

Performance of perennial ryegrass cultivars and selections in a turf trial seeded September 20, 2004 at St. Paul, MN. (Includes 2004 National Perennial Ryegrass Test – NTEP)

		----- Turf Quality ¹ -----										Snow	Crown	Summer	
		2005-	2005	2006	2007	2008	May	June	July	Aug.	Sept.	Oct.	Mold ²	Rust ³	Color ⁴
		2008	2005	2006	2007	2008	2008	2008	2008	2008	2008	2008	April	July	Sept.
		Avg.	Avg.	Avg.	Avg.	Avg.	2008	2008	2008	2008	2008	2008	2008	2008	2008
1	Exacta II GLSR	6.1	6.3	5.9	6.4	5.7	3.7	6.3	4.7	6.3	7.0	6.0	3.3	7.7	7.3
2	Amazing GS	5.8	5.6	5.9	5.9	5.7	5.0	6.0	5.3	6.0	6.0	6.0	5.0	8.0	6.7
3	MMW	5.7	6.0	6.1	5.6	5.2	3.3	6.3	5.7	5.7	5.3	5.0	3.3	7.7	6.7
4	Homerun	5.7	5.9	5.9	5.8	5.3	3.3	6.7	5.0	5.7	5.7	5.3	4.0	7.3	7.0
5	All*Star 3	5.7	6.0	6.1	5.6	5.1	3.3	5.7	5.3	5.3	5.3	5.7	3.3	8.0	7.3
6	RNS	5.7	6.4	6.1	5.4	4.8	3.0	5.0	3.7	5.3	5.7	6.3	3.7	7.7	7.0
7	Zoom	5.7	5.5	5.9	5.4	5.9	5.3	7.3	4.7	6.3	6.0	6.0	5.7	7.3	5.7
8	DP1	5.6	5.9	5.8	5.7	5.2	4.0	6.0	5.0	5.0	5.3	5.7	4.7	7.7	6.3
9	APR 1648	5.6	6.3	5.7	5.8	4.6	2.7	5.0	4.7	5.3	4.7	5.0	2.3	7.7	7.7
10	Presidio	5.6	6.1	5.1	5.8	5.2	3.7	7.3	4.3	5.7	5.7	4.7	4.0	6.3	5.0
11	Pizzazz	5.5	5.9	5.5	5.8	4.8	3.3	6.3	3.7	5.0	5.0	5.3	4.0	6.7	5.7
12	Dasher 3	5.5	6.0	5.4	5.7	4.9	3.7	5.3	4.7	5.3	4.7	5.7	4.0	7.7	6.3
13	Keystone 2	5.5	5.8	5.7	5.3	5.0	3.0	5.3	4.7	6.3	5.7	5.0	4.0	7.3	5.0
14	ES45	5.4	5.8	5.8	5.7	4.4	4.0	5.3	3.3	4.0	5.0	4.7	4.0	4.7	6.7
15	Protege GLR	5.4	5.5	5.7	5.4	5.0	4.7	5.7	4.0	5.3	4.7	5.7	4.7	7.0	5.7
16	Cutter II	5.4	5.1	5.9	5.7	4.8	3.7	5.7	3.3	5.3	5.3	5.3	4.0	5.3	6.3
17	Stellar GL	5.4	5.5	5.7	5.6	4.6	3.3	5.0	3.3	5.7	4.7	5.7	4.0	8.0	7.3
18	Nexus XR	5.3	5.8	5.4	5.7	4.5	3.7	5.3	3.3	4.7	5.3	4.7	4.3	6.3	7.3
19	Wind Dance 2	5.3	5.5	5.3	5.8	4.7	3.7	5.7	3.7	6.0	4.3	4.7	3.7	5.3	6.3
20	Regal 5	5.3	5.8	5.5	5.4	4.7	4.3	5.7	4.0	4.7	4.7	4.7	4.3	7.3	6.7
21	Panther GLS	5.3	5.7	5.5	5.6	4.6	2.7	5.7	4.7	5.0	5.0	4.7	2.7	6.0	5.0
22	Secretariat II GLSR	5.3	5.4	5.3	5.2	5.3	4.0	5.7	4.7	6.0	6.0	5.7	3.7	7.0	5.0
23	1G Squared	5.3	5.9	5.5	5.5	4.2	2.3	4.0	3.7	5.0	5.3	4.7	2.3	7.3	6.0
24	Edge II	5.3	5.1	5.7	5.4	4.8	4.0	5.0	4.7	4.7	5.3	5.3	4.3	5.7	6.3
25	Delaware XL	5.3	5.5	5.2	5.6	4.8	3.7	6.3	3.3	5.3	6.0	4.3	4.0	4.3	6.3

