

Performance of perennial ryegrass cultivars and selections in a turf trial seeded September 3, 2013 at St. Paul, MN (Includes 2013 Turfgrass Cooperative Breeders' Trial).

		----- Turfgrass Quality ¹ -----						Establishment ²	Seedheads ³	Crown Rust ⁴	Color ⁵	
		2014 Avg.	May 2014	June 2014	July 2014	Aug. 2014	Sept. 2014	Oct. 2014	Oct. 2013	July 2014	Aug. 2014	Oct. 2014
1	PPG-PR 196	6.7	7.0	6.7	5.7	6.7	6.7	7.3	8.3	5.7	6.7	7.3
2	Karma	6.6	6.7	6.7	5.3	7.0	7.0	7.0	7.7	5.3	7.7	6.7
3	PSG1037-12K	6.3	6.7	6.3	5.7	6.7	6.3	6.0	7.7	6.3	8.0	5.7
4	PPG-PR 231	6.2	7.0	6.3	5.0	6.7	6.7	5.7	7.3	5.7	8.0	5.7
5	PPG-PR 171	6.1	6.7	5.7	5.0	5.0	7.0	7.0	7.3	5.0	7.0	7.3
6	PPG-PR 167	6.0	7.3	6.3	5.0	5.7	6.0	6.0	7.7	5.0	7.3	7.0
7	APR2524	6.0	7.0	6.7	5.3	6.0	5.3	6.0	8.0	6.0	5.0	7.0
8	DLF-PR-569	6.0	7.3	6.7	5.0	5.3	5.7	6.0	7.7	5.0	5.3	7.0
9	PPG-PR 197	6.0	7.7	6.0	4.7	6.0	6.0	5.3	8.0	4.7	7.0	7.3
10	PST-2BD1	6.0	6.3	6.3	5.7	6.3	5.3	5.7	8.0	6.7	3.7	4.7
11	PPG-PR 228	5.9	6.7	6.3	4.7	6.3	5.7	6.0	7.7	5.0	6.7	5.7
12	PST-2FIND-13	5.9	7.0	6.3	5.0	5.3	5.7	6.3	7.7	5.0	5.7	6.7
13	DLF-PR-521	5.9	7.7	7.3	5.0	5.3	5.0	5.3	8.0	5.0	5.0	7.0
14	PPG-PR 222	5.9	7.0	5.7	5.0	6.0	6.3	5.7	8.0	5.0	7.3	7.3
15	PPG-PR 232	5.9	6.0	6.3	5.0	5.7	6.3	6.0	7.3	5.3	7.3	6.0
16	DLF-PR-537	5.9	6.3	6.0	5.0	6.3	6.0	5.7	8.3	5.7	5.7	5.7
17	PS 9	5.8	6.0	6.0	4.3	6.3	6.0	6.3	7.7	4.3	7.7	7.3
18	DLF-PR-553	5.8	8.3	7.0	4.7	5.0	5.0	5.0	8.0	4.7	4.3	7.0
19	PPG-PR 172	5.8	6.7	7.0	4.7	6.0	5.0	5.7	8.0	5.3	7.7	6.3
20	Stamina	5.8	6.3	5.3	5.3	6.0	6.0	5.7	8.0	5.3	5.7	5.0
21	DLF-PR-563	5.8	7.7	7.0	5.0	5.0	4.7	5.3	8.0	5.3	5.7	6.7
22	Bandalore	5.8	6.0	6.3	6.0	5.7	4.7	6.0	8.3	6.3	4.3	7.0
23	DLF-PR-523	5.8	6.7	6.7	4.7	5.7	5.3	5.7	7.7	5.0	8.0	7.3
24	PST-2BDT	5.7	6.7	6.0	5.0	5.7	5.7	5.3	8.0	6.0	5.0	6.7
25	APR2687	5.7	6.7	6.0	5.0	6.0	4.7	6.0	7.0	6.0	4.7	5.7
26	PST-2LTD	5.7	6.7	7.3	5.0	5.0	4.3	5.7	7.0	5.7	5.0	7.0
27	DLF-PR-575	5.7	6.7	6.3	4.7	5.3	5.7	5.3	7.0	4.7	6.0	7.0
28	Thrive	5.7	7.7	6.3	5.0	5.0	4.7	5.3	8.0	5.7	4.7	5.7
29	Allstar 3	5.7	6.7	6.7	4.7	5.0	5.3	5.7	8.0	4.7	6.0	7.0
30	Aspire	5.7	6.3	5.3	5.0	6.0	5.3	6.0	8.3	5.3	7.0	6.7

