SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 21-111 Oats Cover Crop
Seeding Rate: 100 lb/acre (44.1 seeds/square foot)
Notes: Temporary cover crop for spring and summer plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Oats	Avena sativa	100.00%	44.1	100.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
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Description: BWSR 21-112 Winter Wheat Cover Crop
Seeding Rate: 100 lb/acre (25.7 seeds/square foot)
Notes: Temporary cover crop for fall plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Winter Wheat	Triticum aestivum	100.00%	25.7	100.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS

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Description: BWSR 21-113 Soil Building Cover Crop
Seeding Rate: 110 lb/acre (29.9 seeds/square foot)
Notes: Temporary cover crop with soil building function.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Field Pea	Pisum sativum	45.45%	3.5	50.000 PLS lb
Oats	Avena sativa	54.55%	26.4	60.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 31-271 Wetland Seedbank Release Mix

Seeding Rate: 46.1 lb/acre (40 seeds/square foot)

Notes: This mix has been designed for wetland restoration projects with a focus on wet meadows where there is a high likelihood that seeds of native species will be in the seedbank and there is a need for a seed mix to supplement the seedbank, improve cover of bare soils, and increase diversity.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	2.39%	20.2	1.100 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	97.61%	19.8	45.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 32-231 Mid Diversity Dry to Mesic Soil Buffer South & West Mix

Seeding Rate: 37.5 lb/acre (67 seeds/square foot)

Notes: This mix has been designed for southern and western Minnesota in areas with mesic to dry soils and full sun for at least 70% of the day in agricultural settings where there are goals of providing wildlife habitat, soil stabilization, and water quality benefits.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	2.99%	4.1	1.120 PLS lb
Sideoats Grama	Bouteloua curtipendula	8.48%	7.0	3.180 PLS lb
Canada Wild Rye	Elymus canadensis	3.92%	2.8	1.470 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.64%	2.5	0.990 PLS lb
June Grass	Koeleria macrantha	0.27%	7.3	0.100 PLS lb
Switchgrass	Panicum virgatum	4.16%	8.0	1.560 PLS lb
Little Bluestem	Schizachyrium scoparium	4.85%	10.0	1.820 PLS lb
Indiangrass	Sorghastrum nutans	3.63%	6.0	1.360 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.40%	1.6	0.150 PLS lb
Forbs				
Butterfly Milkweed	Asclepias tuberosa	0.08%	0.0	0.030 PLS lb
Canada Milkvetch	Astragalus canadensis	0.08%	0.2	0.030 PLS lb
White Prairie Clover	Dalea candida	0.29%	0.8	0.110 PLS lb
Purple Prairie Clover	Dalea purpurea	0.40%	1.0	0.150 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.13%	0.1	0.050 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.03%	0.8	0.010 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.45%	0.4	0.170 PLS lb
Rough Blazing Star	Liatris aspera	0.03%	0.1	0.010 PLS lb
Wild Bergamot	Monarda fistulosa	0.08%	0.8	0.030 PLS lb
Common Evening Primrose	Oenothera biennis	0.03%	0.3	0.010 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.03%	0.3	0.010 PLS lb
Stiff Goldenrod	Solidago rigida	0.08%	0.5	0.030 PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.08%	0.1	0.030 PLS lb
Hoary Vervain	Verbena stricta	0.08%	0.3	0.030 PLS lb
Golden Alexanders	Zizia aurea	0.11%	0.2	0.040 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	66.67%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 32-232 Native Forage Buffer South & West Mix

Seeding Rate: 45.8 lb/acre (66.1 seeds/square foot)

Notes: This mix has been designed for areas with mesic soils and full sun for at least 70% of the day where there are goals of establishing native vegetation for soil stabilization and water quality improvements, but also allow grazing or haying for livestock forage once or twice a year.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	5.94%	10.0	2.720 PLS lb
Sideoats Grama	Bouteloua curtipendula	9.91%	10.0	4.540 PLS lb
Fringed Brome	Bromus ciliatus	1.18%	2.0	0.540 PLS lb
Prairie Brome	Bromus kalmii	0.76%	1.0	0.350 PLS lb
Canada Wild Rye	Elymus canadensis	7.14%	6.2	3.270 PLS lb
Slender Wheatgrass	Elymus trachycaulus	4.32%	5.0	1.980 PLS lb
Virginia Wild Rye	Elymus virginicus	7.93%	5.6	3.630 PLS lb
Indiangrass	Sorghastrum nutans	4.74%	9.6	2.170 PLS lb
Forbs				
Canada Milkvetch	Astragalus canadensis	0.31%	0.9	0.140 PLS lb
Partridge Pea	Chamaecrista fasciculata	1.55%	0.7	0.710 PLS lb
White Prairie Clover	Dalea candida	0.24%	0.8	0.110 PLS lb
Purple Prairie Clover	Dalea purpurea	0.35%	1.1	0.160 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.11%	0.2	0.050 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.70%	0.7	0.320 PLS lb
Yellow Coneflower	Ratibida pinnata	0.24%	1.2	0.110 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	54.59%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 32-241 Native Construction Mix
Seeding Rate: 38 lb/acre (77.6 seeds/square foot)
Notes: Mid-term stabilization using native species. Also suitable for sides of agricultual drainage ditches or low-diversity mesic prairie planting.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	3.29%	4.6	1.250 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.63%	2.2	1.000 PLS lb
Fringed Brome	Bromus ciliatus	3.68%	5.1	1.400 PLS lb
Canada Wild Rye	Elymus canadensis	5.26%	3.8	2.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	6.58%	6.3	2.500 PLS lb
Virginia Wild Rye	Elymus virginicus	5.26%	3.1	2.000 PLS lb
Switchgrass	Panicum virgatum	1.97%	3.9	0.750 PLS lb
Fowl Bluegrass	Poa palustris	1.58%	28.7	0.600 PLS lb
Indiangrass	Sorghastrum nutans	2.63%	4.4	1.000 PLS lb
Forbs				
Partridge Pea	Chamaecrista fasciculata	0.71%	0.3	0.270 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.18%	0.1	0.070 PLS lb
Wild Bergamot	Monarda fistulosa	0.05%	0.5	0.020 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.24%	3.0	0.090 PLS lb
Hoary Vervain	Verbena stricta	0.13%	0.5	0.050 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	65.79%	11.0	25.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 32-242 Native Construction General Mix

Seeding Rate: 37.6 lb/acre (77.1 seeds/square foot)

Notes: This mix has been designed for areas with mesic soils and full sun for at least 70% of the day where rapid establishment of native vegetation is needed as part of the construction of berms, embankments, and other practices; while also providing wildlife habitat, soil stabilization, and water quality benefits.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	4.26%	5.9	1.600 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.66%	2.2	1.000 PLS lb
Fringed Brome	Bromus ciliatus	2.39%	3.3	0.900 PLS lb
Canada Wild Rye	Elymus canadensis	5.32%	3.8	2.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	5.32%	5.1	2.000 PLS lb
Virginia Wild Rye	Elymus virginicus	5.32%	3.1	2.000 PLS lb
Switchgrass	Panicum virgatum	2.66%	5.1	1.000 PLS lb
Fowl Bluegrass	Poa palustris	1.60%	28.7	0.600 PLS lb
Indiangrass	Sorghastrum nutans	2.66%	4.4	1.000 PLS lb
Forbs				
Partridge Pea	Chamaecrista fasciculata	0.72%	0.3	0.270 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.19%	0.1	0.070 PLS lb
Wild Bergamot	Monarda fistulosa	0.05%	0.5	0.020 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.24%	3.0	0.090 PLS lb
Hoary Vervain	Verbena stricta	0.13%	0.5	0.050 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	66.49%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 32-243 Low Diversity Buffer General Mix

Seeding Rate: 39.35 lb/acre (65.7 seeds/square foot)

Notes: This mix has been designed for riparian buffer areas with mesic soils and full sun for at least 70% of the day where there are goals of providing wildlife habitat and soil stabilization, water quality benefits.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	9.02%	13.0	3.550 PLS lb
Canada Wild Rye	Elymus canadensis	6.66%	5.0	2.620 PLS lb
Slender Wheatgrass	Elymus trachycaulus	6.02%	6.0	2.370 PLS lb
Switchgrass	Panicum virgatum	5.92%	12.0	2.330 PLS lb
Indiangrass	Sorghastrum nutans	6.94%	12.0	2.730 PLS lb
Forbs				
Canada Milkvetch	Astragalus canadensis	0.08%	0.2	0.030 PLS lb
White Prairie Clover	Dalea candida	0.10%	0.3	0.040 PLS lb
Purple Prairie Clover	Dalea purpurea	0.46%	1.2	0.180 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.05%	0.1	0.020 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.53%	0.5	0.210 PLS lb
Wild Bergamot	Monarda fistulosa	0.08%	0.8	0.030 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.15%	2.0	0.060 PLS lb
Stiff Goldenrod	Solidago rigida	0.13%	0.8	0.050 PLS lb
Blue Vervain	Verbena hastata	0.03%	0.3	0.010 PLS lb
Golden Alexanders	Zizia aurea	0.30%	0.5	0.120 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	63.53%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 32-251 Mid Diversity Moist Buffer South & West Mix

Seeding Rate: 32.4 lb/acre (89.9 seeds/square foot)

Notes: This mix has been designed for southern and western Minnesota areas with moist soils and full sun for at least 70% of the day where there are goals for providing wildlife habitat, soil stabilization, and water quality benefits.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	7.56%	9.0	2.450 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.12%	4.1	0.040 PLS lb
Virginia Wild Rye	Elymus virginicus	10.00%	5.0	3.240 PLS lb
American Manna Grass	Glyceria grandis	0.77%	6.4	0.250 PLS lb
Rice Cut Grass	Leersia oryzoides	0.52%	2.1	0.170 PLS lb
Fowl Bluegrass	Poa palustris	0.90%	13.8	0.290 PLS lb
Prairie Cord Grass	Spartina pectinata	0.65%	0.5	0.210 PLS lb
Sedges & Rushes				
Common Fox Sedge	Carex stipata	0.71%	2.9	0.230 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.43%	5.1	0.140 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.25%	13.5	0.080 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.12%	0.1	0.040 PLS lb
Nodding Bur Marigold	Bidens cernua	0.12%	0.3	0.040 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.03%	0.2	0.010 PLS lb
Boneset	Eupatorium perfoliatum	0.03%	0.6	0.010 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.03%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.03%	0.3	0.010 PLS lb
Sneezeweed	Helenium autumnale	0.06%	1.0	0.020 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.03%	0.1	0.010 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.03%	1.8	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.03%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.03%	0.8	0.010 PLS lb
Cup Plant	Silphium perfoliatum	0.12%	0.0	0.040 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.03%	0.6	0.010 PLS lb
New England Aster	Symphyotrichum novae-angliae	0.03%	0.2	0.010 PLS lb
Blue Vervain	Verbena hastata	0.03%	0.3	0.010 PLS lb
Golden Alexanders	Zizia aurea	0.15%	0.2	0.050 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	77.16%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 32-351 Mid Diversity Moist Buffer Northeast Mix

Seeding Rate: 31.1 lb/acre (110.4 seeds/square foot)

Notes: This mix has been designed for northeast Minnesota in areas with mesic soils and full sun for at least 70% of the day and there are goals for providing wildlife habitat, soil stabilization, and water quality benefits.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	6.14%	7.0	1.910 PLS lb
Fringed Brome	Bromus ciliatus	3.18%	3.6	0.990 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.13%	4.1	0.040 PLS lb
Virginia Wild Rye	Elymus virginicus	6.24%	3.0	1.940 PLS lb
American Manna Grass	Glyceria grandis	0.61%	4.9	0.190 PLS lb
Fowl Bluegrass	Poa palustris	0.55%	8.1	0.170 PLS lb
Prairie Cord Grass	Spartina pectinata	0.68%	0.5	0.210 PLS lb
Sedges & Rushes				
Pointed-broom Sedge	Carex scoparia	0.10%	0.9	0.030 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.45%	5.1	0.140 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.68%	35.5	0.210 PLS lb
Woolgrass	Scirpus cyperinus	0.06%	12.5	0.020 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.19%	0.1	0.060 PLS lb
Nodding Bur Marigold	Bidens cernua	0.13%	0.3	0.040 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.03%	0.2	0.010 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.03%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.03%	0.3	0.010 PLS lb
Sneezeweed	Helenium autumnale	0.06%	1.0	0.020 PLS lb
Monkey Flower	Mimulus ringens	0.03%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.03%	0.8	0.010 PLS lb
Bog Goldenrod	Solidago uliginosa	0.03%	0.5	0.010 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.03%	0.6	0.010 PLS lb
Blue Vervain	Verbena hastata	0.03%	0.3	0.010 PLS lb
Golden Alexanders	Zizia aurea	0.16%	0.2	0.050 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	80.39%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 33-161 Impoundment General Mix

Seeding Rate: 44.6 lb/acre (141.5 seeds/square foot)

Notes: This mix has been designed for areas with mesic soils to soil saturation within a foot of the surface during a majority of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to an impoundment for periodic holding of floodwater.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	4.28%	7.0	1.910 PLS lb
Fringed Brome	Bromus ciliatus	2.78%	4.6	1.240 PLS lb
Slender Wheatgrass	Elymus trachycaulus	3.09%	3.5	1.380 PLS lb
Virginia Wild Rye	Elymus virginicus	3.63%	2.5	1.620 PLS lb
Rice Cut Grass	Leersia oryzoides	0.22%	1.2	0.100 PLS lb
Switchgrass	Panicum virgatum	3.50%	8.0	1.560 PLS lb
Fowl Bluegrass	Poa palustris	0.47%	10.0	0.210 PLS lb
Prairie Cord Grass	Spartina pectinata	0.74%	0.8	0.330 PLS lb
Sedges & Rushes				
Common Fox Sedge	Carex stipata	0.07%	0.4	0.030 PLS lb
Pointed-broom Sedge	Carex scoparia	0.18%	2.5	0.080 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.40%	30.4	0.180 PLS lb
Woolgrass	Scirpus cyperinus	0.13%	37.5	0.060 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.11%	0.1	0.050 PLS lb
Swamp Milkweed	Asclepias incarnata	0.22%	0.2	0.100 PLS lb
Devil's Beggartick	Bidens frondosa	0.07%	0.1	0.030 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.09%	1.0	0.040 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.02%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.09%	1.4	0.040 PLS lb
Sneezeweed	Helenium autumnale	0.22%	4.8	0.100 PLS lb
Obedient Plant	Physostegia virginiana	0.04%	0.1	0.020 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.13%	0.3	0.060 PLS lb
Riddell's Goldenrod	Solidago riddellii	0.07%	1.0	0.030 PLS lb
New England Aster	Symphyotrichum novae-angliae	0.13%	1.5	0.060 PLS lb
Blue Vervain	Verbena hastata	0.31%	4.8	0.140 PLS lb
Common Ironweed	Vernonia fasciculata	0.16%	0.6	0.070 PLS lb
Golden Alexanders	Zizia aurea	0.34%	0.6	0.150 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	78.48%	15.4	35.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 33-261 Stormwater South & West Mix
Seeding Rate: 35 lb/acre (178.7 seeds/square foot)
Notes: Stormwater pond edges, temporarily flooded dry ponds, and temporarily flooded ditch bottoms.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	5.71%	7.3	2.000 PLS lb
Fringed Brome	Bromus ciliatus	5.71%	7.3	2.000 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.17%	6.2	0.060 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.86%	2.5	1.000 PLS lb
Virginia Wild Rye	Elymus virginicus	4.29%	2.3	1.500 PLS lb
Switchgrass	Panicum virgatum	1.09%	2.0	0.380 PLS lb
Fowl Bluegrass	Poa palustris	3.03%	50.6	1.060 PLS lb
Indiangrass	Sorghastrum nutans	0.34%	0.5	0.120 PLS lb
Prairie Cord Grass	Spartina pectinata	1.09%	0.9	0.380 PLS lb
Sedges & Rushes				
Common Fox Sedge	Carex stipata	0.71%	3.1	0.250 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.54%	32.1	0.190 PLS lb
Woolgrass	Scirpus cyperinus	0.17%	37.5	0.060 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.20%	0.2	0.070 PLS lb
Swamp Milkweed	Asclepias incarnata	0.31%	0.2	0.110 PLS lb
Devil's Beggartick	Bidens frondosa	0.31%	0.2	0.110 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.17%	1.5	0.060 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.17%	2.1	0.060 PLS lb
Sneezeweed	Helenium autumnale	0.37%	6.2	0.130 PLS lb
Obedient Plant	Physostegia virginiana	0.20%	0.3	0.070 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.20%	0.4	0.070 PLS lb
New England Aster	Symphyotrichum novae-angliae	0.20%	1.7	0.070 PLS lb
Blue Vervain	Verbena hastata	0.14%	1.7	0.050 PLS lb
Golden Alexanders	Zizia aurea	0.57%	0.8	0.200 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	71.43%	11.0	25.000 PLS lb

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SHOOTING STAR
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Description: BWSR 33-262 Dry Swale/Pond Mix
Seeding Rate: 44 lb/acre (163.2 seeds/square foot)
Notes: Temporarily flooded swales in agricultural settings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	3.41%	5.5	1.500 PLS lb
American Sloughgrass	Beckmannia syzigachne	3.41%	27.5	1.500 PLS lb
Fringed Brome	Bromus ciliatus	3.41%	5.5	1.500 PLS lb
Canada Wild Rye	Elymus canadensis	9.09%	7.6	4.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	9.09%	10.1	4.000 PLS lb
Virginia Wild Rye	Elymus virginicus	5.68%	3.9	2.500 PLS lb
Switchgrass	Panicum virgatum	0.91%	2.1	0.400 PLS lb
Fowl Bluegrass	Poa palustris	3.64%	76.4	1.600 PLS lb
Indiangrass	Sorghastrum nutans	3.41%	6.6	1.500 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.14%	0.1	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.20%	0.6	0.090 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.20%	0.2	0.090 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.20%	0.2	0.090 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.16%	2.4	0.070 PLS lb
Blue Vervain	Verbena hastata	0.23%	3.4	0.100 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	56.82%	11.0	25.000 PLS lb

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Description: BWSR 33-361 Stormwater Northeast Mix
Seeding Rate: 35 lb/acre (218.4 seeds/square foot)
Notes: Stormwater pond edges, temporarily flooded dry ponds, and temporarily flooded ditch bottoms.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	10.43%	13.4	3.650 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.14%	5.1	0.050 PLS lb
Canada Wild Rye	Elymus canadensis	5.71%	3.8	2.000 PLS lb
Virginia Wild Rye	Elymus virginicus	5.71%	3.1	2.000 PLS lb
American Manna Grass	Glyceria grandis	0.46%	4.1	0.160 PLS lb
Fowl Bluegrass	Poa palustris	1.83%	30.6	0.640 PLS lb
Sedges & Rushes				
Porcupine Sedge	Carex hystericina	0.26%	1.0	0.090 PLS lb
Pointed-broom Sedge	Carex scoparia	0.11%	1.2	0.040 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.77%	45.6	0.270 PLS lb
Woolgrass	Scirpus cyperinus	0.29%	62.4	0.100 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.29%	0.3	0.100 PLS lb
Swamp Milkweed	Asclepias incarnata	1.29%	0.8	0.450 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.29%	2.5	0.100 PLS lb
Boneset	Eupatorium perfoliatum	0.14%	2.9	0.050 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.11%	5.1	0.040 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.43%	5.2	0.150 PLS lb
Monkey Flower	Mimulus ringens	0.06%	16.9	0.020 PLS lb
Giant Goldenrod	Solidago gigantea	0.06%	1.8	0.020 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.06%	1.2	0.020 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.14%	0.2	0.050 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	71.43%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

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Description: BWSR 34-161 Early Successional Floodplain General Mix

Seeding Rate: 33.2 lb/acre (56 seeds/square foot)

Notes: This mix has been designed for areas with floodplains of rivers and streams and full to partial sun. It is commonly used where land is being converted from other uses such as agriculture or non-native grasses. It has relatively low diversity as it is designed for projects where natural colonization of grasses, sedges, forbs and woody vegetation is expected following flooding.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Riverbank Wild Rye	Elymus riparius	0.84%	0.3	0.280 PLS lb
Silky Wild Rye	Elymus villosus	0.90%	0.6	0.300 PLS lb
Slender Wheatgrass	Elymus trachycaulus	5.36%	4.5	1.780 PLS lb
Virginia Wild Rye	Elymus virginicus	9.76%	5.0	3.240 PLS lb
Switchgrass	Panicum virgatum	5.87%	10.0	1.950 PLS lb
Fowl Bluegrass	Poa palustris	0.75%	11.9	0.250 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.18%	0.1	0.060 PLS lb
Sneezeweed	Helenium autumnale	0.18%	2.9	0.060 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.06%	3.7	0.020 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.12%	0.2	0.040 PLS lb
Blue Vervain	Verbena hastata	0.45%	5.1	0.150 PLS lb
Common Ironweed	Vernonia fasciculata	0.21%	0.6	0.070 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	75.30%	11.0	25.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 34-171 Wetland Rehabilitation Mix
Seeding Rate: 5.3 lb/acre (279.8 seeds/square foot)
Notes: Interseeding into establishing wetlands after weed control spraying. Also suitable for two to five year short-term soil stabilization for areas with saturated soils.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Virginia Wild Rye	Elymus virginicus	56.60%	4.6	3.000 PLS lb
Fowl Bluegrass	Poa palustris	18.87%	47.8	1.000 PLS lb
Sedges & Rushes				
Brown Fox Sedge	Carex vulpinoidea	3.77%	7.3	0.200 PLS lb
Path Rush	Juncus tenuis	3.02%	58.8	0.160 PLS lb
Dark Green Bulrush	Scirpus atrovirens	6.79%	60.8	0.360 PLS lb
Woolgrass	Scirpus cyperinus	1.51%	50.0	0.080 PLS lb
Forbs				
Nodding Bur Marigold	Bidens cernua	2.45%	1.0	0.130 PLS lb
Water Horehound	Lycopus americanus	6.23%	15.8	0.330 PLS lb
Monkey Flower	Mimulus ringens	0.75%	33.8	0.040 PLS lb

