Macdonald

Creeping Bentgrass

SEEDS & SCIENCE

Description

Macdonald Creeping bentgrass (DLFPS-AP/3018 or AP-18) is a versatile creeping bentgrass appropriate for greens, tees, and fairways. Named for Charles B. Macdonald who is considered the Father of Golf Course Architecture, a cultivar named for him should demonstrate superior performance. Developed by DLF and Rutgers University, Macdonald enables golf courses to be maintained with lower inputs and yet produce a superior product. Macdonald was developed for high resistance to many diseases including Dollar Spot, Anthracnose, Brown Patch and Pink Snow mold.

Key Features

- Superior greens, tees, and fairways
- Rapid establishment for interseeding
- Excellent Dollar Spot and Brown Patch resistance
- Resistant to Poa annua Invasion

Alliance for Low Input Sustainable Turf® (A-LIST®), a non-profit that evaluates and promotes turfgrass varieties needing less water, pesticides, and fertilizers. Through rigorous testing, A-LIST® ensures our approved grasses excel in performance and sustainability.

Super Bents™ are advanced creeping bentgrass varieties developed for over 40 years, featuring fine leaf texture, high density, and exceptional disease resistance. Ideal for golf courses, they require fewer inputs, recover quickly, and are recognized for environmental sustainability.

Ratings

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

Color	7
Density	8
Diseases/Insects	8
Drought Tolerance	8
Frost Tolerance/Winter Kill	8
Turfgrass Quality	8
Spring Greenup	8
Leaf Texture	8
Seedling Vigor/Establishment	7

Additional Specs

General Characteristics

Establishment (Days)	7-14
First Mowing (Days)	21

Endophyte + (Yes, No)	No
Germination (Days)	3-5
Nitrogen Requirement (Low, Med, High)	Low
Segment	Turfgrass
Species	Creeping Bentgrass
Sci. Name	Agrostis stolonifera

Seeding Information

Approx. Seeds/Lb.	6000000
Approx. Seeds/Kg.	13200000
Seeding Rate - Alone/New (Kg./Hectare)	50-75
Seeding Rate - Alone/New (Lbs./Acre)	45-65
Seeding Rate - Overseed (Lbs./1000 sq. ft.)	2-3
Seeding Rate - Interseed (Lbs./1000 sq. ft.)	2-3
Seeding Rate - Golf Green Interseed (Lbs./1000 sq. ft.)	1-3
Seeding Rate - Golf Green Overseed (Lbs./1000 sq. ft.)	1-3
Seeding Rate - Interseed (Kg./100 sq. meters)	1-1.5
Seeding Rate - New (Kg./100 sq. meters)	0.5-0.7
Seeding Rate - New (Lbs./1000 sq. ft.)	1-1.5
Seeding Rate - Overseed (Kg./100 sq. meters)	1-1.5

Data & Charts

NTEP 2015TURF QUALITY @ALL LOCATIONS

1-9, 9=Best

CULTIVAR/SPECIES	RATING
777	**6.4**
Macdonald	6.3
Barracuda	**6.1**
Luminary	6
Pure Select	6
Declaration	5.8
Penn A-1	5.6

NTEP 2015 DOLLAR SPOT @3 LOCATIONS

1-9, 9=Best

CULTIVAR/SPECIES	RATING
L-93XD	**8.4**
Macdonald	8.1
Penn A-1	**7.4**
Declaration	7.1
Pure Select	6.8
Penncross	6.6
Kingdom	6.4

NTEP 2015 SPRING GREENUP @3 LOCATIONS

1-9, 9=Best

CULTIVAR/SPECIES	RATING
Macdonald	**5.7**
777	5.6
Declaration	**5.1**
Penn A-1	5.1
Piranha	4.9
Penncross	4.8
Nightlife	3.6

NTEP 2015 ESTABLISHMENT(%) @3 LOCATIONS

100%=Best

CULTIVAR/SPECIES	RATING
Macdonald	**66.7**
777	64.2
Declaration	**60.6**
Penncross	59.4
Penn A-1	58.6
L-93XD	57.6
Piranha	57

Penncross	4.4
LSD@5%	**0.2**

Armor	5.4
LSD@5%	**0.8**

Armor	3.4
LSD@5%	**0.8**

Luminary	55.2
LSD@5%	**7.5**