



R = 137611

2003 National Fine Fescue Cultivar Trial-2007 Data

Shui-Zhang Fei, Christopher J. Blume, and Nick Christians

The fine fescue trial was established in September of 2003 and is part of the National Turfgrass Evaluation Program (NTEP). Similar trials are being conducted at many different locations around the U.S. 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 ft² per year, and a mowing height of 2.5-3.5".

This was the 4th 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 means of three replications. A grand mean of turf quality is listed in the last column. In addition to turf quality, data on genetic color (GENCOLOR, rated using a scale of 1-9, with 1 being light green and 9 being dark green), green up (rated on a scale of 1-9, with 1 having the worst green color and 9 having the best color in April), and the percentage of ground coverage in the fall (GRCOVFAL, %) was also included. The second table contains a list of the cultivars showing the type of fine fescue that they represent and the sponsor of the variety.

Table 1. 2007 visual quality and other turf attribute ratings for cultivars in the 2003 Fine leaf Fescue Cultivar Trial.

NAME	GENCOLOR	GREENUP	GRCOVFAL	MAY	JUN	JUL	AUG	QUALITY			MEAN
								SEP	OCT		
GOTHAM (IS-FL 28)	8.3	7.7	99.0	7.0	8.3	8.7	8.7	8.7	8.7	8.3	
OXFORD	7.7	8.0	99.0	8.0	8.3	8.3	8.3	8.3	8.3	8.3	
RELIANT IV (A01630REL)	7.7	8.0	99.0	8.0	8.0	8.7	8.3	8.7	8.3	8.3	
BERKSHIRE	8.3	8.0	99.0	7.3	8.3	7.7	8.7	8.7	8.3	8.2	
PREDATOR	8.7	8.0	99.0	7.7	8.3	8.0	8.0	8.7	8.7	8.2	
SPARTAN II (PICK HF #2)	8.3	7.7	99.0	7.7	8.0	8.7	8.0	8.3	7.7	8.1	
SR 5130 (SRX 51G)	7.3	7.7	99.0	8.0	8.3	8.0	8.0	8.0	8.0	8.1	
SRX 3K	7.3	7.7	99.0	7.3	8.3	8.0	8.3	8.0	8.0	8.0	
FORTITUDE (TL 53)	7.7	8.3	99.0	7.7	7.3	7.3	8.3	8.7	8.0	7.9	
PATHFINDER	7.0	8.0	99.0	7.7	7.7	7.7	8.3	8.0	8.0	7.9	
SCALDIS	7.7	8.0	97.7	7.7	8.0	8.0	8.0	7.7	8.0	7.9	
SR 3000	8.3	8.3	99.0	7.7	8.0	7.7	8.0	8.0	8.0	7.9	
CASCADE	7.0	8.3	99.0	8.0	8.0	7.7	8.0	7.3	8.0	7.8	
DP 77-9579	7.7	7.7	99.0	7.0	8.0	7.7	8.0	8.0	8.0	7.8	
EPIC (5001)	7.7	8.0	97.7	7.3	7.7	8.0	7.7	8.0	8.3	7.8	
WENDY JEAN (C03-RCE)	7.7	8.0	99.0	8.0	7.3	7.7	7.7	8.3	8.0	7.8	
AMBASSADOR	7.3	7.7	97.7	8.0	8.0	7.0	7.3	7.7	8.0	7.7	
AUDUBON	7.7	8.0	98.7	8.0	7.7	7.0	8.0	7.3	8.0	7.7	
BMXC-S02	7.3	7.7	99.0	8.0	7.7	7.3	7.7	7.3	8.0	7.7	
DLF-RCM	7.3	7.7	98.7	7.3	7.3	7.3	7.7	8.0	8.3	7.7	
DP 77-9886	7.3	8.0	99.0	8.0	8.0	7.3	7.3	7.3	8.0	7.7	
FIREFLY (SPM)	8.0	8.0	97.3	7.0	7.7	8.0	7.7	7.7	8.0	7.7	
GARNET (PICK CRF 1-03)	7.3	8.0	99.0	7.3	7.7	7.3	8.0	7.7	8.0	7.7	
PST-8000	7.3	7.0	95.3	7.0	7.3	7.0	8.3	8.0	8.7	7.7	
SHORELINE (SRX 55R)	7.7	8.0	98.7	7.7	7.7	7.3	7.7	7.7	8.3	7.7	
TL1	7.3	8.0	97.7	7.7	7.3	7.3	8.0	8.0	8.0	7.7	
ZODIAC (BUR 4601)	8.3	8.0	97.7	7.7	8.0	7.0	7.7	7.7	8.0	7.7	
7 SEAS	7.3	8.0	98.3	7.7	8.3	7.0	7.7	7.3	7.7	7.6	

