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## Standard: Dry Prairie Short – SM-DPS

This mix should be planted in areas that receive direct sunlight for at least half the day. Many of these plants prefer sandy or rocky soils. At a minimum this species mix requires well drained soils. Unless irrigated, lawn grasses, most ornamental plants, and crops would be dormant for much of the growing season in soils suitable for dry prairies. In Agrecol’s Dry Short Grass Prairie dominant grasses are short (2-3 feet in average height) and the taller grasses and dominant wildflowers have been reduced or eliminated. Some of the flowers will be taller, up 4 feet tall or more, but walking and seeing through the area will be comfortable

**DRY PRAIRIE SHORT  
(STANDARD MIX)**

Item # SM-DPS  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	49%	5
Sedges	1%	1
Wildflowers	43%	23
Legumes	7%	4
<b>Totals</b>	<b>100%</b>	<b>33</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Dry Prairie Short

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bouteloua curtipendula</i>	Side Oats Grama	320,166	12.2%
<i>Elymus canadensis</i>	Canada Wild Rye	256,132	9.8%
<i>Koeleria cristata</i>	June Grass	256,132	9.8%
<i>Schizachyrium scoparium</i>	Little Bluestem	320,166	12.2%
<i>Sporobolus cryptandrus</i>	Sand Dropseed	128,066	4.9%
<b>SEDGES</b>			
<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	26,136	1.0%
<b>WILDFLOWERS</b>			
<i>Allium cernuum</i>	Nodding Onion	48,862	1.9%
<i>Artemisia caudata</i>	Beach Bluemound	61,078	2.3%
<i>Asclepias tuberosa</i>	Butterfly Weed	19,545	0.7%
<i>Aster azureus</i>	Sky-blue Aster	48,862	1.9%
<i>Aster ericoides</i>	Heath Aster	48,862	1.9%
<i>Aster laevis</i>	Smooth Blue Aster	61,078	2.3%
<i>Coreopsis lanceolata</i>	Lance Leaved Coreopsis	65,964	2.5%
<i>Coreopsis palmata</i>	Prairie Coreopsis	24,431	0.9%
<i>Echinacea pallida</i>	Pale Purple Coneflower	48,862	1.9%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	48,862	1.9%
<i>Helianthus occidentalis</i>	Western Sunflower	12,215	0.5%
<i>Heliopsis helianthoides</i>	Early Sunflower	61,078	2.3%
<i>Kuhnia eupatorioides</i>	False Boneset	61,078	2.3%
<i>Liatris aspera</i>	Rough Blazing Star	24,431	0.9%
<i>Liatris cylindracea</i>	Blazing Star	12,215	0.5%
<i>Monarda fistulosa</i>	Wild Bergamot	61,078	2.3%
<i>Monarda punctata</i>	Dotted Mint	48,862	1.9%
<i>Potentilla arguta</i>	Prairie Cinquefoil	48,862	1.9%
<i>Ratibida pinnata</i>	Yellow Coneflower	73,294	2.8%
<i>Rudbeckia hirta</i>	Black-eyed Susan	61,078	2.3%
<i>Solidago rigida</i>	Stiff Goldenrod	61,078	2.3%
<i>Solidago speciosa</i>	Showy Goldenrod	61,078	2.3%
<i>Verbena stricta</i>	Hoary Vervain	61,078	2.3%
<b>LEGUMES</b>			
<i>Amorpha canescens</i>	Leadplant	34,303	1.3%
<i>Dalea candidum</i>	White Prairie Clover	57,172	2.2%
<i>Dalea purpurea</i>	Purple Prairie Clover	57,172	2.2%
<i>Desmodium canadense</i>	Canada Tick Trefoil	34,303	1.3%

Seed Mix composition subject to change per availability

## Standard: Dry Prairie Mixed – SM-DPM

This mix should be planted in areas that receive direct sunlight for at least half the day. Many of these plants prefer sandy or rocky soils. At a minimum this species mix requires well drained soils. Unless irrigated, lawn grasses, most ornamental plants, and crops would be dormant for much of the growing season in soils suitable for dry prairies. Agrecol’s Dry Mixed Height Prairie includes a wide selection of grasses and wildflowers typically found in this sort of habitat. Shorter grasses are represented more heavily than tall grasses to ensure their presence, however the larger stature prairie grasses and wildflowers are represented.

### DRY PRAIRIE MIXED (STANDARD MIX)

Item # SM-DPM  
Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	49%	7
Sedges	1%	1
Wildflowers	43%	23
Legumes	7%	4
<b>Totals</b>	<b>100%</b>	<b>35</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Dry Prairie Mixed

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Andropogon gerardii</i>	Big Bluestem	146,361	5.6%
<i>Bouteloua curtipendula</i>	Side Oats Grama	182,952	7.0%
<i>Elymus canadensis</i>	Canada Wild Rye	182,952	7.0%
<i>Koeleria cristata</i>	June Grass	237,837	9.1%
<i>Panicum virgatum</i>	Switchgrass	146,361	5.6%
<i>Schizachyrium scoparium</i>	Little Bluestem	237,837	9.1%
<i>Sporobolus cryptandrus</i>	Sand Dropseed	146,361	5.6%
<b>SEDGES</b>			
<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	26,136	1.0%
<b>WILDFLOWERS</b>			
<i>Allium cernuum</i>	Nodding Onion	48,862	1.9%
<i>Asclepias tuberosa</i>	Butterfly Weed	14,658	0.6%
<i>Aster azureus</i>	Sky-blue Aster	73,294	2.8%
<i>Aster ericoides</i>	Heath Aster	48,862	1.9%
<i>Aster laevis</i>	Smooth Blue Aster	61,078	2.3%
<i>Coreopsis lanceolata</i>	Lance Leaved Coreopsis	73,294	2.8%
<i>Coreopsis palmata</i>	Prairie Coreopsis	24,431	0.9%
<i>Echinacea pallida</i>	Pale Purple Coneflower	24,431	0.9%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	39,090	1.5%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	12,215	0.5%
<i>Heliopsis helianthoides</i>	Early Sunflower	73,294	2.8%
<i>Kuhnia eupatorioides</i>	False Boneset	48,862	1.9%
<i>Liatris aspera</i>	Rough Blazing Star	36,647	1.4%
<i>Monarda fistulosa</i>	Wild Bergamot	61,078	2.3%
<i>Monarda punctata</i>	Dotted Mint	73,294	2.8%
<i>Parthenium integrifolium</i>	Wild Quinine	12,215	0.5%
<i>Potentilla arguta</i>	Prairie Cinquefoil	73,294	2.8%
<i>Ratibida pinnata</i>	Yellow Coneflower	73,294	2.8%
<i>Rudbeckia hirta</i>	Black-eyed Susan	51,306	2.0%
<i>Silphium laciniatum</i>	Compass Plant	2,443	0.1%
<i>Solidago rigida</i>	Stiff Goldenrod	58,635	2.2%
<i>Solidago speciosa</i>	Showy Goldenrod	65,964	2.5%
<i>Verbena stricta</i>	Hoary Vervain	73,294	2.8%
<b>LEGUMES</b>			
<i>Amorpha canescens</i>	Leadplant	34,303	1.3%
<i>Astragalus canadensis</i>	Canada Milk Vetch	57,172	2.2%
<i>Dalea candidum</i>	White Prairie Clover	45,738	1.8%
<i>Dalea purpurea</i>	Purple Prairie Clover	45,738	1.8%

Seed Mix composition subject to change per availability

## Standard: Bird & Butterfly Mix – SM-BBM

Species that are particularly attractive to birds and insects were selected for Agrecol’s Bird and Butterfly Prairie. Average to well drained soils and a half day or more of direct sun are recommended. Some of the most ornamental native grasses were used to provide the matrix in which the wildflowers will grow. These grasses will provide cover and support the weaker stemmed wildflowers. As well as being attractive to wildlife, this mix contains many very beautifully blooming wildflowers.

