

Seed Mixture Component Requirements (21-000 and 22-000 series mixes)

Requirements are in effect until revised by Mn/DOT. Always consult website to determine current requirements. Most recent substitutions are highlighted in orange.

Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable Varieties/Origin	Certification Required	Common Name	Scientific Name	Acceptable Varieties/Origin	Certification Required	Authorization Date
Alfalfa, annual	<i>Medicago sativa</i>	Beacon, Condor, Coronado, El Grande, Maricopa, Mecca, Mesa, Nitro, Prestige, Sundor, Tulane, Westar	Yes	Alfalfa, annual	<i>Medicago sativa</i>	Beacon, Condor, Coronado, El Grande, Maricopa, Mecca, Mesa, Nitro, Prestige, Sundor, Tulane, Westar	No*	3/1/2021
Alfalfa, creeping	<i>Medicago sativa</i>	Rambler, Rangelander, Spredor 2, Spyder, Teton, Travois, Victoria	Yes	Alfalfa, creeping	<i>Medicago sativa</i>	Rambler, Rangelander, Spredor 2, Spyder, Teton, Travois, Victoria	No*	3/1/2021
Alfalfa, perennial	<i>Medicago sativa</i>	Vernal	Yes	Alfalfa, perennial	<i>Medicago sativa</i>	Vernal	No*	3/1/2021
Big Bluestem	<i>Andropogon gerardi</i>	***	Yes	Big Bluestem	<i>Andropogon gerardi</i>	***	No*	3/1/2021
Brome, smooth	<i>Bromus inermis</i>	Carlton, Lincoln, Manchar, Sac, Signal	Yes	Brome, smooth	<i>Bromus inermis</i>	Carlton, Lincoln, Manchar, Sac, Signal	No*	3/1/2021
				Brome, meadow	<i>Bromus biebersteinii</i>	***	No*	3/1/2021
Clover, alsike	<i>Trifolium hybridum</i>	***	Yes	Clover, alsike	<i>Trifolium hybridum</i>	***	No*	3/1/2021
Field Pea	<i>Pisum sativum</i>	***	Yes	Field Pea	<i>Pisum sativum</i>	***	No*	3/1/2021
Oats	<i>Avena sativa</i>	***	Yes	Oats	<i>Avena sativa</i>	***	No*	3/1/2021
Red clover	<i>Trifolium pratense</i>	Arlington, Bearcat, Dynamite, Hedge, Lakeland, Marathon, Red Gold	Yes	Red clover	<i>Trifolium pratense</i>	Arlington, Bearcat, Dynamite, Hedge, Lakeland, Marathon, Red Gold	No*	3/1/2021
Ryegrass, perennial	<i>Lolium perenne</i>	***	Yes	Ryegrass, perennial	<i>Lolium perenne</i>	***	No*	3/1/2021
Vetch, american	<i>Vicia americana</i>	***	Yes	Vetch, american	<i>Vicia americana</i>	***	No*	3/1/2021
				Canada milkvetch	<i>Astragalus canadensis</i>	***	No*	3/1/2021
				Purple Prairie Clover	<i>Dalea purpurea</i>	***	No*	3/1/2021
Wheat, winter	<i>Triticum aestivum</i>	***	Yes	Wheat, winter	<i>Triticum aestivum</i>	***	No*	3/1/2021
Wheatgrass, slender	<i>Elymus trachycaulis</i>	Pryor, Revenue	Yes	Wheatgrass, slender	<i>Elymus trachycaulis</i>	Pryor, Revenue	No*	3/1/2021

*Certification may be required through special provision

*** = any variety of that crop

General Roadsides and Turf Seed Mixture Component Requirements (25-000 series mixes)

Requirements are in effect until revised by Mn/DOT. Always consult website to determine current requirements. Most recent substitutions are highlighted in orange.

Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable Varieties/Origin	Certification Required	Common Name	Scientific Name	Acceptable Varieties/Origin (refer to footnotes at bottom of page)	Certification Required	Authorization Date
Alfalfa, creeping	<i>Medicago sativa</i>	Rambler, Rangelander, Spredor 2, Spyder, Teton, Travois, Victoria	Yes	Alfalfa, creeping	<i>Medicago sativa</i>	Rambler, Rangelander, Spredor 2, Spyder, Teton, Travois, Victoria, Runner	No*	5/7/2021
Bluegrass, Canada	<i>Poa compressa</i>	Common, Reubens, Talon	Yes	Bluegrass, Canada	<i>Poa compressa</i>	Canon, Reubens, Talon	No*	3/1/2021
				Sheeps Fescue complex	<i>Festuca spp.</i>	***	No*	3/1/2021
Bluegrass, Fowl	<i>Poa palustris</i>	MN	Yellow tag	Bluegrass, Fowl	<i>Poa palustris</i>	1-5 or Canada	No*	3/1/2021
				50% Fowl Bluegrass 25% Virginia Wildrye 25% Switchgrass	<i>Poa palustris</i> <i>Elymus virginicus</i> <i>Panicum virgatum</i>	1-5 or Canada 1-4 Dakotah or Forestburg	No*	3/1/2021
				50% Fowl Bluegrass 45% Virginia Wildrye 5% Woolgrass	<i>Poa palustris</i> <i>Elymus virginicus</i> <i>Scirpus cyperinus</i>	1-5 or Canada 1-4 1-4	No*	3/1/2021
				50% Fowl Bluegrass 40% Virginia Wildrye 10% Prairie Cordgrass	<i>Poa palustris</i> <i>Elymus virginicus</i> <i>Spartina pectinata</i>	1-5 or Canada 1-4 1-4	No*	3/1/2021
Bluegrass, Kentucky	<i>Poa pratensis</i>	Park	Blue tag					3/1/2021
Bluegrass, Kentucky - Elite	<i>Poa pratensis</i>	Arrowhead, Award, Desert Moon, Diva, Endurance, Fargo, Fielder, Glade, Merit, Midnight, NuGlade, Rhythm, Shamrock, Volt	Yes	Bluegrass, Kentucky - Elite	<i>Poa pratensis</i>	Arrowhead, Award, Desert Moon, Diva, Endurance, Fargo, Fielder, Glade, Merit, Midnight, NuGlade, Rhythm, Shamrock, Volt	No*	3/1/2021
Bluegrass, Kentucky - Improved	<i>Poa pratensis</i>	Appalachian, Arc, Baron, Blue Angel, Jackpot, Moonlight SLT, P-105, Rugby II, Shamrock	Yes	Bluegrass, Kentucky - Improved	<i>Poa pratensis</i>	Appalachian, Arc, Baron, Blue Angel, Jackpot, Moonlight SLT, P-105, Rugby II, Shamrock	No*	3/1/2021
Bluegrass, Kentucky - Low Maintenance	<i>Poa pratensis</i>	Action-Blue Angel, Camas, Certified Park, Desert Moon, Endurance, Kenblue, Tirem	Yes	Bluegrass, Kentucky - Low Maintenance	<i>Poa pratensis</i>	Action-Blue Angel, Camas, Certified Park, Desert Moon, Endurance, Kenblue, Tirem	No*	3/1/2021
