

Performance of fine fescue cultivars and selections in a lawn height turf trial seeded September 2, 2016 at St. Paul, MN.

Cultivar or Selection	Species ¹	-----Turfgrass Quality ² -----						Winter	Establishment ⁴
		2017 Avg.	May 2017	June 2017	July 2017	Aug. 2017	Sept. 2017	Damage ³ May 2017	Sept. 2016
1 14-293	SHF	6.8	7.0	6.7	7.3	7.0	6.0	7.0	4.0
2 SPHD	HDF	6.8	6.0	6.0	7.3	7.3	7.3	7.3	3.0
3 MNHD-15	HDF	6.7	5.3	6.0	7.3	7.7	7.0	7.7	3.3
4 Beacon	HDF	6.2	5.7	5.7	6.8	6.7	6.3	6.8	3.2
5 67607	SHF	6.1	6.3	5.0	6.0	7.0	6.3	8.3	4.3
6 14-246	SHF	6.0	5.7	5.7	5.7	6.7	6.3	6.3	3.7
7 14-265	SHF	5.9	5.7	5.3	6.3	6.0	6.3	7.0	2.7
8 14-269	SHF	5.9	5.7	5.0	6.3	6.7	6.0	7.0	2.7
9 14-240	SHF	5.9	6.7	5.3	5.7	6.0	6.0	7.7	2.7
10 67858	HDF	5.9	5.3	5.3	6.0	6.3	6.7	6.7	5.3
11 67635	HDF	5.9	5.7	5.0	5.7	6.7	6.3	7.0	3.7
12 67641	STRF	5.9	5.7	5.0	6.0	6.3	6.3	7.0	5.3
13 67637	HDF	5.8	6.3	5.0	5.7	6.3	5.7	7.3	3.7
14 67648	STRF	5.8	6.0	5.7	5.3	6.0	6.0	5.7	5.0
15 14-257	SHF	5.7	5.3	5.3	6.0	6.3	5.7	7.0	3.3
16 67520	SHF	5.7	5.7	5.3	5.7	6.0	6.0	7.0	4.0
17 67547	HDF	5.7	5.7	5.0	6.0	6.3	5.7	7.3	3.7
18 67573	SLCRF	5.7	6.7	5.7	5.3	5.3	5.7	7.7	5.0
19 67666	CHF	5.7	5.0	5.3	5.7	6.3	6.3	6.3	4.3
20 67676	CHF	5.7	5.3	4.3	5.7	6.3	7.0	6.7	4.7
21 67845	HDF	5.7	5.0	6.3	6.0	5.7	5.7	6.7	4.3
22 67529	SHF	5.7	5.7	5.3	6.3	5.3	5.7	7.0	4.3
23 67602	SHF	5.7	6.0	4.7	6.0	6.0	5.7	7.7	4.0
24 67841	HDF	5.7	6.0	5.0	5.3	5.7	6.3	7.7	6.0
25 67574	HDF	5.6	5.3	5.3	5.3	6.0	6.0	7.3	4.7
26 67675	CHF	5.6	4.3	5.7	5.7	6.3	6.0	6.7	4.3
27 67850	HDF	5.6	5.3	5.0	5.7	5.7	6.3	6.7	5.0
28 67610	SHF	5.5	5.3	5.3	5.7	6.0	5.3	6.7	3.3
29 67829	SLCRF	5.5	6.7	5.3	5.0	5.3	5.3	8.3	5.3
30 14-261		5.5	5.7	5.0	5.3	5.7	5.7	6.7	5.0
31 14-250		5.4	5.3	5.3	6.3	5.0	5.0	6.7	2.7
32 14-263		5.4	4.7	4.3	6.0	6.0	6.0	5.3	2.7
33 14-259		5.4	5.7	5.0	5.3	5.3	5.7	7.0	3.7
34 67536	SHF	5.4	6.0	5.0	5.7	5.3	5.0	7.7	4.0
35 67667	STRF	5.4	5.3	4.7	5.3	6.0	5.7	7.7	5.3
36 67837	CHF	5.4	5.3	5.0	5.7	5.7	5.3	7.7	5.0
37 67853	HDF	5.4	6.3	5.7	5.0	4.7	5.3	7.3	4.0
38 14-288	SHF	5.3	6.0	5.0	5.7	5.0	5.0	7.3	4.3
39 14-236		5.3	5.0	4.3	5.7	6.0	5.7	6.0	2.7
40 67575	CHF	5.3	5.3	5.0	5.3	5.3	5.7	6.3	5.3

