

Technical Data



BENEFITS

- Highest Rated Gray Leaf Spot Resistance
- Resistance to Brown Patch, Pythium, and Pink Snow Mold
- Aggressive Tillering
- Excellent Turf Quality in All Applications

KARMA

PERENNIAL RYEGRASS

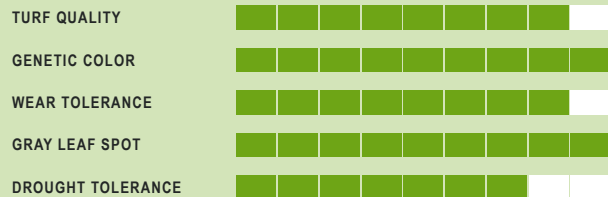
Karma Perennial Ryegrass (PICK 10401) Has superior Gray Leaf Spot resistance and demonstrated excellent germination. It was the highest rated perennial ryegrass for gray spot resistance in 2 NTEPs. It has demonstrated superior germination, establishment and growth in areas with severe summer stress. In the NTEP trials to date, it is a top performer under all maintenance situations and was selected as a control in the next NTEP due to superior performance. Karma can be used to repair turf during a Gray Leaf Spot epidemic.

PLANTING & MAINTENANCE

SEEDING RATE6-9 LBS PER 1000FT²
 GERMINATION7-10 DAYS
 MOWING FREQUENCY.....1-5 TIMES PER WEEK
 NITROGEN REQUIRED.....MED
 ENDOPHYTE ENHANCED.....YES

RATINGS

Poor-----Excellent



NTEP 2011-2014 TURF QUALITY 1-9, 9=Best

Pangea GLR	6.0
Karma	5.9
Wicked	5.9
Palmer V	5.7
Fiesta 4	5.6
Pinnacle III	5.5
Sienna	5.3
Prominent	5.2
LSD	0.4

NTEP 2011-2014 GRAY LEAF SPOT @Maryland 1-9, 9=Best

Karma	8.7
Pangea GLR	8.7
Wicked	8.0
Fiesta 4	8.0
Palmer V	7.3
Prominent	5.7
Premier III	4.9
Sienna	3.7
LSD	2.0

NTEP 2011-2014 TURF QUALITY @3 NE Locatinos 1-9, 9=Best

Grandslam	6.3
Karma	6.1
Wicked	6.0
Fiesta 4	5.9
Sienna	5.6
Palmer V	5.5
Premier III	5.2
Prominent	4.8
LSD	0.5

NTEP 2017 GRAY LEAF SPOT @New Jersey 1-9, 9=Best

Karma	9.0
Fastball	8.0
Homerun	6.7
Gray Hawk	5.3
Grand Slam	4.7
Saguaro	2.3
Savant	1.3
Linn	1.0
LSD	1.5