



PERENNIAL RYEGRASS

Karma

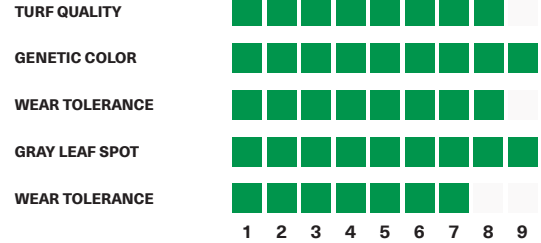


Karma - Perennial Ryegrass (PICK 10401)

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.

For overseeding, Karma has exceptional results at all three testing locations, Items measured were percent establishment, percent cover, quality, color, and winter quality. Superior growth under cool conditions means excellent winter performance. It also has excellent Brown Patch resistance of all varieties tested. Combine that with good Pythium resistance, very good Pink Snow Mold resistance and excellent summer density and Karma will fit the bill for any application.

(Rating: 1- 9, 1: Poor; 9: Excellent)



SEEDING RATE	ESTAB. RATE	MOWING FREQ.	NITROGEN REQ.	ENDOPHYTE +
6-9	7-10	1-5	MED	YES
LBS PER 1000 SQ. FT.	DAYS	PER WEEK		



NTEP 2011-2014

TURF QUALITY Perennial Ryegrass

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

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 Perennial Ryegrass @3 NE Locations

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

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