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Description: BWSR 34-172 Wetland Rehabilitation Mix

Seeding Rate: 3.7 lb/acre (202.7 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation within a foot of the surface during most of the growing season and full to partial sun where a wet meadow plant community is the goal. The mix is intended for wetlands where restoration projects need supplemental seeding or sites where there is some establishment from the seedbank, but additional cover of native wetland species is needed.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	7.30%	5.0	0.270 PLS lb
Bluejoint Grass	Calamagrostis canadensis	1.08%	4.1	0.040 PLS lb
Virginia Wild Rye	Elymus virginicus	52.43%	3.0	1.940 PLS lb
Fowl Manna Grass	Glyceria striata	6.49%	14.1	0.240 PLS lb
Fowl Bluegrass	Poa palustris	12.43%	22.0	0.460 PLS lb
Sedges & Rushes				
Brown Fox Sedge	Carex vulpinoidea	5.95%	8.1	0.220 PLS lb
Dudley's Rush	Juncus dudleyi	0.81%	35.3	0.030 PLS lb
Dark Green Bulrush	Scirpus atrovirens	6.49%	40.6	0.240 PLS lb
Woolgrass	Scirpus cyperinus	1.62%	37.5	0.060 PLS lb
Forbs				
Nodding Bur Marigold	Bidens cernua	2.43%	0.7	0.090 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.54%	3.7	0.020 PLS lb
Water Horehound	Lycopus americanus	1.35%	2.4	0.050 PLS lb
Wild Mint	Mentha arvensis	0.27%	1.1	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.81%	25.3	0.030 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

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NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 34-181 Emergent Wetland Mix
Seeding Rate: 5 lb/acre (110.1 seeds/square foot)
Notes: Emergent wetland restoration for use in wetland mitigation, shoreline restoration and wet stormwater ponds where emergent vegetation is desired.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	14.00%	12.9	0.700 PLS lb
American Manna Grass	Glyceria grandis	5.00%	6.4	0.250 PLS lb
Rice Cut Grass	Leersia oryzoides	6.00%	3.7	0.300 PLS lb
Sedges & Rushes				
River Bulrush	Bolboschoenus fluviatilis	15.20%	1.2	0.760 PLS lb
Bottlebrush Sedge	Carex comosa	3.60%	2.0	0.180 PLS lb
Lake Sedge	Carex lacustris	1.20%	0.2	0.060 PLS lb
Tussock Sedge	Carex stricta	0.80%	0.8	0.040 PLS lb
Needle Spikerush	Eleocharis acicularis	2.00%	2.6	0.100 PLS lb
Common Spikerush	Eleocharis palustris	2.00%	1.9	0.100 PLS lb
Torrey's Rush	Juncus torreyi	0.80%	23.5	0.040 PLS lb
Three-square Bulrush	Schoenoplectus pungens	4.60%	1.0	0.230 PLS lb
Softstem Bulrush	Schoenoplectus tabernaemontani	8.80%	5.0	0.440 PLS lb
Woolgrass	Scirpus cyperinus	1.00%	31.2	0.050 PLS lb
Forbs				
Sweet Flag	Acorus americanus	5.60%	0.7	0.280 PLS lb
Northern Water Plantain	Alisma triviale	8.00%	9.7	0.400 PLS lb
Swamp Milkweed	Asclepias incarnata	5.60%	0.5	0.280 PLS lb
Common Arrowhead	Sagittaria latifolia	6.00%	6.7	0.300 PLS lb
Giant Bur Reed	Sparganium eurycarpum	9.80%	0.1	0.490 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

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NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 34-182 Emergent Wetland Mix

Seeding Rate: 5.2 lb/acre (103.4 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation to the surface to two feet deep during a majority of the growing season and full to partial sun along ponds, wetlands, or lakeshores or for wetland restoration projects where land is being converted from other uses such as agriculture or non-native grasses to a wetland restoration.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	18.85%	18.0	0.980 PLS lb
American Manna Grass	Glyceria grandis	5.38%	7.2	0.280 PLS lb
Rice Cut Grass	Leersia oryzoides	7.50%	4.9	0.390 PLS lb
Sedges & Rushes				
River Bulrush	Bolboschoenus fluviatilis	12.12%	1.0	0.630 PLS lb
Bottlebrush Sedge	Carex comosa	3.46%	2.0	0.180 PLS lb
Pointed-broom Sedge	Carex scoparia	1.92%	3.1	0.100 PLS lb
Tussock Sedge	Carex stricta	0.19%	0.2	0.010 PLS lb
Northwest Territory Sedge	Carex utriculata	0.96%	0.2	0.050 PLS lb
Needle Spikerush	Eleocharis acicularis	0.96%	1.3	0.050 PLS lb
Common Spikerush	Eleocharis palustris	0.96%	0.9	0.050 PLS lb
Torrey's Rush	Juncus torreyi	0.19%	5.9	0.010 PLS lb
Three-square Bulrush	Schoenoplectus pungens	2.12%	0.5	0.110 PLS lb
Softstem Bulrush	Schoenoplectus tabernaemontani	5.77%	3.4	0.300 PLS lb
Dark Green Bulrush	Scirpus atrovirens	2.31%	20.3	0.120 PLS lb
Woolgrass	Scirpus cyperinus	0.77%	25.0	0.040 PLS lb
Forbs				
Sweet Flag	Acorus americanus	4.04%	0.5	0.210 PLS lb
Northern Water Plantain	Alisma triviale	2.31%	2.9	0.120 PLS lb
Swamp Milkweed	Asclepias incarnata	1.92%	0.2	0.100 PLS lb
Nodding Bur Marigold	Bidens cernua	2.50%	1.0	0.130 PLS lb
Northern Blue Flag Iris	Iris versicolor	1.54%	0.0	0.080 PLS lb
Water Horehound	Lycopus americanus	0.77%	1.9	0.040 PLS lb
Common Arrowhead	Sagittaria latifolia	2.50%	2.9	0.130 PLS lb
Giant Bur Reed	Sparganium eurycarpum	20.96%	0.2	1.090 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 34-183 Emergent Wetland RIM Project Mix

Seeding Rate: 3.7 lb/acre (121.1 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation to the surface to two feet deep during a majority of the growing season and full to partial sun along ponds, wetlands, or lakeshores or for wetland restoration projects where land is being converted from other uses such as agriculture or non-native grasses to a wetland restoration. This mix has been designed for RIM or CRP conservation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	32.43%	22.0	1.200 PLS lb
American Manna Grass	Glyceria grandis	4.86%	4.6	0.180 PLS lb
Rice Cut Grass	Leersia oryzoides	3.24%	1.5	0.120 PLS lb
Fowl Bluegrass	Poa palustris	9.19%	16.2	0.340 PLS lb
Prairie Cord Grass	Spartina pectinata	5.68%	0.5	0.210 PLS lb
Sedges & Rushes				
River Bulrush	Bolboschoenus fluviatilis	3.51%	0.2	0.130 PLS lb
Bottlebrush Sedge	Carex comosa	2.43%	1.0	0.090 PLS lb
Lake Sedge	Carex lacustris	0.54%	0.1	0.020 PLS lb
Tussock Sedge	Carex stricta	0.54%	0.4	0.020 PLS lb
Common Spikerush	Eleocharis palustris	0.81%	0.6	0.030 PLS lb
Torrey's Rush	Juncus torreyi	0.81%	17.6	0.030 PLS lb
Softstem Bulrush	Schoenoplectus tabernaemontani	4.32%	1.8	0.160 PLS lb
Dark Green Bulrush	Scirpus atrovirens	3.51%	22.0	0.130 PLS lb
Woolgrass	Scirpus cyperinus	1.08%	25.0	0.040 PLS lb
Forbs				
Sweet Flag	Acorus americanus	3.24%	0.3	0.120 PLS lb
Northern Water Plantain	Alisma triviale	3.24%	2.9	0.120 PLS lb
Swamp Milkweed	Asclepias incarnata	4.59%	0.3	0.170 PLS lb
Nodding Bur Marigold	Bidens cernua	2.16%	0.6	0.080 PLS lb
Northern Blue Flag Iris	Iris versicolor	2.70%	0.0	0.100 PLS lb
Common Arrowhead	Sagittaria latifolia	2.97%	2.5	0.110 PLS lb
Giant Bur Reed	Sparganium eurycarpum	7.30%	0.0	0.270 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.81%	0.9	0.030 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 34-191 Deep Marsh Mix

Seeding Rate: 2.85 lb/acre (34.7 seeds/square foot)

Notes: This mix has been designed for areas being restored to deep marsh plant communities with 1.5 to 3 feet of water during most of the growing season and full to partial sun. The mix is most often used in areas where unproductive agricultural fields are being converted to wetland restoration projects for mitigation purposes. The mix can also be used for shallow lakes if conditions are suitable for seeding.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	37.89%	19.8	1.080 PLS lb
American Manna Grass	Glyceria grandis	9.47%	6.9	0.270 PLS lb
Sedges & Rushes				
River Bulrush	Bolboschoenus fluviatilis	26.32%	1.2	0.750 PLS lb
Common Spikerush	Eleocharis palustris	2.11%	1.1	0.060 PLS lb
Softstem Bulrush	Schoenoplectus tabernaemontani	15.44%	5.0	0.440 PLS lb
Forbs				
Sweet Flag	Acorus americanus	8.77%	0.6	0.250 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 34-261 Riparian South & West Mix

Seeding Rate: 31.5 lb/acre (198.8 seeds/square foot)

Notes: Native riparian and floodplain plantings for wetland mitigation, ecological restoration, or general permanent cover after culvert or bridge work. Tolerates partial shade.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	4.32%	25.0	1.360 PLS lb
Riverbank Wild Rye	Elymus riparius	1.59%	0.5	0.500 PLS lb
Virginia Wild Rye	Elymus virginicus	5.56%	2.7	1.750 PLS lb
American Manna Grass	Glyceria grandis	0.79%	6.4	0.250 PLS lb
Fowl Manna Grass	Glyceria striata	0.29%	5.3	0.090 PLS lb
Rice Cut Grass	Leersia oryzoides	0.51%	2.0	0.160 PLS lb
Fowl Bluegrass	Poa palustris	2.67%	40.1	0.840 PLS lb
Prairie Cord Grass	Spartina pectinata	0.95%	0.7	0.300 PLS lb
Sedges & Rushes				
Pointed-broom Sedge	Carex scoparia	0.19%	1.9	0.060 PLS lb
Tussock Sedge	Carex stricta	0.13%	0.8	0.040 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.63%	7.3	0.200 PLS lb
Path Rush	Juncus tenuis	0.10%	11.0	0.030 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.38%	20.3	0.120 PLS lb
Woolgrass	Scirpus cyperinus	0.16%	31.2	0.050 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.38%	0.2	0.120 PLS lb
Boneset	Eupatorium perfoliatum	0.10%	1.8	0.030 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.19%	2.1	0.060 PLS lb
Sneezeweed	Helenium autumnale	0.16%	2.4	0.050 PLS lb
Giant Sunflower	Helianthus giganteus	0.22%	0.3	0.070 PLS lb
Spotted Touch-me-not	Impatiens capensis	0.16%	0.1	0.050 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.10%	5.5	0.030 PLS lb
Monkey Flower	Mimulus ringens	0.03%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.16%	4.0	0.050 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.16%	0.3	0.050 PLS lb
Giant Goldenrod	Solidago gigantea	0.06%	1.8	0.020 PLS lb
Blue Vervain	Verbena hastata	0.48%	5.1	0.150 PLS lb
Common Ironweed	Vernonia fasciculata	0.19%	0.5	0.060 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	79.37%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 34-262 Wet Prairie Mix
Seeding Rate: 14.5 lb/acre (128.4 seeds/square foot)
Notes: Wet prairie reconstruction for wetland mitigation or ecological restoration.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	6.90%	3.7	1.000 PLS lb
Fringed Brome	Bromus ciliatus	10.34%	5.5	1.500 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.28%	4.1	0.040 PLS lb
Virginia Wild Rye	Elymus virginicus	12.07%	2.7	1.750 PLS lb
American Manna Grass	Glyceria grandis	1.03%	3.9	0.150 PLS lb
Fowl Manna Grass	Glyceria striata	0.76%	6.5	0.110 PLS lb
Switchgrass	Panicum virgatum	5.17%	3.9	0.750 PLS lb
Fowl Bluegrass	Poa palustris	1.38%	9.6	0.200 PLS lb
Indiangrass	Sorghastrum nutans	3.45%	2.2	0.500 PLS lb
Prairie Cord Grass	Spartina pectinata	3.45%	1.2	0.500 PLS lb
Sedges & Rushes				
Woolly Sedge	Carex pellita	0.34%	0.5	0.050 PLS lb
Tussock Sedge	Carex stricta	0.14%	0.4	0.020 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.69%	3.7	0.100 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.69%	16.9	0.100 PLS lb
Woolgrass	Scirpus cyperinus	0.21%	18.7	0.030 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.21%	0.1	0.030 PLS lb
Swamp Milkweed	Asclepias incarnata	0.55%	0.1	0.080 PLS lb
Showy Tick Trefoil	Desmodium canadense	3.45%	1.0	0.500 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.34%	1.2	0.050 PLS lb
Boneset	Eupatorium perfoliatum	0.21%	1.8	0.030 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.14%	2.6	0.020 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.28%	1.4	0.040 PLS lb
Sneezeweed	Helenium autumnale	0.34%	2.4	0.050 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.34%	0.3	0.050 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.14%	0.1	0.020 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.07%	1.8	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.07%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.55%	6.5	0.080 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.55%	2.4	0.080 PLS lb
Blue Vervain	Verbena hastata	1.03%	5.1	0.150 PLS lb
Common Ironweed	Vernonia fasciculata	0.21%	0.3	0.030 PLS lb
Culver's Root	Veronicastrum virginicum	0.14%	5.9	0.020 PLS lb
Golden Alexanders	Zizia aurea	1.72%	1.0	0.250 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	42.76%	2.7	6.200 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 34-265 Riparian South & West Mix

Seeding Rate: 32.5 lb/acre (185 seeds/square foot)

Notes: This mix has been designed for riparian areas along rivers, streams, and other waterbodies in southern and western Minnesota with areas of moist soils and potential flooding during part of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to riparian plants.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	6.71%	8.0	2.180 PLS lb
American Sloughgrass	Beckmannia syzigachne	2.00%	11.9	0.650 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.06%	2.1	0.020 PLS lb
Riverbank Wild Rye	Elymus riparius	0.92%	0.3	0.300 PLS lb
Silky Wild Rye	Elymus villosus	0.77%	0.5	0.250 PLS lb
Virginia Wild Rye	Elymus virginicus	4.00%	2.0	1.300 PLS lb
American Manna Grass	Glyceria grandis	0.37%	3.1	0.120 PLS lb
Fowl Manna Grass	Glyceria striata	0.25%	4.7	0.080 PLS lb
Rice Cut Grass	Leersia oryzoides	0.25%	1.0	0.080 PLS lb
Fowl Bluegrass	Poa palustris	0.77%	11.9	0.250 PLS lb
Prairie Cord Grass	Spartina pectinata	0.52%	0.4	0.170 PLS lb
Sedges & Rushes				
Porcupine Sedge	Carex hystericina	0.28%	1.0	0.090 PLS lb
Pointed-broom Sedge	Carex scoparia	0.40%	4.0	0.130 PLS lb
Common Fox Sedge	Carex stipata	0.12%	0.5	0.040 PLS lb
Tussock Sedge	Carex stricta	0.03%	0.2	0.010 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.37%	4.4	0.120 PLS lb
Common Spikerush	Eleocharis palustris	0.06%	0.4	0.020 PLS lb
Path Rush	Juncus tenuis	0.06%	7.3	0.020 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.37%	20.3	0.120 PLS lb
Woolgrass	Scirpus cyperinus	0.15%	31.2	0.050 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.09%	0.1	0.030 PLS lb
Swamp Milkweed	Asclepias incarnata	0.80%	0.5	0.260 PLS lb
Nodding Bur Marigold	Bidens cernua	0.15%	0.4	0.050 PLS lb
Marsh Marigold	Caltha palustris	0.03%	0.1	0.010 PLS lb
Boneset	Eupatorium perfoliatum	0.09%	1.8	0.030 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.03%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.28%	3.1	0.090 PLS lb
Sneezeweed	Helenium autumnale	0.31%	4.8	0.100 PLS lb
Giant Sunflower	Helianthus giganteus	0.09%	0.1	0.030 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.09%	5.5	0.030 PLS lb
Winged Loosestrife	Lythrum alatum	0.03%	11.0	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.06%	16.9	0.020 PLS lb
Swamp Lousewort	Pedicularis lanceolata	0.09%	0.5	0.030 PLS lb
Obedient Plant	Physostegia virginiana	0.06%	0.1	0.020 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.06%	1.6	0.020 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.31%	0.5	0.100 PLS lb
Cup Plant	Silphium perfoliatum	0.62%	0.1	0.200 PLS lb
Riddell's Goldenrod	Solidago riddellii	0.03%	0.3	0.010 PLS lb

Panicled Aster	Symphyotrichum lanceolatum	0.09%	1.7	0.030	PLS lb
New England Aster	Symphyotrichum novae-angliae	0.09%	0.7	0.030	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.06%	0.1	0.020	PLS lb
Blue Vervain	Verbena hastata	0.28%	3.1	0.090	PLS lb
Common Ironweed	Vernonia fasciculata	0.22%	0.6	0.070	PLS lb
Culver's Root	Veronicastrum virginicum	0.03%	2.9	0.010	PLS lb
Golden Alexanders	Zizia aurea	0.62%	0.8	0.200	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	76.92%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 34-266 Wet Prairie Mix

Seeding Rate: 32.5 lb/acre (149.4 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation within a foot of the surface during most of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to a wetland restoration. This mix is most often used as part of prairie pothole restoration projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	3.35%	4.0	1.090 PLS lb
Fringed Brome	Bromus ciliatus	2.28%	2.7	0.740 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.12%	4.1	0.040 PLS lb
Virginia Wild Rye	Elymus virginicus	4.98%	2.5	1.620 PLS lb
American Manna Grass	Glyceria grandis	0.25%	2.1	0.080 PLS lb
Fowl Manna Grass	Glyceria striata	0.34%	6.5	0.110 PLS lb
Switchgrass	Panicum virgatum	1.78%	3.0	0.580 PLS lb
Fowl Bluegrass	Poa palustris	0.31%	4.8	0.100 PLS lb
Indiangrass	Sorghastrum nutans	1.38%	2.0	0.450 PLS lb
Prairie Cord Grass	Spartina pectinata	2.58%	2.0	0.840 PLS lb
Sedges & Rushes				
Woolly Sedge	Carex pellita	0.12%	0.4	0.040 PLS lb
Pointed-broom Sedge	Carex scoparia	0.25%	2.5	0.080 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.49%	5.9	0.160 PLS lb
Dudley's Rush	Juncus dudleyi	0.03%	11.8	0.010 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.28%	15.2	0.090 PLS lb
Woolgrass	Scirpus cyperinus	0.06%	12.5	0.020 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Canada Anemone	Anemone canadensis	0.06%	0.1	0.020 PLS lb
Swamp Milkweed	Asclepias incarnata	0.52%	0.3	0.170 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.31%	0.2	0.100 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.06%	0.5	0.020 PLS lb
Boneset	Eupatorium perfoliatum	0.09%	1.8	0.030 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.03%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.09%	1.0	0.030 PLS lb
Bottle Gentian	Gentiana andrewsii	0.03%	1.0	0.010 PLS lb
Sneezeweed	Helenium autumnale	0.18%	2.9	0.060 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.12%	0.2	0.040 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.09%	0.1	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.34%	0.4	0.110 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.06%	3.7	0.020 PLS lb
Water Horehound	Lycopus americanus	0.09%	1.4	0.030 PLS lb
Winged Loosestrife	Lythrum alatum	0.03%	11.0	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.03%	8.4	0.010 PLS lb
Stiff Goldenrod	Solidago rigida	0.09%	0.5	0.030 PLS lb
Swamp Lousewort	Pedicularis lanceolata	0.18%	1.0	0.060 PLS lb
Prairie Phlox	Phlox pilosa	0.03%	0.1	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.09%	2.4	0.030 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.09%	1.0	0.030 PLS lb