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41	14-234		5.3	4.7	4.7	5.3	6.0	5.7	6.0	2.3
42	67582	CHF	5.3	5.3	4.7	5.3	5.7	5.3	8.3	5.3
43	67583	CHF	5.3	5.7	4.3	5.3	5.3	5.7	8.0	4.3
44	67603	CHF	5.3	5.7	5.0	5.3	5.0	5.3	7.7	4.3
45	67659	CHF	5.3	4.7	5.3	5.3	5.3	5.7	6.7	5.0
46	67855	CHF	5.3	4.7	5.0	4.7	6.0	6.0	5.7	4.7
47	14-277		5.2	4.7	5.0	5.7	5.3	5.3	7.0	4.3
48	14-230		5.1	4.7	5.0	5.7	5.0	5.3	6.3	3.7
49	67599	HDF	5.1	6.3	4.3	4.7	5.0	5.3	6.3	3.7
50	67620	STRF	5.1	5.3	4.7	5.0	5.7	5.0	7.3	4.0
51	67840	STRF	5.1	5.3	4.3	5.0	5.7	5.3	7.7	5.3
52	67861	CHF	5.1	5.0	4.7	4.7	5.7	5.7	5.7	4.0
53	14-289		5.1	4.3	5.0	5.0	5.3	5.7	6.0	5.3
54	14-275		5.1	5.3	5.0	5.0	5.0	5.0	7.0	5.0
55	67513	SHF	5.1	6.7	4.7	5.0	5.0	4.0	7.7	3.7
56	67571	STRF	5.1	5.0	5.0	5.0	5.3	5.0	7.7	4.3
57	67650	CHF	5.1	4.7	4.3	5.0	5.3	6.0	5.3	4.3
58	67515	HDF	5.0	5.0	4.3	5.3	5.3	5.0	7.7	3.3
59	67550	HDF	5.0	6.3	4.7	5.0	4.7	4.3	8.0	3.3
60	67632	CHF	5.0	5.0	5.0	5.0	5.0	5.0	6.0	4.7
61	67649	STRF	5.0	6.3	4.7	5.0	4.7	4.3	8.7	5.3
62	67828	STRF	5.0	7.0	4.7	4.7	4.3	4.3	8.3	4.3
63	67831	STRF	5.0	6.3	5.0	4.7	4.3	4.7	8.7	4.7
64	14-271		4.9	4.7	4.7	5.3	5.0	5.0	7.0	3.7
65	14-228		4.9	4.7	4.7	5.3	5.0	5.0	5.0	5.0
66	14-261		4.9	5.3	4.3	4.7	5.0	5.3	7.3	4.0
67	67535	STRF	4.9	5.0	4.7	4.7	5.0	5.3	8.0	5.7
68	67581	CHF	4.9	4.7	5.0	5.0	5.0	5.0	5.3	4.7
69	67586	STRF	4.9	5.0	5.0	5.3	4.7	4.7	8.7	5.3
70	67595	STRF	4.9	4.7	4.3	5.3	5.0	5.3	7.7	5.3
71	67598	HDF	4.9	6.0	4.3	5.3	4.3	4.7	8.3	4.3
72	67826	STRF	4.9	6.3	5.0	5.0	4.0	4.3	8.0	4.7
73	Navigator II	STRF	4.9	4.7	4.2	4.9	5.2	5.6	6.2	3.7
74	14-291		4.9	5.0	5.3	4.0	5.0	5.0	6.0	4.3
75	67504	CHF	4.9	5.3	5.0	4.7	5.0	4.3	8.3	5.7
76	67505	CHF	4.9	5.3	5.0	5.0	4.7	4.3	9.0	5.3
77	67540	HDF	4.9	5.7	4.3	5.0	4.7	4.7	7.3	3.7
78	67604	CHF	4.9	4.7	4.7	4.7	5.0	5.3	5.7	4.0
79	67830	STRF	4.9	5.7	5.0	4.7	4.7	4.3	8.7	4.3
80	67538	SLRF	4.8	4.3	4.0	5.0	5.3	5.3	7.7	5.7
81	67543	HDF	4.8	5.3	4.7	4.7	5.3	4.0	7.7	4.0
82	67580	STRF	4.8	4.7	4.3	5.3	4.7	5.0	8.0	4.7
83	67615	CHF	4.8	5.0	4.3	4.7	5.0	5.0	5.3	4.0
84	67658	STRF	4.8	4.3	4.3	5.0	5.3	5.0	7.7	5.3
85	67823	STRF	4.8	6.0	5.0	5.0	4.0	4.0	8.7	4.7

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86	67630	STRF	4.7	5.7	4.3	5.0	4.3	4.3	8.3	5.3
87	67668	CHF	4.7	4.3	4.3	4.7	5.3	5.0	5.3	4.3
88	67822	STRF	4.7	6.3	4.3	4.7	4.3	4.0	8.0	5.0
89	67833	CHF	4.7	4.7	4.3	4.7	4.7	5.3	5.0	4.7
90	14-280		4.7	4.7	4.7	4.3	5.0	4.7	5.7	4.3
91	67567	STRF	4.7	4.7	4.0	5.0	4.7	5.0	7.7	4.3
92	67612	STRF	4.7	5.0	4.3	4.7	5.0	4.3	8.0	5.3
93	67824	STRF	4.7	6.0	5.0	4.3	4.0	4.0	8.7	4.7
94	14-232		4.6	5.0	4.0	4.3	4.7	5.0	6.3	4.7
95	67563	HDF	4.6	6.0	4.0	4.7	4.7	3.7	8.3	4.3
96	67584	STRF	4.6	5.7	4.7	4.0	4.0	4.7	8.3	5.0
97	67633	HDF	4.6	5.0	5.0	4.7	4.3	4.0	7.0	3.0
98	67647	CHF	4.6	4.0	4.3	4.7	5.3	4.7	5.3	4.0
99	14-273		4.5	4.0	5.0	4.3	4.7	4.7	4.7	4.3
100	14-286		4.5	4.7	4.3	5.0	4.3	4.3	5.0	5.0
101	67525	HDF	4.5	5.3	4.3	4.7	4.7	3.7	7.3	3.7
102	67553	HDF	4.5	5.7	4.0	4.7	4.3	4.0	8.0	4.0
103	67608	STRF	4.5	4.7	4.3	4.7	4.3	4.7	8.3	5.0
104	67642	CHF	4.5	4.7	4.0	5.0	4.7	4.3	5.0	5.3
105	67646	CHF	4.5	4.0	4.7	4.7	4.7	4.7	8.0	5.0
106	67852	STRF	4.5	4.7	4.3	5.0	4.7	4.0	8.3	4.4
107	ORC 126	STRF	4.5	4.0	4.3	4.7	4.7	5.0	5.3	3.0
108	14-283		4.5	4.3	5.0	4.3	4.3	4.3	5.3	4.7
109	67564	HDF	4.5	5.7	4.3	4.3	4.3	3.7	9.0	4.0
110	67579	STRF	4.5	4.3	4.0	4.7	4.7	4.7	7.7	5.3
111	67528	HDF	4.4	4.7	5.0	4.0	4.7	3.7	7.0	3.7
112	67532	STRF	4.4	5.0	4.0	4.7	4.0	4.3	8.3	6.0
113	67561	HDF	4.4	5.3	4.3	4.0	4.3	4.0	7.3	3.7
114	67609	STRF	4.4	5.0	4.3	4.3	4.0	4.3	7.7	5.3
115	14-287		4.3	4.0	4.3	4.0	4.7	4.7	5.7	4.7
116	14-244		4.3	4.3	4.0	4.3	4.7	4.3	5.0	4.7
117	14-226		4.3	4.0	5.0	4.7	4.3	3.7	5.0	4.0
118	67552	HDF	4.3	5.0	3.7	4.7	4.3	4.0	7.3	4.0
119	67838	HDF	4.3	4.0	4.7	4.3	4.3	4.3	4.7	4.0
120	67834	CHF	4.3	4.3	3.7	4.3	4.3	4.7	4.7	4.7
121	67500	STRF	4.2	5.0	4.0	4.3	3.7	4.0	7.7	5.0
122	67530	STRF	4.2	5.0	4.0	4.3	3.7	4.0	8.0	5.0
123	67557	HDF	4.2	5.0	3.7	4.0	4.3	4.0	7.7	4.3
124	67491	HDF	4.1	4.7	4.0	4.0	4.7	3.3	6.7	4.3
125	67539	STRF	4.1	5.0	4.0	4.3	3.7	3.7	8.0	4.7
126	67544	HDF	4.1	5.0	4.7	4.3	3.3	3.3	7.3	3.0
127	67559	HDF	4.1	4.7	3.7	4.0	4.3	4.0	7.0	3.3
128	67560	HDF	4.1	5.0	3.7	4.0	4.0	4.0	8.3	3.7
129	67624	STRF	4.1	4.7	4.0	4.3	4.0	3.7	7.7	5.3
130	14-248-9		4.1	3.7	4.0	4.7	4.0	4.0	4.3	5.0

