

SPARK

Turf Type Perennial Ryegrass

Lolium perenne

DESCRIPTION

SPARK is a new and improved turf type perennial ryegrass selected for turf quality and gray leafspot tolerance and is best suited for use on the heavy use sports fields, as well as on the golf course and for lawn uses that demand turf quality as well as disease and traffic performance. SPARK's color and texture blend well with other cool-season grasses, and SPARK's ability to tolerate a low height of cut make it an excellent companion in seed blends mixtures used for establishing professional turf as well as over-seeding both cool and warm season grasses.

Exp. No. CT-4

APPLICATIONS

SPARK Perennial Ryegrass is the result of selection for turf quality and gray leafspot tolerance. Use ryegrass blends, and in mixtures with other cool season species including low cut Kentucky bluegrass on golf course fairways, tees, and roughs, sports turf, and lawn and landscape applications.

GEOGRAPHICAL ADAPTATION

Adapted to the cool season zone and transition zone as well as irrigated arid regions. Gallop is also well suited for over-seeding of bermudagrass in warm season regions.

SEEDS PER POUND

~250,000

	Turf Quality	Genetic Color	Density	Leaf Spot
	2014	2014	2014	2014
Spark	6.2	5.3	6.7	6.8
Gator 3	5.2	6.7	5.3	5.0
Palmer III	4.6	5.0	5.3	4.0
Buccaneer	2.9	2.7	2.9	3.2
LSD (.05)	0.6	1.1	0.8	0.9
CV (%)	6.6	11.4	8.5	10.0

FEATURES & BENEFITS

- Improved GLS Performance
- Ideal in areas where fast establishment and wear tolerance are key issues
- Very good traffic tolerance
- Excellent year-round turf density Excellent turf quality
- Improved Disease Resistance

PRODUCTION AREAS

Oregon, Upper Midwest

RATE*

Overseeding (warm season) 15+ lbs./1,000 ft².

Overseeding (cool season) 5-7 lbs./1,000 ft².

New Seeding (cool season) 8-10 lbs./1,000 ft².

*local conditions vary and dictate rates



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Gray Leaf Spot Disease on Perennial Ryegrass

Seeded September 2015. Adelphi, NJ.

Cultivar	Gray Leaf Spot
experimental entry	8.7
SPARK	8.0
Evolution	7.7
INTENSE	7.3
Benchmark	6.7
Defender	5.7
Manhattan 5 GLR	5.0
Primary	4.7
Estelle	4.3
Tailgaiter	4.3
Silver Dollar	4.0
Cascadia	3.7
Citation Fore	3.0
Play Fast	2.7
Prominent	2.7
Presidio	2.3
Divine	2.3
LSD at 5%	1.4

Reference: 2015 Rutgers Turfgrass Proceedings, Table 5. Performance of perennial ryegrass cultivars and selections in a turf trial. Pgs 144-146. Highest and lowest entries shown, along with representative ratings of commercial entries.



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