Riddell's Goldenrod	Solidago riddellii	0.12%	1.4	0.040	PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010	PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.03%	0.6	0.010	PLS lb
New England Aster	Symphyotrichum novae-angliae	0.12%	1.0	0.040	PLS lb
Swamp Aster	Symphyotrichum puniceum	0.06%	0.6	0.020	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.18%	0.2	0.060	PLS lb
Blue Vervain	Verbena hastata	0.46%	5.1	0.150	PLS lb
Common Ironweed	Vernonia fasciculata	0.09%	0.3	0.030	PLS lb
Culver's Root	Veronicastrum virginicum	0.06%	5.9	0.020	PLS lb
Golden Alexanders	Zizia aurea	0.62%	0.8	0.200	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	76.92%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 34-271 Wet Meadow South & West Mix
Seeding Rate: 12 lb/acre (189.6 seeds/square foot)
Notes: Wet meadow/sedge meadow reconstruction for wetland mitigation or ecological restoration projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	9.17%	4.0	1.100 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.42%	5.1	0.050 PLS lb
Virginia Wild Rye	Elymus virginicus	8.33%	1.5	1.000 PLS lb
American Manna Grass	Glyceria grandis	1.25%	3.9	0.150 PLS lb
Fowl Manna Grass	Glyceria striata	0.83%	5.9	0.100 PLS lb
Rice Cut Grass	Leersia oryzoides	2.08%	3.1	0.250 PLS lb
Fowl Bluegrass	Poa palustris	2.92%	16.7	0.350 PLS lb
Sedges & Rushes				
Bottlebrush Sedge	Carex comosa	1.75%	2.3	0.210 PLS lb
Pointed-broom Sedge	Carex scoparia	0.42%	1.5	0.050 PLS lb
Common Fox Sedge	Carex stipata	1.42%	2.1	0.170 PLS lb
Tussock Sedge	Carex stricta	0.25%	0.6	0.030 PLS lb
Brown Fox Sedge	Carex vulpinoidea	1.17%	5.1	0.140 PLS lb
Path Rush	Juncus tenuis	0.33%	14.7	0.040 PLS lb
Dark Green Bulrush	Scirpus atrovirens	1.50%	30.4	0.180 PLS lb
Woolgrass	Scirpus cyperinus	0.67%	50.0	0.080 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	2.00%	0.4	0.240 PLS lb
Boneset	Eupatorium perfoliatum	0.17%	1.2	0.020 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.08%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.17%	0.7	0.020 PLS lb
Sneezeweed	Helenium autumnale	0.25%	1.4	0.030 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.33%	0.2	0.040 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.17%	3.7	0.020 PLS lb
Monkey Flower	Mimulus ringens	0.08%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.50%	4.8	0.060 PLS lb
Giant Goldenrod	Solidago gigantea	0.17%	1.8	0.020 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.25%	1.7	0.030 PLS lb
Swamp Aster	Symphyotrichum puniceum	1.42%	5.0	0.170 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.08%	0.0	0.010 PLS lb
Blue Vervain	Verbena hastata	1.08%	4.4	0.130 PLS lb
Common Ironweed	Vernonia fasciculata	0.25%	0.3	0.030 PLS lb
Culver's Root	Veronicastrum virginicum	0.08%	2.9	0.010 PLS lb
Golden Alexanders	Zizia aurea	2.08%	1.0	0.250 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	58.33%	3.1	7.000 PLS lb

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NATIVE SEEDS
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Description: BWSR 34-272 Wet Meadow South & West Mix

Seeding Rate: 29.55 lb/acre (214.1 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation within a foot of the surface during a majority of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to a wetland restoration.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	0.85%	0.9	0.250 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.17%	5.1	0.050 PLS lb
Virginia Wild Rye	Elymus virginicus	2.91%	1.3	0.860 PLS lb
American Manna Grass	Glyceria grandis	0.41%	3.1	0.120 PLS lb
Fowl Manna Grass	Glyceria striata	0.30%	5.3	0.090 PLS lb
Rice Cut Grass	Leersia oryzoides	0.68%	2.5	0.200 PLS lb
Fowl Bluegrass	Poa palustris	1.18%	16.7	0.350 PLS lb
Prairie Cord Grass	Spartina pectinata	1.12%	0.8	0.330 PLS lb
Sedges & Rushes				
Bottlebrush Sedge	Carex comosa	0.30%	1.0	0.090 PLS lb
Porcupine Sedge	Carex hystericina	0.30%	1.0	0.090 PLS lb
Woolly Sedge	Carex pellita	0.07%	0.2	0.020 PLS lb
Pointed-broom Sedge	Carex scoparia	0.44%	4.0	0.130 PLS lb
Common Fox Sedge	Carex stipata	0.24%	0.9	0.070 PLS lb
Tussock Sedge	Carex stricta	0.03%	0.2	0.010 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.54%	5.9	0.160 PLS lb
Dudley's Rush	Juncus dudleyi	0.07%	23.5	0.020 PLS lb
Path Rush	Juncus tenuis	0.03%	3.7	0.010 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.58%	28.7	0.170 PLS lb
Woolgrass	Scirpus cyperinus	0.10%	18.7	0.030 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.88%	0.5	0.260 PLS lb
Nodding Bur Marigold	Bidens cernua	0.14%	0.3	0.040 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.07%	0.5	0.020 PLS lb
Boneset	Eupatorium perfoliatum	0.10%	1.8	0.030 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.03%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.20%	2.1	0.060 PLS lb
Sneezeweed	Helenium autumnale	0.27%	3.8	0.080 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.17%	0.3	0.050 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.10%	5.5	0.030 PLS lb
Water Horehound	Lycopus americanus	0.20%	2.9	0.060 PLS lb
Winged Loosestrife	Lythrum alatum	0.07%	22.0	0.020 PLS lb
Monkey Flower	Mimulus ringens	0.07%	16.9	0.020 PLS lb
Swamp Lousewort	Pedicularis lanceolata	0.24%	1.1	0.070 PLS lb
Obedient Plant	Physostegia virginiana	0.07%	0.1	0.020 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.14%	3.2	0.040 PLS lb
Riddell's Goldenrod	Solidago riddellii	0.10%	1.0	0.030 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.10%	1.7	0.030 PLS lb
New England Aster	Symphyotrichum novae-angliae	0.14%	1.0	0.040 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.10%	0.9	0.030 PLS lb

Purple Meadow Rue	Thalictrum dasycarpum	0.10%	0.1	0.030 PLS lb
Blue Vervain	Verbena hastata	0.47%	4.8	0.140 PLS lb
Common Ironweed	Vernonia fasciculata	0.30%	0.8	0.090 PLS lb
Culver's Root	Veronicastrum virginicum	0.07%	5.9	0.020 PLS lb
Golden Alexanders	Zizia aurea	0.95%	1.1	0.280 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	84.60%	11.0	25.00 PLS lb

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SHOOTING STAR
NATIVE SEEDS

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Description: BWSR 34-273 Wet Meadow Forb, Sedge, Rush South & West Mix

Seeding Rate: 3.1 lb/acre (170.4 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation within a foot of the surface during most of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to a wet meadow wetland restoration. It is designed for areas where there is a likelihood of invasive grasses such as reed canary grass and phragmites, and grass herbicides will be used as part of the management of the planting.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Virginia Wild Rye	Elymus virginicus	32.26%	1.5	1.000 PLS lb
Rice Cut Grass	Leersia oryzoides	4.19%	1.6	0.130 PLS lb
Fowl Bluegrass	Poa palustris	3.87%	5.7	0.120 PLS lb
Sedges & Rushes				
Woolly Sedge	Carex pellita	1.61%	0.5	0.050 PLS lb
Pointed-broom Sedge	Carex scoparia	4.19%	4.0	0.130 PLS lb
Common Fox Sedge	Carex stipata	4.52%	1.7	0.140 PLS lb
Tussock Sedge	Carex stricta	0.65%	0.4	0.020 PLS lb
Northwest Territory Sedge	Carex utriculata	1.61%	0.2	0.050 PLS lb
Brown Fox Sedge	Carex vulpinoidea	7.10%	8.1	0.220 PLS lb
Dudley's Rush	Juncus dudleyi	0.65%	23.5	0.020 PLS lb
Dark Green Bulrush	Scirpus atrovirens	2.90%	15.2	0.090 PLS lb
Woolgrass	Scirpus cyperinus	0.97%	18.7	0.030 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	8.06%	0.4	0.250 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.65%	0.5	0.020 PLS lb
Boneset	Eupatorium perfoliatum	0.65%	1.2	0.020 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.65%	2.6	0.020 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.65%	0.7	0.020 PLS lb
Sneezeweed	Helenium autumnale	1.94%	2.9	0.060 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.97%	0.2	0.030 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.65%	3.7	0.020 PLS lb
Winged Loosestrife	Lythrum alatum	1.29%	44.1	0.040 PLS lb
Monkey Flower	Mimulus ringens	0.65%	16.9	0.020 PLS lb
Obedient Plant	Physostegia virginiana	1.61%	0.2	0.050 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.97%	2.4	0.030 PLS lb
Riddell's Goldenrod	Solidago riddellii	1.61%	1.7	0.050 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.97%	1.7	0.030 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.97%	0.9	0.030 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	1.29%	0.2	0.040 PLS lb
Blue Vervain	Verbena hastata	4.52%	4.8	0.140 PLS lb
Common Ironweed	Vernonia fasciculata	2.26%	0.6	0.070 PLS lb
Culver's Root	Veronicastrum virginicum	0.32%	2.9	0.010 PLS lb
Golden Alexanders	Zizia aurea	4.84%	0.6	0.150 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

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Description: BWSR 34-274 Wet Meadow South & West RIM Project Mix

Seeding Rate: 8.6 lb/acre (126.8 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation within a foot of the surface during a majority of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to a wetland restoration. The mix has been designed for RIM and CRP projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	17.79%	5.6	1.530 PLS lb
Fringed Brome	Bromus ciliatus	2.91%	0.9	0.250 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.12%	1.0	0.010 PLS lb
Virginia Wild Rye	Elymus virginicus	26.74%	3.5	2.300 PLS lb
American Manna Grass	Glyceria grandis	0.12%	0.3	0.010 PLS lb
Fowl Manna Grass	Glyceria striata	0.93%	4.7	0.080 PLS lb
Rice Cut Grass	Leersia oryzoides	0.23%	0.2	0.020 PLS lb
Switchgrass	Panicum virgatum	20.35%	9.0	1.750 PLS lb
Fowl Bluegrass	Poa palustris	4.42%	18.1	0.380 PLS lb
Indiangrass	Sorghastrum nutans	11.63%	4.4	1.000 PLS lb
Prairie Cord Grass	Spartina pectinata	1.98%	0.4	0.170 PLS lb
Sedges & Rushes				
Bebb's Sedge	Carex bebbii	0.35%	0.4	0.030 PLS lb
Bottlebrush Sedge	Carex comosa	0.58%	0.6	0.050 PLS lb
Woolly Sedge	Carex pellita	0.12%	0.1	0.010 PLS lb
Pointed-broom Sedge	Carex scoparia	0.35%	0.9	0.030 PLS lb
Common Fox Sedge	Carex stipata	0.58%	0.6	0.050 PLS lb
Tussock Sedge	Carex stricta	0.12%	0.2	0.010 PLS lb
Brown Fox Sedge	Carex vulpinoidea	1.86%	5.9	0.160 PLS lb
Common Spikerush	Eleocharis palustris	0.12%	0.2	0.010 PLS lb
Path Rush	Juncus tenuis	0.12%	3.7	0.010 PLS lb
Torrey's Rush	Juncus torreyi	0.12%	5.9	0.010 PLS lb
Dark Green Bulrush	Scirpus atrovirens	1.16%	16.9	0.100 PLS lb
Woolgrass	Scirpus cyperinus	0.35%	18.7	0.030 PLS lb
Forbs				
Anise Hyssop	Agastache foeniculum	0.12%	0.3	0.010 PLS lb
Canada Anemone	Anemone canadensis	0.23%	0.1	0.020 PLS lb
Swamp Milkweed	Asclepias incarnata	0.70%	0.1	0.060 PLS lb
Nodding Bur Marigold	Bidens cernua	0.35%	0.2	0.030 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.58%	0.1	0.050 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.12%	0.2	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.23%	0.7	0.020 PLS lb
Boneset	Eupatorium perfoliatum	0.12%	0.6	0.010 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.12%	1.3	0.010 PLS lb
Sneezeweed	Helenium autumnale	0.12%	0.5	0.010 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.23%	0.1	0.020 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.35%	0.1	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.35%	0.1	0.030 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.12%	1.8	0.010 PLS lb
Water Horehound	Lycopus americanus	0.12%	0.5	0.010 PLS lb

Monkey Flower	Mimulus ringens	0.12%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.12%	0.8	0.010 PLS lb
Riddell's Goldenrod	Solidago riddellii	0.35%	1.0	0.030 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.23%	1.2	0.020 PLS lb
New England Aster	Symphyotrichum novae-angliae	0.12%	0.2	0.010 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.12%	0.3	0.010 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.47%	0.2	0.040 PLS lb
Blue Vervain	Verbena hastata	0.81%	2.4	0.070 PLS lb
Common Ironweed	Vernonia fasciculata	0.12%	0.1	0.010 PLS lb
Culver's Root	Veronicastrum virginicum	0.12%	2.9	0.010 PLS lb
Golden Alexanders	Zizia aurea	0.58%	0.2	0.050 PLS lb

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SHOOTING STAR
NATIVE SEEDS

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Description: BWSR 34-361 Riparian Northeast Mix

Seeding Rate: 31.5 lb/acre (211.4 seeds/square foot)

Notes: Native riparian and floodplain plantings for wetland mitigation, ecological restoration, or general permanent cover after culvert or bridge work. Tolerates partial shade.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	4.76%	27.5	1.500 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.19%	6.2	0.060 PLS lb
Riverbank Wild Rye	Elymus riparius	1.59%	0.5	0.500 PLS lb
Virginia Wild Rye	Elymus virginicus	6.35%	3.1	2.000 PLS lb
American Manna Grass	Glyceria grandis	0.79%	6.4	0.250 PLS lb
Fowl Manna Grass	Glyceria striata	0.29%	5.3	0.090 PLS lb
Rice Cut Grass	Leersia oryzoides	0.48%	1.9	0.150 PLS lb
Fowl Bluegrass	Poa palustris	2.22%	33.4	0.700 PLS lb
Sedges & Rushes				
Pointed-broom Sedge	Carex scoparia	0.19%	1.9	0.060 PLS lb
Tussock Sedge	Carex stricta	0.13%	0.8	0.040 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.63%	7.3	0.200 PLS lb
Path Rush	Juncus tenuis	0.10%	11.0	0.030 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.38%	20.3	0.120 PLS lb
Woolgrass	Scirpus cyperinus	0.16%	31.2	0.050 PLS lb
Forbs				
Swamp Milkweed	Asclepias incarnata	0.38%	0.2	0.120 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.13%	1.0	0.040 PLS lb
Boneset	Eupatorium perfoliatum	0.16%	2.9	0.050 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.22%	9.0	0.070 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.35%	3.8	0.110 PLS lb
Giant Sunflower	Helianthus giganteus	0.22%	0.3	0.070 PLS lb
Spotted Touch-me-not	Impatiens capensis	0.10%	0.0	0.030 PLS lb
Monkey Flower	Mimulus ringens	0.06%	16.9	0.020 PLS lb
Giant Goldenrod	Solidago gigantea	0.06%	1.8	0.020 PLS lb
Blue Vervain	Verbena hastata	0.70%	7.5	0.220 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	79.37%	11.0	25.000 PLS lb

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Description: BWSR 34-362 Riparian Northeast Mix

Seeding Rate: 29.85 lb/acre (157.5 seeds/square foot)

Notes: This mix has been designed for riparian areas along rivers, streams, and other waterbodies in northeast Minnesota with areas of moist soils and potential flooding during part of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to riparian plants.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
American Sloughgrass	Beckmannia syzigachne	2.18%	11.9	0.650 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.20%	6.2	0.060 PLS lb
Riverbank Wild Rye	Elymus riparius	1.27%	0.4	0.380 PLS lb
Virginia Wild Rye	Elymus virginicus	4.36%	2.0	1.300 PLS lb
American Manna Grass	Glyceria grandis	0.64%	4.9	0.190 PLS lb
Fowl Manna Grass	Glyceria striata	0.27%	4.7	0.080 PLS lb
Rice Cut Grass	Leersia oryzoides	0.27%	1.0	0.080 PLS lb
Fowl Bluegrass	Poa palustris	0.70%	10.0	0.210 PLS lb
Sedges & Rushes				
Bottlebrush Sedge	Carex comosa	0.30%	1.0	0.090 PLS lb
Lake Sedge	Carex lacustris	0.07%	0.1	0.020 PLS lb
Pointed-broom Sedge	Carex scoparia	0.34%	3.1	0.100 PLS lb
Tussock Sedge	Carex stricta	0.03%	0.2	0.010 PLS lb
Northwest Territory Sedge	Carex utriculata	0.23%	0.3	0.070 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.47%	5.1	0.140 PLS lb
Common Spikerush	Eleocharis palustris	0.10%	0.6	0.030 PLS lb
Path Rush	Juncus tenuis	0.10%	11.0	0.030 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.30%	15.2	0.090 PLS lb
Woolgrass	Scirpus cyperinus	0.07%	12.5	0.020 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.17%	0.1	0.050 PLS lb
Swamp Milkweed	Asclepias incarnata	0.77%	0.4	0.230 PLS lb
Nodding Bur Marigold	Bidens cernua	0.20%	0.5	0.060 PLS lb
Marsh Marigold	Caltha palustris	0.03%	0.1	0.010 PLS lb
Turtlehead	Chelone glabra	0.03%	0.3	0.010 PLS lb
Water Hemlock	Cicuta maculata	0.17%	0.2	0.050 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.10%	0.7	0.030 PLS lb
Boneset	Eupatorium perfoliatum	0.10%	1.8	0.030 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.07%	2.6	0.020 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.20%	2.1	0.060 PLS lb
Sneezeweed	Helenium autumnale	0.34%	4.8	0.100 PLS lb
Giant Sunflower	Helianthus giganteus	0.07%	0.1	0.020 PLS lb
Winged Loosestrife	Lythrum alatum	0.03%	11.0	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.07%	16.9	0.020 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.10%	2.4	0.030 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.20%	0.3	0.060 PLS lb
Steeplebush	Spiraea tomentosa	0.07%	2.2	0.020 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.10%	1.7	0.030 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.10%	0.9	0.030 PLS lb
Blue Vervain	Verbena hastata	0.60%	6.1	0.180 PLS lb

Golden Alexanders	Zizia aurea	0.84%	1.0	0.250	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	83.75%	11.0	25.00	PLS lb

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Description: BWSR 34-371 Wet Meadow Northeast Mix
Seeding Rate: 12.5 lb/acre (182.3 seeds/square foot)
Notes: Wet meadow / Sedge meadow reconstruction for wetland mitigation or ecological restoration.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	16.00%	7.3	2.000 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.80%	10.3	0.100 PLS lb
Virginia Wild Rye	Elymus virginicus	12.00%	2.3	1.500 PLS lb
American Manna Grass	Glyceria grandis	2.00%	6.4	0.250 PLS lb
Fowl Bluegrass	Poa palustris	5.20%	31.0	0.650 PLS lb
Sedges & Rushes				
Pointed-broom Sedge	Carex scoparia	0.40%	1.5	0.050 PLS lb
Tussock Sedge	Carex stricta	0.32%	0.8	0.040 PLS lb
Dark Green Bulrush	Scirpus atrovirens	1.60%	33.8	0.200 PLS lb
Woolgrass	Scirpus cyperinus	0.48%	37.5	0.060 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.80%	0.3	0.100 PLS lb
Swamp Milkweed	Asclepias incarnata	1.92%	0.4	0.240 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.80%	2.5	0.100 PLS lb
Boneset	Eupatorium perfoliatum	0.72%	5.3	0.090 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.32%	5.1	0.040 PLS lb
Joe Pye Weed	Eutrochium maculatum	1.12%	4.9	0.140 PLS lb
Monkey Flower	Mimulus ringens	0.24%	25.3	0.030 PLS lb
Giant Goldenrod	Solidago gigantea	0.24%	2.8	0.030 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.24%	1.7	0.030 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	54.80%	3.0	6.850 PLS lb

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Description: BWSR 34-372 Wet Meadow Northeast Mix

Seeding Rate: 29.9 lb/acre (181.8 seeds/square foot)

Notes: This mix has been designed for areas with soil saturation within a foot of the surface during a majority of the growing season and full to partial sun where land is being converted from other uses such as agriculture or non-native grasses to a wetland restoration.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	2.47%	2.7	0.740 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.23%	7.2	0.070 PLS lb
Virginia Wild Rye	Elymus virginicus	4.98%	2.3	1.490 PLS lb
American Manna Grass	Glyceria grandis	0.54%	4.1	0.160 PLS lb
Fowl Manna Grass	Glyceria striata	0.33%	5.9	0.100 PLS lb
Rice Cut Grass	Leersia oryzoides	0.67%	2.5	0.200 PLS lb
Fowl Bluegrass	Poa palustris	1.14%	16.2	0.340 PLS lb
Sedges & Rushes				
Bottlebrush Sedge	Carex comosa	0.37%	1.2	0.110 PLS lb
Pointed-broom Sedge	Carex scoparia	0.33%	3.1	0.100 PLS lb
Tussock Sedge	Carex stricta	0.10%	0.6	0.030 PLS lb
Northwest Territory Sedge	Carex utriculata	0.17%	0.2	0.050 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.47%	5.1	0.140 PLS lb
Common Spikerush	Eleocharis palustris	0.10%	0.6	0.030 PLS lb
Dark Green Bulrush	Scirpus atrovirens	0.60%	30.4	0.180 PLS lb
Woolgrass	Scirpus cyperinus	0.20%	37.5	0.060 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.10%	0.1	0.030 PLS lb
Swamp Milkweed	Asclepias incarnata	0.84%	0.4	0.250 PLS lb
Nodding Bur Marigold	Bidens cernua	0.20%	0.5	0.060 PLS lb
Marsh Marigold	Caltha palustris	0.03%	0.1	0.010 PLS lb
Turtlehead	Chelone glabra	0.03%	0.3	0.010 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.13%	1.0	0.040 PLS lb
Boneset	Eupatorium perfoliatum	0.23%	4.1	0.070 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.07%	2.6	0.020 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.20%	2.1	0.060 PLS lb
Sneezeweed	Helenium autumnale	0.27%	3.8	0.080 PLS lb
Giant Sunflower	Helianthus giganteus	0.10%	0.1	0.030 PLS lb
Water Horehound	Lycopus americanus	0.10%	1.4	0.030 PLS lb
Winged Loosestrife	Lythrum alatum	0.03%	11.0	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.07%	16.9	0.020 PLS lb
Steeplebush	Spiraea tomentosa	0.03%	1.1	0.010 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.10%	1.7	0.030 PLS lb
Swamp Aster	Symphyotrichum puniceum	0.10%	0.9	0.030 PLS lb
Blue Vervain	Verbena hastata	0.20%	2.0	0.060 PLS lb
Golden Alexanders	Zizia aurea	0.84%	1.0	0.250 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	83.61%	11.0	25.00 PLS lb