C-SMX	7.7	8.0	97.7	7.3	7.7	7.0	7.7	7.7	8.3	7.6
CELESTIAL	7.7	8.0	98.7	7.7	7.3	7.0	8.0	7.3	8.0	7.6
COMPASS (ACF 188)	8.0	8.0	99.0	7.7	7.7	7.3	7.7	7.7	7.7	7.6
DAWSON E	7.3	8.3	98.7	7.0	7.3	8.0	7.3	7.7	8.3	7.6
DP 77-9360	7.3	7.7	99.0	7.7	7.3	7.3	7.3	8.0	7.7	7.6
DP 77-9885	7.7	7.7	97.7	7.7	7.7	7.3	7.7	7.7	7.7	7.6
LONGFELLOW II	7.3	8.3	98.7	8.0	7.7	7.7	7.3	7.3	7.7	7.6
QUATRO	7.7	7.3	98.7	7.7	7.7	8.3	7.0	7.3	7.7	7.6
RAZOR	7.3	8.0	97.3	7.7	7.7	6.7	7.7	7.7	8.0	7.6
DP 77-9578	7.3	8.0	98.7	7.3	7.7	6.7	7.7	7.7	8.0	7.5
IS-FRC 17	7.7	7.7	98.7	7.0	7.7	7.7	7.7	7.3	7.7	7.5
IS-FRR 23	7.0	7.7	98.7	7.0	7.7	7.0	7.7	8.0	7.7	7.5
JASPER II	7.7	8.0	98.7	8.0	7.3	7.0	8.0	7.0	7.7	7.5
PST-4TZ	7.7	8.3	98.7	7.3	8.0	6.7	7.3	8.0	7.7	7.5
C03-4676	7.7	8.0	97.7	7.7	7.3	7.0	7.3	7.7	7.7	7.4
CARDINAL (IS-FRR 30)	7.3	8.0	98.7	7.0	7.3	7.0	8.0	7.3	7.7	7.4
IS-FRR 29	7.0	8.0	98.0	7.0	7.3	7.3	7.3	7.7	8.0	7.4
J-5 (JAMESTOWN 5)	7.3	7.7	97.7	7.3	8.0	7.0	7.3	7.3	7.7	7.4
MUSICA	7.0	8.7	98.7	7.7	8.0	6.7	7.3	7.0	7.7	7.4
ORACLE	7.0	8.0	98.7	8.0	7.3	7.0	7.7	7.3	7.3	7.4
SEABREEZE	7.3	8.0	97.3	7.3	7.7	7.3	7.3	7.3	7.7	7.4
SHADEMASTER	7.3	7.3	98.3	7.7	7.0	6.7	7.7	7.3	8.0	7.4
SPLENDOR (ASC 245)	7.3	7.3	99.0	7.3	7.0	7.0	7.7	7.7	8.0	7.4
BOREAL	7.3	8.0	99.0	7.3	7.0	7.0	7.3	7.0	7.3	7.2
CULUMBRA II (ACF 174)	8.0	8.0	97.3	7.7	7.7	7.0	7.0	6.7	7.3	7.2

