



Floodplain Mixture

Description

United Floodplain Mixture consists of species that are deep rooted and once established, are able to tolerate standing water for an extended period of time. This mixture contains a variety of cool and warm season grasses for season long growth. It will be able to withstand periods of cool/wet and hot/dry conditions. Oats are added as a quick cover crop while the slower germinating and establishing grasses develop.



Botanical Name	Common Name	% of Mix
<i>Andropogon gerardii</i>	Big Bluestem	15%
<i>Avena sativa</i>	Oats	10%
<i>Carex vulpinoidea</i>	Fox Sedge	2%
<i>Elymus canadensis</i>	Canada Wildrye	10%
<i>Elymus virginicus</i>	Virginia Wildrye	25%
<i>Panicum virgatum</i>	Switchgrass	5%
<i>Pascopyrum smithii</i>	Western Wheatgrass	30%
<i>Spartina pectinata</i>	Prairie Cordgrass	3%

Application of Uses:

Floodplains, Shorelines, Streambanks and Reclamation Areas

Seeding Rates:

Bare Ground– 25 LBS per Acre

Seeding Dates:

March-June

December-February (dormant seeding)

Germination Times:

4-28 Days as a mixture



OMAHA HEADQUARTERS_ 7500 BURLINGTON _ OMAHA, NE 68127
 NE TOLL FREE (800)456-9901 _ NE LOCAL (402)-331-4800 _ NE FAX (402)-331-1251
 DES MOINES WAREHOUSE _ 1800 DIXON AVE _ DES MOINES, IA 50316
 IA TOLL FREE (800)-365-6674 _ IA LOCAL (515)-282-1750 _ IA FAX (515)-266-5587
www.unitedseeds.com www.unitedseedsonline.com

General Seeding Guidelines



I. SEEDING DATES

April 15 to June 15

August 10 to October 15

November 15 to February 15

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) ($2.27 \text{ lbs } P_2O_5$) / 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.