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NATIVE SEEDS

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Description: BWSR 35-121 Little Bluestem Urban Prairie Mix

Seeding Rate: 32.05 lb/acre (69 seeds/square foot)

Notes: This mix has been designed for urban areas with mesic soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. There is also an aesthetic emphasis of this mix with a dominance of medium to low height species that provide visual interest throughout the year.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	2.84%	2.0	0.910 PLS lb
Blue Grama	Bouteloua gracilis	1.28%	6.0	0.410 PLS lb
Prairie Brome	Bromus kalmii	4.21%	4.0	1.350 PLS lb
June Grass	Koeleria macrantha	0.25%	5.9	0.080 PLS lb
Little Bluestem	Schizachyrium scoparium	9.36%	16.5	3.000 PLS lb
Forbs				
Butterfly Milkweed	Asclepias tuberosa	0.19%	0.1	0.060 PLS lb
Whorled Milkweed	Asclepias verticillata	0.03%	0.0	0.010 PLS lb
Canada Milkvetch	Astragalus canadensis	0.19%	0.4	0.060 PLS lb
White Prairie Clover	Dalea candida	0.19%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.62%	1.3	0.200 PLS lb
Rough Blazing Star	Liatris aspera	0.12%	0.2	0.040 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.19%	0.3	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.97%	10.5	0.310 PLS lb
Gray Goldenrod	Solidago nemoralis	0.09%	3.3	0.030 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.16%	1.2	0.050 PLS lb
Heath Aster	Symphyotrichum ericoides	0.12%	2.9	0.040 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.12%	0.8	0.040 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.50%	0.6	0.160 PLS lb
Hoary Vervain	Verbena stricta	0.37%	1.2	0.120 PLS lb
Heartleaf Alexanders	Zizia aptera	0.19%	0.3	0.060 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	78.00%	11.0	25.000 PLS lb

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Description: BWSR 35-221 Dry Prairie General Mix
Seeding Rate: 36.5 lb/acre (98.7 seeds/square foot)
Notes: General dry prairie mix for native roadsides, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.92%	2.6	0.700 PLS lb
Sideoats Grama	Bouteloua curtipendula	8.22%	6.6	3.000 PLS lb
Blue Grama	Bouteloua gracilis	1.37%	7.3	0.500 PLS lb
Prairie Brome	Bromus kalmii	2.00%	2.1	0.730 PLS lb
Canada Wild Rye	Elymus canadensis	2.74%	1.9	1.000 PLS lb
June Grass	Koeleria macrantha	0.68%	18.4	0.250 PLS lb
Little Bluestem	Schizachyrium scoparium	8.22%	16.5	3.000 PLS lb
Indiangrass	Sorghastrum nutans	1.92%	3.1	0.700 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.33%	0.7	0.120 PLS lb
Forbs				
Anise Hyssop	Agastache foeniculum	0.16%	2.0	0.060 PLS lb
Lead Plant	Amorpha canescens	0.25%	0.5	0.090 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.16%	0.1	0.060 PLS lb
Canada Milkvetch	Astragalus canadensis	0.16%	0.4	0.060 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.16%	0.2	0.060 PLS lb
White Prairie Clover	Dalea candida	0.16%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.52%	1.3	0.190 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.16%	0.1	0.060 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.16%	0.1	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.11%	0.2	0.040 PLS lb
Wild Bergamot	Monarda fistulosa	0.16%	1.5	0.060 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.16%	0.3	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.85%	10.5	0.310 PLS lb
Gray Goldenrod	Solidago nemoralis	0.11%	4.4	0.040 PLS lb
Stiff Goldenrod	Solidago rigida	0.16%	0.9	0.060 PLS lb
Heath Aster	Symphyotrichum ericoides	0.11%	2.9	0.040 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.16%	1.2	0.060 PLS lb
Hoary Vervain	Verbena stricta	0.36%	1.3	0.130 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	68.49%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

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Description: BWSR 35-222 Dry Prairie General Mix

Seeding Rate: 34.1 lb/acre (97.1 seeds/square foot)

Notes: This mix has been designed for statewide areas with dry soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	0.47%	0.6	0.160 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.51%	4.1	1.880 PLS lb
Blue Grama	Bouteloua gracilis	1.85%	9.3	0.630 PLS lb
Prairie Brome	Bromus kalmii	1.11%	1.1	0.380 PLS lb
Canada Wild Rye	Elymus canadensis	2.93%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	0.88%	0.8	0.300 PLS lb
June Grass	Koeleria macrantha	0.65%	16.2	0.220 PLS lb
Switchgrass	Panicum virgatum	0.18%	0.3	0.060 PLS lb
Little Bluestem	Schizachyrium scoparium	4.40%	8.3	1.500 PLS lb
Indiangrass	Sorghastrum nutans	0.73%	1.1	0.250 PLS lb
Rough Dropseed	Sporobolus compositus	1.47%	5.5	0.500 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.35%	0.7	0.120 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.73%	2.7	0.250 PLS lb
Forbs				
Wild Columbine	Aquilegia canadensis	0.06%	0.3	0.020 PLS lb
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.15%	1.7	0.050 PLS lb
Prairie Onion	Allium stellatum	0.18%	0.2	0.060 PLS lb
Lead Plant	Amorpha canescens	0.26%	0.5	0.090 PLS lb
Tall Thimbleweed	Anemone virginiana	0.06%	0.2	0.020 PLS lb
Prairie Sage	Artemisia ludoviciana	0.03%	0.9	0.010 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.15%	0.1	0.050 PLS lb
Whorled Milkweed	Asclepias verticillata	0.12%	0.2	0.040 PLS lb
Canada Milkvetch	Astragalus canadensis	0.18%	0.4	0.060 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.09%	0.1	0.030 PLS lb
White Prairie Clover	Dalea candida	0.56%	1.3	0.190 PLS lb
Purple Prairie Clover	Dalea purpurea	0.38%	0.9	0.130 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.09%	0.1	0.030 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.06%	1.7	0.020 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.23%	0.2	0.080 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.18%	0.2	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.15%	0.3	0.050 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.15%	0.2	0.050 PLS lb
Wild Bergamot	Monarda fistulosa	0.15%	1.3	0.050 PLS lb
Spotted Bee Balm	Monarda punctata	0.03%	0.3	0.010 PLS lb
Slender Penstemon	Penstemon gracilis	0.03%	2.2	0.010 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.18%	0.3	0.060 PLS lb

Long-headed Coneflower	Ratibida columnifera	0.15%	0.8	0.050	PLS lb
Black-eyed Susan	Rudbeckia hirta	0.38%	4.4	0.130	PLS lb
Gray Goldenrod	Solidago nemoralis	0.12%	4.4	0.040	PLS lb
Stiff Goldenrod	Solidago rigida	0.18%	0.9	0.060	PLS lb
Showy Goldenrod	Solidago speciosa	0.15%	1.7	0.050	PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.18%	1.2	0.060	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.15%	1.5	0.050	PLS lb
Silky Aster	Symphyotrichum sericeum	0.06%	0.2	0.020	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.09%	0.1	0.030	PLS lb
Hoary Vervain	Verbena stricta	0.18%	0.6	0.060	PLS lb
Heartleaf Alexanders	Zizia aptera	0.21%	0.3	0.070	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	73.31%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 35-241 Mesic Prairie General Mix
Seeding Rate: 36.5 lb/acre (70.4 seeds/square foot)
Notes: General mesic prairie mix for native roadsides, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	5.48%	7.3	2.000 PLS lb
Sideoats Grama	Bouteloua curtipendula	4.38%	3.5	1.600 PLS lb
Prairie Brome	Bromus kalmii	1.37%	1.5	0.500 PLS lb
Canada Wild Rye	Elymus canadensis	3.21%	2.2	1.170 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.74%	2.5	1.000 PLS lb
Switchgrass	Panicum virgatum	0.16%	0.3	0.060 PLS lb
Little Bluestem	Schizachyrium scoparium	4.38%	8.8	1.600 PLS lb
Indiangrass	Sorghastrum nutans	5.48%	8.8	2.000 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.19%	0.4	0.070 PLS lb
Forbs				
Anise Hyssop	Agastache foeniculum	0.16%	2.0	0.060 PLS lb
Lead Plant	Amorpha canescens	0.16%	0.4	0.060 PLS lb
Common Milkweed	Asclepias syriaca	0.11%	0.1	0.040 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.11%	0.1	0.040 PLS lb
Canada Milkvetch	Astragalus canadensis	0.16%	0.4	0.060 PLS lb
White Prairie Clover	Dalea candida	0.16%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.52%	1.3	0.190 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.16%	0.1	0.060 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.16%	0.1	0.060 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.36%	0.3	0.130 PLS lb
Rough Blazing Star	Liatris aspera	0.08%	0.2	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.08%	0.1	0.030 PLS lb
Wild Bergamot	Monarda fistulosa	0.16%	1.5	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.85%	10.5	0.310 PLS lb
Stiff Goldenrod	Solidago rigida	0.16%	0.9	0.060 PLS lb
Heath Aster	Symphyotrichum ericoides	0.08%	2.2	0.030 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.16%	1.2	0.060 PLS lb
Blue Vervain	Verbena hastata	0.11%	1.4	0.040 PLS lb
Hoary Vervain	Verbena stricta	0.16%	0.6	0.060 PLS lb
Golden Alexanders	Zizia aurea	0.16%	0.2	0.060 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	68.49%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 35-242 Mesic Prairie General Mix

Seeding Rate: 34.8 lb/acre (69.5 seeds/square foot)

Notes: This mix has been designed for areas statewide with mesic soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.81%	2.3	0.630 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.40%	4.1	1.880 PLS lb
Prairie Brome	Bromus kalmii	1.09%	1.1	0.380 PLS lb
Canada Wild Rye	Elymus canadensis	2.16%	1.4	0.750 PLS lb
Slender Wheatgrass	Elymus trachycaulus	0.95%	0.8	0.330 PLS lb
Virginia Wild Rye	Elymus virginicus	2.16%	1.2	0.750 PLS lb
Switchgrass	Panicum virgatum	1.09%	2.0	0.380 PLS lb
Little Bluestem	Schizachyrium scoparium	4.31%	8.3	1.500 PLS lb
Indiangrass	Sorghastrum nutans	1.81%	2.8	0.630 PLS lb
Rough Dropseed	Sporobolus compositus	0.49%	1.9	0.170 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.29%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.40%	1.5	0.140 PLS lb
Troublesome Sedge	Carex molesta	0.29%	0.9	0.100 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.17%	2.2	0.060 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.09%	1.0	0.030 PLS lb
Prairie Onion	Allium stellatum	0.09%	0.1	0.030 PLS lb
Lead Plant	Amorpha canescens	0.37%	0.8	0.130 PLS lb
Canada Anemone	Anemone canadensis	0.09%	0.1	0.030 PLS lb
Prairie Sage	Artemisia ludoviciana	0.06%	1.8	0.020 PLS lb
Swamp Milkweed	Asclepias incarnata	0.14%	0.1	0.050 PLS lb
Common Milkweed	Asclepias syriaca	0.17%	0.1	0.060 PLS lb
Canada Milkvetch	Astragalus canadensis	0.14%	0.3	0.050 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.09%	0.1	0.030 PLS lb
White Prairie Clover	Dalea candida	0.55%	1.3	0.190 PLS lb
Purple Prairie Clover	Dalea purpurea	0.89%	2.0	0.310 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.17%	0.1	0.060 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.09%	0.0	0.030 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.17%	0.3	0.060 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.14%	0.1	0.050 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.14%	0.1	0.050 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.14%	0.3	0.050 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.14%	0.2	0.050 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.14%	0.2	0.050 PLS lb
Wild Bergamot	Monarda fistulosa	0.14%	1.3	0.050 PLS lb
Common Evening Primrose	Oenothera biennis	0.03%	0.3	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.09%	2.4	0.030 PLS lb

Yellow Coneflower	Ratibida pinnata	0.09%	0.3	0.030	PLS lb
Black-eyed Susan	Rudbeckia hirta	0.09%	1.0	0.030	PLS lb
Stiff Goldenrod	Solidago rigida	0.09%	0.5	0.030	PLS lb
Showy Goldenrod	Solidago speciosa	0.11%	1.4	0.040	PLS lb
Heath Aster	Symphyotrichum ericoides	0.06%	1.5	0.020	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.09%	0.6	0.030	PLS lb
New England Aster	Symphyotrichum novae-angliae	0.11%	1.0	0.040	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.17%	0.2	0.060	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.11%	0.1	0.040	PLS lb
Hoary Vervain	Verbena stricta	0.11%	0.4	0.040	PLS lb
Common Ironweed	Vernonia fasciculata	0.17%	0.5	0.060	PLS lb
Culver's Root	Veronicastrum virginicum	0.03%	2.9	0.010	PLS lb
Golden Alexanders	Zizia aurea	0.37%	0.5	0.130	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	71.84%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 35-421 Dry Prairie Northwest Mix
Seeding Rate: 11 lb/acre (84.7 seeds/square foot)
Notes: Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	10.91%	2.6	1.200 PLS lb
Blue Grama	Bouteloua gracilis	6.82%	11.0	0.750 PLS lb
Prairie Brome	Bromus kalmii	8.18%	2.6	0.900 PLS lb
Canada Wild Rye	Elymus canadensis	9.09%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	9.09%	2.5	1.000 PLS lb
Porcupine Grass	Hesperostipa spartea	4.09%	0.1	0.450 PLS lb
June Grass	Koeleria macrantha	2.27%	18.4	0.250 PLS lb
Little Bluestem	Schizachyrium scoparium	13.64%	8.3	1.500 PLS lb
Sand Dropseed	Sporobolus cryptandrus	1.82%	25.7	0.200 PLS lb
Forbs				
Prairie Onion	Allium stellatum	0.27%	0.1	0.030 PLS lb
Canada Milkvetch	Astragalus canadensis	0.64%	0.4	0.070 PLS lb
White Prairie Clover	Dalea candida	0.55%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	1.00%	0.7	0.110 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.45%	0.1	0.050 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.27%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.55%	0.1	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.27%	0.2	0.030 PLS lb
Dotted Blazing Star	Liatris punctata	0.18%	0.1	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.27%	0.8	0.030 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.55%	0.9	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.55%	2.0	0.060 PLS lb
Gray Goldenrod	Solidago nemoralis	0.18%	2.2	0.020 PLS lb
Stiff Goldenrod	Solidago rigida	0.27%	0.5	0.030 PLS lb
Heath Aster	Symphyotrichum ericoides	0.09%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.27%	0.6	0.030 PLS lb
Heartleaf Alexanders	Zizia aptera	0.45%	0.2	0.050 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	27.27%	1.3	3.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 35-422 Dry Prairie Northwest Mix

Seeding Rate: 33 lb/acre (90.2 seeds/square foot)

Notes: This mix has been designed for northwest Minnesota areas with dry soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	5.70%	4.1	1.880 PLS lb
Blue Grama	Bouteloua gracilis	1.52%	7.3	0.500 PLS lb
Prairie Brome	Bromus kalmii	1.15%	1.1	0.380 PLS lb
Canada Wild Rye	Elymus canadensis	3.03%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	0.79%	0.7	0.260 PLS lb
June Grass	Koeleria macrantha	0.67%	16.2	0.220 PLS lb
Switchgrass	Panicum virgatum	0.39%	0.7	0.130 PLS lb
Little Bluestem	Schizachyrium scoparium	3.79%	6.9	1.250 PLS lb
Indiangrass	Sorghastrum nutans	0.76%	1.1	0.250 PLS lb
Sand Dropseed	Sporobolus cryptandrus	0.09%	3.9	0.030 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.30%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.76%	2.7	0.250 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.09%	1.0	0.030 PLS lb
Prairie Onion	Allium stellatum	0.12%	0.2	0.040 PLS lb
Lead Plant	Amorpha canescens	0.27%	0.5	0.090 PLS lb
Tall Thimbleweed	Anemone virginiana	0.06%	0.2	0.020 PLS lb
Prairie Sage	Artemisia ludoviciana	0.06%	1.8	0.020 PLS lb
Whorled Milkweed	Asclepias verticillata	0.12%	0.2	0.040 PLS lb
Canada Milkvetch	Astragalus canadensis	0.18%	0.4	0.060 PLS lb
White Prairie Clover	Dalea candida	0.58%	1.3	0.190 PLS lb
Purple Prairie Clover	Dalea purpurea	0.76%	1.7	0.250 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.18%	0.1	0.060 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.03%	0.8	0.010 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.09%	0.1	0.030 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.18%	0.1	0.060 PLS lb
Hairy Golden Aster	Heterotheca villosa	0.03%	0.1	0.010 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.06%	5.1	0.020 PLS lb
Rough Blazing Star	Liatris aspera	0.09%	0.2	0.030 PLS lb
Dotted Blazing Star	Liatris punctata	0.12%	0.1	0.040 PLS lb
Wild Bergamot	Monarda fistulosa	0.15%	1.3	0.050 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.09%	0.2	0.030 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.15%	0.8	0.050 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.09%	1.0	0.030 PLS lb
Gray Goldenrod	Solidago nemoralis	0.12%	4.4	0.040 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.09%	0.7	0.030 PLS lb
Stiff Goldenrod	Solidago rigida	0.18%	0.9	0.060 PLS lb

Showy Goldenrod	Solidago speciosa	0.18%	2.1	0.060	PLS lb
Heath Aster	Symphyotrichum ericoides	0.09%	2.2	0.030	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.18%	1.2	0.060	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.15%	1.5	0.050	PLS lb
Hoary Vervain	Verbena stricta	0.12%	0.4	0.040	PLS lb
Heartleaf Alexanders	Zizia aptera	0.39%	0.6	0.130	PLS lb
Golden Alexanders	Zizia aurea	0.15%	0.2	0.050	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	75.76%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 35-441 Mesic Prairie Northwest Mix
Seeding Rate: 11 lb/acre (41.5 seeds/square foot)
Notes: Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	9.09%	3.7	1.000 PLS lb
Sideoats Grama	Bouteloua curtipendula	10.91%	2.6	1.200 PLS lb
Canada Wild Rye	Elymus canadensis	9.09%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	9.09%	2.5	1.000 PLS lb
Porcupine Grass	Hesperostipa spartea	3.82%	0.1	0.420 PLS lb
Switchgrass	Panicum virgatum	1.64%	0.9	0.180 PLS lb
Little Bluestem	Schizachyrium scoparium	13.64%	8.3	1.500 PLS lb
Indiangrass	Sorghastrum nutans	10.91%	5.3	1.200 PLS lb
Forbs				
Prairie Onion	Allium stellatum	0.27%	0.1	0.030 PLS lb
Canada Milkvetch	Astragalus canadensis	0.55%	0.4	0.060 PLS lb
White Prairie Clover	Dalea candida	0.55%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.82%	0.6	0.090 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.73%	0.2	0.080 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.55%	0.1	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.27%	0.2	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.55%	0.2	0.060 PLS lb
Wild Bergamot	Monarda fistulosa	0.27%	0.8	0.030 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.36%	3.2	0.040 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.55%	0.9	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.64%	2.4	0.070 PLS lb
Stiff Goldenrod	Solidago rigida	0.27%	0.5	0.030 PLS lb
Heath Aster	Symphyotrichum ericoides	0.09%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.27%	0.6	0.030 PLS lb
Blue Vervain	Verbena hastata	0.82%	3.1	0.090 PLS lb
Golden Alexanders	Zizia aurea	1.55%	0.7	0.170 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	22.73%	1.1	2.500 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 35-442 Mesic Prairie Northwest Mix

Seeding Rate: 34.5 lb/acre (64.1 seeds/square foot)

Notes: This mix has been designed for areas of northwest Minnesota with mesic soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.62%	2.1	0.560 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.51%	4.2	1.900 PLS lb
Prairie Brome	Bromus kalmii	1.10%	1.1	0.380 PLS lb
Canada Wild Rye	Elymus canadensis	2.17%	1.4	0.750 PLS lb
Slender Wheatgrass	Elymus trachycaulus	0.70%	0.6	0.240 PLS lb
Virginia Wild Rye	Elymus virginicus	2.17%	1.2	0.750 PLS lb
Switchgrass	Panicum virgatum	0.90%	1.6	0.310 PLS lb
Little Bluestem	Schizachyrium scoparium	3.71%	7.1	1.280 PLS lb
Indiangrass	Sorghastrum nutans	2.17%	3.3	0.750 PLS lb
Rough Dropseed	Sporobolus compositus	0.52%	2.0	0.180 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.29%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.70%	2.6	0.240 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.17%	2.2	0.060 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Prairie Onion	Allium stellatum	0.14%	0.2	0.050 PLS lb
Lead Plant	Amorpha canescens	0.26%	0.5	0.090 PLS lb
Canada Anemone	Anemone canadensis	0.09%	0.1	0.030 PLS lb
Tall Thimbleweed	Anemone virginiana	0.03%	0.1	0.010 PLS lb
Prairie Sage	Artemisia ludoviciana	0.03%	0.9	0.010 PLS lb
Swamp Milkweed	Asclepias incarnata	0.14%	0.1	0.050 PLS lb
Common Milkweed	Asclepias syriaca	0.17%	0.1	0.060 PLS lb
Canada Milkvetch	Astragalus canadensis	0.14%	0.3	0.050 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.17%	0.1	0.060 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.06%	0.1	0.020 PLS lb
White Prairie Clover	Dalea candida	0.55%	1.3	0.190 PLS lb
Purple Prairie Clover	Dalea purpurea	0.90%	2.0	0.310 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.17%	0.1	0.060 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.06%	1.7	0.020 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.09%	0.1	0.030 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.12%	0.1	0.040 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.17%	0.3	0.060 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.14%	0.1	0.050 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.09%	0.2	0.030 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.14%	0.2	0.050 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.14%	0.2	0.050 PLS lb
Wild Bergamot	Monarda fistulosa	0.14%	1.3	0.050 PLS lb