(continued)

26	BAR Lp 4920	5.3	5.2	5.7	5.1	5.1	4.3	5.7	3.3	6.3	5.3	5.3	4.7	5.3	4.0
27	Mach I	5.2	5.5	5.5	5.4	4.6	3.7	5.7	3.7	5.0	4.3	5.0	3.7	6.3	5.0
28	TR47	5.2	5.2	5.3	5.6	4.8	4.3	6.3	3.0	5.7	5.0	4.7	5.3	6.0	5.7
29	Calypso 3	5.2	5.7	5.4	4.9	4.8	3.3	5.3	4.3	5.0	5.3	5.3	3.3	5.3	7.0
30	SR 4600	5.2	5.5	5.3	5.6	4.4	3.3	4.3	3.3	5.3	5.3	5.0	3.7	7.3	6.0
31	Revenge GLX	5.2	5.5	5.2	5.3	4.8	5.3	5.7	2.3	5.0	5.0	5.3	5.7	6.0	6.7
32	Derby Xtreme	5.2	5.6	4.8	5.3	5.1	3.7	5.7	4.0	5.7	6.0	5.7	4.7	7.3	6.7
33	Manhattan 5 GLR	5.2	5.2	5.3	5.1	5.1	4.0	5.0	5.0	6.0	5.3	5.3	3.3	7.3	6.0
34	Apple GL	5.2	5.3	5.4	5.3	4.7	3.3	5.0	4.3	6.0	4.7	4.7	3.7	8.0	6.7
35	ASP6003	5.2	5.5	5.1	5.4	4.7	3.7	6.0	4.7	5.0	4.3	4.7	3.7	5.0	7.0
36	GL-2	5.2	5.6	5.5	5.1	4.5	2.7	5.7	4.3	4.3	4.7	5.3	3.7	8.0	6.7
37	VB99	5.2	5.5	5.0	5.4	4.8	4.3	5.7	3.3	5.7	5.7	4.3	4.7	4.7	5.7
38	Charismatic II GLSR	5.1	5.2	5.1	5.2	5.1	5.7	5.0	3.7	5.0	6.0	5.3	5.0	7.7	5.3
39	ASP6006	5.1	5.4	5.3	5.4	4.4	3.0	5.0	4.3	4.7	4.7	4.7	3.0	6.7	7.3
40	Pick 02-R	5.1	5.5	4.7	5.2	4.9	4.0	6.0	3.7	5.3	5.0	5.3	3.3	5.7	6.3
41	ASP6002	5.1	5.2	5.6	5.2	4.3	3.3	4.7	4.3	4.7	4.3	4.7	3.7	5.7	7.0
42	Uno	5.1	4.8	5.8	5.3	4.3	3.7	5.3	3.7	4.3	4.0	4.7	3.3	7.0	6.0
43	PST-2AG4	5.0	5.0	5.1	5.3	4.8	4.7	5.0	4.0	4.3	5.3	5.3	4.0	6.7	6.0
44	Galatti	5.0	5.0	5.5	4.9	4.7	2.7	5.7	5.0	5.7	5.0	4.3	4.0	4.3	4.7
45	Headstart 2	5.0	5.1	5.0	4.8	5.1	4.3	6.7	3.0	6.0	5.3	5.0	3.3	4.0	5.0
46	VB77	5.0	5.5	4.9	4.9	4.7	4.0	5.7	4.7	4.3	5.0	4.3	3.7	7.0	6.7
47	Primary	5.0	5.1	5.1	4.7	5.1	3.7	5.7	4.3	5.3	6.0	5.7	4.3	6.7	6.3
48	BAR Lp 4420	5.0	5.1	5.5	5.2	4.3	3.0	5.7	3.3	4.0	4.7	5.0	3.7	4.7	5.0
49	Halo	5.0	5.1	5.4	5.2	4.3	3.3	6.0	4.0	4.0	4.3	4.0	3.0	5.3	6.3
50	PST-217	5.0	4.8	5.6	5.0	4.6	3.3	5.3	3.7	5.0	5.7	4.7	4.3	6.3	5.0
51	Top Gun II	5.0	4.6	5.5	5.3	4.6	3.7	6.3	3.0	5.0	4.7	4.7	4.3	3.3	4.7
52	PST-2LAN	5.0	5.0	5.0	4.8	5.1	3.7	6.0	5.3	5.0	5.7	5.0	4.0	6.3	4.7
53	Citation Fore	5.0	4.8	5.2	4.8	5.0	4.7	6.0	4.0	5.3	5.0	5.0	4.3	6.0	4.3
54	ASP6004	5.0	5.3	5.2	5.0	4.4	3.3	5.3	4.0	4.3	5.0	4.3	3.7	6.7	7.0
55	Nexus XD	5.0	4.9	5.4	5.3	4.2	3.0	5.0	4.7	4.0	4.3	4.3	3.0	5.3	7.3
56	Overdrive	5.0	5.3	5.8	4.7	4.1	3.3	5.0	3.3	4.0	4.3	4.3	4.7	5.3	5.3
57	Sunshine 2	4.9	5.9	4.6	4.8	4.3	4.0	4.7	3.7	4.7	4.3	4.3	4.0	5.7	6.3
58	AF	4.9	5.5	4.5	4.7	4.8	4.7	5.3	3.3	5.3	5.7	4.7	4.7	7.7	6.3
59	Kokomo II	4.9	4.7	5.1	4.9	4.7	4.3	5.3	3.7	5.0	5.3	4.7	4.7	7.3	5.7
60	Palace	4.9	5.3	5.1	4.6	4.4	3.3	5.0	3.7	5.7	4.3	4.7	4.3	8.3	7.0