### BIRD & BUTTERFLY MIXED (STANDARD MIX)

Item # SM-BBM  
Seeds 60 Per Sq.

Mix Diversity	% Seed Count	Species Count
Grasses	45%	4
Sedges	5%	1
Wildflowers	40%	25
Legumes	10%	5
<b>Totals</b>	<b>100%</b>	<b>35</b>

Seed Mix composition subject to change per availability

Species Information: Standard Bird & Butterfly

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bouteloua curtipendula</i>	Side Oats Grama	441,045	16.9%
<i>Koeleria cristata</i>	June Grass	220,522	8.4%
<i>Panicum virgatum</i>	Switchgrass	73,507	2.8%
<i>Schizachyrium scoparium</i>	Little Bluestem	441,045	16.9%
<b>SEDGES</b>			
<i>Carex vulpinoidea</i>	Brown Fox Sedge	130,680	5.0%
<b>WILDFLOWERS</b>			
<i>Agastache foeniculum</i>	Lavender Hyssop	41,817	1.6%
<i>Aquilegia canadensis</i>	Wild Columbine	31,363	1.2%
<i>Asclepias syriaca</i>	Common Milkweed	10,454	0.4%
<i>Asclepias tuberosa</i>	Butterfly Weed	10,454	0.4%
<i>Aster novae-angliae</i>	New England Aster	62,726	2.4%
<i>Aster sagittifolius</i>	Arrow-leaved Aster	52,272	2.0%
<i>Coreopsis lanceolata</i>	Lance Leaved Coreopsis	52,272	2.0%
<i>Echinacea purpurea</i>	Purple Coneflower	41,817	1.6%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	41,817	1.6%
<i>Helianthus occidentalis</i>	Western Sunflower	20,908	0.8%
<i>Kuhnia eupatorioides</i>	False Boneset	41,817	1.6%
<i>Liatris pycnostachya</i>	Prairie Blazing Star	52,272	2.0%
<i>Monarda fistulosa</i>	Wild Bergamot	52,272	2.0%
<i>Monarda punctata</i>	Dotted Mint	62,726	2.4%
<i>Penstemon digitalis</i>	Smooth Penstemon	62,726	2.4%
<i>Physostegia virginiana</i>	Obedient Plant	10,454	0.4%
<i>Ratibida pinnata</i>	Yellow Coneflower	52,272	2.0%
<i>Rudbeckia hirta</i>	Black-eyed Susan	52,272	2.0%
<i>Rudbeckia triloba</i>	Brown Eyed Susan	52,272	2.0%
<i>Solidago speciosa</i>	Showy Goldenrod	52,272	2.0%
<i>Tradescantia ohiensis</i>	Spiderwort	10,454	0.4%
<i>Verbena stricta</i>	Hoary Vervain	41,817	1.6%
<i>Vernonia fasciculata</i>	Ironweed	41,817	1.6%
<i>Veronicastrum virginicum</i>	Culver's Root	52,272	2.0%
<i>Zizia aurea</i>	Golden Alexanders	41,817	1.6%
<b>LEGUMES</b>			
<i>Amorpha canescens</i>	Leadplant	26,136	1.0%
<i>Astragalus canadensis</i>	Canada Milk Vetch	65,340	2.5%
<i>Dalea candidum</i>	White Prairie Clover	52,272	2.0%
<i>Dalea purpurea</i>	Purple Prairie Clover	65,340	2.5%
<i>Desmanthus illinoensis</i>	Illinois Bundle Flower	52,272	2.0%

Seed Mix composition subject to change per availability

## Standard: Mesic Short – SM-MS

Soils that will support normal lawns or row crops would be appropriate for mesic prairies. Most common soil types in our area are mesic. As with all the prairie mixes several hours of direct sunlight is required. The dominant grasses in Agrecol’s Mesic Short Grass Prairie will be 2-4 feet in height and some of the wildflowers may be slightly taller. This prairie is adapted to the same conditions as the Agrecol’s Mesic mixed Prairie but the taller species have been removed for landscaping or aesthetic purposes. Smaller stature species have been increased or added to compensate.

### MESIC SHORT (STANDARD MIX)

Item # SM-MS  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	49%	5
Sedges	1%	1
Wildflowers	40%	22
Legumes	10%	4
<b>Totals</b>	<b>100%</b>	<b>32</b>

## Species Information: Standard Mesic Short

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bouteloua curtipendula</i>	Side Oats Grama	320,166	12.2%
<i>Elymus canadensis</i>	Canada Wild Rye	128,066	4.9%
<i>Elymus virginicus</i>	Virginia Wild Rye	192,099	7.4%
<i>Koeleria cristata</i>	June Grass	320,166	12.2%
<i>Schizachyrium scoparium</i>	Little Bluestem	320,166	12.2%
<b>SEDGES</b>			
<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	26,136	1.0%
<b>WILDFLOWERS</b>			
<i>Allium cernuum</i>	Nodding Onion	47,520	1.8%
<i>Asclepias tuberosa</i>	Butterfly Weed	11,880	0.5%
<i>Aster azureus</i>	Sky-blue Aster	71,280	2.7%
<i>Aster ericoides</i>	Heath Aster	59,400	2.3%
<i>Aster laevis</i>	Smooth Blue Aster	59,400	2.3%
<i>Aster novae-angliae</i>	New England Aster	61,776	2.4%
<i>Coreopsis palmata</i>	Prairie Coreopsis	23,760	0.9%
<i>Echinacea pallida</i>	Pale Purple Coneflower	23,760	0.9%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	47,520	1.8%
<i>Helianthus occidentalis</i>	Western Sunflower	23,760	0.9%
<i>Heliopsis helianthoides</i>	Early Sunflower	59,400	2.3%
<i>Liatris pycnostachya</i>	Prairie Blazing Star	54,648	2.1%
<i>Monarda fistulosa</i>	Wild Bergamot	59,400	2.3%
<i>Penstemon digitalis</i>	Smooth Penstemon	59,400	2.3%
<i>Potentilla arguta</i>	Prairie Cinquefoil	47,520	1.8%
<i>Pycnanthemum virginianum</i>	Mountain Mint	59,400	2.3%
<i>Ratibida pinnata</i>	Yellow Coneflower	59,400	2.3%
<i>Rudbeckia hirta</i>	Black-eyed Susan	71,280	2.7%
<i>Silphium laciniatum</i>	Compass Plant	2,376	0.1%
<i>Solidago rigida</i>	Stiff Goldenrod	59,400	2.3%
<i>Tradescantia ohiensis</i>	Spiderwort	11,880	0.5%
<i>Veronicastrum virginicum</i>	Culver's Root	71,280	2.7%
<b>LEGUMES</b>			
<i>Amorpha canescens</i>	Leadplant	49,005	1.9%
<i>Dalea candidum</i>	White Prairie Clover	81,675	3.1%
<i>Dalea purpurea</i>	Purple Prairie Clover	81,675	3.1%
<i>Desmodium canadense</i>	Canada Tick Trefoil	49,005	1.9%