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31	DLF-PR-583	5.6	6.7	5.0	5.0	5.3	5.7	6.0	8.0	5.0	7.3	7.0
32	DLF-PR-561	5.6	7.3	6.7	4.7	5.0	4.7	5.3	8.0	4.7	6.0	6.7
33	Monsieur	5.6	6.3	6.0	4.7	5.7	5.3	5.7	8.3	5.3	6.7	6.7
34	APR2662	5.6	6.7	5.7	6.7	5.0	4.3	5.3	7.7	7.0	3.0	4.3
35	PPG-PR 234	5.6	6.7	6.0	5.0	5.3	5.0	5.3	7.7	4.7	6.0	6.3
36	APR2397	5.6	6.0	5.7	5.7	5.0	5.3	5.7	8.0	6.0	4.7	5.3
37	PST-2A12	5.5	5.3	5.0	4.7	5.7	6.0	6.3	7.0	4.3	7.0	7.3
38	PST-2MPX1	5.5	5.3	4.3	7.7	7.3	3.7	5.0	8.3	8.0	5.3	3.3
39	APR2320	5.5	7.3	7.0	5.0	4.0	5.0	4.7	7.7	6.3	3.0	5.7
40	Pop	5.5	7.0	5.7	4.7	5.0	5.0	5.7	6.7	5.0	4.3	6.3
41	DLF-PR-562	5.5	7.0	6.7	5.0	5.0	3.7	5.3	7.7	4.7	4.0	6.3
42	DLF-PR-565	5.5	6.7	6.7	4.7	5.3	4.7	5.0	8.0	5.0	4.7	6.3
43	APR2659	5.5	6.7	5.0	6.0	5.0	4.7	5.3	8.0	6.7	3.3	5.0
44	APR2680	5.5	6.7	6.3	5.0	5.3	4.7	4.7	7.0	5.0	5.0	5.7
45	PPG-PR 229	5.4	6.3	6.3	4.7	5.7	4.0	5.7	6.7	4.7	6.7	6.7
46	DLF-PR-580	5.4	6.7	6.3	5.0	5.0	4.7	5.0	8.0	5.7	4.3	6.7
47	Banfield	5.4	7.0	6.0	5.0	5.0	5.0	4.7	7.3	5.3	4.7	6.0
48	Diligent	5.4	6.3	5.7	5.0	5.7	5.0	5.0	8.7	5.3	5.7	6.3
49	DLF-PR-578	5.3	6.0	6.3	5.0	5.3	4.3	5.0	7.3	6.0	4.3	6.3
50	DLF-PR-564	5.3	6.7	6.7	4.7	4.7	4.7	4.7	7.7	4.7	4.0	6.7
51	APR2477	5.3	6.7	6.7	5.3	4.7	3.7	5.0	7.3	6.3	3.0	5.0
52	4JPR	5.3	6.3	6.0	4.7	5.3	4.3	5.0	7.3	4.7	6.3	6.3
53	APR2445	5.3	6.3	6.0	5.0	4.0	4.7	5.7	7.3	4.7	3.7	7.0
54	Green Emperor (MSP 3976)	5.3	6.7	5.3	4.7	5.0	5.0	5.0	7.0	5.0	4.3	5.7
55	PST-2ED1	5.2	6.3	5.3	5.0	4.7	5.0	5.0	7.7	4.7	4.0	6.0
56	PST-2TFC	5.2	6.0	5.3	5.3	4.3	4.7	5.7	7.7	5.7	4.0	6.7
57	PST-2TPR	5.2	6.3	5.0	5.3	4.7	4.3	5.7	7.3	6.0	3.3	5.0
58	PST-2MG7	5.2	7.0	5.7	4.7	4.3	4.3	5.3	7.0	5.3	4.3	6.7
59	PST-2A2	5.2	6.0	5.7	4.0	5.0	5.3	5.0	7.0	3.7	6.7	7.0
60	DLF-PR-579	5.2	6.0	6.3	5.0	4.7	4.3	5.0	6.7	5.0	5.3	6.3
61	PS 10	5.2	6.7	4.7	4.3	5.0	5.0	5.3	7.0	5.3	6.3	6.3
62	PST-2REB	5.2	6.3	5.3	4.7	5.0	4.3	5.3	8.0	5.3	4.7	7.0
63	APR2399	5.1	5.7	5.7	5.3	4.7	4.0	5.3	7.7	5.7	3.3	5.0
64	PST-2SHRP	5.1	5.3	7.3	4.0	4.0	4.7	5.0	7.7	4.3	5.3	6.7
65	APR2679	5.1	6.7	6.3	5.3	4.0	3.3	4.7	7.7	6.7	2.3	5.0