(continued)

61	Accent II	4.9	4.7	5.2	4.9	4.6	4.0	5.7	4.0	4.3	5.0	4.3	3.7	2.7	4.3
62	Silver Dollar	4.8	4.7	5.1	5.1	4.4	4.7	5.0	2.7	4.0	5.3	5.0	4.7	5.3	5.0
63	DCM	4.8	5.7	5.1	4.5	4.1	2.3	4.3	3.7	5.0	4.3	5.0	3.3	7.0	5.3
64	RAD-PR8	4.8	4.9	4.9	4.9	4.6	3.0	4.7	4.7	5.3	5.0	5.0	4.3	4.7	4.7
65	Brea	4.8	5.4	5.1	4.8	4.1	3.0	5.3	3.3	4.7	4.0	4.3	3.3	5.0	5.3
66	Goalkeeper II	4.8	5.1	4.9	4.7	4.6	3.7	5.0	4.7	4.7	5.0	4.7	3.3	2.3	5.3
67	Buena Vista	4.8	4.9	5.0	5.2	4.3	3.0	5.0	3.3	4.7	4.7	5.0	3.3	7.0	5.3
68	Pleasure Supreme	4.8	5.1	5.2	4.9	4.1	2.7	4.3	3.3	5.0	4.7	4.3	3.0	5.0	6.0
69	DP 17-9499	4.8	4.9	5.5	4.7	4.2	3.0	4.7	3.0	5.7	4.3	4.3	4.3	5.0	5.3
70	BAR Lp 4317	4.8	4.7	5.1	4.8	4.6	3.7	5.0	4.0	5.0	5.3	4.7	4.0	3.7	4.0
71	Attribute	4.8	5.0	4.9	4.8	4.5	3.0	5.3	4.0	4.7	5.3	4.7	3.7	6.7	6.7
72	Paragon GLR	4.8	5.2	4.8	5.1	4.1	3.3	4.7	3.3	4.7	4.3	4.3	4.0	7.7	5.7
73	Fusion	4.8	5.2	4.9	4.9	4.2	3.7	5.0	3.3	4.3	4.7	4.0	3.7	5.0	6.3
74	Fiesta 4	4.8	4.5	5.1	4.9	4.6	3.0	5.7	4.3	5.3	4.7	4.7	4.3	7.0	7.3
75	Transformer	4.8	4.8	4.9	4.9	4.6	3.7	5.3	2.7	6.0	5.0	4.7	4.3	5.7	4.7
76	Fiji	4.8	5.3	5.2	4.9	3.7	2.0	4.7	3.7	4.0	3.7	4.3	3.0	6.7	7.0
77	Harrier	4.8	5.0	4.7	4.9	4.6	3.3	5.0	4.0	5.7	5.0	4.3	3.7	7.7	5.3
78	Majesty II	4.8	5.5	4.8	4.8	4.1	2.7	4.3	4.7	4.3	4.0	4.3	3.7	5.0	6.7
79	Pinnacle II	4.7	5.1	5.3	4.6	4.1	3.0	4.7	3.0	5.3	4.0	4.3	5.0	5.7	6.0
80	La Quinta	4.7	5.1	4.7	4.9	4.2	3.7	5.3	3.3	4.3	4.3	4.3	3.3	5.0	6.7
81	Cabo II	4.7	5.6	4.6	4.2	4.6	3.7	5.0	3.7	5.3	5.0	4.7	3.3	6.7	6.7
82	Grand Slam 2	4.7	4.7	4.8	4.9	4.5	3.3	5.3	4.0	4.7	5.0	4.7	3.3	6.0	5.0
83	Firebolt	4.7	5.1	5.0	4.8	3.9	3.7	4.7	3.0	4.3	4.3	3.7	5.3	3.3	6.7
84	Brightstar SLT	4.7	4.5	5.1	4.8	4.4	2.7	5.3	4.0	5.0	4.7	5.0	2.3	3.7	4.7
85	Gray Star	4.7	4.5	5.1	4.8	4.2	2.7	5.7	4.3	3.7	4.3	4.3	3.0	5.0	5.3
86	Premier II	4.7	4.4	4.8	4.7	4.7	4.0	5.3	4.3	4.7	5.0	5.0	4.0	2.3	4.0
87	Ringer II	4.6	4.7	4.7	4.7	4.4	3.0	6.0	4.0	4.3	4.7	4.7	2.7	4.7	4.7
88	Gray Fox	4.6	5.0	4.5	4.6	4.4	3.7	4.7	3.3	5.7	4.7	4.3	5.0	6.3	5.0
89	PST-2BLK	4.6	4.7	5.0	4.6	4.1	4.0	5.0	3.0	4.0	4.7	4.0	4.0	6.3	5.3
90	Quicksilver	4.6	4.3	4.9	4.7	4.7	4.0	4.7	4.3	5.0	5.0	5.0	4.3	8.0	6.0
91	D04-LP05	4.6	4.8	4.7	4.7	4.3	3.3	4.0	4.0	4.7	4.7	5.0	4.7	6.3	4.7
92	Barlennium	4.6	4.9	4.6	4.4	4.5	3.3	5.3	4.0	5.0	4.3	5.0	4.7	3.3	4.3
93	ASP6005	4.6	4.5	4.7	4.8	4.3	3.7	4.7	3.3	4.7	5.0	4.3	4.0	5.3	6.3
94	Repell GLS	4.6	4.8	4.3	4.7	4.5	4.0	5.0	3.7	4.3	5.0	5.0	4.7	6.7	5.3
95	Inspire	4.6	4.3	4.6	4.9	4.4	4.0	5.0	3.0	4.3	5.3	5.0	4.0	4.0	3.7

(continued)

