

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

Cultivar or Selection	Species <sup>1</sup>	-----Turfgrass Quality <sup>2</sup> -----							Establishment <sup>3</sup>	Spring Green-Up <sup>4</sup>	
		2018 Avg.	May 2018	June 2018	July 2018	Aug. 2018	Sept. 2018	Oct. 2018	Oct. 2017	May 2018	
1	PPG-FL 115	HDF	6.7	4.7	7.0	7.3	8.0	7.3	6.0	3.0	4.3
2	PPG-FL 113	HDF	6.6	5.0	6.3	7.0	7.7	6.7	6.7	4.0	4.0
3	PPG-FRC 120	CHF	6.4	7.0	6.7	6.7	7.0	5.3	6.0	5.0	5.3
4	DLF-FRC 50	CHF	6.4	6.7	7.0	6.7	6.7	5.7	6.0	4.3	5.3
5	DLF-FL 63	HDF	6.4	5.0	6.7	6.7	7.7	6.3	6.0	3.7	4.0
6	DLF-FL 54 M3	HDF	6.3	5.0	7.3	7.0	7.0	6.3	5.3	3.0	4.7
7	Z16-RHF	HDF	6.2	6.0	6.0	7.3	7.0	5.3	5.7	4.7	4.0
8	Z16-RCF	CHF	6.2	7.0	7.7	6.0	6.3	5.3	4.7	5.0	4.7
9	Radar	CHF	6.2	7.0	7.0	6.0	6.0	5.3	5.7	5.0	5.0
10	DLF-FL 53 M3	HDF	6.2	4.3	6.0	6.7	7.3	6.7	6.0	3.3	4.0
11	PPG-FRC 118	CHF	6.1	6.3	6.3	6.0	6.3	5.7	5.7	5.3	4.3
12	DLF-FRC 54	CHF	6.0	6.7	7.0	6.0	6.0	5.0	5.3	5.7	4.7
13	DLF-FL 64	HDF	5.9	4.7	5.7	6.3	6.7	6.7	5.7	3.7	3.3
14	AHF218	HDF	5.9	5.7	6.0	6.0	6.7	5.7	5.7	4.0	4.7
15	ACF319	CHF	5.9	6.0	7.3	6.0	6.7	5.0	4.3	4.3	5.0
16	AHF211	HDF	5.9	5.3	6.3	5.7	6.3	6.0	5.7	4.0	5.0
17	AHF222	HDF	5.9	4.7	6.0	6.3	6.0	6.0	6.3	4.0	4.0
18	Beacon	HDF	5.8	4.7	6.0	6.0	6.7	5.7	5.7	3.3	4.3
19	ASC295	STCRF	5.8	6.3	6.3	6.0	5.7	5.3	5.0	4.7	4.7
20	AHF225	HDF	5.7	5.3	5.3	6.0	6.3	6.0	5.3	3.3	4.3
21	DLF-FRC 51	CHF	5.7	6.7	6.3	5.3	5.3	5.0	5.7	6.0	4.3
22	PST-4CR7	STCRF	5.7	5.3	5.7	5.7	6.7	5.3	5.3	4.3	5.3
23	Sonar	CHF	5.7	7.0	6.3	5.0	5.3	5.0	5.3	5.3	4.3
24	SR 3150	HDF	5.7	4.7	6.0	6.0	6.7	5.7	5.0	3.0	4.0
25	ACF303	CHF	5.7	6.7	6.3	5.3	5.7	5.0	5.0	5.7	4.3
26	Survivor	CHF	5.7	7.0	6.7	5.3	5.3	5.0	4.7	5.3	5.0
27	DLF-FRC 52	CHF	5.6	6.7	6.0	4.7	6.0	5.0	5.3	5.3	5.0
28	ASR175	SLCRF	5.6	6.0	5.7	5.3	6.0	5.0	5.3	4.0	4.7
29	PST-4BEN	STCRF	5.6	4.3	6.3	6.0	6.3	5.0	5.3	4.0	5.7
30	ACF314	CHF	5.6	5.3	5.7	5.7	6.3	5.0	5.3	5.0	4.3
31	PST-4ED4	STCRF	5.5	5.7	5.3	5.7	6.0	5.0	5.3	6.0	3.0
32	Culumbra II	CHF	5.5	6.0	6.3	5.0	5.3	5.0	5.3	5.3	3.7
33	ASC362	STCRF	5.4	5.7	6.0	5.3	6.0	5.0	4.7	5.3	5.0
34	PPG-FRR 115	STCRF	5.4	5.3	5.7	5.7	6.0	5.0	5.0	6.0	5.3
35	ASC359	STCRF	5.4	5.7	5.3	5.3	5.3	5.7	5.3	5.7	4.3
36	ASC361	STCRF	5.4	4.7	6.3	5.7	6.0	5.3	4.7	3.7	5.3
37	AHF205	HDF	5.4	4.0	5.0	5.7	6.3	6.0	5.7	3.3	4.3
38	SeaMist	SLCRF	5.4	6.7	6.0	5.0	5.3	4.7	4.7	5.7	5.0
39	ASR197	SLCRF	5.4	5.0	5.7	4.7	5.7	5.7	5.7	5.7	5.3
40	Lustrous	STCRF	5.4	6.0	5.3	5.0	5.3	5.0	5.7	4.7	5.7