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66	PSG-21-10	5.0	7.7	5.7	4.3	3.7	4.0	5.0	7.7	4.0	4.7	7.0
67	PST-2PDA	5.0	6.0	5.0	5.0	4.7	4.0	5.3	7.0	5.7	4.3	6.3
68	PST-2SURV	5.0	6.7	6.0	4.3	4.0	4.0	5.0	7.3	4.7	4.3	6.3
69	PST-224	5.0	5.3	5.0	5.3	4.3	5.0	5.0	7.3	5.3	3.7	5.3
70	Manhattan 6 GLR	5.0	6.3	6.0	4.7	4.0	4.0	5.0	7.7	5.0	4.3	6.7
71	APR2154	5.0	6.3	5.7	4.7	4.0	4.7	4.7	7.7	4.3	2.7	5.0
72	PPG-PR 168	5.0	7.3	5.3	4.7	3.7	4.7	4.3	8.0	5.0	4.3	6.0
73	Homerun	4.9	6.0	5.3	5.3	3.7	4.3	5.0	8.3	6.0	3.3	5.0
74	APR2394	4.9	6.7	5.7	4.3	3.7	4.0	5.3	7.3	4.7	2.7	5.0
75	APR2540	4.9	6.0	5.7	5.7	3.0	4.0	5.3	7.7	6.7	3.0	5.0
76	Zoom	4.9	6.3	6.0	4.3	3.7	4.0	5.0	7.7	4.3	3.3	6.3
77	Soprano	4.9	7.0	5.7	4.0	4.0	4.3	4.3	8.0	4.0	3.7	5.7
78	PSG-HLY	4.9	8.0	5.3	4.7	3.0	3.7	4.7	7.7	4.0	2.7	6.3
79	PSG-20-10	4.9	6.7	5.3	4.3	4.3	4.3	4.3	8.0	4.7	4.0	6.0
80	Line Drive GLS	4.9	6.3	6.0	4.7	3.3	4.0	4.7	7.7	5.0	2.3	5.0
81	RAD-PR73	4.9	6.0	6.0	4.3	3.7	4.7	4.3	6.0	3.0	4.3	7.0
82	GSI-3-12	4.8	6.7	6.0	4.3	4.0	3.7	4.3	7.7	4.3	4.3	6.3
83	APR2385	4.8	6.3	5.3	5.0	3.3	4.3	4.7	8.7	6.0	3.0	4.3
84	PPG-PR 227	4.8	6.7	5.3	5.0	3.0	4.0	4.7	7.7	5.7	3.3	4.7
85	Fiesta 4	4.8	6.7	5.0	5.0	4.0	4.0	4.0	8.0	5.0	3.7	5.3
86	Harrier	4.8	6.0	5.0	4.7	4.3	3.7	5.0	7.7	5.0	4.0	6.0
87	PST-2CITM	4.8	6.3	5.3	4.3	3.7	4.0	5.0	7.7	4.7	3.0	6.0
88	Silver Dollar	4.8	6.7	5.3	3.7	3.7	4.7	4.7	8.0	3.7	3.0	6.0
89	Apple GL	4.7	6.0	5.0	4.7	4.0	3.7	5.0	7.3	4.7	4.0	6.7
90	PST-2ETS	4.7	6.3	5.3	4.3	3.3	4.0	4.7	8.0	4.7	3.7	6.3
91	APR2237	4.7	6.7	6.0	4.3	3.0	3.7	4.7	8.0	4.0	2.7	6.3
92	PST-2RDY	4.7	5.7	4.3	4.7	4.3	4.3	4.7	7.3	6.3	3.0	4.0
93	RAD-PR77	4.7	6.7	5.0	4.0	3.3	4.3	4.7	7.0	3.7	3.7	7.0
94	PSG-HLT	4.6	7.3	5.3	3.7	2.7	4.0	4.7	7.7	3.3	3.3	6.3
95	PR-09-6	4.6	7.0	6.0	4.0	2.7	3.7	4.0	7.0	3.0	3.3	6.0
96	Royal Green (MSP 3998)	4.6	4.0	3.3	5.7	5.3	5.0	4.0	8.0	6.3	3.0	4.3
97	PST-Gray Fox	4.5	6.3	4.7	4.3	3.3	4.0	4.7	7.3	4.7	3.3	4.3
98	APR2688	4.5	5.3	5.3	4.7	3.7	3.7	4.3	8.0	5.3	3.3	4.3
99	APR2104	4.5	6.0	4.3	5.0	3.7	3.7	4.3	7.7	6.0	2.7	4.7
100	Brightstar SLT	4.4	5.7	4.0	4.3	3.7	4.0	5.0	7.3	5.3	2.3	4.3