Bluestem, little	<i>Schizachyrium scoparium</i>	Itasca germplasm	Yes	Bluestem, little	<i>Schizachyrium scoparium</i>	1-5	No*	3/1/2021
Brome, smooth	<i>Bromus inermis</i>	Carlton, Lincoln, Manchar, Sac, Signal	Yes	Brome, smooth	<i>Bromus inermis</i>	Carlton, Lincoln, Manchar, Sac, Signal	No*	3/1/2021
				Brome, meadow	<i>Bromus biebersteinii</i>	***	No*	3/1/2021
Clover, red	<i>Trifolium pratense</i>	Arlington, Bearcat, Dynamite, Hedge, Lakeland, Marathon, Red Gold	Yes	Clover, red	<i>Trifolium pratense</i>	Arlington, Bearcat, Dynamite, Hedge, Lakeland, Marathon, Red Gold	No*	3/1/2021
Clover, white	<i>Trifolium repens</i>	***	Yes	Clover, white	<i>Trifolium repens</i>	***	No*	3/1/2021
Dropseed, sand	<i>Sporobolus cryptandrus</i>	MN	Yellow tag	Dropseed, sand	<i>Sporobolus cryptandrus</i>	1-5	No*	3/1/2021
Fescue, Chewings	<i>Festuca rubra subsp. commutata</i>	Fairmont, Longfellow 3, Radar, SR5130	Yes	Fescue, Chewings	<i>Festuca rubra subsp. commutata</i>	Fairmont, Longfellow 3, Radar, SR5130	No*	3/1/2021
Fescue, hard	<i>Festuca trachyphylla</i>	Beacon, Chariot, Gladiator Reliant IV, SR 3150	Yes	Fescue, hard	<i>Festuca trachyphylla</i>	Beacon, Chariot, Gladiator Reliant IV, SR 3150	No*	3/1/2021
Fescue, red creeping	<i>Festuca rubra</i>	Boreal, Epic, Navigator, Seabreeze	Yes	Fescue, red creeping	<i>Festuca rubra</i>	Boreal, Epic, Navigator, Seabreeze	No*	3/1/2021
Fescue, sheeps	<i>Festuca ovina</i>	Azure, Big Horn, Black Sheep, Blue-ray, MX 86, Quatro, SR3000	Yes	Fescue, sheeps	<i>Festuca ovina</i>	Azure, Big Horn, Black Sheep, Blue-ray, MX 86, Quatro, SR3000	No*	3/1/2021
Prairie clover, purple	<i>Dalea purpurea</i>	MN	Yellow tag	Prairie clover, purple	<i>Dalea purpurea</i>	1-5	No*	3/1/2021
Ryegrass, perennial	<i>Lolium perenne</i>	***	Yes	Ryegrass, perennial	<i>Lolium perenne</i>	***	No*	3/1/2021
Switchgrass	<i>Panicum virgatum</i>	MN	Yes	Switchgrass	<i>Panicum virgatum</i>	Dacotah, Forestburg	No*	3/1/2021
Timothy	<i>Phleum pratense</i>	***	Yes	Timothy	<i>Phleum pratense</i>	***	No*	3/1/2021
Wheatgrass, slender	<i>Elymus trachycaulus</i>	Pryor, Revenue	Yes	Wheatgrass, slender	<i>Elymus trachycaulus</i>	Pryor, Revenue	No*	3/1/2021

