



UNITED SEEDS INC



5-Iron™

Perennial Ryegrass Blend

Description

5-Iron Perennial Ryegrass Blend continues to get better! We constantly seek out new and better performing varieties. 5-Iron is the ultimate blend for golf courses as well as parks, cemeteries, home lawns and sports fields where 100% ryegrass is used. All varieties rank very high in their resistance to Grey Leaf Spot as well as their overall turf quality. Their high endophyte levels offer excellent resistance to above ground chewing insects and gives the plants a higher tolerance to stress.

Contains:

Apple SGL, Fastball RGL, Grandslam GLD, Infusion and Wicked Perennial Ryegrass (varieties subject to change)

Applications for Use:

Athletic Fields, Parks, Golf Course Fairways, Home Lawns, Driving Ranges, High Traffic Areas, Nurse Crop and Over-seeding

Seeding Rates:

New Seeding (bare ground): 7 LBS per 1,000 SQ FT
 Over-Seeding (into existing): 4 LBS per 1,000 SQ FT
 Over-Seeding (heavy use): 10 LBS per 1,000 SQ FT

Seeding Dates:

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

Days to Germination:

Perennial Ryegrass- 4-7 Days

Characteristics

Color: Dark Green
Density: Excellent
Shade Tolerance: Fair
Drought Tolerance: Good
Wear Tolerance: Excellent
Mowing Height: Down to 1/2 inch
Leaf Texture: Fine
Spring Greenup: Excellent
Gray Leaf Spot Resistance: Excellent

CERTIFIED SEED

5-Iron™ Perennial Ryegrass Blend Lot # 5IR-19

Interagency Certified

Kind & Variety	Purity	Germ.	Origin	Lot Number
Apple SGL Perennial Ryegrass	20.0%	90%	OR	TBD
Infusion Perennial Ryegrass	20.0%	90%	MN	TBD
Fastball RGL Perennial Ryegrass	20.0%	90%	MN	TBD
Grand Slam GLD Perennial Ryegrass	20.0%	90%	MN	TBD
Wicked Perennial Ryegrass	20.0%	90%	CAN	TBD
Total Pure: 100.0%	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 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.