



Applications

- Tees, fairways, roughs
- Sport Fields, parks, home lawns
- Warm season, cool season

Premier III Advantage

Premier III is a well-rounded grass that is quick to establish thanks to its strong seedling vigor.

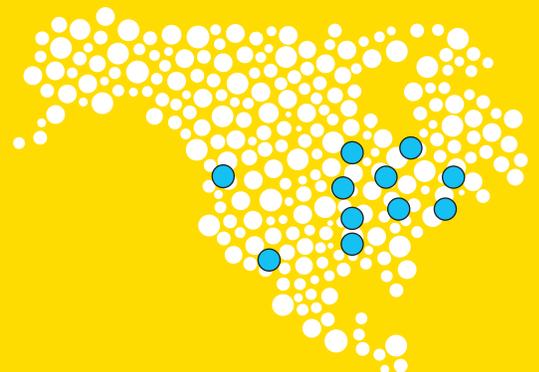
Premier III turf-type perennial ryegrass is a versatile grass with excellent dark green color, quick spring green-up, and a very fine leaf blade. It forms a dense turf and displays great adaptability to a wide range of soil conditions. Premier III consistently rated in the top statistical group in the 2010 NTEP Perennial Ryegrass Test for seedling vigor, density, turf quality, percent living cover, spring green up, disease resistance, and low mowing quality.

Top Statistical Group for "Mean Turf Quality"

Premier III scored in the top statistical group for "mean turf quality" under four NTEP analytical location groups.

Locations Include:

- Urbana, IL
- Blacksburg, VA
- East Lansing, MI
- Amherst, MA
- Mead, NE
- Columbia, MO
- Corvallis, OR
- Riverside, CA
- Ames, IA
- Adelphia, NJ
- St. Paul, MN



Plant Characteristics

Premier III exhibits a beautiful dark green color and displays strong winter color in temperate climates. It is also one of the earliest perennials to green-up in the Spring. Premier III is ideally suited as a fall over-seed for warm-season turf, but it is equipped to perform in many perennial ryegrass uses and areas with a broad range of adaptability.

Seeding and Maintenance Instructions

Seeding Rate	lbs/1,000 sq. ft.	lbs/acre
Warm-Overseed (greens)	30-35	—
Warm-Overseed (general)	10-20	435-870
Cool-interseed	4-5	175-220
Cool-permanent turf	8-10	350-435

Germination & Establishment

Keep seedbed moist to enhance germination. Under ideal conditions, germination should begin within 3 to 7 days and be complete within 15 days. The stand will be well established in 21 to 28 days.

Fertilization

For optimum results apply 0.5 to 0.75 pounds of nitrogen (N) per 1,000 sq. ft. per application during the growing seasons. Over the course of a year the plant will require 3 to 6 pounds of N, depending on environmental variability and specific turfgrass use.

Irrigation

Perennial ryegrass is a traditionally drought susceptible species. To avoid crown dehydration the plant should be irrigated frequently with lighter applications of water. In more disease prone areas deeper, more infrequent irrigation can be performed, but care should be taken to limit days without irrigation during dry conditions. Depending on seasonal evapotranspiration and precipitation rates, this plant should receive anywhere from 0.75 to 1.25 inches of water per week.

Mowing

This variety performs best when mowed between 1.5 to 2 inches but will tolerate mowing at 0.5 inch under high maintenance conditions. Under such conditions (0.5 inch,) scheduled interseeding events should be considered. Do not remove more than 1/3 of the total plant height during each mowing event.

Trial Data

Percent Living Color*

	Spring	Summer	Fall
Parkside	94.2	94.3	87.7
Pinnacle III	91.8	91.3	83
Premier III	89.3	92.9	79.4
Sienna	84.8	84.2	71.7
Hancock	84.3	88.5	70.5
Grand Slam GLD	80.2	94.7	78.4
LSD (0.05)	8.5	11.9	16.7

*Top performing group in bold

Red Thread Resistance*

Benchmark	6.3
Premier III	6.2
Pillar	6.0
Manhattan 6 GLR	4.5
SR 4650	4.0
Seductive	3.8

LSD (1.7)

*Top performing group in bold

Dollar Spot Resistance*

CS-PR66	6.7
Parkside	5.7
Premier III	5.0
Brightstar SLT	4.3
Fiesta 4	3.7
JR-178	2.7

LSD (1.7)

*Top performing group in bold

Comparisons between varieties from 2010 Perennial Ryegrass NTEP final report data. Tables contain highest and lowest performers for given trial, a select number of entries, and Premier III.