

# 5 Iron™

Perennial Ryegrass Blend

Featuring Grey Leaf Spot Resistance Varieties

Varieties: [Exacta II](#), [Fiesta 4](#), [Revenge GLX](#), [SR 4600](#) and [Apple GL](#) Perennial Ryegrass (E)\*  
 \*Denotes Endophyte enhanced

### Characteristics

- All varieties have excellent Grey Leaf Spot resistance
- High [NTEP](#) trial scores for turf quality and summer density
- Excellent heat and stress tolerance
- Excellent traffic tolerance
- High endophyte levels (natural insect resistance)

### Seeding Info

#### Seeding Rates:

New Seeding: 7 lbs. per 1,000 sq. ft.

Overseeding: 3 lbs. per 1,000 sq. ft.

Overseeding High Use Area: 10 lbs. per 1,000 sq. ft. at weekly/monthly intervals as needed

Seeding Dates: Spring Seed: March-May Fall Seed: August-October Dormant Seed: December-March  
 Germination Times: 4-7 Days

### Uses

5-Iron Perennial Ryegrass Blend 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, dark green color, seedling vigor and year >round density. 5-Iron performs excellent under drought and high heat conditions as well. Their high endophyte levels offer excellent resistance to above ground chewing insects.



This analysis tag is your guarantee of variety and superior quality

## CERTIFIED SEED

**5-Iron™** Perennial Ryegrass Blend Lot # SIR-11

*Interagency Certified Seed*

Kind & Variety	Purity	Germ.	Origin	Lot Number
Exacta II Perennial Ryegrass	19.60%	90%	OR	M80-9-91
Fiesta 4 Perennial Ryegrass	19.60%	90%	OR	887-52215B
Revenge GLX Perennial Ryegrass	19.60%	90%	OR	M33-9-6B
Apple GL Perennial Ryegrass	19.60%	90%	OR	M6-9-0152B
SR4600 Perennial Ryegrass	19.60%	90%	OR	M47-10-10001

Total Pure: 98.00%    Crop: 0.05%    Inert: 1.94%    Weeds: 0.01%    AMS: 127  
 Net Weight: 50 Lbs 22.68 Kgs    Tested: JAH-11    Excess Noxious Weeds: None

Antelope Brand

**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.

*Components and/or percentage of the above blend may vary*



### *General Seeding Guidelines*

#### **A. SEED TIMING**

- a. Seed from April 15<sup>th</sup> to June 27<sup>th</sup> or*
- b. Dormant Seeding after November 15<sup>th</sup> will germinate the following Spring and requires at least 25% more seed because some will be lost*

#### **B. SITE PREPARATION**

- a. Conduct one soil test per acre to determine soil additives needed*
- b. Ensure soil pH is between 6.0 and 7.0*
- c. Eliminate existing vegetation*
  - i. Spray with non-selective herbicide*
  - ii. Remove dead vegetation through mechanical means*
- d. Add recommended soil amendments, pH adjustment materials, and fertilizer*
- e. Plow and disk area twice or till soil to a 4-6 inch depth*
- f. Remove rocks and debris larger than one inch diameter*
- g. Culti-pack to ensure a firm seedbed*
- h. Apply 1 lb phosphorous (P) (2.27 lbs P<sub>2</sub>O<sub>5</sub>) / 1000 ft<sup>2</sup> to soil surface*

#### **C. SEEDING METHOD**

- a. Seeding method is based on slope and soil at site*
- b. Broadcast-, drop-, slit-, or drill-seed flat areas where erosion is not a concern*
  - i. Seed should be planted 0.125 to 0.25 inches below soil surface*
  - ii. Plant two directions putting ½ of seed down each direction*
  - iii. Gently roll, rake, or culti-pack seeded area to ensure good soil-to-seed contact*
- c. Hydro-seed steep slopes where erosion is a concern*
  - i. When hydro-seeding, broadcast ½ of the seed before hydro-seed mixture is applied and place ½ of the seed in hydro-seed mixture*

#### **D. 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*
  - d. Six weeks after seeding water when plants begin to show draught stress*
- \*Number of times to water per day depends on temperature, humidity, wind, and rainfall*

#### **E. FERTILIZING & MOWING**

- a. Fertilize seeded area with 0.5 lbs nitrogen (N) / 1000 ft<sup>2</sup> 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)*