

Performance of fine fescue Cooperative Turfgrass Breeder Trial at lawn height seeded August 20, 2017 at St. Paul, MN.

			----- Turfgrass Quality <sup>2</sup> -----									Red
		2018-	2018	2019	May	June	July	Aug.	Sept.	Oct.	Red	
Cultivar or Selection	Species <sup>1</sup>	2019 Ave.	Ave.	Ave.	2019	2019	2019	2019	2019	2019	Thread <sup>3</sup> July 2019	
1	PPG-FL 115	HDF	7.2	6.7	7.7	7.0	7.7	7.7	8.0	7.7	8.0	9.0
2	DLF-FL 63	HDF	6.8	6.4	7.2	6.3	7.3	7.7	7.7	7.0	7.0	8.7
3	DLF-FL 54 M3	HDF	6.7	6.3	7.1	6.7	7.3	7.3	7.3	7.7	6.3	8.7
4	PPG-FRC 120	CHF	6.6	6.5	6.7	6.7	8.0	6.7	6.7	5.3	7.0	7.0
5	Z16-RHF	HDF	6.5	6.2	6.8	6.0	7.0	7.3	7.3	7.0	6.3	7.7
6	PPG-FL 113	HDF	6.5	6.6	6.4	6.3	6.3	6.7	7.0	6.0	6.3	8.7
7	DLF-FRC 50	CHF	6.4	6.5	6.4	5.3	7.0	7.3	6.7	5.7	6.3	7.7
8	DLF-FL 64	HDF	6.3	5.9	6.8	7.0	6.7	6.7	7.7	6.7	6.0	8.3
9	DLF-FL 53 M3	HDF	6.3	6.2	6.6	6.0	7.0	7.0	6.7	6.0	6.7	8.7
10	Radar	CHF	6.2	6.2	6.2	6.3	7.7	5.7	5.3	5.7	6.3	7.7
11	Z16-RCF	CHF	6.1	6.2	6.1	5.0	6.7	7.0	6.3	5.3	6.0	8.0
12	AHF211	HDF	6.0	5.9	6.2	5.3	5.3	6.3	7.0	6.3	6.7	7.7
13	AHF222	HDF	6.0	5.9	6.2	6.3	5.0	6.0	7.0	6.3	6.3	8.7
14	DLF-FRC 54	CHF	6.0	6.0	6.0	5.7	7.3	6.0	6.0	5.3	5.7	7.3
15	AHF225	HDF	6.0	5.7	6.2	6.0	5.7	6.7	6.7	6.7	5.7	8.0
16	Beacon	HDF	5.9	5.8	6.1	5.7	5.7	6.3	6.7	6.0	6.0	7.7
17	DLF-FRC 51	CHF	5.9	5.7	6.1	6.3	7.0	6.0	5.7	5.3	6.0	6.7
18	AHF218	HDF	5.9	5.9	5.8	5.7	6.3	5.7	6.7	5.7	5.0	8.0
19	AHF205	HDF	5.9	5.4	6.3	5.7	5.3	6.7	6.7	6.7	6.7	8.3
20	PPG-FRC 118	CHF	5.8	6.1	5.6	5.7	6.0	5.0	5.3	5.3	6.3	5.7
21	SR 3150	HDF	5.8	5.7	6.1	5.7	5.3	6.7	7.0	6.0	5.7	7.3
22	ACF319	CHF	5.7	5.9	5.6	5.0	5.7	5.7	5.7	6.0	5.3	7.3
23	Sonar	CHF	5.7	5.7	5.7	5.3	6.7	6.0	6.0	5.3	5.0	5.7
24	DLF-FRC 52	CHF	5.7	5.6	5.8	5.7	6.7	6.3	5.7	5.3	5.0	7.7
25	PST-4BND	SHF	5.7	5.3	6.0	4.7	5.7	6.3	7.0	6.3	6.0	8.0
26	PST-4CR7	STCRF	5.7	5.7	5.6	4.7	6.0	6.7	6.0	5.3	5.0	7.0
27	ACF303	CHF	5.7	5.7	5.6	6.0	7.3	5.3	5.3	4.3	5.3	6.0
28	ACF314	CHF	5.6	5.5	5.6	6.0	6.0	5.3	5.3	5.0	5.7	5.0
29	ASC295	STCRF	5.6	5.8	5.3	5.7	6.0	5.3	5.3	4.7	5.0	5.0
30	ASR197	SLCRF	5.6	5.4	5.8	6.0	6.3	5.7	5.7	4.7	6.3	6.7
31	Survivor	CHF	5.6	5.7	5.4	6.0	6.0	5.3	4.7	5.0	5.7	5.7
32	Culumbra II	CHF	5.5	5.5	5.6	5.3	7.0	5.0	5.7	5.0	5.3	6.0
33	SeaMist	SLCRF	5.5	5.4	5.5	5.0	6.0	5.7	6.0	5.0	5.3	6.7
34	PPG-FRC 113	CHF	5.4	5.3	5.5	5.0	6.3	5.3	5.3	5.3	5.7	6.3
35	PST-4SWT	CHF	5.4	5.3	5.5	5.0	6.0	5.7	5.7	4.3	6.3	5.3
36	ACF328	CHF	5.4	5.4	5.4	5.7	5.7	5.3	5.3	5.3	5.0	6.0
37	ACF309	CHF	5.4	5.2	5.5	7.0	6.0	5.0	4.7	5.0	5.3	5.3
38	DLF-FRR 79	STCRF	5.3	5.2	5.5	4.7	6.0	5.7	6.0	5.3	5.3	6.0
39	PPG-FRR 115	STCRF	5.3	5.4	5.1	5.0	5.0	5.0	5.0	5.3	5.3	7.0
40	ASC359	STCRF	5.3	5.4	5.1	4.7	5.0	5.3	5.0	5.3	5.3	8.3