Common Evening Primrose	Oenothera biennis	0.03%	0.3	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.06%	1.6	0.020 PLS lb
Yellow Coneflower	Ratibida pinnata	0.12%	0.4	0.040 PLS lb
Prairie Wild Rose	Rosa arkansana	0.14%	0.0	0.050 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.09%	1.0	0.030 PLS lb
Gray Goldenrod	Solidago nemoralis	0.03%	1.1	0.010 PLS lb
Stiff Goldenrod	Solidago rigida	0.09%	0.5	0.030 PLS lb
Showy Goldenrod	Solidago speciosa	0.09%	1.0	0.030 PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.09%	0.6	0.030 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.09%	0.9	0.030 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.14%	0.2	0.050 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.03%	0.0	0.010 PLS lb
Hoary Vervain	Verbena stricta	0.09%	0.3	0.030 PLS lb
Common Ironweed	Vernonia fasciculata	0.17%	0.5	0.060 PLS lb
Heartleaf Alexanders	Zizia aptera	0.14%	0.2	0.050 PLS lb
Golden Alexanders	Zizia aurea	0.26%	0.4	0.090 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	72.46%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 35-521 Dry Prairie Southwest Mix
Seeding Rate: 12.5 lb/acre (83.1 seeds/square foot)
Notes: Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	11.20%	3.1	1.400 PLS lb
Blue Grama	Bouteloua gracilis	7.60%	14.0	0.950 PLS lb
Canada Wild Rye	Elymus canadensis	9.60%	2.3	1.200 PLS lb
Slender Wheatgrass	Elymus trachycaulus	8.00%	2.5	1.000 PLS lb
Porcupine Grass	Hesperostipa spartea	6.00%	0.2	0.750 PLS lb
June Grass	Koeleria macrantha	2.40%	22.0	0.300 PLS lb
Little Bluestem	Schizachyrium scoparium	12.00%	8.3	1.500 PLS lb
Sand Dropseed	Sporobolus cryptandrus	1.20%	19.3	0.150 PLS lb
Forbs				
Whorled Milkweed	Asclepias verticillata	0.08%	0.0	0.010 PLS lb
Canada Milkvetch	Astragalus canadensis	0.48%	0.4	0.060 PLS lb
White Prairie Clover	Dalea candida	0.48%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.80%	0.7	0.100 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.32%	0.1	0.040 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.64%	0.2	0.080 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.32%	0.1	0.040 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.24%	0.1	0.030 PLS lb
Rough Blazing Star	Liatris aspera	0.16%	0.1	0.020 PLS lb
Dotted Blazing Star	Liatris punctata	0.16%	0.1	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.24%	0.8	0.030 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.56%	2.4	0.070 PLS lb
Stiff Goldenrod	Solidago rigida	0.56%	1.1	0.070 PLS lb
Heath Aster	Symphyotrichum ericoides	0.08%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.24%	0.6	0.030 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.16%	0.1	0.020 PLS lb
Hoary Vervain	Verbena stricta	0.80%	1.0	0.100 PLS lb
Golden Alexanders	Zizia aurea	1.68%	0.8	0.210 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	34.00%	1.9	4.250 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 35-522 Dry Prairie Southwest Mix

Seeding Rate: 32.95 lb/acre (74.8 seeds/square foot)

Notes: This mix has been designed for areas of southwest Minnesota with dry soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	0.55%	0.7	0.180 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.83%	4.2	1.920 PLS lb
Blue Grama	Bouteloua gracilis	1.52%	7.3	0.500 PLS lb
Canada Wild Rye	Elymus canadensis	3.03%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	1.06%	0.9	0.350 PLS lb
June Grass	Koeleria macrantha	0.42%	10.3	0.140 PLS lb
Little Bluestem	Schizachyrium scoparium	3.79%	6.9	1.250 PLS lb
Indiangrass	Sorghastrum nutans	0.76%	1.1	0.250 PLS lb
Rough Dropseed	Sporobolus compositus	0.94%	3.4	0.310 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.30%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.30%	1.1	0.100 PLS lb
Troublesome Sedge	Carex molesta	0.30%	0.9	0.100 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Prairie Onion	Allium stellatum	0.09%	0.1	0.030 PLS lb
Lead Plant	Amorpha canescens	0.27%	0.5	0.090 PLS lb
Tall Thimbleweed	Anemone virginiana	0.03%	0.1	0.010 PLS lb
Prairie Sage	Artemisia ludoviciana	0.03%	0.9	0.010 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.15%	0.1	0.050 PLS lb
Whorled Milkweed	Asclepias verticillata	0.12%	0.2	0.040 PLS lb
Canada Milkvetch	Astragalus canadensis	0.18%	0.4	0.060 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.18%	0.1	0.060 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.09%	0.1	0.030 PLS lb
White Prairie Clover	Dalea candida	0.58%	1.3	0.190 PLS lb
Purple Prairie Clover	Dalea purpurea	0.76%	1.7	0.250 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.09%	0.1	0.030 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.03%	0.8	0.010 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.09%	0.1	0.030 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.18%	0.1	0.060 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.18%	0.2	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.09%	0.2	0.030 PLS lb
Dotted Blazing Star	Liatris punctata	0.12%	0.1	0.040 PLS lb
Wild Bergamot	Monarda fistulosa	0.15%	1.3	0.050 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.15%	0.8	0.050 PLS lb
Prairie Wild Rose	Rosa arkansana	0.12%	0.0	0.040 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.09%	1.0	0.030 PLS lb
Gray Goldenrod	Solidago nemoralis	0.12%	4.4	0.040 PLS lb

Upland White Goldenrod	Solidago ptarmicoides	0.09%	0.7	0.030	PLS lb
Stiff Goldenrod	Solidago rigida	0.18%	0.9	0.060	PLS lb
Showy Goldenrod	Solidago speciosa	0.09%	1.0	0.030	PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.15%	1.0	0.050	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.09%	0.9	0.030	PLS lb
Silky Aster	Symphyotrichum sericeum	0.09%	0.3	0.030	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.09%	0.1	0.030	PLS lb
Hoary Vervain	Verbena stricta	0.18%	0.6	0.060	PLS lb
Heartleaf Alexanders	Zizia aptera	0.15%	0.2	0.050	PLS lb
Golden Alexanders	Zizia aurea	0.09%	0.1	0.030	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	75.87%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 35-541 Mesic Prairie Southwest Mix
Seeding Rate: 12 lb/acre (39.5 seeds/square foot)
Notes: Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	7.50%	3.3	0.900 PLS lb
Sideoats Grama	Bouteloua curtipendula	7.50%	2.0	0.900 PLS lb
Canada Wild Rye	Elymus canadensis	7.50%	1.7	0.900 PLS lb
Slender Wheatgrass	Elymus trachycaulus	7.50%	2.3	0.900 PLS lb
Green Needle Grass	Nassella viridula	3.67%	1.2	0.440 PLS lb
Switchgrass	Panicum virgatum	1.33%	0.8	0.160 PLS lb
Western Wheatgrass	Pascopyrum smithii	4.17%	1.2	0.500 PLS lb
Little Bluestem	Schizachyrium scoparium	12.50%	8.3	1.500 PLS lb
Indiangrass	Sorghastrum nutans	12.50%	6.6	1.500 PLS lb
Forbs				
Canada Milkvetch	Astragalus canadensis	0.50%	0.4	0.060 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.83%	0.1	0.100 PLS lb
White Prairie Clover	Dalea candida	0.25%	0.2	0.030 PLS lb
Purple Prairie Clover	Dalea purpurea	0.58%	0.5	0.070 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.42%	0.1	0.050 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.67%	0.2	0.080 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.50%	0.1	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.25%	0.2	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.17%	0.1	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.33%	1.0	0.040 PLS lb
Yellow Coneflower	Ratibida pinnata	0.58%	0.8	0.070 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.50%	2.0	0.060 PLS lb
Stiff Goldenrod	Solidago rigida	0.25%	0.5	0.030 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.25%	0.6	0.030 PLS lb
Blue Vervain	Verbena hastata	0.58%	2.4	0.070 PLS lb
Hoary Vervain	Verbena stricta	0.42%	0.5	0.050 PLS lb
Golden Alexanders	Zizia aurea	2.08%	1.0	0.250 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	26.67%	1.4	3.200 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 35-542 Mesic Prairie Southwest Mix

Seeding Rate: 34.75 lb/acre (59.4 seeds/square foot)

Notes: This mix has been designed for areas with mesic soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	3.05%	3.9	1.060 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.04%	3.9	1.750 PLS lb
Canada Wild Rye	Elymus canadensis	0.89%	0.6	0.310 PLS lb
Virginia Wild Rye	Elymus virginicus	1.44%	0.8	0.500 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.50%	2.2	0.870 PLS lb
Switchgrass	Panicum virgatum	0.69%	1.2	0.240 PLS lb
Little Bluestem	Schizachyrium scoparium	4.43%	8.5	1.540 PLS lb
Indiangrass	Sorghastrum nutans	2.27%	3.5	0.790 PLS lb
Rough Dropseed	Sporobolus compositus	0.29%	1.1	0.100 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.26%	0.5	0.090 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.17%	0.6	0.060 PLS lb
Troublesome Sedge	Carex molesta	0.06%	0.2	0.020 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.06%	0.7	0.020 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.06%	1.3	0.020 PLS lb
Prairie Onion	Allium stellatum	0.06%	0.1	0.020 PLS lb
Lead Plant	Amorpha canescens	0.12%	0.2	0.040 PLS lb
Canada Anemone	Anemone canadensis	0.06%	0.1	0.020 PLS lb
Tall Thimbleweed	Anemone virginiana	0.03%	0.1	0.010 PLS lb
Prairie Sage	Artemisia ludoviciana	0.03%	0.9	0.010 PLS lb
Common Milkweed	Asclepias syriaca	0.58%	0.3	0.200 PLS lb
Canada Milkvetch	Astragalus canadensis	0.17%	0.4	0.060 PLS lb
Partridge Pea	Chamaecrista fasciculata	1.90%	0.7	0.660 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.06%	0.1	0.020 PLS lb
White Prairie Clover	Dalea candida	0.09%	0.2	0.030 PLS lb
Purple Prairie Clover	Dalea purpurea	0.52%	1.2	0.180 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.14%	0.1	0.050 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.03%	0.8	0.010 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.23%	0.2	0.080 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.09%	0.0	0.030 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.09%	0.1	0.030 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.49%	0.4	0.170 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.06%	0.1	0.020 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.14%	0.2	0.050 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.06%	0.1	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.12%	1.0	0.040 PLS lb
Common Evening Primrose	Oenothera biennis	0.06%	0.7	0.020 PLS lb

Virginia Mountain Mint	Pycnanthemum virginianum	0.03%	0.8	0.010 PLS lb
Yellow Coneflower	Ratibida pinnata	0.20%	0.8	0.070 PLS lb
Prairie Wild Rose	Rosa arkansana	0.17%	0.1	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.17%	2.0	0.060 PLS lb
Gray Goldenrod	Solidago nemoralis	0.03%	1.1	0.010 PLS lb
Stiff Goldenrod	Solidago rigida	0.12%	0.6	0.040 PLS lb
Showy Goldenrod	Solidago speciosa	0.03%	0.3	0.010 PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.09%	0.6	0.030 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.12%	0.2	0.040 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.09%	0.1	0.030 PLS lb
Blue Vervain	Verbena hastata	0.03%	0.3	0.010 PLS lb
Hoary Vervain	Verbena stricta	0.14%	0.5	0.050 PLS lb
Heartleaf Alexanders	Zizia aptera	0.06%	0.1	0.020 PLS lb
Golden Alexanders	Zizia aurea	0.35%	0.5	0.120 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	71.94%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 35-621 Dry Prairie Southeast Mix
Seeding Rate: 11 lb/acre (98.4 seeds/square foot)
Notes: Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	10.27%	2.5	1.130 PLS lb
Blue Grama	Bouteloua gracilis	6.18%	10.0	0.680 PLS lb
Prairie Brome	Bromus kalmii	2.82%	0.9	0.310 PLS lb
Canada Wild Rye	Elymus canadensis	13.64%	2.9	1.500 PLS lb
Slender Wheatgrass	Elymus trachycaulus	10.73%	3.0	1.180 PLS lb
June Grass	Koeleria macrantha	3.73%	30.1	0.410 PLS lb
Little Bluestem	Schizachyrium scoparium	13.73%	8.3	1.510 PLS lb
Sand Dropseed	Sporobolus cryptandrus	2.00%	28.3	0.220 PLS lb
Prairie Dropseed	Sporobolus heterolepis	2.36%	1.5	0.260 PLS lb
Forbs				
Butterfly Milkweed	Asclepias tuberosa	0.55%	0.1	0.060 PLS lb
Whorled Milkweed	Asclepias verticillata	0.09%	0.0	0.010 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.45%	0.2	0.050 PLS lb
White Prairie Clover	Dalea candida	0.82%	0.6	0.090 PLS lb
Purple Prairie Clover	Dalea purpurea	1.36%	1.0	0.150 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.55%	0.1	0.060 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.27%	0.1	0.030 PLS lb
Rough Blazing Star	Liatris aspera	0.18%	0.1	0.020 PLS lb
Dotted Blazing Star	Liatris punctata	0.18%	0.1	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.27%	0.8	0.030 PLS lb
Spotted Bee Balm	Monarda punctata	0.18%	0.7	0.020 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.36%	0.2	0.040 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.82%	3.0	0.090 PLS lb
Gray Goldenrod	Solidago nemoralis	0.09%	1.1	0.010 PLS lb
Stiff Goldenrod	Solidago rigida	0.55%	0.9	0.060 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.09%	0.3	0.010 PLS lb
Silky Aster	Symphyotrichum sericeum	0.18%	0.2	0.020 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.09%	0.0	0.010 PLS lb
Heartleaf Alexanders	Zizia aptera	0.18%	0.1	0.020 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	27.27%	1.3	3.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 35-622 Dry Prairie Southeast Mix

Seeding Rate: 33.2 lb/acre (75.9 seeds/square foot)

Notes: This mix has been designed for areas of southeast Minnesota with dry soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	0.18%	0.2	0.060 PLS lb
Sideoats Grama	Bouteloua curtipendula	6.02%	4.4	2.000 PLS lb
Blue Grama	Bouteloua gracilis	1.20%	5.9	0.400 PLS lb
Prairie Brome	Bromus kalmii	1.14%	1.1	0.380 PLS lb
Canada Wild Rye	Elymus canadensis	3.01%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	0.75%	0.6	0.250 PLS lb
June Grass	Koeleria macrantha	0.48%	11.8	0.160 PLS lb
Little Bluestem	Schizachyrium scoparium	4.52%	8.3	1.500 PLS lb
Indiangrass	Sorghastrum nutans	0.75%	1.1	0.250 PLS lb
Rough Dropseed	Sporobolus compositus	0.75%	2.8	0.250 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.30%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.30%	1.1	0.100 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Lead Plant	Amorpha canescens	0.27%	0.5	0.090 PLS lb
Tall Thimbleweed	Anemone virginiana	0.06%	0.2	0.020 PLS lb
Wild Columbine	Aquilegia canadensis	0.06%	0.3	0.020 PLS lb
Prairie Sage	Artemisia ludoviciana	0.06%	1.8	0.020 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.15%	0.1	0.050 PLS lb
Whorled Milkweed	Asclepias verticillata	0.15%	0.2	0.050 PLS lb
Canada Milkvetch	Astragalus canadensis	0.18%	0.4	0.060 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.21%	0.1	0.070 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.06%	0.1	0.020 PLS lb
White Prairie Clover	Dalea candida	0.39%	0.9	0.130 PLS lb
Purple Prairie Clover	Dalea purpurea	0.75%	1.7	0.250 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.09%	0.1	0.030 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.03%	0.8	0.010 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.18%	0.1	0.060 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.18%	0.2	0.060 PLS lb
Rough Blazing Star	Liatris aspera	0.09%	0.2	0.030 PLS lb
Dotted Blazing Star	Liatris punctata	0.15%	0.1	0.050 PLS lb
Wild Lupine	Lupinus perennis	0.06%	0.0	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.12%	1.0	0.040 PLS lb
Spotted Bee Balm	Monarda punctata	0.06%	0.7	0.020 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.15%	0.3	0.050 PLS lb
Yellow Coneflower	Ratibida pinnata	0.09%	0.3	0.030 PLS lb
Prairie Wild Rose	Rosa arkansana	0.12%	0.0	0.040 PLS lb

Black-eyed Susan	Rudbeckia hirta	0.18%	2.0	0.060	PLS lb
Compass Plant	Silphium laciniatum	0.15%	0.0	0.050	PLS lb
Gray Goldenrod	Solidago nemoralis	0.12%	4.4	0.040	PLS lb
Stiff Goldenrod	Solidago rigida	0.18%	0.9	0.060	PLS lb
Showy Goldenrod	Solidago speciosa	0.09%	1.0	0.030	PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.15%	1.5	0.050	PLS lb
Silky Aster	Symphyotrichum sericeum	0.09%	0.3	0.030	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.09%	0.1	0.030	PLS lb
Hoary Vervain	Verbena stricta	0.15%	0.5	0.050	PLS lb
Heartleaf Alexanders	Zizia aptera	0.21%	0.3	0.070	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	75.30%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 35-641 Mesic Prairie Southeast Mix
Seeding Rate: 12 lb/acre (38.8 seeds/square foot)
Notes: Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	7.50%	3.3	0.900 PLS lb
Sideoats Grama	Bouteloua curtipendula	11.42%	3.0	1.370 PLS lb
Canada Wild Rye	Elymus canadensis	8.75%	2.0	1.050 PLS lb
Slender Wheatgrass	Elymus trachycaulus	7.50%	2.3	0.900 PLS lb
Switchgrass	Panicum virgatum	1.75%	1.1	0.210 PLS lb
Little Bluestem	Schizachyrium scoparium	10.58%	7.0	1.270 PLS lb
Indiangrass	Sorghastrum nutans	16.67%	8.8	2.000 PLS lb
Forbs				
Butterfly Milkweed	Asclepias tuberosa	0.50%	0.1	0.060 PLS lb
Whorled Milkweed	Asclepias verticillata	0.08%	0.0	0.010 PLS lb
Canada Milkvetch	Astragalus canadensis	1.33%	1.0	0.160 PLS lb
Partridge Pea	Chamaecrista fasciculata	5.00%	0.6	0.600 PLS lb
White Prairie Clover	Dalea candida	0.08%	0.1	0.010 PLS lb
Purple Prairie Clover	Dalea purpurea	0.75%	0.6	0.090 PLS lb
Showy Tick Trefoil	Desmodium canadense	1.25%	0.3	0.150 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.42%	0.1	0.050 PLS lb
Rough Blazing Star	Liatris aspera	0.25%	0.2	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.25%	0.1	0.030 PLS lb
Wild Bergamot	Monarda fistulosa	0.08%	0.3	0.010 PLS lb
Yellow Coneflower	Ratibida pinnata	0.17%	0.2	0.020 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.42%	1.7	0.050 PLS lb
Stiff Goldenrod	Solidago rigida	0.17%	0.3	0.020 PLS lb
Heath Aster	Symphyotrichum ericoides	0.08%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.42%	1.0	0.050 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.33%	0.1	0.040 PLS lb
Blue Vervain	Verbena hastata	0.33%	1.4	0.040 PLS lb
Hoary Vervain	Verbena stricta	0.83%	1.0	0.100 PLS lb
Golden Alexanders	Zizia aurea	0.58%	0.3	0.070 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	22.50%	1.2	2.700 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 35-642 Mesic Prairie Southeast Mix

Seeding Rate: 34.25 lb/acre (74.2 seeds/square foot)

