Performance of perennial ryegrass cultivars and selections in a lawn height turf trial seeded June 16, 2021 at St. Paul, MN.

	Cultivar or Selection	2022 Avg.	Turfgrass Quality[1] May 2022	June 2022	July 2022	Aug. 2022	Sept. 2022	Spring Green-Up[2] April 2022	Establishment[3] July 2021	Crown Rust[4] Sept. 2021	Turfgrass Quality[1] Oct. 2021
1	Green Emperor	5.7	6.0	6.0	4.7	7.0	5.0	4.7	4.3	4.0	4.3
2	80302	5.7	5.7	6.3	6.3	5.3	4.7	3.3	5.3	4.7	5.0
3	80411	5.7	5.3	6.0	5.3	6.7	5.0	4.0	6.0	4.3	4.7
4	Entourage	5.7	5.3	6.7	4.7	6.7	5.0	3.3	5.0	4.3	4.3
5	80402	5.6	5.7	6.0	4.7	6.3	5.3	4.7	5.3	4.0	4.7
6	80346	5.5	5.3	5.3	6.0	5.7	5.3	3.0	4.3	4.3	5.7
7	80393	5.5	5.0	5.7	5.7	5.7	5.7	4.0	6.0	5.0	5.0
8	Stellar 4GL	5.5	5.0	5.0	5.7	6.0	6.0	4.0	5.7	6.3	6.0
9	80391	5.5	5.0	6.0	5.3	5.7	5.3	2.7	5.3	4.3	5.0
10	80399	5.5	5.3	6.0	4.7	6.7	4.7	3.0	5.0	3.7	4.3
11	Sideways	5.5	6.0	5.7	5.0	6.0	4.7	4.3	5.0	5.7	5.3
12	80297	5.4	5.3	5.3	5.7	5.7	5.0	3.0	5.3	6.0	5.7
13	Apple 3GL-1	5.4	5.3	5.7	5.3	6.0	4.7	4.3	6.0	4.3	4.7
14	Galactic Green	5.4	6.0	5.3	4.3	6.3	5.0	4.0	5.3	5.3	5.0
15	80276	5.3	4.0	5.0	6.0	6.3	5.3	1.3	5.7	6.7	5.7
16	80380	5.3	4.7	6.0	6.0	5.0	5.0	3.0	5.0	5.0	4.3
17	80388	5.3	5.3	5.0	6.0	5.7	4.7	3.3	4.7	4.3	4.3
18	80468	5.3	3.7	5.3	6.3	5.3	6.0	1.0	5.3	7.7	8.0
19	Spreader III x Arctic Green	5.3	6.0	5.7	4.3	5.7	5.0	3.3	4.7	4.3	4.7
20	80292	5.3	4.3	5.3	5.3	5.7	5.7	2.3	5.7	5.7	4.3
21	80387	5.3	5.3	5.3	5.3	5.7	4.7	3.3	6.3	5.7	5.0
22	80454	5.3	5.0	5.3	5.7	5.3	5.0	4.0	6.0	3.7	4.3
23	Serenity	5.3	3.7	5.3	5.7	6.3	5.3	2.0	6.0	5.0	6.0
24	Wicked	5.3	6.3	6.3	4.0	5.7	4.0	5.3	5.3	4.0	3.3
25	80378	5.2	4.3	4.7	5.0	6.3	5.7	2.0	5.3	6.0	6.3
26	80383	5.2	5.0	6.0	5.0	5.3	4.7	4.0	5.3	4.3	4.7
27	80410	5.2	4.3	5.7	5.0	6.0	5.0	2.7	6.3	5.7	6.0
28	80303	5.1	4.3	5.0	5.3	6.0	5.0	1.7	7.0	6.3	5.7