Seed Mix composition subject to change per availability

## Standard: Mesic Mixed – SM-MM

Soils that will support normal lawns or row crops would be appropriate for mesic prairies. Most common soil types in our area are mesic. As with all the prairie mixes several hours of direct sunlight is required. Both tall and short stature grasses form the base of Agrecol’s Mesic Mixed Height Prairie. The short stature grasses are seeded at a higher rate initially to minimize the chances the tall grasses will eliminate them. This mix includes many wild flowers which are not dependent on either very wet or very dry conditions.

**MESIC MIXED  
(STANDARD MIX)**

Item # SM-MM  
Seeds 60 Per Sq. Ft

Mix Diversity	% Seed Count	Species Count
Grasses	49%	6
Sedges	1%	1
Wildflowers	40%	23
Legumes	10%	5
<b>Totals</b>	<b>100%</b>	<b>35</b>

## Species Information: Standard Mesic Mixed

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Andropogon gerardii</i>	Big Bluestem	106,722	4.1%
<i>Bouteloua curtipendula</i>	Side Oats Grama	320,166	12.2%
<i>Elymus canadensis</i>	Canada Wild Rye	266,805	10.2%
<i>Panicum virgatum</i>	Switchgrass	106,722	4.1%
<i>Schizachyrium scoparium</i>	Little Bluestem	320,166	12.2%
<i>Sorghastrum nutans</i>	Indian Grass	160,083	6.1%
<b>SEDGES</b>			
<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	26,136	1.0%
<b>WILDFLOWERS</b>			
<i>Allium cernuum</i>	Nodding Onion	56,817	2.2%
<i>Asclepias tuberosa</i>	Butterfly Weed	11,363	0.4%
<i>Aster azureus</i>	Sky-blue Aster	68,180	2.6%
<i>Aster ericoides</i>	Heath Aster	45,453	1.7%
<i>Aster novae-angliae</i>	New England Aster	77,271	3.0%
<i>Coreopsis palmata</i>	Prairie Coreopsis	11,363	0.4%
<i>Echinacea pallida</i>	Pale Purple Coneflower	56,817	2.2%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	45,453	1.7%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	11,363	0.4%
<i>Heliopsis helianthoides</i>	Early Sunflower	56,817	2.2%
<i>Liatris pycnostachya</i>	Prairie Blazing Star	56,817	2.2%
<i>Monarda fistulosa</i>	Wild Bergamot	56,817	2.2%
<i>Penstemon digitalis</i>	Smooth Penstemon	52,272	2.0%
<i>Potentilla arguta</i>	Prairie Cinquefoil	56,817	2.2%
<i>Pycnanthemum virginianum</i>	Mountain Mint	45,453	1.7%
<i>Ratibida pinnata</i>	Yellow Coneflower	56,817	2.2%
<i>Rudbeckia hirta</i>	Black-eyed Susan	68,180	2.6%
<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	56,817	2.2%
<i>Silphium laciniatum</i>	Compass Plant	2,272	0.1%
<i>Silphium perfoliatum</i>	Cupplant	4,545	0.2%
<i>Solidago graminifolia</i>	Grass-leaved Goldenrod	22,726	0.9%
<i>Solidago rigida</i>	Stiff Goldenrod	56,817	2.2%
<i>Veronicastrum virginicum</i>	Culver's Root	68,180	2.6%
<b>LEGUMES</b>			
<i>Amorpha canescens</i>	Leadplant	57,499	2.2%
<i>Baptisia leucantha</i>	Wild White Indigo	5,227	0.2%
<i>Dalea candidum</i>	White Prairie Clover	78,408	3.0%
<i>Dalea purpurea</i>	Purple Prairie Clover	78,408	3.0%
<i>Desmodium canadense</i>	Canada Tick Trefoil	41,817	1.6%

Seed Mix composition subject to change per availability

## Standard: Sedge Meadow Short – SM-SMS

Sedge meadow communities grow in areas where groundwater is at or near the surface of the ground for the majority of the growing season. Sedge meadows can be, but do not have to be, adjacent to lakes, streams, or other areas of open water. The soils are often very organic and dark.

**SEDGE MEADOW SHORT  
(STANDARD MIX)**

Item # SM-SMS  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	7%	4
Sedges	51%	8
Wildflowers	41.8%	23
Legumes	0.2%	1
<b>Totals</b>	<b>100%</b>	<b>36</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Sedge Meadow Short

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Glyceria canadensis</i>	Rattlesnake Grass	34,303	1.3%
<i>Glyceria grandis</i>	Reed Manna Grass	68,607	2.6%
<i>Glyceria striata</i>	Fowl Manna Grass	57,172	2.2%
<i>Leersia oryzoides</i>	Rice Cutgrass	22,869	0.9%
<b>SEDGES</b>			
<i>Carex bebbii</i>	Bebb's Sedge	249,925	9.6%
<i>Carex comosa</i>	Bristly Sedge	124,962	4.8%
<i>Carex crinita</i>	Fringed Sedge	49,985	1.9%
<i>Carex hystericina</i>	Porcupine Sedge	166,617	6.4%
<i>Carex stipata</i>	Common Fox Sedge	249,925	9.6%
<i>Carex stricta</i>	Tussock Sedge	33,323	1.3%
<i>Carex vulpinoidea</i>	Brown Fox Sedge	208,271	8.0%
<i>Juncus effusus</i>	Common Rush	249,925	9.6%
<b>WILDFLOWERS</b>			
<i>Anemone canadensis</i>	Canada Anemone	9,488	0.4%
<i>Asclepias incarnata</i>	Marsh Milkweed	11,860	0.5%
<i>Aster novae-angliae</i>	New England Aster	59,303	2.3%
<i>Aster puniceus</i>	Red-stemmed Aster	59,303	2.3%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	59,303	2.3%
<i>Eupatorium perfoliatum</i>	Boneset	71,163	2.7%
<i>Gentian andrewsii</i>	Bottle Gentian	47,442	1.8%
<i>Helenium autumnale</i>	Sneezeweed	71,163	2.7%
<i>Iris virginica shrevei</i>	Blue Flag Iris	4,744	0.2%
<i>Lobelia cardinalis</i>	Cardinal Flower	56,931	2.2%
<i>Lobelia siphilitica</i>	Great Blue Lobelia	59,303	2.3%
<i>Lycopus americanus</i>	Water Horehound	59,303	2.3%
<i>Mimulus ringens</i>	Monkey Flower	71,163	2.7%
<i>Penthorum sedoides</i>	Ditch Stonecrop	71,163	2.7%
<i>Physostegia virginiana</i>	Obedient Plant	11,860	0.5%
<i>Pycnanthemum virginianum</i>	Mountain Mint	47,442	1.8%
<i>Solidago ohioensis</i>	Ohio Goldenrod	47,442	1.8%
<i>Solidago riddellii</i>	Riddell's Goldenrod	47,442	1.8%
<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	35,581	1.4%
<i>Verbena hastata</i>	Blue Vervain	59,303	2.3%
<i>Vernonia fasciculata</i>	Ironweed	42,698	1.6%
<i>Veronicastrum virginicum</i>	Culver's Root	56,931	2.2%
<i>Zizia aurea</i>	Golden Alexanders	30,837	1.2%
<b>LEGUMES</b>			
<i>Cassia hebecarpa</i>	Wild Senna	6,534	0.3%