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101	Gator 3	4.4	6.0	5.3	4.3	3.3	3.3	4.3	7.3	4.0	3.7	4.7
102	APR2790	4.4	6.3	4.0	5.0	2.7	4.0	4.7	7.3	6.0	2.0	4.0
103	MSP 3999	4.4	5.3	4.7	4.3	4.0	3.7	4.3	6.3	5.3	2.7	4.3
104	PST-3MP3	4.3	6.7	5.7	3.7	2.7	3.0	4.3	7.0	3.3	3.7	6.3
105	PST-3IP	4.3	6.0	4.7	4.0	3.7	3.3	4.3	6.3	3.3	3.7	5.7
106	MSP 4001	4.2	4.7	3.7	4.3	5.0	4.0	3.7	6.7	5.3	3.0	4.0
107	APR2554	4.2	5.0	4.3	5.3	3.3	3.0	4.0	8.0	6.3	2.0	4.0
108	PSG-HLTY	4.1	6.7	4.7	4.0	3.0	3.0	3.3	7.7	4.0	3.7	5.3
109	MSP 4000	4.1	5.3	3.7	4.0	4.3	3.3	4.0	6.0	5.0	4.0	3.7
110	APR2344	4.1	6.0	5.0	4.7	3.3	2.7	2.7	6.0	5.3	4.3	5.7
111	DSL5B1	4.0	7.0	5.7	4.0	2.7	1.7	3.0	7.7	3.7	3.0	5.7
112	Esquire	3.6	4.0	3.7	4.0	2.7	4.3	3.0	8.0	5.3	2.7	3.3
113	Penguin	3.6	4.7	4.0	3.7	2.7	3.7	3.0	7.7	5.7	3.3	3.3
114	Linn	2.9	4.3	2.0	3.3	2.7	2.3	3.0	8.0	8.0	3.3	2.7
LSD (P=.05)		0.6	1.4	1.1	0.8	1.3	1.3	1.2	1.1	1.1	1.1	1.0

¹ 9 = best turfgrass quality

² 9 = best establishment

³ 9 = least amount of seedheads

⁴ 9 = lowest incidence of disease

⁵ 9 = darkest green color