

## 2003 National Fine Fescue Cultivar Trial

*Shui-zhang Fei and Rodney A. St. John*

This fine fescue trial was established in September 2003 and is part of the National Turfgrass Evaluation Program (NTEP). Similar trials are being conducted at many different locations around the US. The purpose of this trial is to evaluate the regional adaptation of 53 fine leaf fescue cultivars under non-irrigated conditions with 2 lbs N /1000 ft<sup>2</sup> per year and a mowing height of 2.5-3.5”.

This is the 2nd year of the trial. Cultivars were evaluated for turf quality each month during the growing season based on a scale of 1 to 9 with 1 being the worst quality and 9 being the best quality. The values listed in the table are averages of three replications. A grand mean of turf quality was listed in the last column. In addition to turf quality, data on genetic color (GenColor, was rated using a scale of 1-9 with 1 being light green and 9 being dark green), greenup (GreenUp)(rated on a scale of 1-9 with 1 having the worst green color and 9 having the best color in April) and percent ground coverage in the fall (GrCovFal) were also included.

**Table 1.** The 2004 visual quality and other turf attribute ratings for cultivars in the 2003 Fine Fescue Cultivar Trial.

Fine Fescue Cultivar	GenColor	GreenUp	Grcovfal	-----Visual Quality-----						Mean
				May	Jun	Jul	Aug	Sep	Oct	
PICK CRF 1-03	8.0	9.0	93.3	7.3	7.7	7.3	7.3	7.7	7.7	7.5
IS-FRR 23	8.0	8.7	90.0	7.3	7.3	7.0	7.0	7.3	7.7	7.3
Razor	7.3	8.7	95.0	7.7	7.3	7.0	6.7	7.3	8.0	7.3
C03-RCE	7.3	9.0	90.0	7.0	7.3	7.3	7.0	7.0	7.3	7.2
Oxford	7.0	9.0	91.7	8.0	6.7	6.7	6.7	7.7	7.3	7.2
Reliant IV (A01630REL)	7.3	9.0	90.0	8.0	6.7	7.0	7.3	7.3	6.7	7.2
SRX 3K	7.0	9.0	93.3	6.7	6.7	7.0	7.7	8.0	7.3	7.2
SRX 55R	8.0	9.0	95.0	6.7	6.7	6.7	7.0	7.7	7.7	7.1
Dawson E	7.0	9.0	91.7	7.3	6.7	6.7	6.3	7.3	7.7	7.0
Longfellow II	7.7	9.0	91.7	7.0	6.7	7.0	7.0	7.0	7.3	7.0
Pathfinder	7.0	9.0	91.7	7.0	7.0	6.3	6.7	7.3	7.7	7.0
PST-8000	7.7	9.0	90.0	7.0	6.7	7.0	6.7	7.3	7.3	7.0
TL 53	7.7	9.0	91.7	7.3	6.7	6.7	7.3	7.0	7.0	7.0
BMXC-S02	7.7	9.0	88.3	7.0	6.7	6.7	6.7	7.0	7.3	6.9
BUR 4601	7.7	9.0	88.3	7.3	6.7	6.7	6.7	7.3	6.7	6.9
Celestial	7.7	9.0	90.0	7.0	6.7	7.0	6.7	7.3	7.0	6.9
DP 77-9579	7.3	8.7	91.7	6.3	6.7	6.7	6.7	7.7	7.3	6.9
IS-FRR 29	7.7	9.0	93.3	7.0	7.0	6.7	6.7	7.0	7.3	6.9
Musica	7.0	9.0	91.7	7.7	6.3	6.3	7.0	7.0	7.3	6.9
5001	7.7	9.0	91.7	6.3	6.7	6.7	6.3	7.3	7.3	6.8
DLF-RCM	7.3	8.7	91.7	6.7	6.3	7.0	6.7	6.7	7.3	6.8
IS-FRR 30	7.3	9.0	91.7	7.0	6.3	6.3	6.3	7.3	7.3	6.8
PICK HF #2	7.0	9.0	90.0	7.3	6.0	6.7	7.0	6.7	7.0	6.8
Predator	7.3	9.0	93.3	7.0	6.3	6.7	6.7	7.3	7.0	6.8
PST-4TZ	7.3	8.7	90.0	7.3	6.3	6.7	6.7	7.0	7.0	6.8
Scaldis	7.0	9.0	90.0	7.0	6.7	6.3	6.3	7.7	7.0	6.8
7 Seas	7.7	9.0	90.0	6.7	6.7	6.7	6.3	7.0	7.0	6.7
Boreal	7.0	8.7	93.3	7.7	7.0	5.3	6.0	7.0	7.3	6.7
Cascade	7.7	9.0	91.7	7.3	6.0	6.3	6.3	7.0	7.0	6.7
DP 77-9360	8.0	8.7	91.7	6.7	6.7	6.3	6.3	7.0	7.3	6.7
TL1	7.3	8.7	90.0	6.7	6.7	6.7	6.3	7.0	7.0	6.7
ACF 188	8.3	9.0	90.0	7.0	6.3	6.3	6.7	6.3	6.7	6.6
DP 77-9578	7.3	9.0	90.0	6.7	6.3	6.3	6.3	6.7	7.0	6.6
DP 77-9886	7.3	9.0	91.7	6.7	6.3	6.3	6.3	6.7	7.3	6.6
Jasper II	7.3	9.0	88.3	6.0	6.7	6.7	6.0	7.3	7.0	6.6
Oracle	6.7	9.0	90.0	7.3	6.3	6.3	6.0	6.7	7.0	6.6
Seabreeze	7.0	9.0	93.3	6.7	6.7	6.0	6.0	7.0	7.3	6.6
Ambassador	8.0	9.0	86.7	7.3	6.3	6.0	6.3	6.3	6.7	6.5