Seed Mix composition subject to change per availability

## Standard: Sedge Meadow Mixed – SM-SMM

Sedge meadow communities grow in areas where groundwater is at or near the surface of the ground for the majority of the growing season. Sedge meadows can be, but do not have to be, adjacent to lakes, streams, or other areas of open water. The soils are often very organic and dark.

### SEDGE MEADOW MIXED (STANDARD MIX)

Item # SM-SMM  
Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	15%	4
Sedges	45%	8
Wildflowers	39.8%	23
Legumes	0.2%	1
<b>Totals</b>	<b>100%</b>	<b>36</b>

Species Information: Standard Sedge Meadow Mixed

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bromus ciliatus</i>	Fringed Brome	98,010	3.8%
<i>Calamagrostis canadensis</i>	Blue Joint Grass	147,015	5.6%
<i>Glyceria grandis</i>	Reed Manna Grass	122,512	4.7%
<i>Leersia oryzoides</i>	Rice Cutgrass	24,502	0.9%
<b>SEDGES</b>			
<i>Carex bebbii</i>	Bebb's Sedge	183,768	7.0%
<i>Carex comosa</i>	Bristly Sedge	110,261	4.2%
<i>Carex crinita</i>	Fringed Sedge	73,507	2.8%
<i>Carex hystericina</i>	Porcupine Sedge	147,015	5.6%
<i>Carex stipata</i>	Common Fox Sedge	147,015	5.6%
<i>Carex vulpinoidea</i>	Brown Fox Sedge	147,015	5.6%
<i>Scirpus atrovirens</i>	Dark-green Bullrush	183,768	7.0%
<i>Scirpus cyperinus</i>	Wool Grass	183,768	7.0%
<b>WILDFLOWERS</b>			
<i>Asclepias incarnata</i>	Marsh Milkweed	13,550	0.5%
<i>Aster novae-angliae</i>	New England Aster	56,462	2.2%
<i>Aster puniceus</i>	Red-stemmed Aster	58,720	2.2%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	67,754	2.6%
<i>Eupatorium perfoliatum</i>	Boneset	67,754	2.6%
<i>Helenium autumnale</i>	Sneezeweed	67,754	2.6%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	11,292	0.4%
<i>Hypericum pyramidatum</i>	Great St. John's Wort	22,584	0.9%
<i>Lobelia cardinalis</i>	Cardinal Flower	56,462	2.2%
<i>Lobelia siphilitica</i>	Great Blue Lobelia	56,462	2.2%
<i>Lycopus americanus</i>	Water Horehound	45,169	1.7%
<i>Mimulus ringens</i>	Monkey Flower	56,462	2.2%
<i>Penthorum sedoides</i>	Ditch Stonecrop	56,462	2.2%
<i>Physostegia virginiana</i>	Obedient Plant	11,292	0.4%
<i>Pycnanthemum virginianum</i>	Mountain Mint	45,169	1.7%
<i>Silphium terebinthinaceum</i>	Prairie Dock	4,516	0.2%
<i>Solidago ohioensis</i>	Ohio Goldenrod	56,462	2.2%
<i>Solidago riddellii</i>	Riddell's Goldenrod	56,462	2.2%
<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	15,809	0.6%
<i>Verbena hastata</i>	Blue Vervain	54,203	2.1%
<i>Vernonia fasciculata</i>	Ironweed	56,462	2.2%
<i>Veronicastrum virginicum</i>	Culver's Root	56,462	2.2%
<i>Zizia aurea</i>	Golden Alexanders	45,169	1.7%
<b>LEGUMES</b>			
<i>Cassia hebecarpa</i>	Wild Senna	6,534	0.3%

Seed Mix composition subject to change per availability

## Standard: Emergent Wetland Mix – SM-EWM

Agrecol’s Emergent Community mix contains several species that will grow in standing water as well as plants that are typically associated with them. Emergent plants grow best where the water is 3 inches above or below the surface of the soil. When they become established, however, several emergent plants can grow in several feet of standing water. Soil types for emergent plants can vary significantly but they particularly thrive in very sandy or very organic soils

### EMERGENT WETLAND MIXED (STANDARD MIX)

Item # SM-EWM  
Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	30%	5
Sedges	65%	15
Wildflowers	5%	6
Legumes	0%	0
<b>Totals</b>	<b>100%</b>	<b>26</b>

## Species Information: Standard Emergent Wetland

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Calamagrostis canadensis</i>	Blue Joint Grass	156,816	6.0%
<i>Glyceria canadensis</i>	Rattlesnake Grass	117,612	4.5%
<i>Glyceria grandis</i>	Reed Manna Grass	274,428	10.5%
<i>Leersia oryzoides</i>	Rice Cutgrass	78,408	3.0%
<i>Spartina pectinata</i>	Prairie Cord Grass	156,816	6.0%
<b>SEDGES</b>			
<i>Carex comosa</i>	Bristly Sedge	141,570	5.4%
<i>Carex crinita</i>	Fringed Sedge	56,628	2.2%
<i>Carex hystericina</i>	Porcupine Sedge	130,244	5.0%
<i>Carex stricta</i>	Tussock Sedge	56,628	2.2%
<i>Juncus dudleyi</i>	Dudley's Rush	113,256	4.3%
<i>Juncus effusus</i>	Common Rush	169,884	6.5%
<i>Juncus tenuis</i>	Path Rush	113,256	4.3%
<i>Juncus torreyi</i>	Torrey's Rush	141,570	5.4%
<i>Scirpus acutus</i>	Hard-stemmed Bulrush	56,628	2.2%
<i>Scirpus atrovirens</i>	Dark-green Bullrush	169,884	6.5%
<i>Scirpus cyperinus</i>	Wool Grass	169,884	6.5%
<i>Scirpus fluviatilis</i>	River Bullrush	11,325	0.4%
<i>Scirpus pendulus</i>	Red Bullrush	113,256	4.3%
<i>Scirpus pungens</i>	Common Three Square Rush	28,314	1.1%
<i>Scirpus validus</i>	Soft-stem Bullrush	226,512	8.7%
<b>WILDFLOWERS</b>			
<i>Acorus calamus</i>	Sweet Flag	21,780	0.8%
<i>Alisma subcordatum</i>	Common Water Plantain	32,670	1.2%
<i>Iris virginica shrevei</i>	Blue Flag Iris	3,267	0.1%
<i>Mimulus ringens</i>	Monkey Flower	32,670	1.2%
<i>Sagittaria latifolia</i>	Arrowhead	38,115	1.5%
<i>Sparganium eurycarpum</i>	Giant Bur-reed	2,178	0.1%
<b>LEGUMES</b>			

Seed Mix composition subject to change per availability

## Standard: Flood Basin Rainwater Renewal Mix – SM-FBRRM

Agrecol’s Rainwater Renewal mix was designed to do well in areas that are periodically flooded.

