

Features

- **High wear tolerance** – good for high-traffic areas
- **Very good resistance to Red Thread, Rust, Snow Mold and Gray Leaf Spot** – resilient
- **Denser, finer texture** – attractive and functional
- **Dark green color** – attractive and mixes well with other perennial ryegrasses, fine fescues,

Benefits

- **Dark Color** – overall #1 for Genetic Color Ratings in 2002 NTEP results
- **High Turfgrass Quality** – overall #1 variety for Mean Turfgrass Quality in 2000 NTEP results
- **Strong Disease Resistance** – tied for 3rd in Dollar Spot Ratings in 2002 NTEP results
- **Fine Leaf Texture** – above 80th percentile of 134 varieties in 2002 NTEP results

Seeding Rates

- **Cool Season:** 5 to 7 pounds per 1,000 sq. ft. is recommended for perennial turf.
- **Overseeding rate of dormant golf greens in the south:** 20 to 40 pounds per 1,000 sq. ft.

Mach I Perennial Ryegrass continues to have excellent performance in the NTEP Trials. **Mach I** consistently outpaces other leading varieties. Its resistance to Red Thread, Rust, and Snow Mold is excellent, and it exhibits good resistance to Gray Leaf Spot. This versatile, dark green variety also tolerates closer mowing with excellent density retention, and recuperates quickly from traffic and summer stresses.



Adaptation

Mach I is a great choice for northern perennial turf areas and southern overseeding regions. It is ideally suited to a soil pH of around 6.5 to 7.0; however, it will tolerate a pH range from about 5.0 to 8.0. The variety grows best on fertile, well drained loamy soils, but will tolerate clay and sandy soils as well as poorly drained, wet soils.

Usage

Mach I is highly recommended for use on athletic fields, playgrounds, parks, golf courses, home lawns, and all other areas where a fast starting, attractive turf is desired. **Mach I** is very compatible with other cool season turfgrasses like fine fescue and Kentucky bluegrass in turfgrass blends and mixtures.

Maintenance

With proper management and irrigation, **Mach I** can be seeded anytime during the growing season. However, for most situations, the later summer to mid fall or early to mid spring time periods are best. For most situations, **Mach I** does best when fertilized with about 1/2 to 1 lb. of actual nitrogen per 1,000 sq. ft. per month of growing season. A complete fertilizer supplying adequate amounts of phosphorus, potassium, sulfur, and minor elements is generally best. For perennial turf, **Mach I** can tolerate mowing heights down to 1/2 inch or even less in some situations. As an overseeding grass, **Mach I** can be cut at putting green heights

Characteristics

- Year introduced: 2000
- Seed Count: NA
- Growth habit: Bunch Type
- Root depth: 12 inch plus
- Mowing height: 1-2 inches
- Shade tolerance: Good
- Drought tolerance: Good
- Cold tolerance: Good
- Traffic tolerance: Excellent

Establishment

- Emergence: 5-10 days under ideal conditions
- First Mowing: 3-4 weeks after emergence

Distributor: