

PRIME/Par 3

Certified Plus Blend



Prime Fine-Leaf Perennial Ryegrass Blend

At least three superior, fine textured ryegrasses
100% fine-leaf perennial ryegrass formulation of varieties highly rated by ISU
Improved disease and insect resistance
Endophyte-enhanced for even more natural insect resistance
Intended for use on extremely high traffic areas
Intended for use on compacted soils
Broad genetic base is adaptable to a range of environmental conditions
Formulation is particularly fast establishing
Provides a quality turf over a broad geographic region
Remains dark green, dense, and clean mowing throughout the growing season

RECOMMENDED USE

Prime is designed as a “problem solver” for heavily trafficked areas. It is intended as an over seeding formula for the athletic fields, golf course tees and fairways, playgrounds, footpaths, and other worn areas. It establishes a durable turf on heavily compacted soils. The rapid establishment rate is particularly effective when used to combat *Poa Annua* Infestations; it may be seeded either spring or fall to provide a high degree of control. This is also a useful formulation for summer seeding on thin, sandy soils or where irrigation water is minimal. The rapid establishing, aggressive seedlings are highly competitive against annual weed grasses and provide stability to soils prone to erosion.



RECOMMENDED MAINTENANCE

This blend should be considered a high maintenance formula where traffic tolerance is a primary concern. For use in *Poa Annua* control programs, it may be maintained with two seasonal fertilization. Maximum stands on compacted soils will be achieved through the use of a slicer/seeder or seeding after core aeration and dragmatting, to provide sufficient seed-to-soil contact. The turf may be maintained down to 3/4 inch mowing height with excellent retention of density and aggressiveness.



2302 SE Creekview Ste #6
Ankeny IA 50021

(515)965-4425
(515)965-4427 fax
(800)810-1618 watts

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Prime Perennial Ryegrass Blend

Contains mixture of 1/3 each of the elite varieties Palmer III, Pennant II and Prelude IV perennial ryegrasses by weight. This 3-Way blend of fine leaf, turf type perennial ryegrass stands up to intense traffic pressure. Perfect where quick germination and establishment are needed. Prime perennial ryegrass represents the best genetics available in the turf industry and is exclusively distributed by Des Moines Forage & Turf Seed. These varieties exhibit improved turf quality, tolerance to low mowing heights, improved spring, summer and fall density; deep green turf color, improved heat and disease resistance and high levels of viable endophyte for improved persistence and abiotic and biotic stress tolerance. Prime perennial ryegrass is great for heavy wear areas on athletic fields, commercial sites and home lawns.

Features:

- Genetic diversity of adaptation across range of environments
- Strong seedling vigor for quick weed free stand establishment
- Rich, dark green, fine texture to create elegant turf
- Improved winter, summer and fall turf density
- Dwarf to semi-dwarf growth habit
- Improved full season disease resistance
- Good heat and drought tolerance
- >90% endophyte enhancement *Neotyphodium lolii*
- Top NTEP performance across multiple environments & management practices
- Recommended for permanent turf in Mid-Atlantic and US transition zone
- used extensively in winter overseeding programs in southern US

Benefits:

- Improved traffic tolerance
- Elegant, uniform and distinct turf appearance
- Strong seedling vigor for fast establishment
- Less mowing due to short decumbent growth
- Reduced nitrogen requirement (genetically dark green)
- Fewer fungicides & more environmentally sensitive
- Improved summer performance for safe lawn surface
- Great in full sun or partial shade
- Resistance to above ground insects
- Reliable performance under abiotic & biotic stress
- Reduce leaf shredding

Uses:

Prime perennial ryegrass is specially formulated for permanent turfgrass blends and mixtures for home lawns, parks, golf course and landscaped areas. Prime perennial ryegrass is a genetically diverse wear tolerant blend that stands alone, or mixes well with improved Kentucky bluegrass, chewing fescue, strong and hard fescue, colonial bentgrass and turf-type tall fescue. Prime perennial ryegrass is also used extensively in winter overseeding programs on greens, tees and fairways either alone or in species mixtures.

Prime Perennial Ryegrass Blend

Establishment and Maintenance:

When establishing new turf Prime perennial ryegrass should be seeded at 6-8 lbs. Per 1000 ft². Sow in spring or fall when soil temperatures are 60°F or higher. Seed should be drilled or broadcast, should be lightly covered with weed free mulch or clean sand or soil, rolled to firm up the soil and planted no deeper than ¼ inch. Irrigate and keep the soil moist continually until seedlings have greater than three leaf stage. Under optimal growing conditions germination can be expected in 7-10 days. Attractive turf color should be observed in 11-15 days with the first rotary mowing on day 15 post establishment. Limited use of the seeded area can be expected in 28 days. In northern and transitional areas of the US the recommended cutting heights are 1” to 2”.

Renovating Old Turf:

Prime perennial ryegrass is an excellent choice to renovate old turf areas with or without the use of Roundup® herbicide to kill the old turf prior to seeding. Seed at 4-5 lbs. Per 1000 ft² for slice seeding and interseeding of existing lawns and commercial sites. If there are many undesirable grasses in the old turf area it is best to spray Roundup® at the manufacturers recommended rate prior to seeding. The seed should be planted by using a slit seeder or a dethatching machine to incorporate the seed in the soil below the thatch level. If there is more than ¾” of thatch, dethatching should be done prior to the spreading of seed.

Weed Control:

(From NCSU Pest Control Recommendations for Turfgrass Managers, 2003.) In established turf for post-emergent broadleaf control 2, 4-D and dicamba (Banvel). Spring pre-emergent control DCPA or bensulide (Dacthal). Pre-emergent crabgrass and goosegrass control on established Prime perennial ryegrass with pendimethalin (Pre-M), prodiamine (Barracade), oxadazone-benflin, oryzalin (Surflan), benflin (Balan), siduron (Tupersan), dithiopyr (Dimension).

*All reference to pesticides, herbicides and fungicides whether a generic or named product is for general informational purposes only. Text reference is not intended as an endorsement nor does omission imply criticism. Always read and follow labeled instructions.