The extensive root systems of these plants will increase infiltration rates and can create a visually appealing area in a location that was once just a muddy puddle.

### FLOOD BASIN RAINWATER RENEWAL MIXED (STANDARD MIX)

Item #	SM-FBRRM
Seeds	60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	30%	7
Sedges	29%	4
Wildflowers	40.5%	24
Legumes	0.5%	1
<b>Totals</b>	<b>100%</b>	<b>36</b>

## Species Information: Standard Flood Basin Rainwater Renewal

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bromus ciliatus</i>	Fringed Brome	112,011	4.3%
<i>Calamagrostis canadensis</i>	Blue Joint Grass	140,014	5.4%
<i>Elymus virginicus</i>	Virginia Wild Rye	140,014	5.4%
<i>Glyceria grandis</i>	Reed Manna Grass	140,014	5.4%
<i>Panicum virgatum</i>	Switchgrass	84,008	3.2%
<i>Sorghastrum nutans</i>	Indian Grass	84,008	3.2%
<i>Spartina pectinata</i>	Prairie Cord Grass	84,008	3.2%
<b>SEDGES</b>			
<i>Carex bebbii</i>	Bebb's Sedge	142,114	5.4%
<i>Carex stipata</i>	Common Fox Sedge	142,114	5.4%
<i>Scirpus atrovirens</i>	Dark-green Bullrush	236,857	9.1%
<i>Scirpus cyperinus</i>	Wool Grass	236,857	9.1%
<b>WILDFLOWERS</b>			
<i>Asclepias incarnata</i>	Marsh Milkweed	33,078	1.3%
<i>Aster ericoides</i>	Heath Aster	33,078	1.3%
<i>Aster novae-angliae</i>	New England Aster	57,335	2.2%
<i>Aster puniceus</i>	Red-stemmed Aster	55,130	2.1%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	55,130	2.1%
<i>Eupatorium perfoliatum</i>	Boneset	66,156	2.5%
<i>Helenium autumnale</i>	Sneezeweed	66,156	2.5%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	4,410	0.2%
<i>Liatris spicata</i>	Marsh Blazing Star	55,130	2.1%
<i>Lobelia siphilitica</i>	Great Blue Lobelia	48,514	1.9%
<i>Lycopus americanus</i>	Water Horehound	55,130	2.1%
<i>Monarda fistulosa</i>	Wild Bergamot	44,104	1.7%
<i>Napaea dioica</i>	Glade Mallow	11,026	0.4%
<i>Physostegia virginiana</i>	Obedient Plant	22,052	0.8%
<i>Pycnanthemum virginianum</i>	Mountain Mint	44,104	1.7%
<i>Ratibida pinnata</i>	Yellow Coneflower	55,130	2.1%
<i>Rudbeckia hirta</i>	Black-eyed Susan	55,130	2.1%
<i>Rudbeckia laciniata</i>	Wild Golden Glow	33,078	1.3%
<i>Silphium perfoliatum</i>	Cupplant	4,410	0.2%
<i>Solidago riddellii</i>	Riddell's Goldenrod	44,104	1.7%
<i>Verbena hastata</i>	Blue Vervain	61,746	2.4%
<i>Vernonia fasciculata</i>	Ironweed	55,130	2.1%
<i>Veronicastrum virginicum</i>	Culver's Root	55,130	2.1%
<i>Zizia aurea</i>	Golden Alexanders	44,104	1.7%
<b>LEGUMES</b>			
<i>Cassia hebecarpa</i>	Wild Senna	13,068	0.5%

Seed Mix composition subject to change per availability

## Standard: Flood Plain Mix – SM-FPM

Agrecol’s Flood Plain Mix is intended to be used in areas adjacent to rivers and streams that are prone to seasonal flooding but are dry to mesic most of the year. This mix contains a diverse mixture of grasses, sedges, legumes and wildflowers that can tolerate full sun to minimum shade situations.

**FLOOD PLAIN MIX  
(STANDARD MIX)**

Item # SM-FPM  
Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	25%	6
Sedges	25%	4
Wildflowers	49.5%	25
Legumes	0.5%	1
<b>Totals</b>	<b>100%</b>	<b>36</b>

## Species Information: Standard Flood Plain

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bromus ciliatus</i>	Fringed Brome	108,900	4.2%
<i>Elymys riparius</i>	Riverbank Wild Rye	10,890	0.4%
<i>Elymus virginicus</i>	Virginia Wild Rye	179,685	6.9%
<i>Glyceria grandis</i>	Reed Manna Grass	190,575	7.3%
<i>Leersia Oryzoides</i>	Rice Cutgrass	108,900	4.2%
<i>Spartina pectinata</i>	Prairie Cord Grass	54,450	2.1%
<b>SEDGES</b>			
<i>Carex vulpinoidea</i>	Brown Fox Sedge	204,188	7.8%
<i>Scirpus fluviatilis</i>	River Bullrush	16,335	0.6%
<i>Scirpus atrovirens</i>	Dark-green Bullrush	228,690	8.8%
<i>Scirpus cyperinus</i>	Wool Grass	204,188	7.8%
<b>WILDFLOWERS</b>			
<i>Aslisma subcordatum</i>	Common Water Plantain	38,812	1.5%
<i>Asclepias incarnata</i>	Marsh Milkweed	12,937	0.5%
<i>Aster novae-angliae</i>	New England Aster	77,624	2.8%
<i>Aster puniceus</i>	Red-stemmed Aster	77,624	2.8%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	66,687	2.5%
<i>Eupatorium perfoliatum</i>	Boneset	82,799	3.2%
<i>Eupatorium purpureum</i>	Purple Joe Pye Weed	64,687	2.5%
<i>Helenium autumnale</i>	Sneezeweed	77,624	3.0%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	5,175	0.2%
<i>Liatris spicata</i>	Marsh Blazing Star	38,812	1.5%
<i>Lobelia Cardinalis</i>	Cardinal Flower	64,687	2.5%
<i>Lobelia siphilitica</i>	Great Blue Lobelia	77,624	3.0%
<i>Napaea dioica</i>	Glade Mallow	12,937	0.5%
<i>Physostegia virginiana</i>	Obedient Plant	22,052	0.8%
<i>Penthorum sedoides</i>	Ditch Stonecrop	67,274	2.5%
<i>Phyostegia virginiana</i>	Obedient Plant	7,762	0.3%
<i>Pycnanthemum virginianum</i>	Mountain Mint	64,687	2.5%
<i>Rudbeckia lacinta</i>	Wild Goldenglow	25,875	0.9%
<i>Rudbeckia triloba</i>	Brown Eyed Susan	64,687	2.4%
<i>Silphium perfoliatum</i>	Cupplant	5,175	0.2%
<i>Solidago riddellii</i>	Riddell's Goldenrod	77,264	2.9%
<i>Thalictrum Dasycarpum</i>	Purple Meadow Rue	25,875	0.9%
<i>Verbena hastata</i>	Blue Vervain	77,264	2.9%
<i>Vernonia fasciculata</i>	Ironweed	77,264	2.9%
<i>Veronicastrum virginicum</i>	Culver's Root	64,687	2.5%
<i>Zizia aurea</i>	Golden Alexanders	38,812	1.5%
<b>LEGUMES</b>			
<i>Cassia hebecarpa</i>	Wild Senna	13,068	0.5%