*Certification may be required through special provision

***any variety of that crop

¹ MCIA certified Source Identified class; origin MN or adjoining portion of adjacent states as described in Mn/DOT Specification 3876.

² Source Identified class certified by a seed certifying agency other than MCIA; origin MN or adjoining portion of adjacent states as described in Mn/DOT Specification 3876.

³ Certified seed of varieties/germplasm listed in Table 3876-1 (Certified, Selected or Tested class as applicable).

⁴ Wild type from MN or adjoining portion of adjacent states as described in Mn/DOT Specification 3876.

⁵ Wild type from adjacent states (ND, SD, IA, WI)

Native Seed Mixture Component Requirements (30-000 series mixes)

Requirements are in effect until revised by Mn/DOT. Always consult website to determine current requirements. Most recent substitutions are highlighted in orange.

Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required	Common name	Scientific name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required*	Authorization Date
COVER CROP								
Oats	<i>Avena sativa</i>	***	Blue tag**					3/1/2021
Winter Wheat	<i>Triticum aestivum</i>	***	Blue tag**					3/1/2021
NATIVE								
Yarrow	<i>Achillea millefolium</i>	1	Yellow tag	Hoary Vervain	<i>Verbena stricta</i>	1-4	No*	6/22/2021
Sweet Flag	<i>Acorus americanus</i>	1	Yellow tag					3/1/2021
Giant Fragrant Hyssop	<i>Agastache foeniculum</i>	1	Yellow tag					3/1/2021
White Snakeroot	<i>Ageratina altissima</i>	1	Yellow tag	White Snakeroot	<i>Ageratina altissima</i>	1-4	No*	3/1/2021
				Early Meadow Rue	<i>Thalictrum dioicum</i>	1-4	No*	3/1/2021
				Meadow Garlic	<i>Allium canadense</i>	1-4	No*	6/24/2021
American Water Plantain	<i>Alisma subcordatum</i>	1	Yellow tag					3/1/2021
Northern Water Plantain	<i>Alisma triviale</i>	1	Yellow tag	Northern Water Plantain	<i>Alisma triviale</i>	1-5	No*	3/1/2021
				American Water Plantain	<i>Alisma subcordatum</i>	1	Yes	3/1/2021
Meadow Garlic	<i>Allium canadense</i>	1	Yellow tag	Meadow Garlic	<i>Allium canadense</i>	1-4	No*	3/1/2021
Prairie Onion	<i>Allium stellatum</i>	1	Yellow tag					3/1/2021
Leadplant	<i>Amorpha canescens</i>	1	Yellow tag					3/1/2021
Big Bluestem	<i>Andropogon gerardi</i>	1	Yellow tag					3/1/2021
Pearly Everlasting	<i>Anaphalis margaritacea</i>	1	Yellow Tag	Nodding Onion	<i>Allium cernuum</i>	1-4	No*	3/1/2021
				Sky Blue Aster	<i>Symphyotrichum oolentangiense</i>	1	Yes	3/1/2021
Canada Anemone	<i>Anemone canadensis</i>	1	Yellow tag	Canada Anemone	<i>Anemone canadensis</i>	1-5	No*	3/1/2021
Virginia Anemone	<i>Anemone virginiana</i>	1	Yellow tag	Virginia Anemone	<i>Anemone virginiana</i>	1-4	No*	3/1/2021
Columbine	<i>Aquilegia canadensis</i>	1	Yellow tag					3/1/2021
Prairie Sage	<i>Artemisia ludoviciana</i>	1	Yellow tag	Prairie Sage	<i>Artemesia ludoviciana</i>	1-4	No*	3/1/2021
				Prairie Cinquefoil	<i>Drymocallis arguta</i>	1	Yes	3/1/2021
Marsh Milkweed	<i>Asclepias incarnata</i>	1	Yellow tag					3/1/2021
Common Milkweed	<i>Asclepias syriaca</i>	1	Yellow tag					3/1/2021
Butterfly Milkweed	<i>Asclepias tuberosa</i>	1	Yellow tag	Butterfly Milkweed	<i>Asclepias tuberosa</i>	1-5	No*	3/1/2021
Whorled Milkweed	<i>Asclepias verticillata</i>	1	Yellow tag	Common Milkweed	<i>Asclepias syriaca</i>	1	Yes	3/1/2021
				Spotted Bee Balm	<i>Monarda punctata</i>	1	Yes	3/1/2021
Canada Milk Vetch	<i>Astragalus canadensis</i>	1	Yellow tag					3/1/2021
American Sloughgrass	<i>Beckmannia syzigachne</i>	1	Yellow tag	American Sloughgrass	<i>Beckmannia syzigachne</i>	1-4	No*	3/1/2021
				Virginia Wildrye	<i>Elymus virginicus</i>	1	Yes	5/7/2021
Nodding Bur Marigold	<i>Bidens cernua</i>	1	Yellow tag	Nodding Bur Marigold	<i>Bidens cernua</i>	1-5	No*	3/1/2021
Leafy Beggarticks	<i>Bidens frondosa</i>	1	Yellow tag	Leafy Beggarticks	<i>Bidens frondosa</i>	1-5	No*	3/1/2021
River Bulrush	<i>Bolboschoenus fluviatilis</i>	1	Yellow tag	River Bulrush	<i>Bolboschoenus fluviatilis</i>	1-4	No*	3/1/2021
				Softstem Bulrush	<i>Schoenoplectus tabernaemontani</i>	1	Yes	3/1/2021
Sideoats Grama	<i>Bouteloua curtipendula</i>	1	Yellow tag					3/1/2021
Blue Grama	<i>Bouteloua gracilis</i>	1	Yellow tag					3/1/2021
Fringed Brome	<i>Bromus ciliatus</i>	1	Yellow tag	Virginia Wildrye	<i>Elymus virginicus</i>	1	Yes	3/1/2021
Kalm's Brome	<i>Bromus kalmii</i>	1	Yellow tag	Kalms Brome	<i>Bromus kalmii</i>	1-4	No*	7/14/2021

