoroughwort	0.063
<i>Helenium autumnale</i>	Sneezeweed	0.188
<i>Heliopsis helianthoides</i>	Early Sunflower	0.250
<i>Juncus dudleyi</i>	Dudley's Rush	0.063
<i>Juncus torreyi</i>	Torreys Rush	0.063
<i>Leersia oryzoides</i>	Rice Cut Grass	0.500
<i>Liatris aspera</i>	Button Blazing Star	0.031
<i>Liatris spicata</i>	Spiked Blazingstar	0.031
<i>Monarda fistulosa</i>	Bergamont	0.250
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	0.125

<i>Panicum virgatum</i>	Switch Grass	1.000
<i>Physostegia virginiana</i>	False Dragonhead	0.063
<i>Ratibida pinnata</i>	Yellow Coneflower	0.250
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.250
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	0.250
<i>Schizachyrium scoparium {Andropogon s}</i>	Little Bluestem	2.000
<i>Scirpus atrovirens</i>	Dark Green Rush	0.125
<i>Scirpus cyperinus</i>	Wool Grass	0.063
<i>Silphium integrifolium</i>	Rosinweed	0.250
<i>Silphium laciniatum</i>	Compass Plant	0.125
<i>Silphium perfoliatum</i>	Cup Plant	0.250
<i>Silphium terebinthinaceum</i>	Prairie Dock	0.250
<i>Sorghastrum nutans</i>	Indian Grass	3.000
<i>Spartina pectinata</i>	Cord Grass	0.250
<i>Symphyotrichum laeve {Aster l}</i>	Smooth Blue Aster	0.125
<i>Symphyotrichum novae-angliae {Aster n}</i>	New England Aster	0.250
<i>Symphyotrichum oolentangiense {Aster azureus}</i>	Sky Blue Aster	0.125
<i>Verbena hastata</i>	Blue Vervain	0.500
<i>Verbena stricta</i>	Hoary Vervain	0.125
<i>Vernonia fasciculata</i>	Common Ironweed	0.063
<i>Zizia aurea</i>	Golden Alexander	0.063
v120512		*
total		23.379
total native matrix		23.379
All items subject to availability. Mix composition may vary seasonally.		*

