



Features

- Ideal for use on golf course fairways and tees, sports fields, home lawns, and use as a winter overseed
- Excellent close mowing quality due to upright-growth habit
- Superior Spring green-up
- Excellent traffic stress tolerance
- Fine leaf texture and vivid, dark green color

Benefits

- Upright-growth habit reduced stemminess for dense fine-textured turf under close mowing
- Superior Gray Leaf Spot, Red Thread and Brown Patch resistance result in less fungicide use
- High seed vigor for fast emergence and establishment

Seeding Rates

- Seed per lb: 220,000–250,000
Seed per kg: 484,000–550,000
- New Turf:
7–9 pounds / 1000 sq. ft.
33–45 grams / sq. meter
300–400 pounds / acre
- Winter Overseed Rates:
Golf greens
30 pounds / 1000 sq. ft.
140 grams / sq. meter
Golf fairways and tees
450–700 pounds / acre
- Sports fields and golf roughs
250–450 pounds / acre

Harrier is a new perennial ryegrass that is the end result of years of cooperative research between Seed Research of Oregon and Rutgers University's Center for Turfgrass Science. **Harrier** traces its origins back to 26 clones selected at Rutgers University for improved Gray Leaf Spot resistance, very high turf quality, improved color, early Spring green-up, and an upright-growth habit. Progeny of those clones were sent to Seed Research of Oregon's research facility where further screening was completed for higher seed yield, color, and improved stress and disease resistance in the production environment.



Harrier (experimental designation SRX 4UP3) was bred for its upright-growth habit and less stemminess for improved close mowing quality on golf course fairways. **Harrier** has excellent Gray Leaf Spot resistance along with high resistance to both Brown Patch and Red Thread diseases. **Harrier** has a demonstrated improved Spring green-up coverage which provides a marked advancement over other varieties. These enhancements, along with improved traffic stress tolerance, make **Harrier** adaptable to a variety of turf situations, from Northern climates south through the Transition zone.

Harrier's dark green color and close mowing ability makes it ideal for a variety of professional turf applications. It blends well with other perennial ryegrasses for golf course fairways, sports fields, sod production and home lawns. It also mixes well with Kentucky bluegrass and fine fescues. When blended with other perennial ryegrasses or mixed with *Poa trivialis* or fine fescue **Harrier** makes an ideal Winter overseed on permanent bermudagrass turf.

Establishment

- Emergence: 3-7 days under ideal conditions
- First mowing: 14 days after emergence
- First limited use: 3 weeks after emergence

Distributor:



Phone: 541-757-2663 (toll free: 800-253-5766)
Fax: 541-758-5305 • www.sroseed.com



2004 National Perennial Ryegrass Test
Gray Leaf Spot Rating of Perennial Tyegrass Cultivars – Mean from 2 locations
2005 Data

Gray Leaf Spot Ratings 1-9; 9=No Disease

Variety	Mean	Manhattan 5 GLR	8.3	Homerun	7.3	Premier	3.3
Fiesta 4	9.0	Charismatic II	8.2	Beuena Vista	7.2	<i>LSD Value</i>	<i>1.1</i>
SR 4600	8.8	Secretariat II GL SR	8.0	Keystone 2	6.8		
Harrier	8.5	Regal 5	7.8	Silver Dollar	6.5		
Derby Xtreme	8.3	Revenge GLX	7.7	Panther	5.0		

2004 Perennial Ryegrass Test
Percent Living Ground Cover Spring Ratings
2005 Data

Percent Living Ground Cover in Spring; 100=Best Coverage

Variety	Mean	Protege GLR	96.5	Citation Fore	84.5	Top Gun II	65.3
Dart	97.7	Fiesta 4	95.2	Pizzazz	71.2	Panther	59.0
Harrier	97.2	Secretariat II GLSR	93.7	Brightstar SLT	68.7	<i>LSD Value</i>	<i>7.0</i>
SR 4600	97.2	Regal 5	89.5	Palmer III	67.8		

2004 National Perennial Ryegrass Test
Mean Turfgrass Quality and Other Ratings, Grown under Traffic Stress at Ithaca, NY
2005 Data

Turfgrass Quality and Other Ratings: 1-9; 9=Best

Variety	Mean	SR 4600	7.2	Regal 5	7.0	Revenge GLX	6.7
Harrier	7.3	Brightstar SLT	7.2	Pizzazz	6.9	Exacta II GLSR	6.3
Dart	7.3	Manhattan 5 GLR	7.2	Charismatic II GLSR	6.8	Linn	5.1
Fusion	7.3	Premier II	7.1	Panther	6.8	<i>LSD Value</i>	<i>1.7</i>

2004 National Perennial Ryegrass Test
Leaf Texture Rating of Perennial Ryegrass Cultivars; Mean of 5 Locations
2005 Data

Leaf Texture Ratings: 1-9; 9=Very Fine

Variety	Mean	Exacta II GLSR	7.7	Stellar GLR	7.5	Panther	6.8
Harrier	7.7	SR 4600	7.6	Regal 5	7.0	Premier	6.5
Fiesta 4	7.7	Revenge GLX	7.6	Pizzazz	6.9	<i>LSD Value</i>	<i>0.3</i>
Derby Xtreme	7.7	Secretariat II GLSR	7.5	Charismatic II GLSR	6.8		

To determine whether a cultivar's performance is different from another, subtract one entry's mean from another entry's mean. If this value is larger than the LSD value, the observed difference in cultivar performance is significant and did not happen by chance. Complete tables are available upon request.