29	80363	5.1	4.7	6.0	4.7	6.3	4.0	3.3	4.7	4.7	5.3
30	80425	5.1	5.7	5.7	4.7	5.3	4.3	4.3	6.0	4.0	5.0
31	80299	5.1	5.0	5.3	4.7	5.7	4.7	4.0	5.3	5.0	5.0
32	80330	5.1	4.0	5.3	5.3	5.7	5.0	2.7	5.0	5.7	5.3
33	80340	5.1	4.7	4.7	5.0	5.7	5.3	3.0	5.3	5.7	6.0
34	80396	5.1	4.0	5.3	5.7	5.0	5.3	2.7	6.0	7.0	5.0
35	80286	5.0	4.3	5.0	5.7	5.3	4.7	2.7	5.0	5.7	5.7
36	80329	5.0	4.0	4.3	5.3	6.0	5.3	1.7	5.7	6.0	4.7
37	80371	5.0	4.3	5.0	6.0	4.7	5.0	3.0	5.3	5.3	4.3
38	80447	5.0	4.7	5.3	5.3	5.3	4.3	3.3	6.0	5.0	5.0
39	Hancock	5.0	5.3	5.7	3.7	6.0	4.3	5.0	5.3	3.3	3.7
40	80331	4.9	4.0	5.7	5.0	5.7	4.3	2.3	5.3	5.7	5.3

41	80374	4.9	3.7	5.0	5.7	6.0	4.3	2.7	5.0	5.3	4.7
42	80428	4.9	4.0	5.3	5.0	5.7	4.7	2.0	5.3	5.3	5.3
43	80324	4.9	4.0	5.0	6.0	5.0	4.3	3.3	5.0	4.0	5.0
44	80345	4.9	4.3	5.3	4.7	6.0	4.0	2.7	6.0	4.3	4.3
45	80409	4.9	4.3	5.3	5.3	4.7	4.7	3.3	6.0	5.0	4.0
46	80448	4.9	3.7	5.0	6.0	5.0	4.7	2.0	5.7	6.7	6.3
47	80381	4.8	4.0	5.0	4.7	5.3	5.0	2.7	5.3	6.7	5.3
48	80442	4.8	4.7	5.3	4.3	5.3	4.3	4.0	6.0	5.0	3.7
49	Slugger 3GL	4.8	4.7	4.7	4.7	5.7	4.3	3.3	5.7	5.0	4.3
50	80327	4.7	4.7	5.7	3.7	5.7	4.0	4.3	5.7	4.7	4.3
51	80293	4.7	5.3	5.3	3.7	5.0	4.0	4.0	4.7	3.3	4.3
52	80300	4.7	5.3	4.7	4.3	5.0	4.0	3.7	5.7	3.7	5.0
53	80309	4.7	4.7	4.7	4.7	4.7	4.7	3.7	4.7	3.7	4.0
54	80353	4.7	4.7	4.7	4.7	5.3	4.0	2.7	6.7	4.3	4.7
55	80407	4.7	4.3	5.0	4.3	5.0	4.7	3.3	5.0	4.7	4.7
56	Banfield	4.7	5.3	5.7	3.0	5.0	4.3	5.7	5.0	4.0	4.0
57	80282	4.6	5.0	4.7	5.0	4.0	4.3	3.7	4.3	3.0	4.0
58	80313	4.6	3.3	4.3	5.0	5.3	5.0	2.3	6.0	6.0	5.0
59	80390	4.6	3.3	4.7	5.7	5.3	4.0	2.3	5.0	5.7	4.7
60	80418	4.6	3.7	4.7	5.0	5.3	4.3	3.0	5.7	5.3	5.0
61	80439	4.6	4.3	5.3	4.0	5.3	4.0	2.7	6.0	4.0	5.0
62	80457	4.6	5.0	5.3	4.0	5.3	3.3	4.7	5.0	3.3	4.3
63	80270	4.5	3.7	4.3	4.3	5.3	5.0	1.3	6.0	7.7	6.7
64	80275	4.5	3.7	4.7	5.3	4.3	4.7	2.0	6.3	5.0	5.0
