

HELIOS PERENNIAL RYEGRASS

- Excellent winter hardiness & survival
- High drought & low maintenance performance
- Excellent turf quality & dark green color
- Superior Gray Leaf Spot resistance
- High traffic tolerance

Helios (DLFPS-236/3538) diploid A-LIST perennial ryegrass (*Lolium perenne*) is the result of a long term program to improve salt tolerance and winter hardiness in ryegrass. Recurrent selection was done in the greenhouse, as spaced plants and turf plots to insure excellent turf quality and high gray leaf spot resistance with improved salinity tolerance and winter hardiness. Helios performs with traffic and reduced maintenance. It has a dark green color and early spring green up.

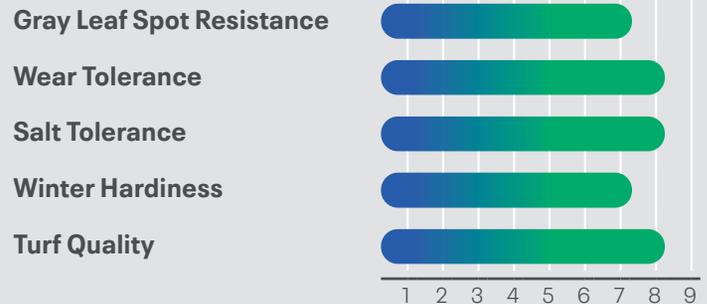
ESTABLISHMENT

Seeding Rate	7-9 lbs/1,000 sq ft (30 - 50 gr/m ²)
Seeds/lb	300,000
Seeds/kg	660,000
Germination	3 - 6 Days
Mowing Frequency	1/Week
Nitrogen Requirement	Moderate
Endophyte +	Yes



TURF SNAPSHOT

1 = Poor, 9 = Excellent



This variety has demonstrated superior performance while requiring reduced water, chemical and fertility inputs in A-LIST trials.



The cultivars approved for competition grade meet stringent characteristics for sports turf usage.



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Turfgrass Quality Schedule C NTEP 2016-21		% Mean Establishment NTEP -2016 Data		% Cover after Wear @NJ 2016 NTEP - 2021 Data		Turf Quality Transition Zone 2016 NTEP-2021-21 Data	
Fiesta Cinco	6.0	Catalyst	73.9	Helios	51.7	Helios	6.1
Helios	5.8	Zoom 2	72.1	Gator Cinco	48.3	Fiesta Cinco	6.1
Mystique	5.8	Helios	71.1	Mach Two	46.7	Zoom 2	6.0
Gator Cinco	5.7	Cayman	66.2	Fiesta Cinco	40.0	Mystique	5.9
Nexus GT	5.1	Ivy	65.1	Nexus GT	18.3	Gray Hawk	5.4
Saguaro	5.0	Linn	65.0	ASPO218	16.7	Man O War	5.2
Belize 2	4.9	Silver Sport	64.7	Cayman	15.0	Saguaro	4.8
Savant	4.8	Pepper II	63.7	Brightstar SLT	13.3	Savant	4.6
LSD@5%	0.4	LSD	5.2	LSD	16.0	LSD	0.5