Seed Mix composition subject to change per availability

## Standard: Infiltration Swale – SM-ISM

Agrecol’s Infiltration Swale seed mix was designed with a mixture of both very deep rooted plants and very dense fibrously rooting plants so that both the soil surface and deeper soils are protected from erosion. This root complex is also very efficient at moving water down into the soil and minimizing off site flow. This mix is best suited for areas of infrequent surface flow such as ditches, waterways and valleys that collect water during rain events.

**INFILTRATION SWALE MIXED  
(STANDARD MIX)**

Item # SM-ISM  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	35%	5
Sedges	23%	3
Wildflowers	40%	24
Legumes	2%	3
<b>Totals</b>	<b>100%</b>	<b>35</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Infiltration Swale

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Andropogon gerardii</i>	Big Bluestem	137,214	5.2%
<i>Elymus virginicus</i>	Virginia Wild Rye	182,952	7.0%
<i>Glyceria grandis</i>	Reed Manna Grass	182,952	7.0%
<i>Schizachyrium scoparium</i>	Little Bluestem	228,690	8.8%
<i>Sorghastrum nutans</i>	Indian Grass	182,952	7.0%
<b>SEDGES</b>			
<i>Carex vulpinoidea</i>	Brown Fox Sedge	200,376	7.7%
<i>Scirpus atrovirens</i>	Dark-green Bullrush	200,376	7.7%
<i>Scirpus cyperinus</i>	Wool Grass	200,376	7.7%
<b>WILDFLOWERS</b>			
<i>Asclepias incarnata</i>	Marsh Milkweed	23,958	0.9%
<i>Aster laevis</i>	Smooth Blue Aster	43,560	1.7%
<i>Aster novae-angliae</i>	New England Aster	54,450	2.1%
<i>Aster puniceus</i>	Red-stemmed Aster	43,560	1.7%
<i>Coreopsis palmata</i>	Prairie Coreopsis	21,780	0.8%
<i>Echinacea pallida</i>	Pale Purple Coneflower	32,670	1.2%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	54,450	2.1%
<i>Eupatorium perfoliatum</i>	Boneset	54,450	2.1%
<i>Helenium autumnale</i>	Sneezeweed	67,518	2.6%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	10,890	0.4%
<i>Heliopsis helianthoides</i>	Early Sunflower	43,560	1.7%
<i>Liatris spicata</i>	Marsh Blazing Star	54,450	2.1%
<i>Monarda fistulosa</i>	Wild Bergamot	54,450	2.1%
<i>Penstemon digitalis</i>	Smooth Penstemon	52,272	2.0%
<i>Pycnanthemum virginianum</i>	Mountain Mint	43,560	1.7%
<i>Ratibida pinnata</i>	Yellow Coneflower	43,560	1.7%
<i>Rudbeckia hirta</i>	Black-eyed Susan	54,450	2.1%
<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	21,780	0.8%
<i>Silphium perfoliatum</i>	Cupplant	10,890	0.4%
<i>Solidago riddellii</i>	Riddell's Goldenrod	54,450	2.1%
<i>Verbena hastata</i>	Blue Vervain	52,272	2.0%
<i>Vernonia fasciculata</i>	Ironweed	54,450	2.1%
<i>Veronicastrum virginicum</i>	Culver's Root	54,450	2.1%
<i>Zizia aurea</i>	Golden Alexanders	43,560	1.7%
<b>LEGUMES</b>			
<i>Baptisia leucantha</i>	Wild White Indigo	17,424	0.7%
<i>Cassia hebecarpa</i>	Wild Senna	8,712	0.3%
<i>Desmodium canadense</i>	Canada Tick Trefoil	26,136	1.0%

Seed Mix composition subject to change per availability

## Standard: Wet Prairie Short – SM-WPS

Wet prairies typically grow in deep rich soils that are high in organic matter. They also occur in areas where the drainage is poor or in areas that collect water from the surrounding landscape. Wet prairies can survive saturated soil conditions or ponded water for short periods of time, especially after the plants are established. Our wet prairie mixes are grass dominated but they also include several sedges. These mixes will grow best in full sun.

**WET PRAIRIE SHORT STATURE  
STANDARD MIX)**

Item # SM-WPS  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	40%	4
Sedges	10%	3
Wildflowers	49%	25
Legumes	1%	2
<b>Totals</b>	<b>100%</b>	<b>34</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Wet Prairie Short

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bromus ciliatus</i>	Fringed Brome	130,680	5.0%
<i>Elymus virginicus</i>	Virginia Wild Rye	326,700	12.5%
<i>Glyceria canadensis</i>	Rattlesnake Grass	261,360	10.0%
<i>Glyceria grandis</i>	Reed Manna Grass	326,700	12.5%
<b>SEDGES</b>			
<i>Carex stipata</i>	Common Fox Sedge	108,900	4.2%
<i>Carex gravida</i>	Long-awned Bracted Sedge	43,560	1.7%
<i>Carex vulpinoidea</i>	Brown Fox Sedge	108,900	4.2%
<b>WILDFLOWERS</b>			
<i>Anemone canadensis</i>	Canada Anemone	15,367	0.6%
<i>Asclepias incarnata</i>	Marsh Milkweed	20,490	0.8%
<i>Aster novae-angliae</i>	New England Aster	64,033	2.4%
<i>Aster puniceus</i>	Red-stemmed Aster	51,226	2.0%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	51,226	2.0%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	51,226	2.0%
<i>Eupatorium perfoliatum</i>	Boneset	64,033	2.4%
<i>Gentian andrewsii</i>	Bottle Gentian	7,683	0.3%
<i>Helenium autumnale</i>	Sneezeweed	64,033	2.4%
<i>Heliopsis helianthoides</i>	Early Sunflower	38,419	1.5%
<i>Liatris spicata</i>	Marsh Blazing Star	35,858	1.4%
<i>Lobelia siphilitica</i>	Great Blue Lobelia	64,033	2.4%
<i>Lycopus americanus</i>	Water Horehound	51,226	2.0%
<i>Mimulus ringens</i>	Monkey Flower	76,839	2.9%
<i>Monarda fistulosa</i>	Wild Bergamot	64,033	2.4%
<i>Parthenium integrifolium</i>	Wild Quinine	12,806	0.5%
<i>Penthorum sedoides</i>	Ditch Stonecrop	64,033	2.4%
<i>Pycnanthemum virginianum</i>	Mountain Mint	64,033	2.4%
<i>Ratibida pinnata</i>	Yellow Coneflower	64,033	2.4%
<i>Solidago graminifolia</i>	Grass-leaved Goldenrod	64,033	2.4%
<i>Solidago ohioensis</i>	Ohio Goldenrod	56,349	2.2%
<i>Solidago riddellii</i>	Riddell's Goldenrod	56,349	2.2%
<i>Verbena hastata</i>	Blue Vervain	64,033	2.4%
<i>Veronicastrum virginicum</i>	Culver's Root	64,033	2.4%
<i>Zizia aurea</i>	Golden Alexanders	51,226	2.0%
<b>LEGUMES</b>			
<i>Baptisia leucantha</i>	Wild White Indigo	13,068	0.5%
<i>Cassia hebecarpa</i>	Wild Senna	13,068	0.5%