Notes: This mix has been designed for areas of southeast Minnesota with mesic soils and full sun for at least 70% of the day where land is being converted from other uses such as agriculture or non-native grasses to a prairie reconstruction with the goals of providing wildlife habitat, soil stabilization, and water quality benefits. This mix has been designed for projects focused on establishing high plant diversity including mitigation projects.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.46%	1.8	0.500 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.49%	4.1	1.880 PLS lb
Prairie Brome	Bromus kalmii	1.28%	1.3	0.440 PLS lb
Canada Wild Rye	Elymus canadensis	2.19%	1.4	0.750 PLS lb
Slender Wheatgrass	Elymus trachycaulus	0.70%	0.6	0.240 PLS lb
Virginia Wild Rye	Elymus virginicus	2.92%	1.5	1.000 PLS lb
June Grass	Koeleria macrantha	0.29%	7.3	0.100 PLS lb
Switchgrass	Panicum virgatum	0.73%	1.3	0.250 PLS lb
Little Bluestem	Schizachyrium scoparium	2.74%	5.2	0.940 PLS lb
Indiangrass	Sorghastrum nutans	1.84%	2.8	0.630 PLS lb
Rough Dropseed	Sporobolus compositus	0.50%	1.9	0.170 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.29%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.29%	1.1	0.100 PLS lb
Troublesome Sedge	Carex molesta	0.29%	0.9	0.100 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.15%	1.8	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.03%	0.7	0.010 PLS lb
Prairie Onion	Allium stellatum	0.09%	0.1	0.030 PLS lb
Lead Plant	Amorpha canescens	0.29%	0.6	0.100 PLS lb
Canada Anemone	Anemone canadensis	0.09%	0.1	0.030 PLS lb
Tall Thimbleweed	Anemone virginiana	0.03%	0.1	0.010 PLS lb
Prairie Sage	Artemisia ludoviciana	0.03%	0.9	0.010 PLS lb
Swamp Milkweed	Asclepias incarnata	0.15%	0.1	0.050 PLS lb
Common Milkweed	Asclepias syriaca	0.20%	0.1	0.070 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.15%	0.1	0.050 PLS lb
Canada Milkvetch	Astragalus canadensis	0.15%	0.3	0.050 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.29%	0.1	0.100 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.09%	0.1	0.030 PLS lb
White Prairie Clover	Dalea candida	0.55%	1.3	0.190 PLS lb
Purple Prairie Clover	Dalea purpurea	0.91%	2.0	0.310 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.15%	0.1	0.050 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.06%	1.7	0.020 PLS lb
Rattlesnake Master	Eryngium yuccifolium	0.15%	0.1	0.050 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.09%	0.0	0.030 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.09%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.15%	0.1	0.050 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.03%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.09%	0.2	0.030 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.09%	0.1	0.030 PLS lb

Prairie Blazing Star	Liatris pycnostachya	0.15%	0.2	0.050	PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.03%	1.8	0.010	PLS lb
Wild Bergamot	Monarda fistulosa	0.15%	1.3	0.050	PLS lb
Common Evening Primrose	Oenothera biennis	0.03%	0.3	0.010	PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.03%	0.8	0.010	PLS lb
Yellow Coneflower	Ratibida pinnata	0.12%	0.4	0.040	PLS lb
Prairie Wild Rose	Rosa arkansana	0.06%	0.0	0.020	PLS lb
Black-eyed Susan	Rudbeckia hirta	0.09%	1.0	0.030	PLS lb
Gray Goldenrod	Solidago nemoralis	0.09%	3.3	0.030	PLS lb
Stiff Goldenrod	Solidago rigida	0.09%	0.5	0.030	PLS lb
Showy Goldenrod	Solidago speciosa	0.09%	1.0	0.030	PLS lb
Heath Aster	Symphyotrichum ericoides	0.03%	0.7	0.010	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.09%	0.6	0.030	PLS lb
New England Aster	Symphyotrichum novae-angliae	0.06%	0.5	0.020	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.09%	0.9	0.030	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.15%	0.2	0.050	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.06%	0.1	0.020	PLS lb
Ohio Spiderwort	Tradescantia ohiensis	0.06%	0.1	0.020	PLS lb
Blue Vervain	Verbena hastata	0.03%	0.3	0.010	PLS lb
Hoary Vervain	Verbena stricta	0.09%	0.3	0.030	PLS lb
Culver's Root	Veronicastrum virginicum	0.03%	2.9	0.010	PLS lb
Heartleaf Alexanders	Zizia aptera	0.09%	0.1	0.030	PLS lb
Golden Alexanders	Zizia aurea	0.26%	0.4	0.090	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	72.99%	11.0	25.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 36-211 Woodland Edge South & West Mix
Seeding Rate: 34.5 lb/acre (60.6 seeds/square foot)
Notes: Partly shaded grassland planting for ecological restoration, native roadsides, or reclamation.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	2.90%	3.7	1.000 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.90%	2.2	1.000 PLS lb
Prairie Brome	Bromus kalmii	4.35%	4.4	1.500 PLS lb
Canada Wild Rye	Elymus canadensis	3.62%	2.4	1.250 PLS lb
Bottlebrush Grass	Elymus hystrix	0.93%	0.4	0.320 PLS lb
Slender Wheatgrass	Elymus trachycaulus	3.62%	3.2	1.250 PLS lb
Switchgrass	Panicum virgatum	0.17%	0.3	0.060 PLS lb
Little Bluestem	Schizachyrium scoparium	1.80%	3.4	0.620 PLS lb
Indiangrass	Sorghastrum nutans	2.90%	4.4	1.000 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.09%	2.0	0.030 PLS lb
Anise Hyssop	Agastache foeniculum	0.29%	3.3	0.100 PLS lb
White Snakeroot	Ageratina altissima	0.09%	1.7	0.030 PLS lb
White Prairie Clover	Dalea candida	0.49%	1.2	0.170 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.41%	0.3	0.140 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.38%	0.3	0.130 PLS lb
Wild Bergamot	Monarda fistulosa	0.17%	1.5	0.060 PLS lb
Sweet Cicely	Osmorhiza claytonii	0.17%	0.1	0.060 PLS lb
Smooth Wild Rose	Rosa blanda	0.17%	0.1	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.52%	6.1	0.180 PLS lb
Early Figwort	Scrophularia lanceolata	0.14%	3.4	0.050 PLS lb
Zig Zag Goldenrod	Solidago flexicaulis	0.06%	0.6	0.020 PLS lb
Stiff Goldenrod	Solidago rigida	0.17%	0.9	0.060 PLS lb
Showy Goldenrod	Solidago speciosa	0.17%	2.1	0.060 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.17%	1.2	0.060 PLS lb
American Vetch	Vicia americana	0.52%	0.1	0.180 PLS lb
Golden Alexanders	Zizia aurea	0.32%	0.4	0.110 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	72.46%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 36-212 Woodland Edge South & West Mix

Seeding Rate: 34.15 lb/acre (59.8 seeds/square foot)

Notes: This mix has been designed for southern and western parts of Minnesota in areas with dry to mesic soils and part sun for at least 50% of the day where land is being converted from other uses such as lawn or agricultural fields like row crops or pasture.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	2.93%	3.7	1.000 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.93%	2.2	1.000 PLS lb
Prairie Brome	Bromus kalmii	3.48%	3.5	1.190 PLS lb
Canada Wild Rye	Elymus canadensis	2.93%	1.9	1.000 PLS lb
Bottlebrush Grass	Elymus hystrix	0.94%	0.4	0.320 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.64%	2.3	0.900 PLS lb
Silky Wild Rye	Elymus villosus	1.90%	1.3	0.650 PLS lb
Switchgrass	Panicum virgatum	0.20%	0.4	0.070 PLS lb
Little Bluestem	Schizachyrium scoparium	1.82%	3.4	0.620 PLS lb
Indiangrass	Sorghastrum nutans	2.93%	4.4	1.000 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.09%	2.0	0.030 PLS lb
Anise Hyssop	Agastache foeniculum	0.29%	3.3	0.100 PLS lb
White Snakeroot	Ageratina altissima	0.09%	1.7	0.030 PLS lb
Wild Columbine	Aquilegia canadensis	0.15%	0.7	0.050 PLS lb
White Prairie Clover	Dalea candida	0.50%	1.2	0.170 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.41%	0.3	0.140 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.44%	0.3	0.150 PLS lb
Wild Bergamot	Monarda fistulosa	0.18%	1.5	0.060 PLS lb
Sweet Cicely	Osmorhiza claytonii	0.15%	0.0	0.050 PLS lb
Smooth Wild Rose	Rosa blanda	0.18%	0.1	0.060 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.53%	6.1	0.180 PLS lb
Zig Zag Goldenrod	Solidago flexicaulis	0.06%	0.6	0.020 PLS lb
Stiff Goldenrod	Solidago rigida	0.18%	0.9	0.060 PLS lb
Showy Goldenrod	Solidago speciosa	0.18%	2.1	0.060 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.18%	1.2	0.060 PLS lb
Calico Aster	Symphyotrichum lateriflorum	0.09%	2.8	0.030 PLS lb
Golden Alexanders	Zizia aurea	0.44%	0.6	0.150 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	73.21%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 36-311 Woodland Edge Northeast Mix
Seeding Rate: 33.5 lb/acre (120.8 seeds/square foot)
Notes: Partly shaded grassland planting for ecological restoration, native roadsides, or reclamation.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	5.97%	7.3	2.000 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.39%	13.4	0.130 PLS lb
Poverty Oats	Danthonia spicata	1.49%	4.6	0.500 PLS lb
Canada Wild Rye	Elymus canadensis	3.73%	2.4	1.250 PLS lb
Slender Wheatgrass	Elymus trachycaulus	5.97%	5.1	2.000 PLS lb
Fowl Bluegrass	Poa palustris	2.60%	41.5	0.870 PLS lb
False Melic	Schizachne purpurascens	0.75%	2.9	0.250 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.09%	2.0	0.030 PLS lb
Pearly Everlasing	Anaphalis margaritacea	0.06%	1.6	0.020 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.12%	1.0	0.040 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.18%	5.1	0.060 PLS lb
Large-leaved Aster	Eurybia macrophylla	0.06%	0.2	0.020 PLS lb
Smooth Wild Rose	Rosa blanda	0.48%	0.2	0.160 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.78%	8.8	0.260 PLS lb
Gray Goldenrod	Solidago nemoralis	0.18%	6.6	0.060 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.12%	0.9	0.040 PLS lb
Stiff Goldenrod	Solidago rigida	0.42%	2.1	0.140 PLS lb
Lindley's Aster	Symphyotrichum ciliolatum	0.09%	1.0	0.030 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.42%	2.8	0.140 PLS lb
American Vetch	Vicia americana	1.49%	0.4	0.500 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	74.63%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

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Description: BWSR 36-312 Woodland Edge Northeast Mix

Seeding Rate: 32.15 lb/acre (98.2 seeds/square foot)

Notes: This mix has been designed for northeast Minnesota in areas with dry to mesic soils and part sun for at least 50% of the day where land is being converted from other uses such as lawn or agricultural fields like row crops or pasture.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Fringed Brome	Bromus ciliatus	4.63%	5.5	1.490 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.31%	10.3	0.100 PLS lb
Poverty Oats	Danthonia spicata	0.31%	0.9	0.100 PLS lb
Canada Wild Rye	Elymus canadensis	3.89%	2.4	1.250 PLS lb
Bottlebrush Grass	Elymus hystrix	3.05%	1.3	0.980 PLS lb
Slender Wheatgrass	Elymus trachycaulus	4.82%	3.9	1.550 PLS lb
Fowl Bluegrass	Poa palustris	1.96%	30.1	0.630 PLS lb
False Melic	Schizachne purpurascens	0.16%	0.6	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.09%	2.0	0.030 PLS lb
Wild Columbine	Aquilegia canadensis	0.16%	0.7	0.050 PLS lb
Purple Prairie Clover	Dalea purpurea	0.37%	0.8	0.120 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.12%	1.0	0.040 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.19%	5.1	0.060 PLS lb
Large-leaved Aster	Eurybia macrophylla	0.09%	0.3	0.030 PLS lb
Smooth Wild Rose	Rosa blanda	0.25%	0.1	0.080 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.81%	8.8	0.260 PLS lb
Gray Goldenrod	Solidago nemoralis	0.19%	6.6	0.060 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.12%	0.9	0.040 PLS lb
Stiff Goldenrod	Solidago rigida	0.44%	2.1	0.140 PLS lb
Calico Aster	Symphyotrichum lateriflorum	0.09%	2.8	0.030 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.19%	1.2	0.060 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	77.76%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

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NATIVE SEEDS
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Description: BWSR 36-411 Woodland Edge Northwest Mix
Seeding Rate: 35.5 lb/acre (69.1 seeds/square foot)
Notes: Partly shaded grassland planting for ecological restoration, native roadsides, or reclamation.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.41%	1.8	0.500 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.82%	2.2	1.000 PLS lb
Fringed Brome	Bromus ciliatus	2.11%	2.8	0.750 PLS lb
Prairie Brome	Bromus kalmii	5.63%	5.9	2.000 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.17%	6.2	0.060 PLS lb
Poverty Oats	Danthonia spicata	1.07%	3.5	0.380 PLS lb
Canada Wild Rye	Elymus canadensis	2.82%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.82%	2.5	1.000 PLS lb
Virginia Wild Rye	Elymus virginicus	4.93%	2.7	1.750 PLS lb
Little Bluestem	Schizachyrium scoparium	0.17%	0.3	0.060 PLS lb
Indiangrass	Sorghastrum nutans	1.41%	2.2	0.500 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.08%	2.0	0.030 PLS lb
Anise Hyssop	Agastache foeniculum	0.34%	4.0	0.120 PLS lb
Lead Plant	Amorpha canescens	0.08%	0.2	0.030 PLS lb
Tall Thimbleweed	Anemone virginiana	0.08%	0.3	0.030 PLS lb
Wild Columbine	Aquilegia canadensis	0.08%	0.4	0.030 PLS lb
Prairie Sage	Artemisia ludoviciana	0.08%	2.8	0.030 PLS lb
White Prairie Clover	Dalea candida	0.17%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.51%	1.2	0.180 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.08%	0.7	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.11%	0.1	0.040 PLS lb
Smooth Wild Rose	Rosa blanda	0.28%	0.1	0.100 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.87%	10.5	0.310 PLS lb
Stiff Goldenrod	Solidago rigida	0.17%	0.9	0.060 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.17%	1.4	0.060 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.37%	0.5	0.130 PLS lb
American Vetch	Vicia americana	0.37%	0.1	0.130 PLS lb
Golden Alexanders	Zizia aurea	0.37%	0.5	0.130 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	70.42%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

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NATIVE SEEDS
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Description: BWSR 36-412 Woodland Edge Northwest Mix

Seeding Rate: 33.65 lb/acre (63.8 seeds/square foot)

Notes: This mix has been designed for northwest Minnesota in areas with dry to mesic soils and part sun for at least 50% of the day where land is being converted from other uses such as lawn or agricultural fields like row crops or pasture.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.22%	1.5	0.410 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.97%	2.2	1.000 PLS lb
Fringed Brome	Bromus ciliatus	2.20%	2.7	0.740 PLS lb
Prairie Brome	Bromus kalmii	3.03%	3.0	1.020 PLS lb
Bluejoint Grass	Calamagrostis canadensis	0.18%	6.2	0.060 PLS lb
Poverty Oats	Danthonia spicata	0.30%	0.9	0.100 PLS lb
Canada Wild Rye	Elymus canadensis	2.97%	1.9	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.97%	2.5	1.000 PLS lb
Virginia Wild Rye	Elymus virginicus	3.86%	2.0	1.300 PLS lb
Little Bluestem	Schizachyrium scoparium	0.36%	0.7	0.120 PLS lb
Indiangrass	Sorghastrum nutans	1.34%	2.0	0.450 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.12%	2.6	0.040 PLS lb
Anise Hyssop	Agastache foeniculum	0.27%	3.0	0.090 PLS lb
Lead Plant	Amorpha canescens	0.15%	0.3	0.050 PLS lb
Tall Thimbleweed	Anemone virginiana	0.09%	0.3	0.030 PLS lb
Wild Columbine	Aquilegia canadensis	0.09%	0.4	0.030 PLS lb
Prairie Sage	Artemisia ludoviciana	0.06%	1.8	0.020 PLS lb
White Prairie Clover	Dalea candida	0.24%	0.6	0.080 PLS lb
Purple Prairie Clover	Dalea purpurea	0.53%	1.2	0.180 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.09%	0.7	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.12%	0.1	0.040 PLS lb
Smooth Wild Rose	Rosa blanda	0.24%	0.1	0.080 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.92%	10.5	0.310 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.18%	1.4	0.060 PLS lb
Stiff Goldenrod	Solidago rigida	0.21%	1.1	0.070 PLS lb
Calico Aster	Symphyotrichum lateriflorum	0.06%	1.8	0.020 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.56%	0.8	0.190 PLS lb
Golden Alexanders	Zizia aurea	0.39%	0.5	0.130 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	74.29%	11.0	25.000 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 36-711 Woodland Edge Central Mix
Seeding Rate: 35.5 lb/acre (63.1 seeds/square foot)
Notes: Partly shaded grassland planting for ecological restoration, native roadsides, or reclamation.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.41%	1.8	0.500 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.82%	2.2	1.000 PLS lb
Fringed Brome	Bromus ciliatus	1.41%	1.8	0.500 PLS lb
Prairie Brome	Bromus kalmii	4.23%	4.4	1.500 PLS lb
Poverty Oats	Danthonia spicata	1.04%	3.4	0.370 PLS lb
Canada Wild Rye	Elymus canadensis	2.11%	1.4	0.750 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.82%	2.5	1.000 PLS lb
Virginia Wild Rye	Elymus virginicus	4.93%	2.7	1.750 PLS lb
Little Bluestem	Schizachyrium scoparium	3.18%	6.2	1.130 PLS lb
Indiangrass	Sorghastrum nutans	1.41%	2.2	0.500 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.08%	2.0	0.030 PLS lb
Anise Hyssop	Agastache foeniculum	0.17%	2.0	0.060 PLS lb
Lead Plant	Amorpha canescens	0.14%	0.3	0.050 PLS lb
Pearly Everlasing	Anaphalis margaritacea	0.06%	1.6	0.020 PLS lb
Canada Milkvetch	Astragalus canadensis	0.70%	1.6	0.250 PLS lb
White Prairie Clover	Dalea candida	0.17%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.51%	1.2	0.180 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.37%	0.3	0.130 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.20%	0.2	0.070 PLS lb
Wild Bergamot	Monarda fistulosa	0.17%	1.5	0.060 PLS lb
Sweet Cicely	Osmorhiza claytonii	0.17%	0.1	0.060 PLS lb
Smooth Wild Rose	Rosa blanda	0.25%	0.1	0.090 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.56%	6.8	0.200 PLS lb
Showy Goldenrod	Solidago speciosa	0.17%	2.1	0.060 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.17%	1.2	0.060 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.17%	1.8	0.060 PLS lb
Golden Alexanders	Zizia aurea	0.17%	0.2	0.060 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	70.42%	11.0	25.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 36-712 Woodland Edge Central Mix

Seeding Rate: 34.4 lb/acre (58.2 seeds/square foot)

Notes: This mix has been designed for central Minnesota in areas with dry to mesic soils and part sun for at least 50% of the day where land is being converted from other uses such as lawn or agricultural fields like row crops or pasture.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.45%	1.8	0.500 PLS lb
Sideoats Grama	Bouteloua curtipendula	2.91%	2.2	1.000 PLS lb
Fringed Brome	Bromus ciliatus	1.45%	1.8	0.500 PLS lb
Prairie Brome	Bromus kalmii	2.50%	2.5	0.860 PLS lb
Poverty Oats	Danthonia spicata	0.29%	0.9	0.100 PLS lb
Canada Wild Rye	Elymus canadensis	1.45%	1.0	0.500 PLS lb
Bottlebrush Grass	Elymus hystrix	1.45%	0.6	0.500 PLS lb
Slender Wheatgrass	Elymus trachycaulus	2.30%	2.0	0.790 PLS lb
Silky Wild Rye	Elymus villosus	1.74%	1.2	0.600 PLS lb
Virginia Wild Rye	Elymus virginicus	2.91%	1.5	1.000 PLS lb
Little Bluestem	Schizachyrium scoparium	1.89%	3.6	0.650 PLS lb
Indiangrass	Sorghastrum nutans	1.45%	2.2	0.500 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.09%	2.0	0.030 PLS lb
Anise Hyssop	Agastache foeniculum	0.17%	2.0	0.060 PLS lb
Lead Plant	Amorpha canescens	0.15%	0.3	0.050 PLS lb
Canada Milkvetch	Astragalus canadensis	0.73%	1.6	0.250 PLS lb
Wild Columbine	Aquilegia canadensis	0.12%	0.6	0.040 PLS lb
White Prairie Clover	Dalea candida	0.17%	0.4	0.060 PLS lb
Purple Prairie Clover	Dalea purpurea	0.52%	1.2	0.180 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	1.08%	0.9	0.370 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.20%	0.2	0.070 PLS lb
Wild Bergamot	Monarda fistulosa	0.20%	1.8	0.070 PLS lb
Sweet Cicely	Osmorhiza claytonii	0.15%	0.0	0.050 PLS lb
Smooth Wild Rose	Rosa blanda	0.20%	0.1	0.070 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.58%	6.8	0.200 PLS lb
Cutleaf Coneflower	Rudbeckia laciniata	0.17%	0.3	0.060 PLS lb
Showy Goldenrod	Solidago speciosa	0.12%	1.4	0.040 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.17%	1.2	0.060 PLS lb
Calico Aster	Symphyotrichum lateriflorum	0.09%	2.8	0.030 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.17%	1.8	0.060 PLS lb
Golden Alexanders	Zizia aurea	0.44%	0.6	0.150 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	72.67%	11.0	25.000 PLS lb

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SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 38-131 Pollinator Sun Low Meadow Mix

Seeding Rate: 20.5 lb/acre (62.9 seeds/square foot)