Native Seed Mixture Component Requirements (30-000 series mixes)

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Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required	Common name	Scientific name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required*	Authorization Date
Bluejoint Grass	<i>Calamagrostis canadensis</i>	1	Yellow tag	Bluejoint Grass	<i>Calamagrostis canadensis</i>	1-5	No*	6/24/2021
Bottlebrush Sedge	<i>Carex comosa</i>	1	Yellow tag	Bottlebrush Sedge	<i>Carex comosa</i>	1-4	No*	3/1/2021
Porcupine Sedge	<i>Carex hystericina</i>	1	Yellow tag	Porcupine Sedge	<i>Carex hystericina</i>	1-4	No*	3/1/2021
Lake Sedge	<i>Carex lacustris</i>	1	Yellow tag	Lake Sedge	<i>Carex lacustris</i>	1-5	No*	3/1/2021
				Softstem Bulrush	<i>Schoenoplectus tabernaemontani</i>	1	Yes	3/1/2021
				Common Beaked Sedge	<i>Carex utriculata</i>	1-4	No*	3/1/2021
Broad-leaved Woolly Sedge	<i>Carex pellita</i>	1	Yellow tag	Porcupine Sedge	<i>Carex hystericina</i>	1-4	No*	3/1/2021
				Common Beaked Sedge	<i>Carex utriculata</i>	1-4	No*	3/1/2021
Pointed-broom Sedge	<i>Carex scoparia</i>	1	Yellow tag	Pointed-broom Sedge	<i>Carex scoparia</i>	1-5	No*	3/1/2021
Common Fox Sedge	<i>Carex stipata</i>	1	Yellow tag					3/1/2021
Tussock Sedge	<i>Carex stricta</i>	1	Yellow tag	Tussock Sedge	<i>Carex stricta</i>	1-5	No*	3/1/2021
				Bottlebrush Sedge	<i>Carex comosa</i>	1-4	No*	3/1/2021
				Common Beaked Sedge	<i>Carex utriculata</i>	1-4	No*	3/1/2021
Brown Fox Sedge	<i>Carex vulpinoidea</i>	1	Yellow tag	Brown Fox Sedge	<i>Carex vulpinoidea</i>	1-5	No*	5/11/2021
Partridge Pea	<i>Chamaecrista fasciculata</i>	1	Yellow tag					3/1/2021
Stiff Tic-seed; Prairie Coreopsis	<i>Coreopsis palmata</i>	1	Yellow tag	Ox-eye Sunflower	<i>Heliopsis heliantoides</i>	1	Yes	3/1/2021
White Prairie Clover	<i>Dalea candida</i>	1	Yellow tag					3/1/2021
Purple Prairie Clover	<i>Dalea purpurea</i>	1	Yellow tag					3/1/2021
Poverty Oats	<i>Danthonia spicata</i>	1	Yellow tag	Poverty Oats	<i>Danthonia spicata</i>	1-4	No*	3/1/2021
				Long-beaked Sedge	<i>Carex sprengei</i>	1	Yes	3/1/2021
				Plains Oval Sedge	<i>Carex brevior</i>	1-4	No*	6/3/2021
				Bicknells Sedge	<i>Carex bicknellii</i>	1	Yes	6/3/2021
Showy Tick Trefoil	<i>Desmodium canadense</i>	1	Yellow tag					3/1/2021
Flat-topped Aster	<i>Doellingeria umbellata</i>	1	Yellow tag	Nodding Bur Marigold	<i>Bidens cernua</i>	1-5	No*	3/1/2021
				New England Aster	<i>Symphotrichum novae-angliae</i>	1	Yes	3/1/2021
Prairie Cinquefoil	<i>Dryocallis arguta</i>	1	Yellow tag					3/1/2021
Narrow-leaved Coneflower	<i>Echinacea angustifolia</i>	1	Yellow tag	Narrow-leaved Coneflower	<i>Echinacea angustifolia</i>	1-4	No*	3/1/2021
Creeping Spikerush	<i>Eleocharis acicularis</i>	1	Yellow tag	Creeping Spikerush	<i>Eleocharis acicularis</i>	1-4	No*	3/1/2021
				Bald Spikerush	<i>Eleocharis erythropoda</i>	1-4	No*	3/1/2021
Great Spikerush	<i>Eleocharis palustris</i>	1	Yellow tag	Great Spikerush	<i>Eleocharis palustris</i>	1-5	No*	3/1/2021
				Blunt Spikerush	<i>Eleocharis obtusa</i>	1-5	No*	3/1/2021
Canada Wildrye	<i>Elymus canadensis</i>	1	Yellow tag					3/1/2021
Bottlebrush Grass	<i>Elymus hystrix</i>	1	Yellow tag	Bottlebrush Grass	<i>Elymus hystrix</i>	1-4	No*	3/1/2021
Riverbank Wildrye	<i>Elymus riparius</i>	1	Yellow tag	Riverbank Wildrye	<i>Elymus riparius</i>	1-4	No*	3/1/2021
Slender Wheatgrass	<i>Elymus trachycaulus</i>	1	Yellow tag					3/1/2021
Virginia Wildrye	<i>Elymus virginicus</i>	1	Yellow tag					3/1/2021
Boneset	<i>Eupatorium perfoliatum</i>	1	Yellow tag	Spotted Joe-pye Weed	<i>Eutrochium maculatum</i>	1-5	No*	6/24/2021
Large-leaved Aster	<i>Eurybia macrophylla</i>	1	Yellow tag	Large-leaved Aster	<i>Eurybia macrophylla</i>	1-4	No*	3/1/2021

Native Seed Mixture Component Requirements (30-000 series mixes)

Requirements are in effect until revised by Mn/DOT. Always consult website to determine current requirements. Most recent substitutions are highlighted in orange.

Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required	Common name	Scientific name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required*	Authorization Date
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	1	Yellow tag	Stiff Goldenrod	<i>Solidago rigida</i>	1	Yes	3/1/2021
				Monkey Flower	<i>Mimulus ringens</i>	1	Yes	3/1/2021
Spotted Joe-pye Weed	<i>Eutrochium maculatum</i>	1	Yellow tag	Spotted Joe-pye Weed	<i>Eutrochium maculatum</i>	1-5	No*	6/24/2021
Reed Manna Grass	<i>Glyceria grandis</i>	1	Yellow tag					3/1/2021
Fowl Manna Grass	<i>Glyceria striata</i>	1	Yellow tag	Fowl Manna Grass	<i>Glyceria striata</i>	1-4	No*	3/1/2021
Sneezeweed	<i>Helenium autumnale</i>	1	Yellow tag					3/1/2021
Giant Sunflower	<i>Helianthus giganteus</i>	1	Yellow tag	Maximillion Sunflower	<i>Helianthus maximiliani</i>	1-4, S Manitoba	No*	3/1/2021
Sawtooth Sunflower	<i>Helianthus grosseserratus</i>	1	Yellow tag					3/1/2021
Stiff Sunflower	<i>Helianthus pauciflorus</i>	1	Yellow tag	Stiff Sunflower	<i>Helianthus pauciflorus</i>	1-4	No*	3/1/2021
Early Sunflower	<i>Helipopsis helianthoides</i>	1	Yellow tag					3/1/2021
Porcupine Grass	<i>Hesperostipa spartea</i>	1	Yellow tag	Rough Dropseed	<i>Sporobolus aspera</i>	1-4	No*	3/1/2021
				Porcupine Grass	<i>Hesperostipa spartea</i>	1-4	No*	3/1/2021
Great St. John's Wort	<i>Hypericum ascyron ssp. pyramidatum</i>	1	Yellow Tag	Great St. John's Wort	<i>Hypericum ascyron ssp> pyramidatum</i>	1-4	No*	3/1/2021
Spotted Jewelweed	<i>Impatiens capensis</i>	1	Yellow tag	Great St. Johns Wort	<i>Hypericum ascyron ssp> pyramidatum</i>	1-4	No*	3/1/2021
				Monkey Flower	<i>Mimulus ringens</i>	1	Yes	3/1/2021
Northern Blue Flag Iris	<i>Iris versicolor</i>	1	Yellow tag	Northern Blue Flag Iris	<i>Iris versicolor</i>	1-5	No*	3/1/2021
Path Rush	<i>Juncus tenuis</i>	1	Yellow tag	Dudley's Rush	<i>Juncus dudleyi</i>	1-5	No*	6/24/2021
Torrey's Rush	<i>Juncus torreyi</i>	1	Yellow tag	Torrey's Rush	<i>Juncus Torreyi</i>	1-4	No*	3/1/2021
June Grass	<i>Koeleria macrantha</i>	1	Yellow tag	Blue Grama	<i>Bouteloua gracilis</i>	1	Yes	4/6/2021
Rice Cut-grass	<i>Leersia oryzoides</i>	1	Yellow tag					3/1/2021
Round-headed Bushclover	<i>Lespedeza capitata</i>	1	Yellow tag					3/1/2021
Rough Blazingstar	<i>Liatris aspera</i>	1	Yellow tag	Dotted Blazingstar	<i>Liatris punctata</i>	1-5	No*	3/1/2021
Dotted Blazingstar	<i>Liatris punctata</i>	1	Yellow tag	Dotted Blazingstar	<i>Liatris punctata</i>	1-5	No*	3/1/2021
Tall Blazingstar	<i>Liatris pycnostachya</i>	1	Yellow tag					3/1/2021
Great Blue Lobelia	<i>Lobelia siphilitica</i>	1	Yellow tag					3/1/2021
Water Horehound	<i>Lycopus americanus</i>	1	Yellow tag	Monkey Flower	<i>Mimulus ringens</i>	1	Yes	3/1/2021
				Ironweed	<i>Veronia fasciculata</i>	1	Yes	3/1/2021
Monkey Flower	<i>Mimulus ringens</i>	1	Yellow tag					3/1/2021
Wild Bergamot	<i>Monarda fistulosa</i>	1	Yellow tag					3/1/2021
Spotted Bee Balm	<i>Monarda punctata</i>	1	Yellow tag					3/1/2021
Green Needlegrass	<i>Nassella viridula</i>	1	Yellow tag	Green Needlegrass	<i>Nassella viridula</i>	1-3, Lodorm	No*	3/1/2021
Sweet Cicely	<i>Ozmorhiza claytonii</i>	1	Yellow tag	Sweet Cicely	<i>Ozmorhiza claytonii</i>	1-4	No*	3/1/2021
				Early Meadow Rue	<i>Thalictrum dioicum</i>	1-4	No*	3/1/2021
				Meadow Garlic	<i>Allium canadense</i>	1-4	No*	6/24/2021
Switch Grass	<i>Panicum virgatum</i>	1	Yellow tag					3/1/2021
Western Wheatgrass	<i>Pascopyrum smithii</i>	1	Yellow tag	Western Wheatgrass	<i>Pascopyrum smithii</i>	1-3, Rosana	No*	3/1/2021
Showy Penstemon	<i>Penstemon grandiflorus</i>	1	Yellow tag	Showy Penstemon	<i>Penstemon grandiflorus</i>	1-5	No*	3/1/2021
Obedient Plant	<i>Physostegia virginiana</i>	1	Yellow tag	Obedient Plant	<i>Physostegia virginiana</i>	1-4	Yes	3/1/2021
				Cup Plant	<i>Silphium perfoliatum</i>	1	Yes	3/1/2021
Fowl Bluegrass	<i>Poa palustris</i>	1	Yellow tag	Fowl Bluegrass	<i>Poa palustris</i>	1-5, Canada	No*	3/1/2021

Native Seed Mixture Component Requirements (30-000 series mixes)

Requirements are in effect until revised by Mn/DOT. Always consult website to determine current requirements. Most recent substitutions are highlighted in orange.

Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required	Common name	Scientific name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required*	Authorization Date
Common Mountainmint	<i>Pycnanthemum virginianum</i>	1	Yellow tag					3/1/2021
Columnar Coneflower	<i>Ratibida columnifera</i>	1	Yellow tag	Yellow Coneflower; Gray-headed coneflower	<i>Ratibida pinnata</i>	1	Yes	5/18/2021
Yellow Coneflower; Gray-headed coneflower	<i>Ratibida pinnata</i>	1	Yellow tag					3/1/2021
Smooth Wild Rose	<i>Rosa blanda</i>	1	Yellow tag	Smooth Wild Rose	<i>Rosa blanda</i>	1-4	No*	3/1/2021
Black-eyed Susan	<i>Rudbeckia hirta</i>	1	Yellow tag					3/1/2021
Wild Golden-glow	<i>Rudbeckia laciniata</i>	1	Yellow tag	Wild Golden-glow	<i>Rudbeckia laciniata</i>	1-5	No*	3/1/2021
				Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	1-4	No*	3/1/2021
Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	1	Yellow tag					3/1/2021
False Melic Grass	<i>Schizachne purpurascens</i>	1	Yellow tag	Plains Oval Sedge	<i>Carex brevior</i>	1-4	No*	3/1/2021
				Long-beaked Sedge	<i>Carex sprengei</i>	1	Yes	3/1/2021
				Bicknells Sedge	<i>Carex bicknellii</i>	1	Yes	6/3/2021
Little Bluestem	<i>Schizachyrium scoparium</i>	1	Yellow tag					
Three-square Bulrush	<i>Schoenoplectus pungens</i>	1	Yellow tag	Three-square Bulrush	<i>Schoenoplectus pungens</i>	1-4	No*	3/1/2021
Softstem Bulrush	<i>Schoenoplectus tabernaemontani</i>	1	Yellow tag					3/1/2021
Dark Green Bulrush	<i>Scirpus atrovirens</i>	1	Yellow tag	Dark Green Bulrush	<i>Scirpus atrovirens</i>	1-4	No*	6/24/2021
Woolgrass	<i>Scirpus cyperinus</i>	1	Yellow tag	Dark Green Bulrush	<i>Scirpus atrovirens</i>	1-4	No*	6/24/2021
				Woolgrass	<i>Scirpus cyperinus</i>	1-4	No*	3/1/2021
Figwort	<i>Scrophularia lanceolata</i>	1	Yellow tag	Figwort	<i>Scrophularia lanceolata</i>	1-4	No*	3/1/2021
				Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	1-4	No*	3/1/2021
				Giant Fragrant Hyssop	<i>Agastache foeniculum</i>	1	Yes	3/1/2021
Zigzag Goldenrod	<i>Solidago flexicaulis</i>	1	Yellow tag	Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	1-4	No*	3/1/2021
				Calico Aster	<i>Symphotrichum lateriflorum</i>	1	Yes	3/1/2021
Giant Goldenrod	<i>Solidago gigantea</i>	1	Yellow tag	Maximillian Sunflower	<i>Helianthus maximillani</i>	1-4, S Manitoba	No*	3/1/2021
				Ironweed	<i>Veronia fasciculata</i>	1	Yes	3/1/2021
Gray Goldenrod	<i>Solidago nemoralis</i>	1	Yellow tag	Gray Goldenrod	<i>Solidago nemoralis</i>	1-4	No*	3/1/2021
				Sky Blue Aster	<i>Symphotrichum oolentangiense</i>	1	Yes	4/28/2021
				Stiff Goldenrod	<i>Solidago rigida</i>	1	Yes	4/28/2021
Upland Goldenrod	<i>Solidago ptarmicoides</i>	1	Yellow tag	Upland Goldenrod	<i>Solidago ptarmicoides</i>	1-5	No*	3/1/2021
Stiff Goldenrod	<i>Solidago rigida</i>	1	Yellow tag					3/1/2021
Showy Goldenrod	<i>Solidago speciosa</i>	1	Yellow tag					3/1/2021
Indiangrass	<i>Sorghastrum nutans</i>	1	Yellow tag					3/1/2021
Giant Bur Reed	<i>Sparganium eurycarpum</i>	1	Yellow tag					3/1/2021
Prairie Cordgrass	<i>Spartina pectinata</i>	1	Yellow tag					3/1/2021
Sand Dropseed	<i>Sporobolus cryptandrus</i>	1	Yellow tag	Sand Dropseed	<i>Sporobolus cryptandrus</i>	1-5	No*	3/1/2021
				Bicknells Sedge	<i>Carex bicknellii</i>	1	Yes	3/1/2021
Prairie Dropseed	<i>Sporobolus heterolepis</i>	1	Yellow tag					3/1/2021
Lindley's Aster	<i>Symphotrichum ciliolatum</i>	1	Yellow tag	Large-leaved Aster	<i>Eurybia macrophylla</i>	1-4	No*	3/1/2021
				Calico Aster	<i>Symphotrichum lateriflorum</i>	1	Yes	3/1/2021