96	PS-2	4.6	4.9	5.0	4.3	4.1	3.0	4.7	3.3	4.3	4.7	4.7	4.0	4.7	4.7
97	Dart	4.6	4.7	4.7	4.6	4.3	4.0	5.3	2.7	4.7	4.3	4.7	4.3	6.3	5.7
98	ASP6001	4.5	5.0	4.8	4.7	3.6	2.0	4.3	3.0	5.0	3.7	3.7	2.7	3.7	6.7
99	Line Drive GLS	4.5	4.4	4.7	4.8	4.2	3.3	4.3	3.7	4.3	4.3	5.3	3.7	5.0	6.3
100	DP 17-9788	4.5	4.5	4.9	4.4	4.3	3.0	5.7	3.7	4.7	4.3	4.3	2.7	3.3	4.3
101	Caddieshack II	4.5	4.5	4.6	4.6	4.3	3.0	5.7	4.0	4.0	4.3	4.7	4.0	3.3	3.7
102	Defender	4.5	4.6	4.2	4.8	4.3	3.7	4.3	2.7	4.7	5.0	5.3	4.7	7.0	6.0
103	PM 102	4.4	4.4	4.6	4.5	4.2	3.0	5.3	3.0	5.0	4.7	4.0	3.7	4.7	7.3
104	SRX 4682	4.4	4.4	4.4	4.5	4.2	4.3	5.3	2.7	3.7	4.3	4.7	3.7	3.7	3.7
105	Pentium	4.4	4.1	4.5	4.5	4.4	3.7	5.3	2.3	5.0	5.3	5.0	3.7	4.7	2.7
106	Hawkeye 2	4.4	4.3	4.3	4.7	4.2	4.7	5.0	2.0	5.0	4.0	4.3	5.0	2.3	5.0
107	Pianist	4.4	4.7	5.0	4.0	3.7	3.0	4.0	3.0	5.0	3.7	3.7	4.0	3.7	4.0
108	Palmer IV	4.3	5.0	4.0	4.3	3.9	4.0	4.3	2.7	4.0	4.3	4.3	4.0	8.0	7.3
109	Palmer III	4.3	4.5	4.3	4.1	4.4	4.7	4.7	3.7	4.0	5.0	4.3	5.0	4.3	4.0
110	E-99	4.2	4.1	4.4	4.5	3.9	4.0	4.3	3.7	3.7	4.0	4.0	5.0	3.7	5.0
111	Phenom	4.2	4.2	4.5	4.2	4.1	4.0	5.0	3.3	4.0	4.3	3.7	5.7	5.7	5.0
112	Monterey 3	4.2	4.9	4.3	4.1	3.4	3.7	4.7	2.3	3.7	3.7	2.3	3.7	5.3	4.5
113	Panther	4.1	3.7	4.2	4.4	4.1	3.3	5.3	3.7	3.3	4.3	4.7	3.7	1.3	2.0
114	APR 1670	4.0	4.3	4.0	4.1	3.4	2.0	3.7	3.0	4.3	3.7	4.0	3.0	4.0	4.7
115	LPR 02203	3.8	3.5	4.0	3.8	3.9	3.0	4.7	3.3	4.3	4.0	4.0	3.7	1.7	2.7
116	Affinity	3.2	3.0	3.3	3.3	3.3	3.3	3.7	3.7	2.7	3.0	3.3	5.0	1.0	1.3
117	Premier	3.0	2.9	2.7	2.8	3.4	3.0	3.7	3.3	3.7	3.3	3.7	4.0	1.7	2.0
118	Pinnacle	2.7	2.3	2.8	2.9	2.8	3.0	2.7	2.0	2.7	3.0	3.3	4.0	1.3	1.3
119	Linn	1.1	1.0	1.1	1.1	1.2	1.3	1.0	1.7	1.0	1.0	1.0	3.3		1.0
120	Manhattan II														
LSD (P=.05)		0.7	0.9	1.0	0.8	0.9	1.6	1.4	1.6	1.7	1.5	1.2	1.8	0.7	0.9

¹ 9 = best turf quality

² 9 = lowest incidence of infection, both gray and pink snow mold present

³ 9 = lowest incidence of infection

³ 9 = darkest green color