

"Annuals" and Nurse Crops, Conservation Seedings, Plateau™ /Journey™ Tolerant Mixes



Kathy's Bloomers "Annuals" Mix

3 lb/ac as a mix supplement

A not faultless means to an end. Annual, biennial & short-lived perennial (occasionally monocarpic) flowers for quick color, to be used with any full sun upland native seed mix. Will grow wherever turf will grow. Purely optional, native somewhere (some not necessarily here), but provides splash & interest in the native seeding while it is developing. Ecologically just a bunch of weeds, & this will compromise native species diversity & the success of a seeding, so why are you using this?. Plant 2-4 lbs per acre as early color. If planted as a "meadow" or a stand-alone mix, plant at 10-16 lbs per acre & add a nurse crop & companion grasses. Not sustainable in the long run, but beats the hell out of another senseless acre of rabbit-starving, no-bird-nesting Tall Fescue. Has our own "Midwest mix" consisting of native-Illinois, farm-grown, prairie perennials (not harvested from the wild) at incredibly low prices.

Species	Common Name	% by weight
<i>Chamaecrista fasciculata</i> {Cassia f}	Partridge Pea	7.00%
<i>Coreopsis lanceolata</i>	Sand Coreopsis	14.00%
<i>Cosmos sulphureus</i>	Yellow Cosmos	11.00%
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	10.00%
<i>Echinacea purpurea</i>	Purple Coneflower	11.00%
<i>Gaillardia pulchella</i>	Indian Blanket	7.00%
<i>Linum lewisii</i>	Blue Flax	7.00%
<i>Lupinus perennis</i>	Lupine	7.00%
<i>Ratibida columnifera</i>	Prairie Coneflower	3.00%
<i>Ratibida columnifera pulcherrima</i>	Red Mexican Hat	3.00%
<i>Rudbeckia hirta</i>	Blackeyed Susan	10.00%
<i>Rudbeckia triloba</i>	Browneyed Susan	5.00%
Genesis Native Perennial Midwest Mix	various species	5.00%
v012213		*
total		100.00%

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

For some 1st year color, plant 2 weeks before the last spring frost date. True annuals may start blooming 8 weeks later.

A consideration in choosing to use nurse crops is pollen production. The commonly used nurse crop grasses are wind pollinated. Wind pollinated plants are the source of seasonal allergic reactions in many individuals. Some grasses are worse pollen sources than others, & among those known to cause allergic reactions include Annual Bluegrass, Sweet Vernal Grass, Bermuda Grass, Love Grasses, Kentucky Bluegrass, Orchard Grass, Paspalum, Perennial Rye Grass, Redtop, & Timothy.

Knowingly designing plantings, or installing allergy-causing grasses in an urban context presents a severe liability exposure, one that presents more exposure than a one-day controlled burn. A clever lawyer with an allergic child living next to a planting with allergy causing nurse crops will sue someone, someday. It's only a matter of time. You may be the first lawsuit, think litigation. Think, "Is my Errors & Omissions Insurance paid up?" Think responsibly. C.Y.A. The legal precedents for the exclusion of allergin producing plants have been made. Be looking over your shoulder!

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Upland Nurse Crop

Species	Common Name	lb/ac
<i>Avena sativa</i>	Seed Oats	32
<i>Lolium multiflorum</i>	Italian Rye	5
v120812		*
*	total	37

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Wetland Nurse Crop

Species	Common Name	lb/ac
<i>Agrostis gigantea {A alba}</i>	Red Top Grass	0.125
<i>Agrostis stolonifera {A alba palustris}</i>	Bent Grass	0.125
<i>Avena sativa</i>	Seed Oats	32
<i>Lolium multiflorum</i>	Italian Rye	5
v120812		*
*	total	37.25

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Savanna Nurse Crop

Species	Common Name	lb/ac
<i>Avena sativa</i>	Seed Oats	32
<i>Festuca ovina</i>	Sheeps Fescue	1
v120812		*
	total	33

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Nurse crops are purely optional. If erosion or soil stability are a concern or they are your crutch, use one of the above nurse crops blended with your native seeding. These mixes also act as efficient carriers & allow more efficient broadcasting of your seed mix. These nurse crop mixes contain phytotoxic & highly allergenic species. *Caveat emptor!*

Conservation Seedings

CRP Forb Mix for Mesic to Dry Mesic Soils

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Our most economical forb mix. Intended for use with native grasses in CRP and similar plantings on the farm, but will work as a supplement in most sunny upland grassland plantings. Sold by the pound. We recommend 4-5 pounds per acre minimum with native grasses.

