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NTEP Greens Height Bentgrass Study 2014

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Abstract

The National Turfgrass Evaluation Program (NTEP) conducts trials throughout the United States on turfgrass adaptation. This trial was initiated in September 2014 as part of the NTEP program. This is the first year data were collected. It contains 20 bentgrass cultivars.

Keywords

Horticulture, Turfgrass

Disciplines

Agricultural Science | Agriculture | Agronomy and Crop Sciences | Horticulture | Natural Resources and Conservation

NTEP Greens Height Bentgrass Study 2014

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Introduction

The National Turfgrass Evaluation Program (NTEP) conducts trials throughout the United States on turfgrass adaptation. This trial was initiated in September 2014 as part of the NTEP program. This is the first year data were collected. It contains 20 bentgrass cultivars.

Materials and Methods

The individual plots measure 5 ft × 5 ft and the study is replicated three times. Percent turfgrass cover data was taken on November 25, 2014. In future years, monthly quality, spring greenup, genetic color, winter color, and fall color (after first frost) data will be taken. Ratings are based on a scale of 9 = best

quality and 1 = lowest quality. A rating of 6 or above is considered to be commercially acceptable. In the case of color and uniformity, a 9 is the darkest green color and a 9 is the most uniform turf.

Results and Discussion

Table 1 contains establishment ratings for the 2014 season. The ratings indicate the percentage of turfgrass cover. There were significant differences in the percent of turfgrass cover in 2014. Data will be collected for the next four years. All data will be compiled and submitted to NTEP each year and it will be included in their yearly report with data from the other states conducting this trial. The data can be found at www.ntep.org.

Acknowledgements

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Table 1. Establishment ratings (% turf cover).

No.	Cultivar	Percent cover
1	Luminary	50
2	DLFPS-AP/3054	52
3	DLFPS-AP/3018	45
4	DLFPS-AP/3056	47
5	DLFPS-AP/3058	35
6	DLFPS-AP/3059	48
7	Pure Select	57
8	Penn A-1	62
9	Penncross	55
10	L-93XD	30
11	Armor	33
12	Kingdom	42
13	Nightlife	38
14	V-8	50
15	GDE	45
16	DC-1	35
17	PST-ROPS	45
18	Shark	42
19	Barracuda	55
20	Declaration	45
LSD 0.05		13.6