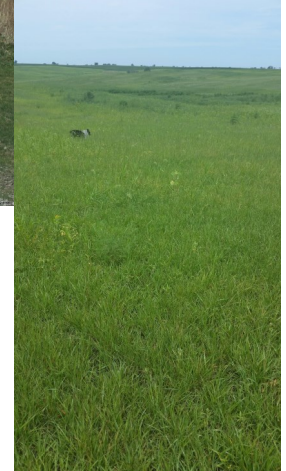




Contains: Alkaligrass, Turf Type Tall Fescue, Perennial Ryegrass, Crested Wheatgrass, Hard Fine Fescue and Sheep Fine Fescue



Description
United Boulevard Mixture adapts well to a wide range of roadside turf applications. These varieties are intended to work well in areas where road salts create challenging growing conditions. The mixture contains varieties that work well in wet ditch bottoms as well as on drier shoulders. Use *United Boulevard Mixture* where ever you encounter high sodic or alkaline soil conditions. United Boulevard Mixture is an approved seed mixture by the Iowa Department of Transportation.

- Characteristics**
- Excellent tolerance to high salt content soils
 - Excellent drought tolerance
 - Tolerant of poor soils
 - Low maintenance once established
 - Excellent germination rates in high salt soils
 - Increased flexibility for seeding in spring and fall

- Uses**
- Roadsides
 - School grounds
 - Parks
 - Commercial Sites

ALKALIGRASS	25.00%
TURF TYPE TALL FESCUE	25.00%
PERENNIAL RYEGRASS	15.00%
CRESTED WHEATGRASS	15.00%
HARD FINE FESCUE	10.00%
SHEEP FINE FESCUE	10.00%

Seeding Information
Seeding Rates: New Seeding (bare ground) _ 6 LBS / 1,000 Sq. Ft.
 Over-seed (into existing) _ 3 LBS / 1,000 Sq. Ft.
Seeding Dates: March-May _ August-October _ Dormant: Dec-Feb
Germination Times: 5-14 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

A. SEED TIMING

- a. Seed from April 15 to June 15 or
- b. August 10 to October 15
- c. Dormant seeding after November 15 will germinate the following Spring

d. SITE PREPARATION FOR BAREGROUND SEEDING

- e. Conduct one soil test per acre to determine soil additives needed
- f. Ensure soil pH is between 6.0 and 7.0

Eliminate existing vegetation

Spray with non-selective herbicide

Remove dead vegetation through mechanical means

- d. Add recommended soil amendments, pH adjustment materials, and fertilizer
- e. Till soil to a 4-6 inch depth
- f. Remove rocks and debris larger than one inch diameter
- g. Pulverize and lightly roll soil
- h. Apply 1 lb phosphorous (P) (2.27 lbs P₂O₅) / 1000 ft² to soil surface

i. SITE PREPARATION FOR INTERSEEDING/OVERSEEDING

- a. Conduct one soil test per acre to determine if soil additives are needed
- b. Ensure soil pH is between 6.0 and 7.0
- c. Remove any debris that may inhibit seeding
- d. Mow area to be seeded, if existing vegetation is higher than 3-4 inches

e. SEEDING METHODS

- f. Seeding method is based on slope and soil at site

Broadcast-, drop-, slit-, or drill-seed flat areas where erosion is not a concern

Seed should be planted 0.125 to 0.25 inches below soil surface

Plant two directions putting ½ of seed down each direction

Gently roll or rake seeded area to ensure good soil-to-seed contact

- c. Inter-seed into existing vegetation with a slicer/inter-seeder that cuts into existing vegetation and places the seed into the soil at the optimum depth of ¼ to ½ inch and achieves good seed-to-soil contact.
- d. If broadcast seeding into existing vegetation, drag over areas after broadcasting the seed with a harrow or chain link fence to achieve good seed-to-soil contact.

Hydro-seed steep slopes where erosion is a concern

When hydro-seeding, broadcast ½ of the seed before hydro-seed mixture is applied and place ½ of the seed in hydro-seed mixture

E. WATERING REQUIREMENTS

- a. Water to field capacity immediately after seeding
- b. The first three weeks after seeding. keep top 1.5 inches of soil moist*
- c. Weeks four through six after seeding, water 3-4 times per week

After six weeks, water when grass begins to show draught stress

*Number of times to water per day depends on temperature, humidity, wind, and rainfall

F. FERTILIZING & MOWING

- a. Fertilize seeded area with 0.5 lbs nitrogen (N) / 1000 ft² 1, 2, and 3 months after initial seeding, then begin a regular fertilizer schedule
- b. Mow when grass is one inch longer than desired grass height but do not remove more than 1/3 of grass blade (i.e. mow when grass is 4 inches tall if desired height is 3 inches)



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