

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

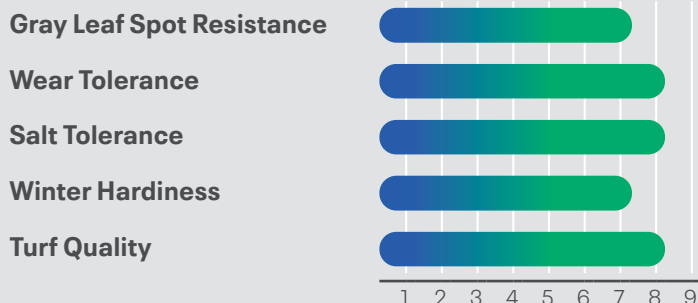
Helios (DLFPS-236/3538) diploid A-LIST perennial ryegrass (*Lolium perenne*) is the result of a long term program to improve salt tolerance and winter hardiness in ryegrass. Recurrent selection was done in the greenhouse, as spaced plants and turf plots to insure excellent turf quality and high gray 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

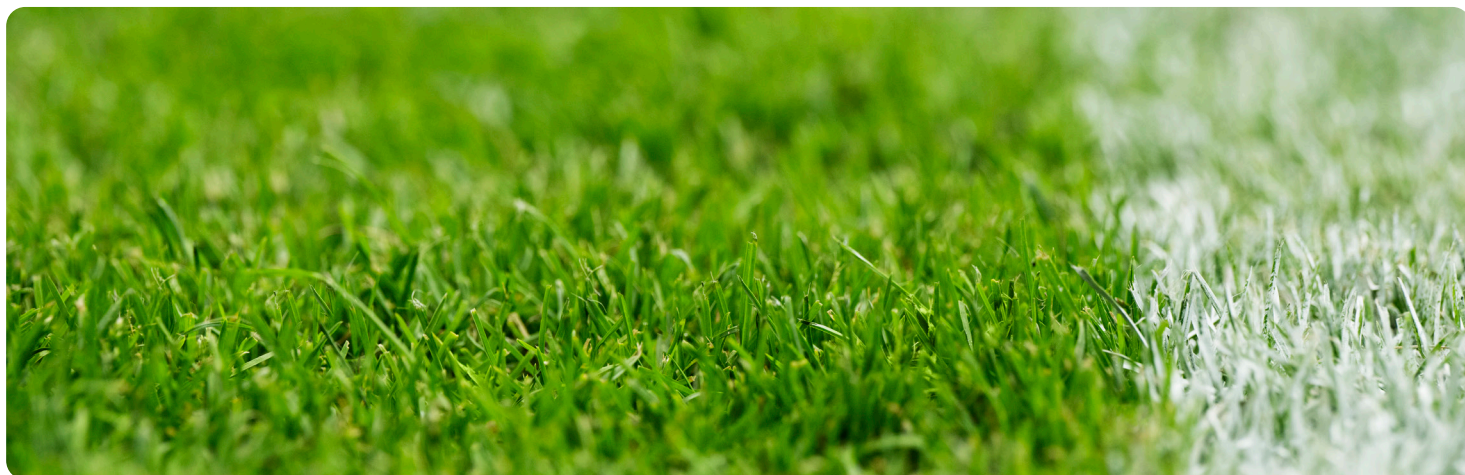
1 = Poor, 9 = Excellent



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.





HELIOS PERENNIAL RYEGRASS

| 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-2071-21 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 | ASP0218 | 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 |