Species	Common Name	% BY WT
<i>Allium cernuum</i>	Nodding Wild Onion	0.31%

<i>Anemone</i> Species	Anemone species	0.87%
<i>Baptisia lactea</i> * <i>B alba macrophylla</i> *	White Indigo	1.24%
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	3.89%
<i>Coreopsis lanceolata</i>	Lance Leaf Coreopsis	9.31%
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.31%
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.64%
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Prairie Clover	5.17%
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	6.21%
<i>Desmodium canadense</i>	Showy Ticktrefoil	0.64%
<i>Echinacea pallida</i>	Pale Purple Coneflower	1.95%
<i>Echinacea purpurea</i>	Purple Coneflower	7.76%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	5.17%
<i>Heliopsis helianthoides</i>	False Sunflower	0.87%
<i>Hypericum ascyron</i> { <i>H pyramidatum</i> }	Great St John'swort	2.59%
<i>Lespedeza capitata</i>	Roundhead Bush Clover	0.64%
<i>Liatris aspera</i>	Button Blazingstar	1.95%
<i>Liatris pycnostachya</i>	Prairie Blazingstar	0.64%
<i>Monarda fistulosa</i>	Bergamont	1.30%
<i>Oenothera biennis</i>	Evening Primrose	1.95%
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	2.59%
<i>Parthenium integrifolium</i>	Wild Quinine	2.59%
<i>Penstemon digitalis</i>	Foxglove Beardtongue	2.59%
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.65%
<i>Pycnanthemum virginianum</i>	Common Mt Mint	1.95%
<i>Ratibida pinnata</i>	Yellow Coneflower	9.05%
<i>Rudbeckia hirta</i>	Blackeyed Susan	10.35%
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	7.76%
<i>Silphium integrifolium</i>	Rosinweed	1.95%
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.64%
<i>Solidago speciosa</i>	Showy Goldenrod	1.30%
<i>Symphyotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	1.30%
<i>Symphyotrichum novae-angliae</i> { <i>Aster n</i> }	New England Aster	1.30%
<i>Verbena stricta</i>	Hoary Vervain	2.59%
v120812		*
total native matrix		100%

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

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A wetland conservation seed mix is available on request.

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CRP Forb Mix for Dry Sandy or Gravelly Soils

One of our more economical forb mixes. Intended for use with native grasses in Conservation Reserve Program plantings in very well drained soils. Sold by the pound. We recommend 5 pounds minimum per acre with native grasses.

Species	Common Name	% BY WT
<i>Allium cernuum</i>	Nodding Wild Onion	0.32%
<i>Artemisia campestris</i> { <i>A caudata</i> }	Beach Wormwood	1.36%
<i>Astragalus canadensis</i>	Canada Milk Vetch	5.38%
<i>Baptisia lactea</i> * <i>B alba macrophylla</i> *	White Indigo	1.29%
<i>Brickellia eupatorioides corymbulosa</i> { <i>Kuhnia e c.</i> }	False Boneset	0.67%
<i>Chamaecrista fasciculata</i> { <i>Cassia f</i> }	Partridge Pea	4.05%
<i>Coreopsis lanceolata</i>	Lance Leaf Coreopsis	9.68%
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.32%
<i>Coreopsis tripteris</i>	Tall Coreopsis	0.67%
<i>Dalea purpurea</i> { <i>Petalostemum p</i> }	Purple Coneflower	5.38%
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	6.46%
<i>Desmodium illinoensis</i>	Illinois Ticktrefoil	0.67%
<i>Echinacea pallida</i>	Pale Purple Coneflower	2.69%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	5.38%
<i>Heliopsis helianthoides</i>	False Sunflower	1.20%
<i>Lespedeza capitata</i>	Roundhead Bush Clover	0.99%
<i>Liatris aspera</i>	Button Blazing Star	0.67%
<i>Lupinus perennis</i>	Lupine	5.38%
<i>Monarda fistulosa</i>	Bergamont	0.67%
<i>Oenothera biennis</i>	Evening Primrose	2.02%
<i>Oligoneuron rigidum</i> { <i>Solidago r</i> }	Stiff Goldenrod	2.69%
<i>Parthenium integrifolium</i>	Wild Quinine	2.69%
<i>Penstemon grandiflorus</i>	Large Flowered Beardtongue	2.69%
<i>Drymocallis arguta</i> { <i>Potentilla a</i> }	Prairie Cinquefoil	0.67%
<i>Ratibida pinnata</i>	Yellow Coneflower	10.76%
<i>Rudbeckia hirta</i>	Blackeyed Susan	10.46%
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	2.69%
<i>Silphium integrifolium</i>	Rosinweed	2.02%
<i>Solidago nemoralis</i>	Oldfield Goldenrod	0.67%
<i>Solidago speciosa</i>	Showy Goldenrod	1.36%
<i>Symphotrichum laeve</i> { <i>Aster l</i> }	Smooth Blue Aster	2.69%
<i>Symphotrichum oolentangiense</i> { <i>Aster azureus</i> }	Sky Blue Aster	2.69%
<i>Verbena stricta</i>	Hoary Vervain	2.69%
v120812		*
total native matrix		100.00%

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

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Plateau™/Journey™ Tolerant mixes

Plateau™/Journey™ Pre-emergent Prairie Seed Mix

Major Grasses PLS

This mix is designed for low rate pre-emergent application of Plateau™ or Journey™. Stand thinning or loss of stand may occur in certain species, genotypes, ecotypes, or varieties. Always consult the Plateau™ or Journey™ label for application rates, adjuvants, & specific tolerances.