(continued)

41	ACF328	CHF	5.4	5.0	6.3	5.7	5.3	5.0	5.0	5.0	5.7
42	PPG-FRC 113	CHF	5.3	5.0	6.7	5.7	6.0	4.0	4.7	3.0	5.7
43	DLF-FRR 77	STCRF	5.3	5.3	5.7	5.0	6.0	5.0	5.0	5.3	6.0
44	PST-4BND	SHF	5.3	4.7	5.7	5.7	5.0	5.7	5.3	3.3	3.3
45	ASC354	STCRF	5.3	5.0	6.3	5.0	5.0	5.7	5.0	5.3	5.7
46	PPG-FRR 116	STCRF	5.3	5.3	4.7	5.0	5.7	5.3	5.7	7.0	4.3
47	PST-4SWT	CHF	5.3	6.7	6.0	5.3	5.0	4.7	4.0	5.0	4.7
48	Seabreeze GT	SLCRF	5.3	4.3	6.0	4.7	6.0	5.3	5.3	3.7	5.0
49	Shademaster III	STCRF	5.3	5.3	5.7	5.3	5.3	5.0	5.0	4.3	5.0
50	ACF327	CHF	5.3	5.3	6.3	5.3	5.7	5.0	4.0	5.3	5.7
51	ACF309	CHF	5.2	6.3	5.7	4.3	5.0	5.0	5.0	5.0	5.7
52	DLF-FRR 79	STCRF	5.2	5.7	5.0	4.7	5.0	5.0	5.7	5.0	4.7
53	ASC350	STCRF	5.2	5.0	6.0	4.7	5.0	5.3	5.0	4.7	5.7
54	DLF-FRR 72 M2	STCRF	5.2	5.3	4.7	5.3	6.0	5.0	4.7	4.0	6.0
55	PST-4DR4	STCRF	5.1	4.7	5.3	5.3	5.7	4.7	5.0	4.3	4.7
56	ASC347	STCRF	5.1	5.0	6.0	5.3	5.0	5.0	4.3	4.3	5.0
57	ASC356	STCRF	5.1	5.0	5.3	5.0	5.7	5.0	4.7	5.7	5.3
58	PPG-FRR 114	STCRF	5.1	5.7	5.0	4.7	5.0	5.0	5.0	5.7	5.3
59	ASC348	STCRF	5.1	6.0	4.7	4.7	5.3	5.0	4.7	4.7	5.0
60	ASC351	STCRF	5.1	5.0	5.7	5.0	4.7	5.0	5.0	5.0	4.0
61	Z16-DRBM	STCRF	4.9	5.0	5.3	4.3	5.3	4.7	5.0	6.7	5.0
62	PPG-FRR 111	STCRF	4.9	4.0	5.0	5.3	5.3	5.0	5.0	3.0	5.7
63	PST-4SP14	STCRF	4.9	3.7	5.3	5.7	6.0	4.3	4.3	3.3	4.7
64	Bighorn GT	HDF	4.9	4.7	4.7	4.7	5.3	4.7	5.3	3.7	4.0
65	Xeric	STCRF	4.8	5.3	4.7	4.3	5.3	4.3	5.0	5.3	4.7
66	Eureka II	HDF	4.8	5.0	4.3	4.7	4.7	5.0	5.0	3.7	4.3
67	PST-4RUE	STCRF	4.6	4.0	4.7	4.7	5.0	5.0	4.3	2.7	4.7
68	Z16-DRBM2X	STCRF	4.5	4.0	5.0	4.7	5.0	4.3	4.0	3.3	4.7
69	PPG-FO 102	SHF	4.5	5.0	3.7	4.0	4.3	4.7	5.3	4.3	3.3
70	DLF-FRR 75	STCRF	4.4	4.3	4.7	4.0	4.3	5.0	4.3	5.3	5.3
71	PST-4GUD	HDF	4.3	5.3	4.7	4.7	3.7	4.0	3.7	3.7	4.7
72	DLF-FRR 76	STCRF	3.9	4.3	3.3	3.7	3.7	4.3	4.0	5.7	4.0
73	Koket	CHF	3.7	4.0	4.0	3.0	3.0	3.7	4.3	6.0	3.0
74	Boreal	STCRF	3.2	3.3	3.3	3.0	3.0	3.0	3.3	5.3	5.3
LSD P=.05			0.6	1.3	1.3	1.0	1.0	0.7	0.9	1.3	1.3

<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 = best establishment

<sup>4</sup> 9 = best spring green-up