



## Features

- Ideal for golf, sports turf and general landscape applications
- Extremely dark green color, even with reduced fertilizer
- High turf quality with a fine leaf texture & reduced steminess
- Long term persistence – excellent cold and hot weather performance
- High Crown Rust resistance
- Very high seedling salt tolerance
- Increased wear and drought tolerance

## Benefits

- Excellent resistance to Red Thread, Snow Mold, and Brown Patch
- Reliable performance in both Northern and Southern applications
- Very dark green, dense fine textured turf for all applications
- Excellent Winter color and density when overseeded into dormant bermudagrass
- Early Spring green-up in Northern climates
- Very high Spring, Summer & Fall density

## Seeding Rates

- New Turf: 7-9 pounds per 1,000 square feet, or 300-400 pounds per acre
- Winter Overseed Rate:  
30 pounds per 1,000 square feet for golf greens  
250-450 pounds per acre for golf roughs and sports fields  
450-700 pounds per acre for golf fairways and tees
- Seeds per pound:  
Approximately 220,000 – 250,000

**Hawkeye Perennial Ryegrass** is one of the darkest green perennial ryegrass varieties available today. **Hawkeye** was developed specifically for its excellent Winter color in the South and increased resistance to Red Thread, Brown Patch, and Snow Mold in the North. Endophyte levels remain high to insure improved insect resistance.

## History

**Hawkeye** was developed from a research project aimed at inoculation of ryegrass plants with Red Thread disease. Over 17,000 mown spaced plants were established at Rutgers University based on their attractive appearance. These were inoculated with Red Thread and 37 plants were selected based on superior resistance and the retention of a dark green color in the absence of fertilizer. Seed was harvested from 29 of these plants and sent to Seed Research of Oregon (SRO). Further selection and development as SRX 4RHT continued, with additional turf quality and disease selections at SRO, before the variety was officially released as **Hawkeye**.



## Application

Superior dark green color makes **Hawkeye** the ideal choice for a variety of turf applications. **Hawkeye** has shown superior wear resistance and recovery, making it perfect for sports fields. Blend **Hawkeye** with other perennial ryegrasses for sod production or golf course fairways. It also can be mixed with Kentucky bluegrasses and fine fescues for home lawns and commercial sites.

In blends with other perennial ryegrasses or mixed with *Poa trivialis* or fine fescues, its dark green color and high disease resistance make **Hawkeye** ideal for overseeding dormant bermuda turf in the South.

## Establishment

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



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**2000 NTEP National Perennial Ryegrass Trial  
Spring Green-up Ratings – 2001 Data**

*Turfgrass Quality Rating: 1-9; 9=Completely Green*

Variety	Mean	Buccaneer	5.1	Catalina II	5.0	Linn	4.5
Promise	5.7	Edge	5.1	Phantom	4.9	<i>LSD Value</i>	0.4
<b>Hawkeye</b>	<b>5.6</b>	Majesty	5.1	Premier	4.8		
<b>SR 4420</b>	<b>5.4</b>	Passport	5.1	Line Drive	4.6		
<b>SR 4220</b>	<b>5.2</b>	Brightstar II	5.0	Skyhawk	4.6		

**2000 NTEP National Perennial Ryegrass Trial  
Red Thread Ratings – 2001 Data**

*Disease Rating: 1-9; 9=No Disease*

Variety	Mean	Kokomo	5.7	Manhattan 4	5.3	Paradigm	3.7
Applaud	6.3	Radiant	5.7	Buccaneer	5.0	<i>LSD Value</i>	1.2
Gator 3	6.3	<b>SR 4220</b>	<b>5.3</b>	Palmer III	5.0		
<b>SR 4420</b>	<b>6.0</b>	Cabo	5.3	Charger II	4.7		
<b>Hawkeye</b>	<b>5.7</b>	Pizzazz	5.3	Panther	4.7		

**2000 NTEP National Perennial Ryegrass Trial  
Genetic Color Ratings – 2001 Data**

*Turfgrass Quality Rating: 1-9; 9=Dark Green*

Variety	Mean	<b>SR 4220</b>	<b>6.9</b>	Paragon	6.6	Charger II	6.1
Radiant	7.4	<b>SR 4420</b>	<b>6.8</b>	Affirmed	6.3	Linn	4.3
<b>Hawkeye</b>	<b>7.1</b>	Pennant II	6.7	Racer	6.2	<i>LSD Value</i>	0.2

**Regional Perennial Ryegrass Trial (May & Sept. 2000 & 2001 in Puyallup, WA)**

**Wear Tolerance Rating**

*Turfgrass Quality Rating: 1-9; 9=Maximum Density  
Color Rating: 1-9; 9=Dark Green*

Variety	Mean	Recovery time in weeks			Color	Variety	Mean	Recovery time in weeks			Color
		0	2	4				0	2	4	
<b>Hawkeye</b>	<b>5.7</b>	<b>5.5</b>	<b>6.0</b>	<b>5.7</b>	<b>7.7</b>	Inspire	5.1	4.5	5.2	5.5	7.7
Catalina II	5.4	5.3	5.5	5.3	7.3	Edge	4.9	4.7	4.8	5.3	7.0
Gator 3	5.4	4.7	5.5	6.0	7.7	Pacesetter	4.8	4.3	5.0	5.0	8.0
<b>SR 4420</b>	<b>5.3</b>	<b>4.8</b>	<b>5.2</b>	<b>5.8</b>	<b>8.0</b>	Linn	2.9	2.7	3.0	3.2	5.0
<b>SR 4220</b>	<b>5.2</b>	<b>5.2</b>	<b>5.3</b>	<b>5.2</b>	<b>7.0</b>	<i>LSD</i>	<i>0.6</i>	<i>0.8</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>
Line Drive	5.1	4.8	4.8	5.5	7.3						

*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.*