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2006 National Tall Fescue Cultivar Evaluation-2007 Data

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The tall fescue trial was established in the spring of 2007 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 adaptation and performance of 113 tall fescue cultivars under irrigated conditions with 2 lbs N /1000 ft² per year and a mowing height of 3 inches. A starter fertilizer with Siduron was used at establishment because the trial was established in the spring. Broadleaf herbicides were used as needed.

This is the 1st year of the trial. Cultivars were evaluated for turf quality each month during the growing season based on a scale of 9 to 1, 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 is listed in the last column. In addition to turf quality, data on percentage ground cover, in both spring and summer, and stem rust were collected (Table 1).

Table 1. 2007 ratings on turfgrass percentage ground cover, stem rust, and quality for the 2006 Tall Fescue Cultivar Trial in Ames, IA.

NAME	GRCOVSPR	GRCOVSUM	STEMRUST	JUL	AUG	SEP	OCT	QUALITY	
								MEAN	
ATM	66.7	88.3	7.0	6.7	7.0	7.7	6.0	6.8	
RK 5	58.3	90.0	7.0	6.7	6.7	7.3	6.0	6.7	
IS-TF-153	56.7	85.0	8.0	6.7	6.7	7.3	5.7	6.6	
MILLENNIUM SRP	68.3	91.7	8.0	6.7	6.7	7.7	5.3	6.6	
PST-5WMD	61.7	86.7	6.7	6.7	6.3	7.7	5.7	6.6	
SPEEDWAY (STR-8BPDx)	60.0	86.7	6.3	6.7	6.7	7.0	5.7	6.5	
CE 1	56.7	90.0	8.3	7.3	6.3	7.0	5.0	6.4	
GE-1	58.3	85.0	7.7	6.7	6.7	7.0	5.3	6.4	
K06-WA	60.0	88.3	7.3	6.3	6.3	7.0	6.0	6.4	
RK 6	66.7	88.3	7.0	6.0	6.7	7.3	5.7	6.4	
DP 50-9407	60.0	85.0	7.3	6.3	6.7	6.7	5.7	6.3	
IS-TF-128	61.7	85.0	6.3	5.7	6.7	7.0	5.7	6.3	
M4	58.3	86.7	7.0	6.3	6.0	7.3	5.3	6.3	
MONET (LTP-610 CL)	63.3	88.3	7.3	6.0	6.3	7.3	5.3	6.3	
MVS-BB-1	61.7	88.3	7.7	6.7	6.3	7.0	5.0	6.3	
RK-1	56.7	85.0	7.7	6.7	6.3	6.7	5.3	6.3	
RP 2	65.0	88.3	6.0	6.3	6.7	6.7	5.7	6.3	
TURBO	58.3	85.0	5.3	6.0	6.3	7.3	5.3	6.3	
NA-BT-1	55.0	81.7	7.3	6.3	5.7	7.3	5.3	6.2	
REBEL IV	63.3	90.0	7.0	6.7	6.0	6.7	5.3	6.2	
STR-8BB5	58.3	86.7	7.0	6.7	6.0	6.7	5.3	6.2	
TULSA III	61.7	83.3	7.0	6.3	6.0	6.7	5.7	6.2	
Z-2000	55.0	85.0	6.7	7.0	6.0	6.7	5.0	6.2	
JUSTICE	55.0	86.7	6.0	6.7	6.0	6.7	5.0	6.1	
AST-3	65.0	86.7	5.7	6.0	6.0	7.0	5.0	6.0	
BAR FA 6253	53.3	88.3	6.0	6.0	6.0	6.7	5.3	6.0	
BILTMORE	58.3	88.3	6.3	6.3	6.0	6.7	5.0	6.0	
BULLSEYE	61.7	83.3	6.7	6.3	6.3	6.3	5.0	6.0	
FIRENZA	65.0	83.3	5.7	5.7	6.7	6.3	5.3	6.0	
GO-1BFD	63.3	86.7	5.3	6.3	6.0	6.3	5.3	6.0	
HUNTER	51.7	81.7	6.7	6.3	6.0	6.7	5.0	6.0	
PSG-85QR	55.0	83.3	6.0	6.3	6.0	6.7	5.0	6.0	
06-DUST	56.7	83.3	6.7	6.0	6.0	6.7	5.0	5.9	
AST 7003	55.0	80.0	6.3	5.7	6.3	6.7	5.0	5.9	
AST-2	66.7	88.3	5.7	5.3	6.0	7.0	5.3	5.9	
AST-4	48.3	78.3	6.0	6.3	6.3	6.0	5.0	5.9	
DP 50-9411	55.0	83.3	6.7	6.0	6.0	6.7	5.0	5.9	
DP 50-9440	56.7	85.0	7.7	6.0	6.0	6.3	5.3	5.9	
ESCALADE	65.0	86.7	5.7	6.0	6.3	6.3	5.0	5.9	
IS-TF-154	58.3	83.3	7.7	6.0	6.7	6.0	5.0	5.9	