Species	Common Name	lb / acre
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Andropogon gerardii</i>	Big Bluestem	1.000
<i>Bouteloua curtipendula</i>	Side Oats Gramma	3.000
<i>Chamaecrista fasciculata</i> { <i>Cassia</i> f}	Partridge Pea	0.250
<i>Coreopsis lanceolata</i>	Lance Leaf Coreopsis	0.250
<i>Dalea pururea</i> { <i>Petalostemum</i> p}	Purple Prairie Clover	0.250
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	0.250
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Lupinus perennis</i>	Lupine	0.250
<i>Ratibida pinnata</i>	Yellow Coneflower	0.250
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Schizachyrium scoparium</i> { <i>Andropogon</i> s}	Little Bluestem	4.000
<i>Sorghastrum nutans</i>	Indian Grass	1.000
v120812		*
total		11.563
total native matrix		11.563

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

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Plateau™/Journey™ Pre-emergent Prairie w/ "Annuals" Seed Mix

PLS where applicable

This mix is designed for low rate pre-emergent application of Plateau™ or Journey™. Stand thinning or loss of stand may occur in certain species, genotypes, ecotypes, or varieties. Always consult the Plateau™ or Journey™ label for application rates, adjuvants, & specific tolerances. Special order mix, allow 30 days for delivery.

Species	Common Name	lb / acre
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Andropogon gerardii</i>	Big Bluestem	1.000
<i>Bouteloua curtipendula</i>	Side Oats Gramma	3.000
<i>Chamaecrista fasciculata</i> { <i>Cassia</i> f}	Partridge Pea	0.250
<i>Coreopsis lanceolata</i>	Lance Leaf Coreopsis	0.250
<i>Coreopsis tinctoria</i>	Plains Coreopsis	0.250
<i>Cosmos sulphureus</i>	Yellow Cosmos	0.250
<i>Dalea pururea</i> { <i>Petalostemum</i> p}	Purple Prairie Clover	0.375
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	0.250
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Lupinus perennis</i>	Lupine	0.250
<i>Papaver rhoeas</i>	Corn Poppy	0.250

<i>Ratibida columnifera</i>	Upright Coneflower	0.125
<i>Ratibida columnifera pulcherrima</i>	Red Mexican Hat	0.125
<i>Ratibida pinnata</i>	Yellow Coneflower	0.375
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Schizachyrium scoparium {Andropogon s}</i>	Little Bluestem	4.000
<i>Sorghastrum nutans</i>	Indian Grass	1.000
v120812		*
total		12.813
total native matrix		10.938

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

Approximately 80 PLS seeds per square foot

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Plateau™ Post-emergent Prairie w/ "Annuals" Seed Mix

PLS where applicable

This mix is designed for low rate post-emergent application of Plateau™. Stand thinning or loss of stand may occur in certain species, genotypes, ecotypes, or varieties. Always consult the Plateau™ label for application rates, adjuvants, & specific tolerances. Special order mix, allow 30 days for delivery.

Species	Common Name	lb / acre
<i>Amorpha canescens</i>	Leadplant	0.063
<i>Andropogon gerardii</i>	Big Bluestem	0.500
<i>Bouteloua curtipendula</i>	Side Oats Gramma	3.000
<i>Bouteloua gracilis</i>	Blue Gramma	1.000
<i>Chamaecrista fasciculata {Cassia f}</i>	Partridge Pea	0.250
<i>Coreopsis lanceolata</i>	Lance Leaf Coreopsis	0.250
<i>Coreopsis tinctoria</i>	Plains Coreopsis	0.250
<i>Cosmos sulphureus</i>	Yellow Cosmos	0.250
<i>Dalea purpurea {Petalostemum p}</i>	Purple Prairie Clover	0.500
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	0.250
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Gaillardia aristata</i>	Blanket Flower	0.250
<i>Gaillardia pulchella</i>	Indian Blanket	0.250
<i>Linum lewisii</i>	Blue Flax	0.250
<i>Lupinus perennis</i>	Lupine	0.250
<i>Panicum virgatum</i>	Switch Grass	0.375
<i>Papaver rhoeas</i>	Corn Poppy	0.250
<i>Ratibida columnifera</i>	Upright Coneflower	0.250
<i>Ratibida pinnata</i>	Yellow Coneflower	0.250
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.500
<i>Schizachyrium scoparium {Andropogon s}</i>	Little Bluestem	4.000
<i>Sorghastrum nutans</i>	Indian Grass	1.000
v120812		0.000
total		14.438
total native matrix		12.438

All items subject to availability. Mix composition may vary seasonally.
Approximately 84 PLS seeds per square foot

Additional Plateau™/Journey™ tolerant mixes and Transline™ or Milestone™ tolerant mixes are available on request.