65	80280	4.5	4.3	4.3	5.0	4.7	4.3	3.7	5.3	4.0	4.0
66	80310	4.5	4.0	4.7	4.7	5.0	4.3	2.7	5.0	6.0	6.0
67	80429	4.5	5.0	5.0	3.7	4.7	4.3	3.0	5.7	4.0	4.7
68	80433	4.5	3.3	4.3	5.7	4.7	4.7	2.7	7.7	6.0	3.3
69	80312	4.5	3.7	4.3	5.3	5.0	4.0	2.3	4.7	6.0	5.3
70	80419	4.5	4.3	4.7	4.7	4.7	4.0	4.7	5.0	3.7	3.3
71	80273	4.4	4.7	4.0	4.0	5.0	4.3	3.3	4.7	4.3	4.3
72	80279	4.4	3.0	5.0	5.7	4.3	4.0	1.7	5.3	6.0	5.0
73	80445	4.4	4.0	5.7	4.0	4.3	4.0	2.7	6.0	4.7	4.3
74	80459	4.4	3.0	3.7	5.0	5.0	5.3	1.3	6.3	5.7	6.0
75	LAV	4.4	4.3	5.3	3.7	5.0	3.7	5.0	4.7	3.3	3.3
76	80417	4.3	4.0	5.0	3.7	5.3	3.7	3.3	5.3	3.7	4.7
77	80426	4.3	4.7	5.3	2.7	5.0	4.0	3.3	5.7	4.0	4.0
78	80466	4.3	4.3	4.7	3.7	4.7	4.0	3.0	5.3	5.0	3.7
79	80397	4.2	3.0	3.7	5.3	4.3	4.7	1.7	6.3	7.0	5.0
80	80420	4.2	4.0	5.0	3.3	4.3	4.3	3.7	5.3	2.3	3.0
81	80441	4.2	4.3	5.0	3.0	4.7	4.0	4.0	4.3	2.3	2.3
82	80456	4.2	4.7	4.7	3.3	4.7	3.7	3.0	4.7	3.0	3.7
83	80467	4.2	4.0	4.0	4.7	4.3	4.0	2.3	4.7	5.7	4.3
84	Thrive	4.2	4.0	4.7	3.7	5.3	3.3	3.3	5.7	4.0	3.3
85	80272	4.1	3.3	3.3	4.0	5.0	5.0	1.3	5.7	7.3	6.7

86	80369	4.1	3.3	3.7	4.3	4.3	5.0	1.7	4.7	6.7	6.3
87	80289	4.1	4.3	4.0	4.3	4.3	3.3	3.0	6.0	4.7	2.7
88	80421	4.1	4.7	4.3	3.7	3.7	4.0	4.3	5.0	3.3	3.3
89	80440	3.9	3.3	4.7	3.7	4.3	3.3	3.7	5.3	5.0	3.3
90	80321	3.8	3.7	3.7	3.7	4.0	4.0	1.3	5.0	6.0	4.7
91	80458	3.7	3.3	4.0	3.7	4.0	3.7	2.0	4.0	4.7	4.7
92	80325	3.5	3.0	4.0	3.3	3.7	3.7	3.7	4.7	3.3	3.0
93	Royal Green	3.5	4.3	3.7	3.3	3.3	3.0	4.3	2.3	3.3	3.0
94	80438	2.7	2.7	3.0	2.3	3.0	2.7	4.3	2.7	2.3	2.0
95	Tetradark	2.5	3.0	3.3	1.7	3.0	1.7	4.3	3.0	2.7	2.0
96	80443	2.4	2.7	3.3	1.7	2.3	2.0	3.3	3.0	2.3	2.0
97	Remedy	1.1	1.3	1.0	1.0	1.0	1.0	1.0	6.0	5.0	4.3
	LSD P=.05	0.8	1.5	1.2	1.5	1.1	1.1	1.2	1.7	1.5	1.3

[1] 9 = best turfgrass quality
[2] 9 = best Spring green-up
[3] 9 = best establishment
[4] 9 = lowest incidence of disease