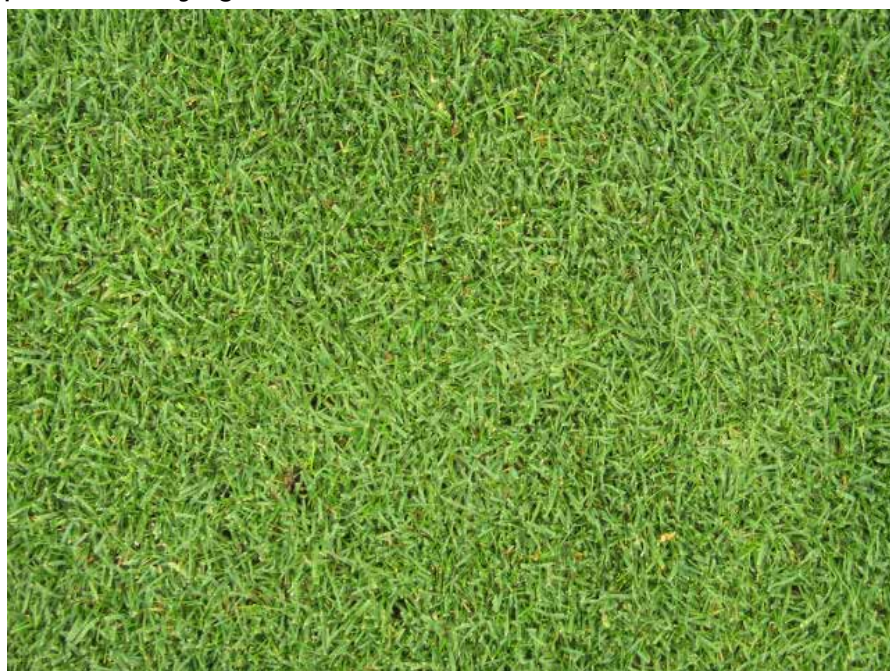




Lolium perenne

Growing a better tomorrow, today...

Integra perennial ryegrass is a consistent top performer that has demonstrated improved resistance to Grey Leaf Spot. **Integra** displays more resistance to heat, drought, and wear tolerance than many other perennial ryegrasses.



Performance of Perennial Ryegrass Cultivars and selections in a turf trial established in August 2001 at Adelphia, NJ.

Table 2 Turf Quality

Cultivar	2002-2004 Average	2002 Average	2003 Average	2004 Average
1GH Comp	6.3	6.9	6.2	5.9
Integra	5.0	5.4	4.8	4.8
Amazing	4.9	5.0	4.8	4.7
Brightstar II	4.2	4.0	4.2	4.4
Premier II	3.8	3.7	3.9	3.8
Manhattan	2.1	2.2	2.1	2.0
LSD at 5% =	0.6	0.6	0.8	0.8

2004 Rutgers Turfgrass Proceedings
<http://turf.rutgers.edu/>

TYPE:

Elite Turf Type Perennial Ryegrass
 Experimental Designation - FPT

FEATURES:

- Improved resistance to Grey Leaf Spot
- Excellent spring green-up
- Holds up well under summer heat and drought
- Fine leaf texture, superior lush, green color
- Improved insect resistance
- Remarkable wear tolerance
- Superior year-round density
- Good winter color retention
- Performs well in a variety of climates and maintenance conditions

BENEFITS:

- Improved Disease resistance reduces the need and cost of fungicide applications
- Early green and tolerance of summer stresses lead to a remarkably welcome green turfgrass
- Cold weather color retention converts to year round green turfgrass

RECOMMENDED USE:

- Golf Courses
- Parks
- Home Lawns
- Athletic Fields
- Overseeding Warm Season Turfgrasses



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Performance of Perennial Ryegrass Cultivars and selections in a turf trial established in August 2001 at Adelphia, NJ

Table 9

Cultivar	Gray Leaf Spot		
	9=Least Amount of Disease		
	2001 Avg.	9/27/2001	9/29/2001
1G2 comp	7.5	7.3	7.7
Integra	6.0	6.7	5.3
Pinnacle III	5.0	5.3	4.7
Allstar 2	4.8	5.3	4.3
Brightstar II	4.3	4.3	4.3
Amazing	4.2	4.0	4.3
Calypso II	3.7	3.7	3.7
Churchill	3.0	3.3	2.7
Admire	1.5	1.3	1.7
LSD @ 5% =	1.4	1.5	1.4

Performance of Perennial Ryegrass Cultivars and selections in a turf trial established in August 1998 at Adelphia, NJ.

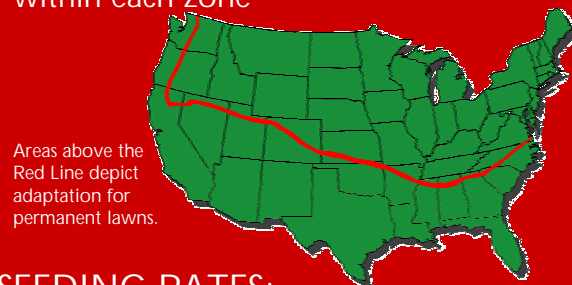
Table 1

Cultivar	Turf Quality			
	9=Best Turf Quality			
	1999-2001 Average	1999 Average	2000 Average	2001 Average
Allstar 2	6.4	6.9	6.3	6.0
Integra	5.7	5.9	6.0	5.2
Churchill	5.2	5.6	5.0	5.0
Brightstar II	5.1	5.1	5.1	5.0
Pleasure XL	4.7	4.7	4.9	4.5
Caddieshack	4.3	4.3	4.2	4.3
Nui	1.1	1.1	1.0	1.2
LSD at 5% =	0.5	0.6	0.7	0.7

2001 Rutgers Turfgrass Proceedings
<http://turf.rutgers.edu/>

OPTIMAL ADAPTATION AREAS:

Climatic Zones: 2,3,4,5,6,7,8,9,10
 may not be adaptable to all areas
 within each zone



SEEDING RATES:

Permanent Turf, Athletic Fields, Home Lawns, Fairways and Roughs
 (Overseeding) 5-10 lbs/1000 sq. ft.
 (2-5 kgs/100 sq meters)

Greens (For Overseeding)
 25-35 lbs/1000 sq ft (11-15 kgs/100 sq meters)

Tees (Overseeding) 15-20 lbs/1000 sq ft
 (6 ½ - 9 kgs/100 sq meters)

ESTABLISHMENT:

Lime soil to 6.0 – 7.0 pH and follow soil test recommendations for fertilization. Under ideal conditions, germination begins in 6 days. Full germination may take up to 14 days.

MAINTENANCE:

Subject to germination rate, first mowing may begin at 21 days after sowing.

PENNINGTON SEED INC.

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