



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:
 1/3 each of Corsair and Dauntless Kentucky Bluegrass, Boreal Creeping Red Fine Fescue., Premium Perennial Ryegrass (varieties are subject to change)

Applications of Use:
 Athletic Fields, Parks, Golf Course Roughs, Home Lawns, Cemeteries, Commercial Sites

Seeding Rate:
 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 Germinate:
 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

CERTIFIED SEED

Ultra Sun and Shade Mix Lot Number: USS-19
 Fine Fescue/Blue/Ryegrass Mixture


Variety & Kind	Purity	Germ.	Origin	Lot Number
Boreal Creeping Red Fescue	34.00%	90%	OR	TBD
Premium Perennial Ryegrass	34.00%	90%	MN	TBD
Corsair Kentucky Bluegrass	16.00%	90%	WA	TBD
Dauntless Kentucky Bluegrass	16.00%	90%	WA	TBD

Total Pure: 100.00% Crop: 0.00% Inert: 0.00% Weeds: 0.00% AMS: 127
 Net Weight: 50.0 Lbs 22.68 Kgs. Sell By: 12-31-2019 Excess Noxious Weeds: None

UNITED SEEDS INC Omaha - 800-456-9901 www.unitedseeds.com
 Des Moines - 800-365-6674

Quality certified by NEBRASKA CROP IMPROVEMENT ASSOCIATION
 MEMBER OF ASSOCIATION OF OFFICIAL SEED CERTIFYING AGENCIES

* The Certifying Agency makes no warranty of any kind, expressly or implied, including merchantability or fitness for purpose, or otherwise, which extends beyond the certification that the seeds inspected met the regulations of this agency. The Seller guarantees this seed to conform to the analysis shown. No further warranty is expressed or implied. Sellers liability is limited to the purchase price of the seed.




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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) ($2.27 \text{ lbs P}_2\text{O}_5$) / 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.