J-140	53.3	80.0	6.3	6.0	6.3	6.0	5.3	5.9
PADRE	58.3	81.7	6.0	6.7	6.0	6.0	5.0	5.9
RAD-TF17	63.3	86.7	5.3	6.0	6.0	6.7	5.0	5.9
REMBRANDT	56.7	85.0	5.3	5.7	6.7	6.3	5.0	5.9
RHAMBLER	58.3	85.0	6.3	5.7	6.3	6.7	5.0	5.9
AST-1	55.0	71.7	5.3	5.7	6.0	6.7	5.0	5.8
ATF 1247	55.0	83.3	6.7	6.0	6.0	6.3	5.0	5.8
COL-J	60.0	85.0	6.0	5.7	6.0	6.7	5.0	5.8
EINSTEIN	53.3	81.7	5.7	5.7	6.0	6.3	5.0	5.8
FALCON IV	53.3	80.0	7.0	6.3	5.7	6.3	5.0	5.8
GWTF	53.3	83.3	6.0	5.7	6.0	6.3	5.0	5.8
HEMI	50.0	83.3	5.7	6.3	5.7	6.0	5.0	5.8
IS-TF-147	56.7	85.0	6.0	6.0	5.7	6.7	4.7	5.8
IS-TF-151	56.7	80.0	6.0	5.7	6.0	6.3	5.3	5.8
JT-45	61.7	85.0	5.3	5.3	6.0	6.7	5.0	5.8
MAGELLAN	65.0	86.7	5.0	6.0	6.0	6.3	5.0	5.8
MVS-MST	51.7	80.0	5.3	5.7	6.0	6.3	5.0	5.8
MVS-TF-158	48.3	80.0	7.0	5.7	6.0	6.3	5.0	5.8
NA-SS	60.0	83.3	6.3	5.3	6.0	6.7	5.3	5.8
PSG-TTST	56.7	83.3	6.3	6.0	6.3	6.0	5.0	5.8
PST-5HP	58.3	88.3	6.0	6.3	6.0	6.3	4.7	5.8
RK 4	61.7	81.7	6.7	5.7	5.7	6.7	5.0	5.8
RKCL	61.7	83.3	7.7	5.7	6.0	6.3	5.3	5.8
RP 3	60.0	83.3	5.3	5.3	6.0	6.7	5.0	5.8
SC-1	53.3	83.3	6.0	5.7	5.7	7.0	5.0	5.8
SH 3	55.0	81.7	5.7	5.7	5.7	6.7	5.0	5.8
SKYLINE	51.7	81.7	7.0	6.3	5.7	6.3	5.0	5.8
SR 8650 (STR-8LMM)	65.0	81.7	6.0	5.3	6.0	6.3	5.3	5.8
TAHOE II	55.0	81.7	5.3	5.3	6.0	6.7	5.0	5.8
TG 50-9460	58.3	85.0	6.0	5.7	6.3	6.3	5.0	5.8
TURBO RZ (BURL-TF8)	58.3	85.0	5.3	6.0	6.0	6.0	5.0	5.8
0312	50.0	73.3	7.0	5.7	5.7	6.3	5.0	5.7
AST 7002	50.0	76.7	6.0	6.0	5.7	6.3	4.7	5.7
COL-1	50.0	81.7	5.7	5.7	5.7	6.3	5.0	5.7
IS-TF-135	53.3	80.0	6.3	5.7	6.0	6.0	5.0	5.7
KZ-1	60.0	83.3	6.3	5.3	6.0	6.3	5.0	5.7
LS-06	51.7	80.0	5.3	5.7	6.0	6.0	5.0	5.7
MVS-1107	55.0	81.7	5.0	5.7	5.7	6.3	5.0	5.7
PSG-RNDR	51.7	75.0	6.0	5.7	6.0	6.0	5.0	5.7
VAN GOGH (LTP-RK2)	53.3	83.3	5.7	5.7	5.7	6.3	5.0	5.7
ATF-1199	53.3	81.7	6.3	5.7	5.7	6.3	4.7	5.6
BGR-TF2	48.3	76.7	5.3	5.0	5.7	6.7	5.0	5.6
IS-TF-152	60.0	81.7	6.7	5.7	5.7	6.0	5.0	5.6
JT-41	60.0	86.7	5.3	5.7	5.7	6.0	5.0	5.6
JT-42	70.0	88.3	4.3	5.3	5.7	6.3	5.0	5.6
KZ-2	55.0	80.0	5.3	5.3	5.7	6.3	5.0	5.6
LS-11	58.3	80.0	5.7	5.0	6.0	6.3	5.0	5.6
PSG-TTRH	60.0	88.3	5.7	5.0	6.0	6.3	5.0	5.6
RNP	51.7	78.3	5.7	5.0	6.0	6.3	5.0	5.6
STR-8GRQR	51.7	78.3	6.3	5.7	5.7	6.0	5.0	5.6
CEZANNE RZ (LTP-CRL)	50.0	73.3	6.0	6.0	5.7	5.3	5.0	5.5
COL-M	55.0	70.0	6.7	6.0	5.3	6.0	4.7	5.5
IS-TF-159	55.0	80.0	5.7	6.0	5.7	5.7	4.7	5.5
J-130	50.0	71.7	6.0	5.7	5.3	6.0	5.0	5.5
JT-33	61.7	83.3	4.7	5.7	5.7	6.0	4.7	5.5
PLATO	58.3	86.7	5.3	6.0	6.0	5.7	4.3	5.5