Seed Mix composition subject to change per availability

## Standard: Wet Prairie Mixed – SM-WPM

Wet prairies typically grow in deep rich soils that are high in organic matter. They also occur in areas where the drainage is poor or in areas that collect water from the surrounding landscape. Wet prairies can survive saturated soil conditions or ponded water for short periods of time, especially after the plants are established. Our wet prairie mixes are grass dominated but they also include several sedges. These mixes will grow best in full sun.

**WET PRAIRIE MIXED  
(STANDARD MIX)**

Item # SM-WPM  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	40%	7
Sedges	10%	2
Wildflowers	47%	24
Legumes	3%	3
<b>Totals</b>	<b>100%</b>	<b>36</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Wet Prairie Mixed

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Andropogon gerardii</i>	Big Bluestem	112,011	4.3%
<i>Bromus ciliatus</i>	Fringed Brome	149,348	5.7%
<i>Calamagrostis canadensis</i>	Blue Joint Grass	186,685	7.1%
<i>Elymus virginicus</i>	Virginia Wild Rye	149,348	5.7%
<i>Glyceria grandis</i>	Reed Manna Grass	186,685	7.1%
<i>Sorghastrum nutans</i>	Indian Grass	149,348	5.7%
<i>Spartina pectinata</i>	Prairie Cord Grass	112,011	4.3%
<b>SEDGES</b>			
<i>Scirpus atrovirens</i>	Dark-green Bullrush	130,680	5.0%
<i>Scirpus cyperinus</i>	Wool Grass	130,680	5.0%
<b>WILDFLOWERS</b>			
<i>Asclepias incarnata</i>	Marsh Milkweed	20,473	0.8%
<i>Aster novae-angliae</i>	New England Aster	66,537	2.5%
<i>Aster puniceus</i>	Red-stemmed Aster	66,537	2.5%
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	63,978	2.4%
<i>Eupatorium perfoliatum</i>	Boneset	66,537	2.5%
<i>Helenium autumnale</i>	Sneezeweed	66,537	2.5%
<i>Helianthus grosseserratus</i>	Saw-tooth Sunflower	12,795	0.5%
<i>Heliopsis helianthoides</i>	Early Sunflower	63,978	2.4%
<i>Hypericum pyramidatum</i>	Great St. John's Wort	23,032	0.9%
<i>Liatris spicata</i>	Marsh Blazing Star	12,795	0.5%
<i>Mimulus ringens</i>	Monkey Flower	76,774	2.9%
<i>Monarda fistulosa</i>	Wild Bergamot	63,978	2.4%
<i>Parthenium integrifolium</i>	Wild Quinine	12,795	0.5%
<i>Pycnanthemum virginianum</i>	Mountain Mint	51,183	2.0%
<i>Ratibida pinnata</i>	Yellow Coneflower	63,978	2.4%
<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	63,978	2.4%
<i>Silphium perfoliatum</i>	Cupplant	10,236	0.4%
<i>Solidago graminifolia</i>	Grass-leaved Goldenrod	51,183	2.0%
<i>Solidago ohioensis</i>	Ohio Goldenrod	66,537	2.5%
<i>Solidago riddellii</i>	Riddell's Goldenrod	66,537	2.5%
<i>Verbena hastata</i>	Blue Vervain	66,537	2.5%
<i>Vernonia fasciculata</i>	Ironweed	66,537	2.5%
<i>Veronicastrum virginicum</i>	Culver's Root	66,537	2.5%
<i>Zizia aurea</i>	Golden Alexanders	38,387	1.5%
<b>LEGUMES</b>			
<i>Baptisia leucantha</i>	Wild White Indigo	13,068	0.5%
<i>Cassia hebecarpa</i>	Wild Senna	13,068	0.5%
<i>Desmodium canadense</i>	Canada Tick Trefoil	52,272	2.0%

Seed Mix composition subject to change per availability

## Standard: Dry Savanna – SM-DSM

Savannas are partially shaded plant communities. In natural areas shade is or was provided by trees but often times savanna plant communities are well suited for landscaping uses near buildings. Although these plants will do well in some shade if the area never receives direct sunlight you will have to select a more shade tolerant plant community.

**DRY SAVANNA MIXED  
(STANDARD MIX)**

Item # SM-DSM  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	48%	8
Sedges	2%	1
Wildflowers	45%	22
Legumes	5%	3
<b>Totals</b>	<b>100%</b>	<b>34</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Dry Savanna

