



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.

Application of Uses:

Floodplains, Shorelines, Streambanks and Reclamation Areas

Seeding Rates: Bare Ground– 25 LBS per Acre

Days to Germinate:

4-28 Days as a mixture

Seeding Dates:

March-June

December-February (dormant seeding)

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%



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



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.