ATF 1328	53.3	65.0	6.7	5.0	5.7	6.0	5.0	5.4
IS-TF-138	53.3	76.7	5.3	5.3	5.3	6.0	5.0	5.4
JT-36	65.0	81.7	4.7	5.3	5.7	5.7	5.0	5.4
LINDBERGH	68.3	86.7	5.7	6.0	5.7	5.3	4.7	5.4
ARISTOTLE	56.7	81.7	6.0	5.3	5.3	6.0	4.7	5.3
BAR FA 6363	55.0	70.0	7.7	5.7	5.0	5.7	5.0	5.3
BGR-TF1	51.7	68.3	6.0	5.0	5.7	5.7	5.0	5.3
CS-TF1	50.0	76.7	6.0	4.7	5.7	6.0	5.0	5.3
PSG-82BR	58.3	81.7	5.7	5.3	5.3	5.7	5.0	5.3
IS-TF-161	58.3	75.0	6.3	5.0	5.3	5.7	4.7	5.2
MVS-341	56.7	73.3	5.0	5.3	5.3	5.7	4.3	5.2
06-WALK	46.7	75.0	6.0	5.7	5.0	5.3	4.3	5.1
DKS	51.7	66.7	6.0	5.0	5.3	5.3	4.7	5.1
SILVERADO	61.7	86.7	4.0	5.7	5.0	5.3	4.3	5.1
AST 7001	55.0	66.7	6.0	4.0	5.3	6.0	4.7	5.0
LS-03	55.0	71.7	5.3	4.7	5.3	5.7	4.3	5.0
KY-31	68.3	85.0	5.7	5.7	5.0	4.3	3.0	4.5
LSD	17.6	18.7	1.4	2.5	1.2	1.6	0.8	1.0