<b>ASC 245</b>	8.0	9.0	90.0	6.3	6.3	6.3	6.3	7.0	6.7	6.5
<b>Audubon</b>	7.7	9.0	91.7	6.3	6.3	6.0	6.3	7.0	7.0	6.5
<b>Berkshire</b>	7.0	9.0	90.0	7.3	6.0	6.0	5.7	7.0	7.0	6.5
<b>C03-4676</b>	7.0	8.7	86.7	7.0	6.3	6.3	6.3	6.3	6.7	6.5
<b>C-SMX</b>	7.3	9.0	88.3	6.3	6.3	6.0	6.3	7.0	6.7	6.4
<b>Jamestown 5</b>	7.7	9.0	90.0	6.3	6.0	6.3	6.3	6.7	7.0	6.4
<b>SR 3000</b>	7.0	9.0	90.0	6.7	6.0	6.3	6.0	7.0	6.7	6.4
<b>SRX 51G</b>	7.7	8.7	86.7	6.3	6.0	6.3	5.7	7.0	6.7	6.3
<b>DP 77-9885</b>	8.3	9.0	86.7	6.7	5.7	6.0	6.0	6.7	6.3	6.2
<b>IS-FRC 17</b>	8.0	8.7	88.3	6.7	6.0	5.7	5.7	6.3	6.7	6.2
<b>IS-FL 28</b>	7.0	8.7	86.7	6.7	5.3	5.7	5.7	6.7	6.3	6.1
<b>Quatro</b>	7.0	9.0	88.3	6.7	5.7	5.3	5.7	6.3	7.0	6.1
<b>Shademaster</b>	7.0	8.3	90.0	6.7	6.0	5.3	6.0	6.0	6.7	6.1
<b>SPM</b>	7.0	9.0	85.0	6.7	5.7	5.3	5.7	6.7	6.3	6.1
<b>Culumbra II (ACF 174)</b>	7.7	9.0	85.0	7.3	6.0	5.0	5.3	6.3	6.0	6.0
<b>CV</b>	6.1	3.2	3.9	10.8	9.6	11.3	9.8	8.4	7.2	7.2
<b>LSD</b>	0.9	1.1	11.0	2.6	1.5	1.8	1.4	1.5	1.1	1.2