

NTEP Perennial Ryegrass Study

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collected in April through October 2017.
 Ratings are based on a scale of 9 = best
 quality to 1 = worst quality. A rating of 6 or
 above is considered commercially acceptable.

The mowing height is 3 in. The trial is non-
 irrigated. It receives 2 to 3 lb of N/1,000 ft²
 each season.

Introduction

The National Turfgrass Evaluation Program (NTEP) conducts trials throughout the United States on turfgrass adaptation. This trial was established in September 2016 as part of the NTEP program. It contains 114 perennial ryegrass cultivars.

Materials and Methods

The individual plots measure 4 ft x 4 ft and the study was replicated three times. Data on color were taken in July, and quality data were

Results and Discussion

Table 1 contains quality ratings for the 2017 season. This is a non-irrigated study and many of the cultivars were dormant through the mid-season. This resulted in some months showing no significant differences among cultivars.

Acknowledgements

Appreciation is extended to the NTEP organization for funding to conduct this project.

Table 1. Color and quality data from the perennial ryegrass trial-2017.

No.	Cultivar	Color ²	Quality ¹							Mean
			April	May	June	July	Aug.	Sept.	Oct.	
1	21	6	8	7	7	6	6	7	7	7
2	BSP-17	5	6	7	8	6	5	5	7	6
3	BWH	6	6	8	8	6	5	5	7	6
4	BSP-25	6	5	7	8	6	5	5	6	6
5	Savant	6	7	6	8	6	5	5	6	6
6	LPB-SD-105	6	8	7	8	6	6	6	6	7
7	Saguaro	5	7	7	8	6	5	4	5	6
8	LPB-SD-104	5	6	7	7	6	4	4	5	6
9	Mensa	4	6	7	7	6	5	4	5	6
10	LPB-SD-101	5	7	7	7	6	5	5	5	6
11	LPB-SD-102	5	8	8	8	6	6	5	5	7
12	LPB-SD-103	5	8	8	8	6	5	5	6	6
13	DLFPS-236/3540	5	7	7	8	6	6	6	7	7
14	DLFPS-236/3542	5	8	7	8	6	6	5	6	7
15	DLFPS-236/3544	6	7	7	8	6	6	6	7	7
16	Intense	5	7	7	6	6	6	5	6	6
17	Xcelerator	6	7	6	7	6	5	5	6	6
18	UF3	6	7	6	6	6	5	6	5	6
19	JR-123	4	6	7	6	5	5	5	6	6
20	JR-747	4	6	6	7	6	4	4	5	5
21	JR-888	5	6	6	6	5	5	5	5	6

Table 1. Color and quality data from the perennial ryegrass trial-2017 (continued).

No.	Cultivar	Color ²	Quality ¹							Mean
			April	May	June	July	Aug.	Sept.	Oct.	
22	DLFPS-236/3541	5	6	7	6	6	5	4	4	6
23	DLFPS-236/3543	5	7	7	8	6	5	6	6	6
24	DLFPS-236/3545	5	7	7	7	5	5	5	6	6
25	Evolve	5	6	6	6	6	5	5	5	6
26	MRSL-PR16	6	7	7	7	6	6	6	6	6
27	PL2	5	8	8	7	6	5	5	5	6
28	MRSL-PR15	5	7	6	8	6	6	6	6	6
29	SNX	5	7	8	7	6	5	6	7	7
30	Signet	5	6	6	8	6	5	5	5	6
31	02BS4	6	6	7	7	6	7	6	7	7
32	CS-6	5	6	7	7	5	5	5	6	6
33	DLFPS-236/3556	5	6	7	7	6	5	5	6	6
34	ASP0116EXT	4	7	8	8	5	5	6	6	7
35	A-PR15	5	7	7	7	6	5	5	6	6
36	A-4G	5	7	7	8	6	5	6	7	7
37	A-6D	5	6	7	8	6	5	6	6	6
38	NP-3	6	7	7	7	6	6	6	6	6
39	NP-2	6	6	6	8	7	6	6	6	6
40	16-Apr	6	6	7	7	6	6	5	6	6
41	GO-141	4	6	7	7	5	5	5	5	6
42	GO-142	4	6	7	6	5	5	4	5	5
43	GO-143	5	6	6	7	6	4	5	6	6
44	12-Apr	6	6	7	7	6	5	6	6	6
45	Apr-60	6	6	7	7	6	6	6	6	6
46	AMP-R1	5	6	8	7	6	5	5	6	6
47	DLFPS-236/3546	5	6	6	7	6	5	5	5	6
48	DLFPS-236/3547	5	7	7	8	6	5	6	6	6
49	DLFPS-236/3548	5	6	8	7	6	5	5	6	6
50	PR-6-15	5	6	7	8	6	5	5	6	6
51	DLFPS-236/3550	5	5	7	8	6	5	5	6	6
52	DLFPS-236/3552	5	6	8	7	7	5	5	5	6
53	23	6	6	8	7	6	5	5	6	6
54	FP2	5	7	7	7	6	6	6	6	7
55	02BS2	5	7	6	7	6	6	5	6	6
56	RRT	5	7	8	7	6	5	6	6	6
57	PPG-PR 241	5	7	7	7	6	5	5	6	6
58	PPG-PR 329	5	6	6	7	6	6	5	6	6
59	PPG-PR 331	6	6	8	7	6	5	5	6	6
60	Derby Xtreme	4	6	8	7	5	5	5	6	6
61	PPG-PR 339	6	6	7	7	6	5	5	6	6
62	PPG-PR 343	6	6	9	8	7	5	5	6	6
63	PPG-PR 360	6	6	8	8	6	5	5	6	6
64	PPG-PR 367	4	7	7	6	6	5	6	6	6
65	PPG-PR 370	6	6	8	7	7	6	5	6	6
66	PPG-PR 371	6	7	8	7	6	5	5	6	6
67	PPG-PR 372	6	7	8	8	6	5	7	7	7
68	PPG-PR 385	7	6	7	7	6	6	6	6	6
69	PPG-PR 419	5	7	7	6	6	6	5	6	6