(continued)

41	DLF-FRR 77	STCRF	5.2	5.3	5.1	5.7	5.7	5.3	5.7	4.3	4.0	7.3
42	Bighorn GT	HDF	5.2	4.9	5.6	5.3	5.3	6.0	6.0	5.7	5.0	8.7
43	PST-4BEN	STCRF	5.2	5.5	4.8	4.3	5.0	4.7	5.3	4.7	5.0	6.3
44	Lustrous	STCRF	5.2	5.4	4.9	4.7	5.0	5.0	4.7	5.3	5.0	6.3
45	ACF327	CHF	5.2	5.3	5.1	5.0	5.0	5.7	5.7	5.3	4.0	7.3
46	PPG-FRR 116	STCRF	5.2	5.3	5.1	5.3	4.3	5.0	5.0	5.7	5.3	6.7
47	ASR175	SLCRF	5.2	5.6	4.8	4.7	4.7	4.7	4.7	4.7	5.7	6.0
48	ASC362	STCRF	5.1	5.5	4.8	4.0	4.3	5.3	4.7	5.7	5.0	7.7
49	Eureka II	HDF	5.1	4.8	5.4	4.7	4.7	6.0	6.7	5.7	5.0	8.0
50	PST-4ED4	STCRF	5.1	5.5	4.7	4.0	4.3	4.7	5.0	4.7	5.3	5.3
51	Seabreeze GT	SLCRF	5.1	5.3	4.9	4.3	4.7	4.7	5.7	4.3	5.7	6.3
52	ASC361	STCRF	5.1	5.4	4.7	4.3	4.3	5.0	4.7	5.0	4.7	6.7
53	PPG-FRR 111	STCRF	5.0	5.0	5.1	4.7	5.7	5.3	5.3	4.3	5.0	7.0
54	DLF-FRR 72 M2	STCRF	5.0	5.1	4.9	4.7	5.0	5.7	5.0	4.3	5.0	6.3
55	Shademaster III	STCRF	5.0	5.3	4.8	4.7	5.3	5.0	5.0	4.3	4.3	6.3
56	ASC354	STCRF	5.0	5.3	4.7	4.7	4.0	5.0	5.0	4.7	5.0	6.7
57	PPG-FRR 114	STCRF	5.0	5.1	4.8	5.0	5.0	5.0	5.0	4.0	5.0	6.3
58	ASC350	STCRF	4.9	5.2	4.7	4.3	4.0	5.0	5.0	5.0	5.0	7.3
59	PST-4DR4	STCRF	4.9	5.1	4.7	4.7	5.0	4.7	5.0	4.3	4.3	6.0
60	ASC347	STCRF	4.9	5.1	4.7	4.7	4.3	5.0	4.7	4.7	4.7	8.0
61	Z16-DRBM	STCRF	4.9	5.0	4.8	4.3	4.7	4.7	5.3	5.0	4.7	7.7
62	PST-4SP14	STCRF	4.8	4.9	4.7	4.7	5.0	5.0	5.0	4.3	4.3	5.0
63	ASC351	STCRF	4.8	5.1	4.6	4.3	4.3	4.7	4.7	4.3	5.0	5.7
64	ASC356	STCRF	4.8	5.1	4.6	4.7	4.0	4.3	4.7	5.0	4.7	7.3
65	ASC348	STCRF	4.8	5.1	4.4	4.0	4.0	4.3	4.3	5.3	4.7	7.3
66	Z16-DRBM2X	STCRF	4.6	4.5	4.7	4.0	4.3	4.7	5.0	4.7	5.3	7.7
67	PPG-FO 102	SHF	4.6	4.5	4.7	5.0	5.0	5.3	5.0	3.7	4.0	7.3
68	Xeric	STCRF	4.6	4.8	4.3	3.7	3.7	4.7	4.7	4.3	4.7	6.3
69	PST-4RUE	STCRF	4.5	4.6	4.4	5.0	4.0	4.7	4.7	4.0	4.0	6.7
70	DLF-FRR 75	STCRF	4.4	4.4	4.3	4.7	4.0	4.3	4.0	4.3	4.3	6.7
71	Koket	CHF	4.2	3.7	4.7	4.7	5.0	4.7	5.0	4.3	4.3	7.7
72	DLF-FRR 76	STCRF	4.0	3.9	4.0	4.0	3.3	4.0	4.0	4.0	4.7	7.3
73	PST-4GUD	HDF	3.7	4.3	3.2	3.3	2.7	3.0	3.0	3.3	3.7	6.3
74	Boreal	STCRF	3.5	3.2	3.8	4.0	3.7	4.3	3.3	3.7	4.0	7.3
LSD P=.05			0.5	0.6	0.6	0.9	1.0	1.0	0.9	1.0	1.0	1.4

<sup>1</sup> CHF = Chewings Fescue, SLCRF = Slender Creeping Red Fescue, STRF = Strong Creeping Red Fescue, HDF = Hard Fescue, SHF = Sheep Fescue

<sup>2</sup> 9 = best turfgrass quality

<sup>3</sup> 9 = lowest incidence of disease