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131	14-255		4.1	4.3	3.3	4.0	4.3	4.3	5.7	3.7
132	67508	STRF	4.1	4.0	3.7	4.3	4.3	4.0	7.3	5.3
133	67549	HDF	4.0	5.0	3.7	3.7	4.0	3.7	6.3	3.7
134	14-253		3.9	3.7	3.7	4.0	4.3	4.0	3.7	4.0
135	67521	HDF	3.9	4.0	4.3	3.7	4.0	3.7	6.3	3.0
136	67613	CHF	3.9	4.0	3.7	4.0	4.0	4.0	8.0	4.7
137	14-282		3.9	3.7	4.0	4.3	3.7	3.7	5.0	4.7
138	67498	HDF	3.9	5.3	3.7	4.0	3.3	3.0	6.7	3.7
139	67526	STRF	3.9	4.7	4.3	4.3	3.0	3.0	8.0	4.7
140	67558	HDF	3.9	4.3	3.7	4.0	3.7	3.7	6.3	3.3
141	67628	SLRF	3.8	4.3	3.7	4.0	3.3	3.7	6.3	4.7
142	67496	SLRF	3.6	3.7	4.0	4.0	3.0	3.3	7.0	4.7
143	Radar	CHF	3.6	3.0	3.1	3.8	4.1	3.9	3.0	4.2
144	67507	STRF	3.5	3.7	3.7	3.7	3.0	3.7	7.3	5.3
145	Windward	CHF	3.1	2.7	3.0	3.3	3.3	3.3	2.3	3.3
146	14-284 & 14-285		2.5	2.3	2.7	3.0	2.3	2.3	2.7	2.0

LSD P=.05

1.0 1.4 1.3 1.2 1.4 1.3 2.1 1.1

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

² 9 = best turfgrass quality

³ 9 = lowest incidence of damage from winter stresses

² 9 = best turfgrass establishment