



UNITED POLLINATOR MIXTURE

Description: United Pollinator Mixture creates the perfect habitat to attract a diverse number of pollinators such as butterflies, bees and hummingbirds. This mixture features season-long blooming and with an array of color to attract the maximum amount of pollinators. Mixed with smaller pro-file native grasses to help give the mixture a more native look and feel as well as a small amount of seed oats for short term erosion control. Use this mixture in urban areas such as parks and common areas as well in larger conservation areas.

Seeding Rate:

Drill Seeding: 20 LBS Per Acre

Broadcast Seeding: 25 LBS Per Acre

Seeding Dates:

March-May

November-February

Days to Germination:

7-28 Days as a Mixture

Botanical Name	Common Name	% of Mix	Flower Color	Bloom Period	Mature Height
<i>Asclepias syriaca</i>	Common Milkweed	1.0%	Pink/Red	Summer	2-3'
<i>Asclepias tuberosa</i>	Butterfly Milkweed	1.5%	Orange	Summer	2'
<i>Aster laevis</i>	Smooth Blue Aster	1.0%	Blue	Fall	4'
<i>Aster azureus</i>	Sky Blue Aster	1.0%	Blue	Fall	3'
<i>Avena sativa</i>	Seed Oats	15%			
<i>Bouteloua curtipendula</i>	Side Oats Grama	15%			3-4'
<i>Chascanthium fasciculata</i>	Partridge Pea	.5%	Yellow	Late Summer	2-3'
<i>Coreopsis lanceolata</i>	Lance-Leaved Coreopsis	2.0%	Yellow	Summer	2-3'
<i>Dalea purpureum</i>	Purple Prairie Clover	3.0%	Purple	Late Summer	2-3'
<i>Echinacea purpurea</i>	Purple Coneflower	3.5%	Purple	Later Summer	3'
<i>Echinacea pallida</i>	Pale Purple Coneflower	3.5%	Light	Summer	3'
<i>Elymus canadensis</i>	Canada Wildrye	10%	Purple		3-4'
<i>Eryngium yuccifolium</i>	Rattlesnake Master	2.5%	White	Late Summer	3-4'



OMAHA HEADQUARTERS
7500 BURLINGTON STREET
OMAHA, NE 68127
(402)-331-4800

DES MOINES WAREHOUSE
1800 DIXON AVE, SUITE A
DES MOINES, IA 50316
(515)-282-1750





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Botanical Name	Common Name	% of Mix	Flower Color	Bloom Period	Mature Height
<i>Koeleria macrantha</i>	Prairie Junegrass	5%			2-3'
<i>Lespedeza capitata</i>	Round Headed	1.5%	Green	Early Fall	3-4'
<i>Liatris pycnostachya</i>	Lespedeza	1.5%	Purple	Summer	3-4'
<i>Lobelia siphilitica</i>	Prairie Blazingstar	1.5%	Blue	Summer	3'
<i>Monarda fistulosa</i>	Great Blue Lobelia	1.0%	Purple	Late Summer	3'
<i>Penstemon digitalis</i>	Wild Bergamot	4%	White	Summer	2-3'
<i>Pycnanthemum virginianum</i>	Foxglove Penstemon	5%	Purple	Summer	4-5'
<i>Ratibida pinnata</i>	Mountain Mint	4%	Yellow	Summer	2-3'
<i>Rudbeckia hirta</i>	Yellow Coneflower	1%	Yellow	Summer/Fall	4-5'
<i>Rudbeckia triloba</i>	Black-eyed Susan	5%	Yellow	Fall	2-3'
<i>Schizachyrium scoparium</i>	Brown-eyed Susan	5%			3-4'
<i>Solidago speciosa</i>	Little Bluestem	5%	Yellow	Fall	4-5'
<i>Sporobolus heterolepis</i>	Showy Goldenrod	5%			2-3'
<i>Tradescantia ohiensis</i>	Prairie Dropseed	1.5%	Blue	Summer	2-3'
<i>Vernonia fasciculata</i>	Ohio Spiderwort	4%	Purple	Late Summer	5-6'
<i>Veronicastrum virginicum</i>	Culvers Root	0.1%	Pink/White	Summer	3-4'
<i>Aizia aurea</i>	Golden Alexanders		Yellow	Late Summer	3'



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www.unitedseeds.com



General Seeding Guidelines

I. SEEDING DATES

April 15 to June 15

August 10 to October 15

November 15 to February 15 (Dormant Seeding)

II. SITE PREPARATION FOR BAREGROUND SEEDING

- i. Conduct a soil test, per acre, to determine any needed soil amendments
- ii. Check soil PH. Ideal PH is between 6.0 and 7.0
- iii. Eliminate existing vegetation
- iv. Spray with a non-selective herbicide
- v. Remove any dead vegetation
- vi. Add soil amendments. Adjust PH.
- vii. Till soil to a 4-6 inch depth
- viii. Remove any large debris
- ix. Pulverize and lightly roll soil
- x. Apply 1 lb of Phosphorous (P) (2.27 lbs P2O5) / 1000 ft² to soil surface

III. SITE PREPARATION FOR INTERSEEDING/OVERSEEDING

- i. Conduct one soil test, per acre, to determine any need soil amendments
- ii. Check soil PH. Ideal PH is between 6.0 and 7.0
- iii. Remove any debris that may inhibit seeding
- iv. Mow area to be seeded if existing vegetation is higher than 3-4 inches

IV. SEEDING METHODS

Seeding Method is base on the slope and soil at site. Use broadcast, drop, slit or drill seeding methods where erosion is not a concern.

- i. Seed should be planted .125 to .25 inches below soil surface
- ii. Plant two directions putting 1/2 of seed down each direction
- iii. Gently roll or rake seeded area to ensure good soil to seed contact
- iii. If inter-seeding into existing vegetation use a slicer/inter-seeder that cuts into existing vegetation and places the seed into the soil at an optimum depth of 1/4 to 1/2 inch and achieves good soil to seed contact
- iv. If broadcast seeding into existing vegetation drag a harrow or chain link fence over seeded area to ensure seed to soil contact.

Hydro seed steep slopes or areas where erosion is a concern..

- i. Broadcast 1/2 of the seed before hydro-seed mixture is applied
- ii. Place the other 1/2 in the hydro seed mixture

V. WATERING REQUIREMENTS

- i. Water to field capacity immediately after seeding
- ii. The first three weeks after seeding keep top 1.t inches of soil moist
- iii. Weeks four through six after seeding water 3-4 times per week
- iv. After six weeks water when grass begins to show drought stress

VI. FERTILIZATION AND MOWING

- i. Fertilize seeded area once for the first two months with .5 lbs of N / 1000ft² after seeding
- ii. Mow when the grass is one inch longer than desired height. Do not remove more than 1/3 of grass blade.