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bouteloua curtipendula</i>	Side Oats Grama	196,020	7.5%
<i>Diarrhena americana</i>	Beak Grass	39,204	1.5%
<i>Elymus canadensis</i>	Canada Wild Rye	156,816	6.0%
<i>Elymus villosus &amp; Hystrix patula Mix</i>	Silky Wild Rye & Bottlebrush Grass	133,293	5.1%
<i>Koeleria cristata</i>	June Grass	219,542	8.4%
<i>Schizachyrium scoparium</i>	Little Bluestem	196,020	7.5%
<i>Sorghastrum nutans</i>	Indian Grass	78,408	3.0%
<i>Sporobolus cryptandrus</i>	Sand Dropseed	235,224	9.0%
<b>SEDGES</b>			
<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	52,272	2.0%
<b>WILDFLOWERS</b>			
<i>Allium cernuum</i>	Nodding Onion	53,460	2.0%
<i>Anemone virginiana</i>	Tall Anemone	26,730	1.0%
<i>Aquilegia canadensis</i>	Wild Columbine	40,095	1.5%
<i>Asclepias tuberosa</i>	Butterfly Weed	13,365	0.5%
<i>Aster azureus</i>	Sky-blue Aster	80,190	3.1%
<i>Aster sagittifolius</i>	Arrow-leaved Aster	93,555	3.6%
<i>Aster sericeus</i>	Silky Aster	53,460	2.0%
<i>Aster shortii</i>	Short's Aster	40,095	1.5%
<i>Coreopsis lanceolata</i>	Lance Leaved Coreopsis	66,825	2.6%
<i>Coreopsis palmata</i>	Prairie Coreopsis	13,365	0.5%
<i>Echinacea pallida</i>	Pale Purple Coneflower	26,730	1.0%
<i>Eupatorium sessilifolium</i>	Upland Boneset	53,460	2.0%
<i>Helianthus strumosus</i>	Woodland Sunflower	13,365	0.5%
<i>Kuhnia eupatorioides</i>	False Boneset	80,190	3.1%
<i>Liatris aspera</i>	Rough Blazing Star	40,095	1.5%
<i>Monarda punctata</i>	Dotted Mint	93,555	3.6%
<i>Penstemon digitalis</i>	Smooth Penstemon	66,825	2.6%
<i>Rudbeckia hirta</i>	Black-eyed Susan	80,190	3.1%
<i>Scrophularia lanceolata</i>	Early Figwort	66,825	2.6%
<i>Solidago speciosa</i>	Showy Goldenrod	80,190	3.1%
<i>Tradescantia ohiensis</i>	Spiderwort	13,365	0.5%
<i>Verbena stricta</i>	Hoary Vervain	80,190	3.1%
<b>LEGUMES</b>			
<i>Dalea candidum</i>	White Prairie Clover	65,340	2.5%
<i>Dalea purpurea</i>	Purple Prairie Clover	54,450	2.1%
<i>Lespedeza capitata</i>	Round-headed Bush Clover	10,890	0.4%

Seed Mix composition subject to change per availability

**Standard: Mesic Savanna – SM-MSM**

Savannas are partially shaded plant communities. In natural areas shade is or was provided by trees but often times savanna plant communities are well suited for landscaping uses near buildings. Although these plants will do well in some shade if the area never receives direct sunlight you will have to select a more shade tolerant plant community. Agrecol’s Mesic Savanna mix is adapted for mesic soil conditions.

**MESIC SAVANNA MIXED  
(STANDARD MIX)**

Item # SM-MSM  
 Seeds 60 Per Sq. Ft.

Mix Diversity	% Seed Count	Species Count
Grasses	49%	5
Sedges	1%	1
Wildflowers	40%	22
Legumes	10%	4
<b>Totals</b>	<b>100%</b>	<b>32</b>

Seed Mix composition subject to change per availability

## Species Information: Standard Mesic Savanna

Latin Name	Common Name	Total Seeds	% Total Seeds
<b>GRASSES</b>			
<i>Bouteloua curtipendula</i>	Side Oats Grama	320,166	12.2%
<i>Elymus canadensis</i>	Canada Wild Rye	128,066	4.9%
<i>Elymus virginicus</i>	Virginia Wild Rye	192,099	7.4%
<i>Koeleria cristata</i>	June Grass	320,166	12.2%
<i>Schizachyrium scoparium</i>	Little Bluestem	320,166	12.2%
<b>SEDGES</b>			
<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	26,136	1.0%
<b>WILDFLOWERS</b>			
<i>Allium cernuum</i>	Nodding Onion	47,520	1.8%
<i>Asclepias tuberosa</i>	Butterfly Weed	11,880	0.5%
<i>Aster azureus</i>	Sky-blue Aster	71,280	2.7%
<i>Aster ericoides</i>	Heath Aster	59,400	2.3%
<i>Aster laevis</i>	Smooth Blue Aster	59,400	2.3%
<i>Aster novae-angliae</i>	New England Aster	61,776	2.4%
<i>Coreopsis palmata</i>	Prairie Coreopsis	23,760	0.9%
<i>Echinacea pallida</i>	Pale Purple Coneflower	23,760	0.9%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	47,520	1.8%
<i>Helianthus occidentalis</i>	Western Sunflower	23,760	0.9%
<i>Heliopsis helianthoides</i>	Early Sunflower	59,400	2.3%
<i>Liatris pycnostachya</i>	Prairie Blazing Star	54,648	2.1%
<i>Monarda fistulosa</i>	Wild Bergamot	59,400	2.3%
<i>Penstemon digitalis</i>	Smooth Penstemon	59,400	2.3%
<i>Potentilla arguta</i>	Prairie Cinquefoil	47,520	1.8%
<i>Pycnanthemum virginianum</i>	Mountain Mint	59,400	2.3%
<i>Ratibida pinnata</i>	Yellow Coneflower	59,400	2.3%
<i>Rudbeckia hirta</i>	Black-eyed Susan	71,280	2.7%
<i>Silphium laciniatum</i>	Compass Plant	2,376	0.1%
<i>Solidago rigida</i>	Stiff Goldenrod	59,400	2.3%
<i>Tradescantia ohiensis</i>	Spiderwort	11,880	0.5%
<i>Veronicastrum virginicum</i>	Culver's Root	71,280	2.7%
<b>LEGUMES</b>			
<i>Amorpha canescens</i>	Leadplant	49,005	1.9%
<i>Dalea candidum</i>	White Prairie Clover	81,675	3.1%
<i>Dalea purpurea</i>	Purple Prairie Clover	81,675	3.1%
<i>Desmodium canadense</i>	Canada Tick Trefoil	49,005	1.9%

Seed Mix composition subject to change per availability

## High Density Seed Mixes

Coverage: 30 PLS lbs per acre.\*

Available in 1 acre, 1/2 acre, 1/4 acre, 1/8 acre, 1/16 acre and 545 sq. feet increments.

Agrecol's 15 high density seed mixes are designed for situations where extra high seeding rates are desired. These could be situations where the landowner is concerned about weed control preparation prior to seeding or simply would just like to ensure competitive advantage through numbers during the establishment phase. These mixes contain 10-15 species of grasses, sedges, and wildflowers. They are designed for a planting rate of 120 PLS seeds per square foot . Additionally, there is a ratio of approximately 70/30 grasses & sedges to wildflowers.

## Deluxe Seed Mixes

Coverage: 15 PLS lbs per acre.\*

Available in 1 acre, 1/2 acre, 1/4 acre, 1/8 acre, 1/16 acre and 545 sq. feet increments.

Agrecol's 15 deluxe seed mixes contain a very diverse mix of species. 45-60 total species of native grasses, sedges, and wildflowers for a variety of Environmental conditions comprise this mix.

Not only is this the most diverse of our mix categories, it also is designed to provide 90 PLS seeds per square foot, which is 50% higher than our standard versions. For an added visual appeal, Agrecol has adjusted the ratio of grasses & sedges to wildflowers to 40/60.

\*approximate coverage rate, coverage varies according to mix and species.

## Custom Native Seed Mixes

Our mixes are custom-made for site specific needs. All mixes can be ordered with each component packaged separately, grouped for a seed drill, or all mixed together. Typical modifications include changing the color ratios, grass to wildflower ratio, the number of seeds per square foot, and any other modifications to meet site and budget needs.