

# Pinnacle III

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## Perennial Ryegrass

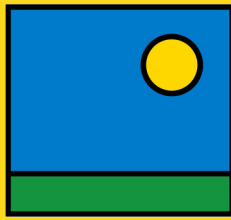


A third generation Pinnacle cultivar, Pinnacle III exhibits high endophyte, excellent dark green color, very early spring green-up, and strong overall disease resistance. Adding strong traffic tolerance and Gray Leaf Spot resistance, Pinnacle III is a perfect companion when paired with Barenbrug's Regenerating Perennial Ryegrasses in Turf Star RPR. Providing color and turf quality, Pinnacle II also mixes with Kentucky bluegrass, fine fescue, and other perennial ryegrass.

### WHY PINNACLE III?

- Excellent NTEP traffic tolerance performance
- Ideal when paired with RPR as Turf Star RPR
- Very strong overall disease resistance, including Gray Leaf Spot
- Excellent mowing quality down to fairway cutting height
- Excellent turf quality:
  - Dark green color
  - Fine leaf texture
  - Low, compact growth habit
  - Excellent density and uniformity

The top of YOUR performance



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### SEEDING AND MAINTENANCE INSTRUCTIONS

- ▶ **SEEDING RATE:**
  - ▶ New Turf: 6-8 lbs / 1000 sq. ft.
  - ▶ Existing Turf: For repair of damaged or thinning turf, 4-6 lbs per 1000 sq. ft.
- ▶ **TEMPERATURE:** Soil temperature at seeding should be a minimum of 50-55 with 60-70 degrees optimum.
- ▶ **Overseeding Bermuda:** 10-15 lbs per 1000 sq. ft. (Verify that the seed has adequate soil contact. Bare spots should be seeded at new turf rate.)
- ▶ **TEMPERATURE:** Soil temperatures should be above 65°F (18° C). Optimum soil temperature for germination and root growth is 75° to 80° F (24° to 27° C).
- ▶ **PLANTING:** Plant in spring and summer, in full sun areas, on well-drained soil. A seedbed should be prepared with 6 inches of loose soil and .5 inch of fine topsoil. Seed can be applied with a broadcast spreader, seeder, hydroseeder or by hand. Care must be taken not to cover the seed with more than 1/4 inch of topsoil.
- ▶ **GERMINATION & ESTABLISHMENT:** Keep seedbed moist to enhance germination. Under ideal conditions, germination will begin within 8 to 12 days and should be complete within 18 days. Full establishment should occur in 4 to 6 weeks. Establishment time may vary if planting date occurred early or late in the planting season.
- ▶ **FERTILIZATION:** For optimum results, perennial rye should receive 3-4 lbs of actual N per growing season. Best applied spring and fall, with summer apps best avoided.
- ▶ **MOWING:** First mowing should occur approximately 3 weeks after seeding. Depending upon climate and site use, mowing heights may range from fairway cutting height to 3".

### NTEP PR TRIAL: 2011-2014 DATA

#### WEAR TOLERANCE - WI

PREMIUM	5.6
<b>PINNACLE III</b>	<b>5.3</b>
KARMA	5.2
PLAYOFF 2	5.1
MANHATTAN	4.9
LSD (0.05)1.0	

#### TURFGRASS QUALITY IN 3 LOCATIONS TRANSITION ZONE

UNO	5.8
<b>PINNACLE III</b>	<b>5.6</b>
MANHATTAN 6 GLR	5.5
PROMINENT	5.1
MACH I	4.8
LSD (0.05)0.5	

#### OVERSEEDING WITH GRAY LEAF SPOT RESISTANCE COLLEGE PARK, MD

APPLE SGL	8.7
SIDEWAYS	8.3
<b>PINNACLE III</b>	<b>7.7</b>
SALINAS II	6.7
INSIGHT	4.3
SIENNA	3.7
LSD (0.05)2.0	

#### DROUGHT TOLERANCE RECOVERY - WA

PIAZZ 2 GLR	7.0
<b>PINNACLE III</b>	<b>6.7</b>
SIENNA	6.0
EVOLVE	5.3
OCTANE	5.0
LSD (0.05)2.0	