Native Seed Mixture Component Requirements (30-000 series mixes)

Requirements are in effect until revised by Mn/DOT. Always consult website to determine current requirements. **Most recent substitutions are highlighted in orange.**

Specifications				Authorized Substitution				
Common Name	Scientific Name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required	Common name	Scientific name	Acceptable varieties/origin (refer to footnotes on last page)	Certification Required*	Authorization Date
Heath Aster	<i>Symphyotrichum ericoides</i>	1	Yellow tag	Sky Blue Aster	<i>Symphyotrichum oolentangiense</i>	1	Yes	3/1/2021
Smooth-blue Aster	<i>Symphyotrichum laeve</i>	1	Yellow tag					3/1/2021
Eastern Panicked Aster	<i>Symphyotrichum lanceolatum</i>	1	Yellow tag	Eastern Panicked Aster	<i>Symphyotrichum lanceolatum</i>	1-5	No*	3/1/2021
				New England Aster	<i>Symphyotrichum novae-angliae</i>	1	Yes	3/1/2021
New England Aster	<i>Symphyotrichum novae-angliae</i>	1	Yellow tag					3/1/2021
Sky Blue Aster	<i>Symphyotrichum oolentangiense</i>	1	Yellow tag					3/1/2021
Swamp Aster	<i>Symphyotrichum puniceum</i>	1	Yellow tag	Swamp Aster	<i>Symphyotrichum puniceum</i>	1-4	No*	3/1/2021
				New England Aster	<i>Symphyotrichum novae-angliae</i>	1	Yes	5/25/2021
Silky Aster	<i>Symphyotrichum sericeum</i>	1	Yellow tag	Sky Blue Aster	<i>Symphyotrichum oolentangiense</i>	1	Yes	3/1/2021
Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	1	Yellow tag	Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	1-4	No*	3/1/2021
Prairie Spiderwort	<i>Tradescantia bracteata</i>	1	Yellow tag	Leadplant	<i>Amorpha canescens</i>	1	Yes	3/1/2021
				Giant Fragrant Hyssop	<i>Agastache foeniculum</i>	1	Yes	3/1/2021
Blue Vervain	<i>Verbena hastata</i>	1	Yellow tag	Blue Vervain	<i>Verbena hastata</i>	1-4	No*	6/9/2021
Hoary Vervain	<i>Verbena stricta</i>	1	Yellow tag	Hoary Vervain	<i>Verbena stricta</i>	1-4	No*	3/1/2021
Ironweed	<i>Vernonia fasciculata</i>	1	Yellow tag					3/1/2021
Culver's Root	<i>Veronicastrum virginicum</i>	1	Yellow tag					3/1/2021
				Rattlesnake Master	<i>Eryngium yuccifolium</i>	1	Yes	4/16/2021
American Vetch	<i>Vicia americana</i>	1	Yellow tag	Purple Prairie Clover	<i>Dalea purpurea</i>	1	Yes	3/1/2021
				Showy Tick Trefoil	<i>Desmodium canadense</i>	1	Yes	3/1/2021
Heart-leaved Alexanders	<i>Zizia aptera</i>	1	Yellow tag					3/1/2021
Golden Alexanders	<i>Zizia aurea</i>	1	Yellow tag					3/1/2021

*Certification may be required through special provision

**Certified seed of any variety

***Any variety of that crop

¹ MCIA certified Source Identified class; origin MN or adjoining portion of adjacent states as described in Mn/DOT Specification 3876.

² Source Identified class certified by a

³ Certified seed of varieties/germplasm listed in Table 3876-1 (Certified, Selected or Tested class as applicable)

⁴ Wild type from MN or adjoining portion of adjacent states as described in Mn/DOT Specification 3876.

⁵ Wild type from adjacent states (ND, SD, IA, WI)