Notes: This mix is for residential properties with direct, unfiltered sunlight for 6 hours or more each day and dry or mesic soils. These soils should be well to moderately well-drained, good infiltration, and not have standing water for greater than 24 hours.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	4.44%	2.0	0.910 PLS lb
Blue Grama	Bouteloua gracilis	2.44%	7.3	0.500 PLS lb
Prairie Brome	Bromus kalmii	4.15%	2.5	0.850 PLS lb
Canada Wild Rye	Elymus canadensis	2.44%	1.0	0.500 PLS lb
June Grass	Koeleria macrantha	0.93%	14.0	0.190 PLS lb
Little Bluestem	Schizachyrium scoparium	2.44%	2.8	0.500 PLS lb
Prairie Dropseed	Sporobolus heterolepis	1.71%	2.1	0.350 PLS lb
Sedges & Rushes				
Bicknell's Sedge	Carex bicknellii	0.73%	0.9	0.150 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.05%	0.7	0.010 PLS lb
Prairie Onion	Allium stellatum	0.29%	0.2	0.060 PLS lb
Canada Anemone	Anemone canadensis	0.20%	0.1	0.040 PLS lb
Thimbleweed	Anemone cylindrica	0.10%	0.2	0.020 PLS lb
Whorled Milkweed	Asclepias verticillata	0.10%	0.1	0.020 PLS lb
White Prairie Clover	Dalea candida	1.51%	2.2	0.310 PLS lb
Purple Prairie Clover	Dalea purpurea	1.90%	2.6	0.390 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.29%	5.1	0.060 PLS lb
Wild Bergamot	Monarda fistulosa	0.59%	3.1	0.120 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.49%	0.5	0.100 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.29%	2.0	0.060 PLS lb
Gray Goldenrod	Solidago nemoralis	0.05%	1.1	0.010 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.29%	1.4	0.060 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.29%	1.2	0.060 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.39%	2.4	0.080 PLS lb
Hoary Vervain	Verbena stricta	0.29%	0.6	0.060 PLS lb
Golden Alexanders	Zizia aurea	0.44%	0.4	0.090 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	73.17%	6.6	15.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 38-132 Pollinator Shade Low Meadow Mix

Seeding Rate: 19.5 lb/acre (57.3 seeds/square foot)

Notes: This mix is for residential properties with direct, unfiltered sunlight for no less than 5 hours each day and mesic soils. These soils should be well to moderately well-drained, good infiltration, and not have standing water for greater than 24 hours.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Blue Grama	Bouteloua gracilis	5.13%	14.7	1.000 PLS lb
Slender Wheatgrass	Elymus trachycaulus	4.10%	2.0	0.800 PLS lb
Creeping Red Fescue	Festuca rubra	5.44%	10.9	1.060 PLS lb
Nodding Fescue	Festuca subverticillata	0.26%	0.4	0.050 PLS lb
Western Wheatgrass	Pascopyrum smithii	1.23%	0.6	0.240 PLS lb
Sedges & Rushes				
Common Wood Sedge	Carex blanda	0.21%	0.2	0.040 PLS lb
Plains Oval Sedge	Carex brevior	0.82%	1.7	0.160 PLS lb
Forbs				
Wild Garlic	Allium canadense	0.77%	0.0	0.150 PLS lb
Prairie Onion	Allium stellatum	0.56%	0.4	0.110 PLS lb
Thimbleweed	Anemone cylindrica	0.10%	0.2	0.020 PLS lb
Tall Thimbleweed	Anemone virginiana	0.26%	0.5	0.050 PLS lb
Wild Columbine	Aquilegia canadensis	0.36%	1.0	0.070 PLS lb
Spring Beauty	Claytonia virginica	0.10%	0.2	0.020 PLS lb
Purple Prairie Clover	Dalea purpurea	0.67%	0.9	0.130 PLS lb
Dutchman's Breeches	Dicentra cucullaria	0.05%	0.1	0.010 PLS lb
Wild Geranium	Geranium maculatum	0.21%	0.1	0.040 PLS lb
Prairie Wild Rose	Rosa arkansana	0.15%	0.0	0.030 PLS lb
Bloodroot	Sanguinaria canadensis	0.10%	0.0	0.020 PLS lb
Zig Zag Goldenrod	Solidago flexicaulis	0.15%	0.9	0.030 PLS lb
Gray Goldenrod	Solidago nemoralis	0.26%	5.5	0.050 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.46%	2.1	0.090 PLS lb
Heart-leaved Aster	Symphyotrichum cordifolium	0.10%	1.0	0.020 PLS lb
Heath Aster	Symphyotrichum ericoides	0.15%	2.2	0.030 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.26%	1.0	0.050 PLS lb
Calico Aster	Symphyotrichum lateriflorum	0.15%	2.8	0.030 PLS lb
Silky Aster	Symphyotrichum sericeum	0.31%	0.6	0.060 PLS lb
Early Meadow Rue	Thalictrum dioicum	0.21%	0.1	0.040 PLS lb
Prairie Violet	Viola pedatifida	0.15%	0.3	0.030 PLS lb
Heartleaf Alexanders	Zizia aptera	0.36%	0.3	0.070 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	76.92%	6.6	15.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 38-341 Pollinator Plot Northeast Mix

Seeding Rate: 19.25 lb/acre (57.3 seeds/square foot)

Notes: This mix has been designed to support specialist bees, many Lepidoptera species, and includes a wide range of plant families to maximize insect use, bloom periods, and the long-term resiliency of the mix.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.14%	0.8	0.220 PLS lb
Sideoats Grama	Bouteloua curtipendula	5.87%	2.5	1.130 PLS lb
Fringed Brome	Bromus ciliatus	1.30%	0.9	0.250 PLS lb
Poverty Oats	Danthonia spicata	0.21%	0.4	0.040 PLS lb
Bottlebrush Grass	Elymus hystrix	0.21%	0.1	0.040 PLS lb
Switchgrass	Panicum virgatum	0.52%	0.5	0.100 PLS lb
Little Bluestem	Schizachyrium scoparium	3.01%	3.2	0.580 PLS lb
Indiangrass	Sorghastrum nutans	1.04%	0.9	0.200 PLS lb
Prairie Cord Grass	Spartina pectinata	0.21%	0.1	0.040 PLS lb
Sedges & Rushes				
Brown Fox Sedge	Carex vulpinoidea	0.26%	1.8	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.05%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.21%	1.3	0.040 PLS lb
Prairie Onion	Allium stellatum	0.26%	0.2	0.050 PLS lb
Canada Anemone	Anemone canadensis	0.26%	0.1	0.050 PLS lb
Swamp Milkweed	Asclepias incarnata	0.57%	0.2	0.110 PLS lb
Common Milkweed	Asclepias syriaca	0.16%	0.0	0.030 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.16%	0.0	0.030 PLS lb
Canada Milkvetch	Astragalus canadensis	0.16%	0.2	0.030 PLS lb
White Prairie Clover	Dalea candida	0.57%	0.8	0.110 PLS lb
Purple Prairie Clover	Dalea purpurea	1.87%	2.4	0.360 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.52%	0.2	0.100 PLS lb
Flat-topped Aster	Doellingeria umbellata	0.10%	0.5	0.020 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.05%	0.8	0.010 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.05%	1.3	0.010 PLS lb
Joe Pye Weed	Eutrochium maculatum	0.16%	1.0	0.030 PLS lb
Bottle Gentian	Gentiana andrewsii	0.05%	1.0	0.010 PLS lb
Wild Geranium	Geranium maculatum	0.16%	0.1	0.030 PLS lb
Sneezeweed	Helenium autumnale	0.10%	1.0	0.020 PLS lb
Sawtooth Sunflower	Helianthus grosseserratus	0.10%	0.1	0.020 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.05%	1.8	0.010 PLS lb
Winged Loosestrife	Lythrum alatum	0.05%	11.0	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.10%	1.6	0.020 PLS lb
Smooth Wild Rose	Rosa blanda	0.10%	0.0	0.020 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.31%	2.0	0.060 PLS lb
Prairie Blue-eyed Grass	Sisyrinchium campestre	0.05%	0.2	0.010 PLS lb
Gray Goldenrod	Solidago nemoralis	0.10%	2.2	0.020 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.10%	0.5	0.020 PLS lb
Stiff Goldenrod	Solidago rigida	0.31%	0.9	0.060 PLS lb

Showy Goldenrod	Solidago speciosa	0.10%	0.7	0.020	PLS lb
Lindley's Aster	Symphyotrichum ciliolatum	0.10%	0.7	0.020	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.26%	1.0	0.050	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.21%	0.2	0.040	PLS lb
Blue Vervain	Verbena hastata	0.21%	1.4	0.040	PLS lb
Culver's Root	Veronicastrum virginicum	0.05%	2.9	0.010	PLS lb
Golden Alexanders	Zizia aurea	0.62%	0.5	0.120	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	77.92%	6.6	15.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 38-441 Pollinator Plot Northwest Mix

Seeding Rate: 20.55 lb/acre (48.9 seeds/square foot)

Notes: This mix has been designed to support specialist bees, many Lepidoptera species, and includes a wide range of plant families to maximize insect use, bloom periods, and the long-term resiliency of the mix.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	1.12%	0.8	0.230 PLS lb
Sideoats Grama	Bouteloua curtipendula	6.57%	3.0	1.350 PLS lb
Canada Wild Rye	Elymus canadensis	1.90%	0.7	0.390 PLS lb
Switchgrass	Panicum virgatum	0.49%	0.5	0.100 PLS lb
Little Bluestem	Schizachyrium scoparium	2.73%	3.1	0.560 PLS lb
Indiangrass	Sorghastrum nutans	1.12%	1.0	0.230 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.44%	0.5	0.090 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.24%	0.5	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.05%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.19%	1.3	0.040 PLS lb
Prairie Onion	Allium stellatum	0.29%	0.2	0.060 PLS lb
Lead Plant	Amorpha canescens	0.58%	0.7	0.120 PLS lb
Canada Anemone	Anemone canadensis	0.10%	0.1	0.020 PLS lb
Common Milkweed	Asclepias syriaca	0.68%	0.2	0.140 PLS lb
Canada Milkvetch	Astragalus canadensis	0.19%	0.2	0.040 PLS lb
White Prairie Clover	Dalea candida	0.19%	0.3	0.040 PLS lb
Purple Prairie Clover	Dalea purpurea	2.19%	3.0	0.450 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.34%	0.1	0.070 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.10%	1.7	0.020 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.39%	0.2	0.080 PLS lb
Bottle Gentian	Gentiana andrewsii	0.05%	1.0	0.010 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.15%	0.0	0.030 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.10%	0.1	0.020 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.15%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	2.09%	1.0	0.430 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.05%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.05%	0.1	0.010 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.19%	0.1	0.040 PLS lb
Wild Bergamot	Monarda fistulosa	0.19%	1.0	0.040 PLS lb
Common Evening Primrose	Oenothera biennis	0.15%	1.0	0.030 PLS lb
Wood Betony	Pedicularis canadensis	0.05%	0.1	0.010 PLS lb
Prairie Phlox	Phlox pilosa	0.05%	0.1	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.05%	0.8	0.010 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.78%	2.5	0.160 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.44%	3.0	0.090 PLS lb
Early Figwort	Scrophularia lanceolata	0.05%	0.7	0.010 PLS lb
Prairie Blue-eyed Grass	Sisyrinchium campestre	0.05%	0.2	0.010 PLS lb
Gray Goldenrod	Solidago nemoralis	0.10%	2.2	0.020 PLS lb

Upland White Goldenrod	Solidago ptarmicoides	0.10%	0.5	0.020	PLS lb
Stiff Goldenrod	Solidago rigida	0.34%	1.1	0.070	PLS lb
Showy Goldenrod	Solidago speciosa	0.19%	1.4	0.040	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.19%	0.8	0.040	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.15%	0.9	0.030	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.29%	0.2	0.060	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.24%	0.2	0.050	PLS lb
Blue Vervain	Verbena hastata	0.15%	1.0	0.030	PLS lb
Prairie Violet	Viola pedatifida	0.05%	0.1	0.010	PLS lb
Heartleaf Alexanders	Zizia aptera	0.10%	0.1	0.020	PLS lb
Golden Alexanders	Zizia aurea	0.58%	0.5	0.120	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	72.99%	6.6	15.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 38-541 Pollinator Plot Southwest Mix

Seeding Rate: 20.15 lb/acre (60.2 seeds/square foot)

Notes: This mix has been designed to support specialist bees, many Lepidoptera species, and includes a wide range of plant families to maximize insect use, bloom periods, and the long-term resiliency of the mix.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	0.55%	0.4	0.110 PLS lb
Sideoats Grama	Bouteloua curtipendula	6.75%	3.0	1.360 PLS lb
Blue Grama	Bouteloua gracilis	0.35%	1.0	0.070 PLS lb
Prairie Brome	Bromus kalmii	1.69%	1.0	0.340 PLS lb
Canada Wild Rye	Elymus canadensis	1.24%	0.5	0.250 PLS lb
June Grass	Koeleria macrantha	0.05%	0.7	0.010 PLS lb
Little Bluestem	Schizachyrium scoparium	2.68%	3.0	0.540 PLS lb
Indiangrass	Sorghastrum nutans	0.35%	0.3	0.070 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.25%	0.3	0.050 PLS lb
Sedges & Rushes				
Bicknell's Sedge	Carex bicknellii	0.25%	0.3	0.050 PLS lb
Plains Oval Sedge	Carex brevior	0.25%	0.5	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.05%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.15%	1.0	0.030 PLS lb
Prairie Onion	Allium stellatum	0.15%	0.1	0.030 PLS lb
Lead Plant	Amorpha canescens	0.35%	0.4	0.070 PLS lb
Canada Anemone	Anemone canadensis	0.10%	0.1	0.020 PLS lb
Thimbleweed	Anemone cylindrica	0.05%	0.1	0.010 PLS lb
Common Milkweed	Asclepias syriaca	0.69%	0.2	0.140 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.20%	0.1	0.040 PLS lb
Canada Milkvetch	Astragalus canadensis	0.15%	0.2	0.030 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.74%	0.1	0.150 PLS lb
Prairie Thistle	Cirsium flodmanii	0.05%	0.0	0.010 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.10%	0.1	0.020 PLS lb
White Prairie Clover	Dalea candida	0.35%	0.5	0.070 PLS lb
Purple Prairie Clover	Dalea purpurea	1.79%	2.4	0.360 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.05%	0.0	0.010 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.05%	0.8	0.010 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.30%	0.2	0.060 PLS lb
Bottle Gentian	Gentiana andrewsii	0.05%	1.0	0.010 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.10%	0.0	0.020 PLS lb
Sneezeweed	Helenium autumnale	0.25%	2.4	0.050 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.30%	0.3	0.060 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.15%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	0.84%	0.4	0.170 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.05%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.05%	0.1	0.010 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.05%	0.0	0.010 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.05%	0.0	0.010 PLS lb

Winged Loosestrife	Lythrum alatum	0.05%	11.0	0.010 PLS lb
Wild Bergamot	Monarda fistulosa	0.25%	1.3	0.050 PLS lb
Common Evening Primrose	Oenothera biennis	0.10%	0.7	0.020 PLS lb
Wood Betony	Pedicularis canadensis	0.05%	0.1	0.010 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.35%	0.4	0.070 PLS lb
Prairie Phlox	Phlox pilosa	0.05%	0.1	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.05%	0.8	0.010 PLS lb
Yellow Coneflower	Ratibida pinnata	0.35%	0.8	0.070 PLS lb
Prairie Wild Rose	Rosa arkansana	0.05%	0.0	0.010 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.35%	2.4	0.070 PLS lb
Early Figwort	Scrophularia lanceolata	0.10%	1.4	0.020 PLS lb
Prairie Blue-eyed Grass	Sisyrinchium campestre	0.05%	0.2	0.010 PLS lb
Gray Goldenrod	Solidago nemoralis	0.05%	1.1	0.010 PLS lb
Stiff Goldenrod	Solidago rigida	0.30%	0.9	0.060 PLS lb
Showy Goldenrod	Solidago speciosa	0.15%	1.0	0.030 PLS lb
Heath Aster	Symphyotrichum ericoides	0.05%	0.7	0.010 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.25%	1.0	0.050 PLS lb
New England Aster	Symphyotrichum novae-angliae	0.20%	1.0	0.040 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.35%	0.3	0.070 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.15%	0.1	0.030 PLS lb
Hoary Vervain	Verbena stricta	0.10%	0.2	0.020 PLS lb
Culver's Root	Veronicastrum virginicum	0.05%	2.9	0.010 PLS lb
Heartleaf Alexanders	Zizia aptera	0.20%	0.2	0.040 PLS lb
Golden Alexanders	Zizia aurea	0.35%	0.3	0.070 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	74.44%	6.6	15.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 38-542 Beneficial Insects South & West Mix

Seeding Rate: 22.4 lb/acre (70 seeds/square foot)

Notes: This mix has been designed to support specialist bees, many Lepidoptera species, and a wide range of beneficial insects. It includes a wide range of plant families to maximize insect use, bloom periods, and the long-term resiliency of the mix.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	0.27%	0.2	0.060 PLS lb
Sideoats Grama	Bouteloua curtipendula	7.10%	3.5	1.590 PLS lb
Blue Grama	Bouteloua gracilis	1.12%	3.7	0.250 PLS lb
Canada Wild Rye	Elymus canadensis	2.81%	1.2	0.630 PLS lb
Porcupine Grass	Hesperostipa spartea	0.36%	0.0	0.080 PLS lb
June Grass	Koeleria macrantha	0.71%	11.8	0.160 PLS lb
Switchgrass	Panicum virgatum	0.45%	0.5	0.100 PLS lb
Little Bluestem	Schizachyrium scoparium	4.06%	5.0	0.910 PLS lb
Indiangrass	Sorghastrum nutans	0.54%	0.5	0.120 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.67%	0.9	0.150 PLS lb
Sedges & Rushes				
Bicknell's Sedge	Carex bicknellii	0.40%	0.6	0.090 PLS lb
Plains Oval Sedge	Carex brevior	0.31%	0.7	0.070 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.18%	1.5	0.040 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.04%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.18%	1.3	0.040 PLS lb
Prairie Onion	Allium stellatum	0.27%	0.2	0.060 PLS lb
Lead Plant	Amorpha canescens	0.36%	0.5	0.080 PLS lb
Canada Anemone	Anemone canadensis	0.09%	0.1	0.020 PLS lb
Common Milkweed	Asclepias syriaca	0.63%	0.2	0.140 PLS lb
Canada Milkvetch	Astragalus canadensis	0.13%	0.2	0.030 PLS lb
Partridge Pea	Chamaecrista fasciculata	2.23%	0.5	0.500 PLS lb
White Prairie Clover	Dalea candida	1.12%	1.7	0.250 PLS lb
Purple Prairie Clover	Dalea purpurea	1.70%	2.5	0.380 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.36%	0.2	0.080 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.09%	1.7	0.020 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.36%	0.2	0.080 PLS lb
Bottle Gentian	Gentiana andrewsii	0.04%	1.0	0.010 PLS lb
Wild Licorice	Glycyrrhiza lepidota	0.13%	0.0	0.030 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.09%	0.1	0.020 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.13%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	1.92%	1.0	0.430 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.04%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.04%	0.1	0.010 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.18%	0.1	0.040 PLS lb
Wild Bergamot	Monarda fistulosa	0.18%	1.0	0.040 PLS lb
Common Evening Primrose	Oenothera biennis	0.13%	1.0	0.030 PLS lb
Wood Betony	Pedicularis canadensis	0.04%	0.1	0.010 PLS lb
Prairie Phlox	Phlox pilosa	0.04%	0.1	0.010 PLS lb

Virginia Mountain Mint	Pycnanthemum virginianum	0.04%	0.8	0.010 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.71%	2.5	0.160 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.40%	3.0	0.090 PLS lb
Early Figwort	Scrophularia lanceolata	0.04%	0.7	0.010 PLS lb
Prairie Blue-eyed Grass	Sisyrinchium campestre	0.04%	0.2	0.010 PLS lb
Gray Goldenrod	Solidago nemoralis	0.09%	2.2	0.020 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.09%	0.5	0.020 PLS lb
Stiff Goldenrod	Solidago rigida	0.31%	1.1	0.070 PLS lb
Showy Goldenrod	Solidago speciosa	0.18%	1.4	0.040 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.18%	0.8	0.040 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.13%	0.9	0.030 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.27%	0.2	0.060 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.22%	0.2	0.050 PLS lb
Blue Vervain	Verbena hastata	0.13%	1.0	0.030 PLS lb
Prairie Violet	Viola pedatifida	0.04%	0.1	0.010 PLS lb
Heartleaf Alexanders	Zizia aptera	0.09%	0.1	0.020 PLS lb
Golden Alexanders	Zizia aurea	0.54%	0.5	0.120 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	66.96%	6.6	15.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 38-631 Pollinator Plot Urban Southeast Mix

Seeding Rate: 21.45 lb/acre (75.7 seeds/square foot)

Notes: This mix has been designed to support specialist bees, many Lepidoptera species, and includes a wide range of plant families to maximize insect use, bloom periods, and the long-term resiliency of the mix.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	8.48%	4.0	1.820 PLS lb
Blue Grama	Bouteloua gracilis	0.93%	2.9	0.200 PLS lb
Prairie Brome	Bromus kalmii	1.12%	0.7	0.240 PLS lb
Canada Wild Rye	Elymus canadensis	0.93%	0.4	0.200 PLS lb
June Grass	Koeleria macrantha	0.28%	4.4	0.060 PLS lb
Switchgrass	Panicum virgatum	0.37%	0.4	0.080 PLS lb
Little Bluestem	Schizachyrium scoparium	4.66%	5.5	1.000 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.47%	0.6	0.100 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.23%	0.5	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.05%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.23%	1.7	0.050 PLS lb
Prairie Onion	Allium stellatum	0.23%	0.2	0.050 PLS lb
Lead Plant	Amorpha canescens	0.23%	0.3	0.050 PLS lb
Thimbleweed	Anemone cylindrica	0.09%	0.2	0.020 PLS lb
Common Milkweed	Asclepias syriaca	0.65%	0.2	0.140 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.28%	0.1	0.060 PLS lb
Canada Milkvetch	Astragalus canadensis	0.23%	0.3	0.050 PLS lb
Partridge Pea	Chamaecrista fasciculata	0.93%	0.2	0.200 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.14%	0.1	0.030 PLS lb
White Prairie Clover	Dalea candida	0.65%	1.0	0.140 PLS lb
Purple Prairie Clover	Dalea purpurea	1.68%	2.4	0.360 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.05%	0.8	0.010 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.19%	0.1	0.040 PLS lb
Bottle Gentian	Gentiana andrewsii	0.05%	1.0	0.010 PLS lb
Sneezeweed	Helenium autumnale	0.05%	0.5	0.010 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.05%	0.0	0.010 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.14%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	1.17%	0.6	0.250 PLS lb
Round-headed Bush Clover	Lespedeza capitata	0.37%	0.2	0.080 PLS lb
Rough Blazing Star	Liatris aspera	0.14%	0.2	0.030 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.14%	0.1	0.030 PLS lb
Wild Lupine	Lupinus perennis	0.09%	0.0	0.020 PLS lb
Winged Loosestrife	Lythrum alatum	0.05%	11.0	0.010 PLS lb
Wild Bergamot	Monarda fistulosa	0.14%	0.8	0.030 PLS lb
Spotted Bee Balm	Monarda punctata	0.14%	1.0	0.030 PLS lb
Common Evening Primrose	Oenothera biennis	0.14%	1.0	0.030 PLS lb
Wood Betony	Pedicularis canadensis	0.05%	0.1	0.010 PLS lb
Foxglove Beardtongue	Penstemon digitalis	0.19%	1.9	0.040 PLS lb

