SEED RESEARCH™ BY DLF

Astral

Kentucky Bluegrass

SEEDS & SCIENCE

Description

Astral Kentucky Bluegrass (Poa pratensis) by Seed Research is a Shamrock-type Kentucky bluegrass. Astral is a bright medium green, fine textured Kentucky bluegrass with fast establishment. It has superior rapid rhizome development for excellent traffic tolerance and quick recovery. Its high shade tolerance makes it suitable for all areas of home lawns, parks, sports fields and golf course fairways and roughs. Superior Rust Resistance and general good disease resistance make Astral appropriate for all uses.

Key Features

- Very wear tolerant
- Bright medium green color
- Fine bladed
- Exceptional persistence
- High plant density

COMPETITION GRADE™

Competition Grade® provides elite genetics for athletic fields, ensuring fast establishment, wear tolerance, and disease resistance. Tailored for field managers, it offers resilient, high-quality grass that enhances safety, aesthetics, and reduces maintenance costs.

Ratings

Scale 1-9, where 9 = best or most pronounced

Drought Tolerance	
Turfgrass Quality	
Spring Greenup	
Seedling Vigor/Establishment	

Additional Specs

General Characteristics

Establishment (Days)	14-21
Endophyte + (Yes, No)	No
Germination (Days)	6-10
Mowing Frequency (Per Week)	1
Nitrogen Requirement (Low, Med, High)	Medium
Segment	Turfgrass
Species	Kentucky Bluegrass
Sci. Name	Poa pratensis

Seeding Information

Seeding Rate - Overseed (Lbs./1000 sq. ft.)	1-1.5
Seeding Rate - Interseed (Lbs./1000 sq. ft.)	1-1.5
Seeding Rate - Interseed (Kg./100 sq. meters)	.5-.75
Seeding Rate - New (Kg./100 sq. meters)	1-2
Seeding Rate - New (Lbs./1000 sq. ft.)	2-4
Seeding Rate - Overseed (Kg./100 sq. meters)	.5-.75

Data & Charts

Percent Establishment
2017 KBG NTEP
0-100%. Mean 7 locations

CULTIVAR	MEAN %
Barserati	63.5
Kenblue	62.6
Midnight	57.7
Estrella (340/3455)	57.3
Starr	56.8
Northern Exposure(PST	54
Shamrock	52.9
Astral (340/3549)	52.6
Skye	51.1
SR 2286(340/3438)	50.1
Yellowstone	49.7
Paloma	45.8
Comanche	43.6
Finish Line	35.9
LSD@5%	**5.5**

Seedling Vigor
2017 KBG NTEP
1-9, 9=Best

CULTIVAR	MEAN %
Starr	5.8
Kenblue	5.7
Estrella (340/3455)	5.3
Barserati	5.2
SR 2286(340/3438)	4.8
Midnight	4.8
Shamrock	4.7
Northern Exposure(PST	4.5
Yellowstone	4.5
Astral (340/3549)	4.3
Comanche	4.3
Blue Night	3.9
Heartland	3.3
LSD@5%	**0.8**

Quality Traffic Stress VA
2018 KBG NTEP Data
1-9, 9=Best

CULTIVAR	MEAN %
Bombay	9
Estrella (340/3455)	8.7
SR 2286	8.3
Northern Exposure(PST	8
Barserati	8
Shamrock	8
Yellowstone	8
Astral (340/3549)	7.7
Jersey	7.7
Blue Devil	7.3
Finish Line	7
Midnight	7
Comanche	6.7
United	6.7
Heartland	6.3
LSD@5%	**2**

Turf Quality MN No irrigation
2021 NTEP Data
1-9, 9=Best

CULTIVAR	MEAN %
Skye	5.8
Yellowstone	5.7
Northern Exposure(PST	5.2
SR 2286(340/3438)	4.9
Astral (340/3549)	4.9
Prosperity	4.9
Shamrock	4.9
Estrella (340/3455)	4.8
Barserati	4.7
Comanche	4.6
Midnight	4.6
Blue Devil	4.1
Kenblue	3.9
Blue Night	3.8
LSD@5%	**1**

Turf Quality in Shade
2017 NTEP IA
1-9, 9=Best

CULTIVAR	MEAN %
Estrella (340/3455)	5.5
Jersey	5.4
Northern Exposure(PST	5.2
Shadow Hawk	5.1
Yellowstone	5
Astral(340/3549)	4.8
Cloud	4.7
SR 2286	4.6
Barserati	4.6
Comanche	4.5
Kenblue	4.5
Midnight	4.5
Shamrock	4.5
Blue Devil	4.4
Dublin	4.3
LSD@5%	**1**

Quality Traffic Stress MA
2018 KBG NTEP Data
1-9, 9=Best

CULTIVAR	MEAN %
Finish Line	6.4
Northern Exposure(PST	5.9
Astral (340/3549)	5.7
Kenblue	5.6
Starr	5.6
Barvette HGT	5.6
Shamrock	5.4
Estrella (340/3455)	5.2
Midnight	5.1
Barserati	4.6
Heartland	4.2
Comanche	4
Heartland	3.3
LSD@5%	**0.3**