LSD	1.8	1.3	3.3	1.1	1.1	0.9	1.4	0.9	1.2	0.4
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

2003 NATIONAL FINELEAF FESCUE TEST

Entries and Sponsors

Entry No.	Name	Species	Sponsor
* 1	Razor	strong creeping	Pennington Seed
* 2	Predator	hard	Pennington Seed
* 3	7 Seas	chewings	Pennington Seed
* 4	Seabreeze	slender creeping	Standard Entry
* 5	Shademaster	strong creeping	Standard Entry
* 6	Fortitude (TL 53)	strong creeping	Turf Merchants, Inc.
* 7	Celestial	strong creeping	Turf Merchants, Inc.
* 8	Firefly (SPM)	hard	Turf Merchants, Inc.
* 9	Oracle	strong creeping	Lamorna Enterprises
*10	Reliant IV (A01630Rel)	hard	ProSeeds Marketing
*11	Culumbra II (ACF 174)	chewings	ProSeeds Marketing
*12	Splendor (ASC 245)	strong creeping	ProSeeds Marketing
*13	Epic (5001)	strong creeping	ProSeeds Marketing
*14	Audubon	strong creeping	Jacklin Seed by Simplot
*15	J-5 (Jamestown 5)	chewings	Jacklin Seed by Simplot
16	C-SMX	strong creeping	Ultra-Turf
*17	Jasper II	strong creeping	Standard Entry
*18	Spartan II (Pick HF #2)	hard	Pickseed
*19	Compass (ACF 188)	chewings	Mountain View Seed, Ltd.
*20	Wendy Jean (C03-RCE)	strong creeping	The Scotts Company
21	C03-4676	strong creeping	The Scotts Company
*22	Berkshire	hard	Standard Entry
23	IS-FRR 23	strong creeping	Brett-Young Seeds
24	IS-FRR 29	strong creeping	Brett-Young Seeds
25	DLF-RCM	strong creeping	DLF Trifolium
*26	Longfellow II	chewings	Standard Entry
27	IS-FRC 17	chewings	LESCO, Inc.
*28	Quatro	sheep	Standard Entry
*29	Cardinal (IS-FRR 30)	strong creeping	Mountain View Seeds, Ltd.
*30	IS-FL 28	hard	LESCO, Inc.
31	TL1	strong creeping	LESCO, Inc.
*32	Garnet (Pick CRF 1-03)	strong creeping	Pickseed
33	BMXC-S02	strong creeping	Blue Mt. Seeds
*34	Boreal	strong creeping	Standard Entry
*35	SR 3000	hard	Standard Entry
*36	Dawson E	slender creeping	Standard Entry
*37	Scaldis	hard	Standard Entry
*38	Zodiac (BUR 4601)	chewings	Burlingham Seeds
*39	SR 5130 (SRX 51G)	chewings	Seed Research of Oregon
40	SRX 3K	hard	Seed Research of Oregon
*41	SRX 55R	slender creeping	Seed Research of Oregon
*42	Ambassador	chewings	Lebanon Turf Products
*43	Oxford	hard	Lebanon Turf Products
*44	Pathfinder	strong creeping	Lebanon Turf Products
45	DP 77-9885	chewings	DLF Trifolium
46	DP 77-9886	chewings	DLF Trifolium
47	DP 77-9578	strong creeping	DLF Trifolium
48	DP 77-9360	strong creeping	DLF Trifolium
49	DP 77-9579	strong creeping	DLF Trifolium
50	PST-4TZ	chewings	Pure-Seed Testing, Inc.
51	PST-8000	strong creeping	Pure-Seed Testing, Inc.
*52	Musica	chewings	R.A.G.T.
*53	Cascade	chewings	Standard Entry

* COMMERCIALY AVAILABLE IN THE USA IN 2007.