Large-flowered Beardtongue	Penstemon grandiflorus	0.28%	0.3	0.060	PLS lb
Prairie Phlox	Phlox pilosa	0.05%	0.1	0.010	PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.09%	1.6	0.020	PLS lb
Yellow Coneflower	Ratibida pinnata	0.23%	0.6	0.050	PLS lb
Black-eyed Susan	Rudbeckia hirta	0.47%	3.4	0.100	PLS lb
Early Figwort	Scrophularia lanceolata	0.05%	0.7	0.010	PLS lb
Prairie Blue-eyed Grass	Sisyrinchium campestre	0.05%	0.2	0.010	PLS lb
Gray Goldenrod	Solidago nemoralis	0.09%	2.2	0.020	PLS lb
Stiff Goldenrod	Solidago rigida	0.33%	1.1	0.070	PLS lb
Showy Goldenrod	Solidago speciosa	0.09%	0.7	0.020	PLS lb
Heath Aster	Symphyotrichum ericoides	0.05%	0.7	0.010	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.23%	1.0	0.050	PLS lb
New England Aster	Symphyotrichum novae-angliae	0.14%	0.7	0.030	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.23%	1.5	0.050	PLS lb
Silky Aster	Symphyotrichum sericeum	0.14%	0.3	0.030	PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.19%	0.2	0.040	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.14%	0.1	0.030	PLS lb
Hoary Vervain	Verbena stricta	0.56%	1.2	0.120	PLS lb
Culver's Root	Veronicastrum virginicum	0.09%	5.9	0.020	PLS lb
Prairie Violet	Viola pedatifida	0.05%	0.1	0.010	PLS lb
Heartleaf Alexanders	Zizia aptera	0.23%	0.2	0.050	PLS lb
Golden Alexanders	Zizia aurea	0.28%	0.2	0.060	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	69.93%	6.6	15.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 38-641 Pollinator Plot Southeast Mix

Seeding Rate: 20.15 lb/acre (56.5 seeds/square foot)

Notes: This mix has been designed to support specialist bees, many Lepidoptera species, and includes a wide range of plant families to maximize insect use, bloom periods, and the long-term resiliency of the mix.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Big Bluestem	Andropogon gerardii	0.69%	0.5	0.140 PLS lb
Sideoats Grama	Bouteloua curtipendula	6.70%	3.0	1.350 PLS lb
Prairie Brome	Bromus kalmii	0.15%	0.1	0.030 PLS lb
Canada Wild Rye	Elymus canadensis	1.19%	0.5	0.240 PLS lb
June Grass	Koeleria macrantha	0.05%	0.7	0.010 PLS lb
Switchgrass	Panicum virgatum	0.50%	0.5	0.100 PLS lb
Little Bluestem	Schizachyrium scoparium	2.68%	3.0	0.540 PLS lb
Indiangrass	Sorghastrum nutans	0.74%	0.7	0.150 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.45%	0.5	0.090 PLS lb
Sedges & Rushes				
Plains Oval Sedge	Carex brevior	0.25%	0.5	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.10%	1.3	0.020 PLS lb
Lead Plant	Amorpha canescens	0.40%	0.5	0.080 PLS lb
Canada Anemone	Anemone canadensis	0.15%	0.1	0.030 PLS lb
Thimbleweed	Anemone cylindrica	0.10%	0.2	0.020 PLS lb
Common Milkweed	Asclepias syriaca	0.69%	0.2	0.140 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.30%	0.1	0.060 PLS lb
Canada Milkvetch	Astragalus canadensis	0.10%	0.1	0.020 PLS lb
Partridge Pea	Chamaecrista fasciculata	2.43%	0.5	0.490 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.05%	0.0	0.010 PLS lb
White Prairie Clover	Dalea candida	0.15%	0.2	0.030 PLS lb
Purple Prairie Clover	Dalea purpurea	1.79%	2.4	0.360 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.25%	0.1	0.050 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.05%	0.8	0.010 PLS lb
Bottle Gentian	Gentiana andrewsii	0.05%	1.0	0.010 PLS lb
Sneezeweed	Helenium autumnale	0.05%	0.5	0.010 PLS lb
Maximilian Sunflower	Helianthus maximiliani	0.10%	0.1	0.020 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.15%	0.0	0.030 PLS lb
Ox-eye Sunflower	Heliopsis helianthoides	1.04%	0.5	0.210 PLS lb
Prairie Alumroot	Heuchera richardsonii	0.05%	2.6	0.010 PLS lb
Rough Blazing Star	Liatris aspera	0.05%	0.1	0.010 PLS lb
Meadow Blazing Star	Liatris ligulistylis	0.15%	0.1	0.030 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.05%	0.0	0.010 PLS lb
Wild Lupine	Lupinus perennis	0.10%	0.0	0.020 PLS lb
Winged Loosestrife	Lythrum alatum	0.05%	11.0	0.010 PLS lb
Wild Bergamot	Monarda fistulosa	0.20%	1.0	0.040 PLS lb
Spotted Bee Balm	Monarda punctata	0.10%	0.7	0.020 PLS lb
Common Evening Primrose	Oenothera biennis	0.10%	0.7	0.020 PLS lb
Wood Betony	Pedicularis canadensis	0.05%	0.1	0.010 PLS lb

Large-flowered Beardtongue	Penstemon grandiflorus	0.40%	0.4	0.080	PLS lb
Prairie Phlox	Phlox pilosa	0.05%	0.1	0.010	PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.05%	0.8	0.010	PLS lb
Yellow Coneflower	Ratibida pinnata	0.25%	0.6	0.050	PLS lb
Black-eyed Susan	Rudbeckia hirta	0.35%	2.4	0.070	PLS lb
Early Figwort	Scrophularia lanceolata	0.05%	0.7	0.010	PLS lb
Cup Plant	Silphium perfoliatum	0.10%	0.0	0.020	PLS lb
Gray Goldenrod	Solidago nemoralis	0.05%	1.1	0.010	PLS lb
Stiff Goldenrod	Solidago rigida	0.30%	0.9	0.060	PLS lb
Showy Goldenrod	Solidago speciosa	0.15%	1.0	0.030	PLS lb
Heath Aster	Symphyotrichum ericoides	0.05%	0.7	0.010	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.15%	0.6	0.030	PLS lb
New England Aster	Symphyotrichum novae-angliae	0.15%	0.7	0.030	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.10%	0.6	0.020	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.15%	0.1	0.030	PLS lb
Hoary Vervain	Verbena stricta	0.40%	0.8	0.080	PLS lb
Culver's Root	Veronicastrum virginicum	0.05%	2.9	0.010	PLS lb
Prairie Violet	Viola pedatifida	0.05%	0.1	0.010	PLS lb
Golden Alexanders	Zizia aurea	0.50%	0.4	0.100	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	74.44%	6.6	15.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 39-221 Mid Diversity Solar Array Dry Soil South & West Mix

Seeding Rate: 24.65 lb/acre (82.3 seeds/square foot)

Notes: This mix has been designed to establish native plantings under solar panels that provide habitat for pollinators and other invertebrates, enhances water management, improves habitat for beneficial soil organisms, and provides cooling of solar panels.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	12.90%	7.0	3.180 PLS lb
Blue Grama	Bouteloua gracilis	2.76%	10.0	0.680 PLS lb
Prairie Brome	Bromus kalmii	0.81%	0.6	0.200 PLS lb
Canada Wild Rye	Elymus canadensis	0.81%	0.4	0.200 PLS lb
Creeping Red Fescue	Festuca rubra	4.06%	10.3	1.000 PLS lb
June Grass	Koeleria macrantha	0.57%	10.3	0.140 PLS lb
Little Bluestem	Schizachyrium scoparium	5.88%	8.0	1.450 PLS lb
Rough Dropseed	Sporobolus compositus	1.83%	5.0	0.450 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.41%	0.6	0.100 PLS lb
Sedges & Rushes				
Bicknell's Sedge	Carex bicknellii	0.12%	0.2	0.030 PLS lb
Plains Oval Sedge	Carex brevior	0.24%	0.6	0.060 PLS lb
Schweinitz's Flatsedge	Cyperus schweinitzii	0.24%	0.5	0.060 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.12%	2.0	0.030 PLS lb
Prairie Onion	Allium stellatum	0.24%	0.2	0.060 PLS lb
Lead Plant	Amorpha canescens	0.28%	0.4	0.070 PLS lb
Wild Columbine	Aquilegia canadensis	0.08%	0.3	0.020 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.24%	0.1	0.060 PLS lb
Whorled Milkweed	Asclepias verticillata	0.16%	0.2	0.040 PLS lb
Partridge Pea	Chamaecrista fasciculata	1.22%	0.3	0.300 PLS lb
White Prairie Clover	Dalea candida	1.22%	2.1	0.300 PLS lb
Purple Prairie Clover	Dalea purpurea	1.66%	2.7	0.410 PLS lb
Prairie Cinquefoil	Drymocallis arguta	0.04%	0.8	0.010 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.12%	0.1	0.030 PLS lb
Prairie Smoke	Geum triflorum	0.04%	0.1	0.010 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.16%	0.1	0.040 PLS lb
Rough Blazing Star	Liatris aspera	0.08%	0.1	0.020 PLS lb
Wild Bergamot	Monarda fistulosa	0.08%	0.5	0.020 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.32%	0.4	0.080 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.53%	2.0	0.130 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.49%	4.1	0.120 PLS lb
Gray Goldenrod	Solidago nemoralis	0.04%	1.1	0.010 PLS lb
Showy Goldenrod	Solidago speciosa	0.12%	1.0	0.030 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.24%	1.8	0.060 PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.04%	0.0	0.010 PLS lb
Hoary Vervain	Verbena stricta	0.61%	1.5	0.150 PLS lb
Heartleaf Alexanders	Zizia aptera	0.37%	0.4	0.090 PLS lb
Cover Crop				

Oats/Winter Wheat	Avena sativa/Triticum aestivum	60.85%	6.6	15.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
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Description: BWSR 39-241 High Diversity Solar Array Mesic Soil South & West Mix

Seeding Rate: 23.1 lb/acre (53.5 seeds/square foot)

Notes: This mix has been designed to establish native plantings under solar panels that provide habitat for pollinators and other invertebrates, enhances water management, improves habitat for beneficial soil organisms, and provides cooling of solar panels.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	6.49%	3.3	1.500 PLS lb
Blue Grama	Bouteloua gracilis	1.30%	4.4	0.300 PLS lb
Prairie Brome	Bromus kalmii	3.68%	2.5	0.850 PLS lb
Canada Wild Rye	Elymus canadensis	3.46%	1.5	0.800 PLS lb
Bottlebrush Grass	Elymus hystrix	0.43%	0.1	0.100 PLS lb
Silky Wild Rye	Elymus villosus	1.08%	0.5	0.250 PLS lb
Virginia Wild Rye	Elymus virginicus	2.81%	1.0	0.650 PLS lb
Nodding Fescue	Festuca subverticillata	0.22%	0.4	0.050 PLS lb
June Grass	Koeleria macrantha	0.43%	7.3	0.100 PLS lb
Little Bluestem	Schizachyrium scoparium	3.25%	4.1	0.750 PLS lb
Prairie Dropseed	Sporobolus heterolepis	2.16%	2.9	0.500 PLS lb
Sedges & Rushes				
Bicknell's Sedge	Carex bicknellii	0.22%	0.3	0.050 PLS lb
Plains Oval Sedge	Carex brevior	0.22%	0.5	0.050 PLS lb
Long-beaked Sedge	Carex sprengelii	0.22%	0.2	0.050 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.04%	0.7	0.010 PLS lb
Anise Hyssop	Agastache foeniculum	0.09%	0.7	0.020 PLS lb
Prairie Onion	Allium stellatum	0.26%	0.2	0.060 PLS lb
Lead Plant	Amorpha canescens	0.48%	0.6	0.110 PLS lb
Wild Columbine	Aquilegia canadensis	0.09%	0.3	0.020 PLS lb
Common Milkweed	Asclepias syriaca	0.43%	0.1	0.100 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.26%	0.1	0.060 PLS lb
Whorled Milkweed	Asclepias verticillata	0.13%	0.1	0.030 PLS lb
Canada Milkvetch	Astragalus canadensis	0.52%	0.7	0.120 PLS lb
Ground Plum	Astragalus crassicarpus	0.09%	0.0	0.020 PLS lb
Prairie Coreopsis	Coreopsis palmata	0.13%	0.1	0.030 PLS lb
White Prairie Clover	Dalea candida	1.08%	1.7	0.250 PLS lb
Purple Prairie Clover	Dalea purpurea	1.95%	3.0	0.450 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.52%	0.2	0.120 PLS lb
Narrow-leaved Coneflower	Echinacea angustifolia	0.26%	0.2	0.060 PLS lb
Northern Bedstraw	Galium boreale	0.04%	0.3	0.010 PLS lb
Stiff Sunflower	Helianthus pauciflorus	0.22%	0.1	0.050 PLS lb
Rough Blazing Star	Liatris aspera	0.09%	0.1	0.020 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.22%	0.2	0.050 PLS lb
Wild Bergamot	Monarda fistulosa	0.09%	0.5	0.020 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.26%	0.3	0.060 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.04%	0.8	0.010 PLS lb
Long-headed Coneflower	Ratibida columnifera	0.13%	0.5	0.030 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.22%	1.7	0.050 PLS lb

Prairie Blue-eyed Grass	Sisyrinchium campestre	0.04%	0.2	0.010	PLS lb
Stiff Goldenrod	Solidago rigida	0.13%	0.5	0.030	PLS lb
Showy Goldenrod	Solidago speciosa	0.09%	0.7	0.020	PLS lb
Heath Aster	Symphyotrichum ericoides	0.04%	0.7	0.010	PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.13%	0.6	0.030	PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.13%	0.9	0.030	PLS lb
Prairie Spiderwort	Tradescantia bracteata	0.13%	0.1	0.030	PLS lb
Heartleaf Alexanders	Zizia aptera	0.13%	0.1	0.030	PLS lb
Golden Alexanders	Zizia aurea	0.65%	0.6	0.150	PLS lb
Cover Crop					
Oats/Winter Wheat	Avena sativa/Triticum aestivum	64.94%	6.6	15.00	PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS
20740 County Road 33 • Spring Grove, MN 55974
(507) 498-3944 • info@shootingstarnativeseed.com

Description: BWSR 39-551 Mid Diversity Solar Array Moist Soil South & West Mix

Seeding Rate: 30.4 lb/acre (110.7 seeds/square foot)

Notes: This mix has been designed to establish native plantings under solar panels that provide habitat for pollinators and other invertebrates, enhances water management, improves habitat for beneficial soil organisms, and provides cooling of solar panels.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Bluejoint Grass	Calamagrostis canadensis	0.33%	10.3	0.100 PLS lb
Slender Wheatgrass	Elymus trachycaulus	5.92%	4.6	1.800 PLS lb
Virginia Wild Rye	Elymus virginicus	4.28%	2.0	1.300 PLS lb
Fowl Manna Grass	Glyceria striata	0.49%	8.8	0.150 PLS lb
Fowl Bluegrass	Poa palustris	1.32%	19.1	0.400 PLS lb
Sedges & Rushes				
Pointed-broom Sedge	Carex scoparia	0.16%	1.5	0.050 PLS lb
Common Fox Sedge	Carex stipata	0.26%	1.0	0.080 PLS lb
Brown Fox Sedge	Carex vulpinoidea	0.33%	3.7	0.100 PLS lb
Woolgrass	Scirpus cyperinus	0.07%	12.5	0.020 PLS lb
Forbs				
Canada Anemone	Anemone canadensis	0.10%	0.1	0.030 PLS lb
Swamp Milkweed	Asclepias incarnata	0.79%	0.4	0.240 PLS lb
Canada Milkvetch	Astragalus canadensis	0.53%	1.0	0.160 PLS lb
White Prairie Clover	Dalea candida	1.32%	2.8	0.400 PLS lb
Showy Tick Trefoil	Desmodium canadense	0.66%	0.4	0.200 PLS lb
Grass-leaved Goldenrod	Euthamia gramnifolia	0.03%	1.3	0.010 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.03%	1.8	0.010 PLS lb
Winged Loosestrife	Lythrum alatum	0.03%	11.0	0.010 PLS lb
Monkey Flower	Mimulus ringens	0.03%	8.4	0.010 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.07%	1.6	0.020 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.33%	3.4	0.100 PLS lb
Prairie Blue-eyed Grass	Sisyrinchium campestre	0.03%	0.2	0.010 PLS lb
Riddell's Goldenrod	Solidago riddellii	0.10%	1.0	0.030 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.10%	0.6	0.030 PLS lb
Panicled Aster	Symphyotrichum lanceolatum	0.10%	1.7	0.030 PLS lb
Purple Meadow Rue	Thalictrum dasycarpum	0.30%	0.4	0.090 PLS lb
Golden Alexanders	Zizia aurea	0.07%	0.1	0.020 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	82.24%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.

SHOOTING STAR
NATIVE SEEDS

20740 County Road 33 • Spring Grove, MN 55974
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Description: BWSR 39-641 Mid Diversity Solar Array Mesic Soil Northeast Mix

Seeding Rate: 38 lb/acre (87.3 seeds/square foot)

Notes: This mix has been designed to establish native plantings under solar panels that provide habitat for pollinators and other invertebrates, enhances water management, improves habitat for beneficial soil organisms, and provides cooling of solar panels.

Common Name	Scientific Name	% of Mix	Seeds/ft^2	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	14.34%	12.0	5.450 PLS lb
Prairie Brome	Bromus kalmii	1.32%	1.5	0.500 PLS lb
Canada Wild Rye	Elymus canadensis	4.13%	3.0	1.570 PLS lb
Creeping Red Fescue	Festuca rubra	2.76%	10.8	1.050 PLS lb
June Grass	Koeleria macrantha	0.50%	14.0	0.190 PLS lb
Little Bluestem	Schizachyrium scoparium	6.68%	14.0	2.540 PLS lb
Sedges & Rushes				
Bicknell's Sedge	Carex bicknellii	0.16%	0.4	0.060 PLS lb
Plains Oval Sedge	Carex brevior	0.13%	0.5	0.050 PLS lb
Long-beaked Sedge	Carex sprengelii	0.11%	0.1	0.040 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.08%	2.0	0.030 PLS lb
Prairie Onion	Allium stellatum	0.11%	0.2	0.040 PLS lb
Wild Columbine	Aquilegia canadensis	0.05%	0.3	0.020 PLS lb
Common Milkweed	Asclepias syriaca	0.37%	0.2	0.140 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.08%	0.0	0.030 PLS lb
Canada Milkvetch	Astragalus canadensis	0.34%	0.8	0.130 PLS lb
White Prairie Clover	Dalea candida	0.55%	1.5	0.210 PLS lb
Purple Prairie Clover	Dalea purpurea	0.95%	2.4	0.360 PLS lb
Rough Blazing Star	Liatris aspera	0.05%	0.1	0.020 PLS lb
Large-flowered Beardtongue	Penstemon grandiflorus	0.16%	0.3	0.060 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.05%	1.6	0.020 PLS lb
Black-eyed Susan	Rudbeckia hirta	0.21%	2.7	0.080 PLS lb
~~Prairie Blue-eyed Grass~~	~~Sisyrinchium campestre~~	~~0.05%~~	~~0.3~~	~~0.020 PLS lb~~
~~Solomon's Plume~~	~~Maianthemum racemosum~~	~~0.16%~~	~~0.0~~	~~0.060 PLS lb~~
Gray Goldenrod	Solidago nemoralis	0.05%	2.2	0.020 PLS lb
Upland White Goldenrod	Solidago ptarmicoides	0.16%	1.4	0.060 PLS lb
Smooth Blue Aster	Symphyotrichum laeve	0.13%	1.0	0.050 PLS lb
Calico Aster	Symphyotrichum lateriflorum	0.03%	0.9	0.010 PLS lb
Sky Blue Aster	Symphyotrichum oolentangiense	0.13%	1.5	0.050 PLS lb
~~Prairie Spiderwort~~	~~Tradescantia bracteata~~	~~0.05%~~	~~0.1~~	~~0.020 PLS lb~~
Golden Alexanders	Zizia aurea	0.32%	0.5	0.120 PLS lb
Cover Crop				
Oats/Winter Wheat	Avena sativa/Triticum aestivum	65.79%	11.0	25.00 PLS lb

Request a price quote for this mix by contacting info@shootingstarnativeseed.com or (507) 498-3944. Substitutions may be necessary based on availability at the time of order.