



## ULTRA SUN & SHADE

**Description:** Ultra Sun and Shade is an all-purpose mixture that can be used in all types of applications. The mixture establishes fast and adapts very well to sun and/or shade with excellent adaption to varying soil types. Ultra Sun and Shade conforms to MUD's all-areas seeding mixture.

### Contains:

33.3% Navy Kentucky Bluegrass,  
33.3% Boreal Creeping Red Fine Fescue  
33.3% Infusion Perennial Ryegrass  
(varieties subject to change)

### Main Uses:

Athletic Fields, Parks, Golf Course Roughs, Home Lawns, Cemeteries, Commercial Sites

### Seeding Rates:

New Seeding (bare ground): 10 LBS per 1,000 SQ FT  
Over-Seeding (into existing): 5 LBS per 1,000 SQ FT  
Over-Seeding (heavy use): 12 LBS per 1,000 SQ FT

### Seeding Dates:

March-May  
August- October  
December-February (dormant seeding)

### Days to Germination:

Perennial Ryegrass- 4-7 Days  
Creeping Red Fescue- 10-14 Days  
KY Bluegrass- 10-21 Days

### Characteristics:

Color: Good  
Density: Good  
Shade Tolerance: Very Good  
Drought Tolerance: Good  
Wear Tolerance: Good  
Mowing Height: Down to 2 inch cut  
Leaf Texture: Medium to Fine  
Rate of Establishment: Good



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7500 BURLINGTON STREET  
OMAHA, NE 68127  
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DES MOINES, IA 50316  
(515)-282-1750

ULTRA  
Sun & Shade

## 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 ft<sup>2</sup> 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 / 1000ft<sup>2</sup> after seeding
- ii. Mow when the grass is one inch longer than desired height. Do not remove more than 1/3 of grass blade.