



Growing a better tomorrow, today...



Lolium perenne bred by NexGen Research LLC

Integra II is your perennial ryegrass for increased wear tolerance with amazing Grey Leaf Spot & Dollar Spot resistance. The color of this turfgrass is exceptional too.



Lightbox Photography courtesy of the NexGen Research, LLC

Cooperative Turfgrass Breeders Test (CTBT)  
2004 Perennial Ryegrass Trial

Rolesville, NC 2006 Data

Cultivar	Avg. Turf Quality 2006	Avg. Turf Quality 2006 Rank
APR1675Applaud II (APR1665)	5.70	1
<b>Integra II (APR1659)</b>	<b>5.17</b>	<b>6</b>
PantherGLS (APR1662)	4.77	9
Repell GLS (APR1669)	4.20	18
Prelude GLS (APR1619)	3.97	24
Top Hat II	3.93	25
IS-PR 264	1.10	44
LSD Value	1.04	

These examples represent a few of the varieties tested in the Cooperative Turfgrass Breeders Test 2006 Data from the 2004 Perennial Ryegrass Trial  
For complete trial data, go to [www.ctbt-us.info](http://www.ctbt-us.info)

**TYPE:**

Elite Perennial Ryegrass bred for improved wear tolerance & disease resistance  
Experimental Designation – APR 1659

**FEATURES:**

- Extraordinary Grey Leaf Spot resistance
- Exceptional Dollar Spot resistance
- Summit Ranking in Wear Tolerance
- Effervescent Green Color

**BENEFITS:**

- Savings realized due to less fungicide applications
- Reduced fertilizer required to achieve the desired dark green color
- Increased turfgrass coverage during the heat of the summer

**RECOMMENDED USE:**

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



Growing a better tomorrow, today...



Lolium perenne bred by NexGen Research LLC

Integra II is your perennial ryegrass for increased wear tolerance with amazing Grey Leaf Spot & Dollar Spot resistance. The color of this turfgrass is exceptional too.

CTBT 2004 Perennial Ryegrass Trial  
Salem, NJ 2005 Data

Cultivar	Gray Leaf Spot	Gray Leaf Spot Rank	Turf Quality (Average)
APR 1797	8.67	1	5.67
<b>Integra II (APR1659)</b>	<b>8.00</b>	<b>4</b>	<b>4.93</b>
Paragon GLR	7.33	10	4.87
Citation 4	3.33	43	4.33
Applaud	2.00	61	3.83
Hawkeye	1.00	69	3.17
LSD Value	1.05		0.63

CTBT 2004 Perennial Ryegrass Trial

New Brunswick, NJ 2006 Data

Cultivar	Avg. Wear 2005-2006	Avg. Wear Rank 2005-2006	Avg. Turf Quality 2005-2006
Golden Hawk (APR1668)	5.43	8	6.37
<b>Integra II (APR1659)</b>	<b>5.70</b>	<b>3</b>	<b>6.13</b>
Repell GLS (APR1669)	5.10	14	5.80
Prelude GLS (APR1619)	3.77	31	5.40
Top Hat II	4.03	30	3.70
Promise	2.27	45	2.03
LSD Value	0.91		0.61

These examples represent a few of the varieties tested in the Cooperative Turfgrass Breeders Test 2006 Data from the 2004 Perennial Ryegrass Trial  
For complete trial data, go to [www.ctbt-us.info](http://www.ctbt-us.info)

### OPTIMAL ADAPTATION AREAS:

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

Areas above the Red Line depict adaptation for permanent lawns.



### 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 1/2 - 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.**

1280 Atlanta Hwy  
Madison, Georgia 30650

1-800-277-1412

[www.penningtonseed.com](http://www.penningtonseed.com)