Table 1. Color and quality data from the perennial ryegrass trial-2017 (continued).

No.	Cultivar	Color ²	Quality ¹							Mean
			April	May	June	July	Aug.	Sept.	Oct.	
70	PPG-PR 420	6	7	7	7	7	7	6	7	7
71	PPG-PR 421	5	7	7	8	7	6	5	5	6
72	PPG-PR 422	7	6	7	7	7	6	5	6	6
73	PPG-PR 423	5	7	7	8	7	6	5	6	6
74	PPG-PR 424	6	6	7	7	6	6	6	6	6
75	Karma	4	6	6	7	5	5	5	6	6
76	SR 4650	5	7	7	7	6	5	5	6	6
77	DLFPS-236/3538	6	7	8	7	7	6	6	6	7
78	Grand Slam GLD	6	7	7	8	7	6	6	7	7
79	LTP-FCB	6	6	8	8	7	6	6	7	7
80	BAR LP 6117	6	6	6	7	6	7	5	5	6
81	BAR LP 6131	6	6	6	6	6	6	6	6	6
82	BAR LP 6159	6	7	6	7	6	6	6	7	6
83	BAR LP 6233	7	6	6	6	8	7	7	6	7
84	PST-2FOXY	5	6	8	7	6	6	5	6	6
85	PST-2CRP	5	7	8	8	6	6	5	7	7
86	PST-2EGAD	6	6	7	7	7	7	6	7	7
87	PST-2FIND	6	7	7	7	7	6	6	6	7
88	PST-2GTD	6	7	7	7	6	6	6	7	7
89	PST-2BDT	4	6	7	8	6	5	5	6	6
90	PST-2MAY	5	8	7	8	7	6	6	7	7
91	PST-2GAL	6	7	6	8	7	7	7	7	7
92	PST-2PDA	5	6	6	7	6	6	6	6	6
93	PST-2A2	4	6	7	7	6	5	5	5	6
94	DLFPS-236/3553	5	7	7	7	6	5	5	5	6
95	DLFPS-236/3554	6	8	7	9	7	6	6	6	7
96	PR-5-16	6	7	7	7	7	6	6	5	6
97	BAR LP 6158	5	6	6	7	6	5	5	6	6
98	BAR LP 6162	7	6	6	7	7	6	5	5	6
99	BAR LP 6164	6	7	6	8	7	6	5	6	6
100	BAR LP 6165	8	6	6	6	8	8	6	6	7
101	Overdrive 5G	5	7	7	7	6	5	5	7	6
102	02BS1	6	8	7	8	6	6	6	7	7
103	CPN	6	8	7	8	6	6	6	6	7
104	JR-197	5	8	7	7	5	5	6	6	6
105	DLFPS-238/3014	6	6	6	6	6	7	6	7	6
106	RAD-PR 103	5	5	8	8	6	6	5	7	6
107	RAD-PR 112	5	5	8	8	6	5	5	6	6
108	UMPQUA	6	7	6	8	7	6	7	7	7
109	Seabiscuit	5	7	8	8	5	6	6	7	7
110	Man O'War	5	8	7	8	5	5	6	7	6
111	Pharaoh	5	7	7	7	5	6	7	6	6
112	Allstar III	4	6	6	7	6	5	5	6	6
113	Brightstar SLT	5	7	8	8	5	5	6	6	6
114	Linn	7	4	5	5	6	7	5	6	5
LSD 0.05		1	1	1	NS	NS	1	NS	NS	NS

¹Quality rated on a 1 to 9 scale with 9 = best quality, 1 = worst quality, and 6 = lowest acceptable quality.

²Color rated on a 1 to 9 scale with 9 = dark, 1 = light green.