

2001 Tall Fescue Cultivar Trial

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This is the second full year of the tall fescue trial that was established in September 2001 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 160 tall fescue cultivars under non-irrigated conditions with 2 lbs N /1000 ft² per year and a mowing height of 2.5-3.5".

The visual quality was evaluated monthly in 2003 from May through October (Table 1). The values listed under each month in Table 1 are the averages of visual quality ratings made on three replicated plots. Visual quality was based on a scale of 9 to 1: 9 = best quality, 6 = lowest acceptable quality, and 1 = worst quality. The yearly average of the monthly data for each cultivar was calculated and is listed in the last column (Mean). The first cultivar listed in Table 1 had the highest average visual quality rating for the entire 2003 season. The cultivars are listed in descending order by average quality. The last row states the LSD (least significant difference), which is a statistical measurement of how widely the datum in each column must vary before they are considered to be different from one another.

Data for genetic color (Gen Color) and leaf texture (Leaf Tex) were also collected in June 2003. Genetic color was rated using a 9 to 1 scale with 9 = dark and 1 = light green. Leaf texture was assessed with a 9 to 1 scale with 9 = fine and 1 = coarse texture.

Table 1. 2003 Visual ratings on turfgrass genetic color, spring greenup, leaf texture and quality, for the 2001 Tall Fescue Cultivar Trial.

Tall Fescue Cultivar	Gen Color	Greenup	Leaf Tex	-----Visual Quality-----						
				May	Jun	Jul	Aug	Sep	Oct	Mean
DAVINCI (LTP-7801)	7.7	6.3	7.7	6.3	6.7	6.7	7.0	7.3	7.0	6.8
JUSTICE (RB2-01)	7.0	6.0	8.0	6.7	6.7	6.7	6.3	7.3	6.7	6.7
TITAN LTD.	6.7	6.3	7.0	6.3	6.3	6.7	7.0	7.0	6.7	6.7
BAR FA 1005	8.0	6.7	7.0	6.0	6.3	6.0	6.7	7.7	6.7	6.6
GRANDE II	7.3	6.7	8.0	6.3	6.7	6.3	6.3	7.0	6.7	6.6
JAGUAR 3	8.0	6.7	7.0	6.3	6.7	6.3	6.7	6.7	6.7	6.6
MUSTANG 3	8.0	6.0	7.0	6.7	6.3	6.7	6.3	6.7	6.7	6.6
PICASSO	8.0	6.0	6.7	6.3	6.3	6.7	7.0	6.7	6.7	6.6
PICK TF H-97	7.0	6.3	7.0	6.3	6.7	6.3	7.0	7.0	6.3	6.6
SILVERADO II (PST-578)	6.7	6.0	7.0	6.3	6.3	6.7	6.3	7.3	6.7	6.6
01-TFOR3	7.0	6.0	7.0	6.3	6.3	6.3	6.0	7.0	6.7	6.4
ATF 704	7.0	5.7	7.0	6.0	6.3	6.3	6.7	7.0	6.3	6.4
COCHISE III (018)	7.7	6.0	7.7	6.3	6.3	6.3	5.7	7.3	6.7	6.4
DP 50-9082	7.3	6.0	7.7	6.3	6.3	6.7	6.0	7.0	6.3	6.4
FALCON IV (F-4)	7.0	6.3	7.0	6.0	6.0	6.7	6.7	6.3	6.7	6.4
GO-FL3	7.0	7.0	6.3	6.3	6.3	6.7	6.3	6.7	6.3	6.4
MILLENNIUM	7.0	6.3	7.0	6.0	6.7	6.0	6.3	7.0	6.7	6.4
UT-155	7.0	6.3	7.0	6.0	6.3	7.0	6.3	6.3	6.7	6.4
2ND MILLENNIUM	7.7	6.3	7.3	6.3	6.0	6.3	6.0	7.0	6.3	6.3
ATF-803	7.0	6.0	7.0	6.0	6.3	6.7	6.3	6.3	6.3	6.3
BLACKWATCH (PICK-OD3-01)	8.0	6.0	7.7	6.3	6.3	6.0	6.0	6.7	6.3	6.3
BRAVO	7.7	6.0	7.0	6.3	6.0	6.3	6.0	7.3	6.0	6.3
FINELAWN ELITE (DLS)	7.0	6.0	7.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3
FINESSE II	8.0	5.7	8.0	6.3	6.3	6.0	6.3	6.7	6.3	6.3
FOCUS	8.0	6.0	6.3	6.0	6.3	6.3	6.3	6.7	6.3	6.3
LEGITIMATE	8.0	6.3	7.3	6.0	6.3	6.3	6.3	6.3	6.7	6.3
MA 127	7.0	6.3	7.7	6.0	6.3	6.3	6.0	6.7	6.3	6.3
PST-5BZ	7.7	6.0	7.0	6.3	6.3	6.3	6.3	6.7	6.0	6.3
PST-5S12	7.0	6.3	7.0	6.0	6.7	6.7	6.0	6.3	6.3	6.3
QUEST	8.0	6.0	7.0	6.0	6.0	6.0	6.3	7.0	6.3	6.3
R-4	7.0	6.0	8.0	6.3	6.3	6.7	6.0	6.3	6.3	6.3
TAR HEEL	9.0	6.3	6.0	5.7	6.0	6.3	6.3	6.7	6.7	6.3
TAR HEEL II (PST-5TR1)	7.0	6.7	6.7	6.3	6.3	6.3	6.0	7.0	6.0	6.3
TITANIUM (SBM)	7.0	6.3	7.0	6.0	6.3	6.3	6.0	6.7	6.3	6.3
UT-RB3	8.0	5.7	6.0	6.3	6.3	6.3	6.3	6.0	6.3	6.3
ATF-800	8.0	5.3	6.7	6.0	6.0	6.0	6.3	6.7	6.0	6.2
BARLEXAS	7.7	6.0	7.0	6.0	6.0	6.0	6.7	6.7	6.0	6.2
BARLEXAS II	8.0	6.7	7.0	6.0	6.3	6.0	6.0	6.7	6.3	6.2
BONSAI	7.0	6.0	7.0	6.0	6.0	6.0	6.3	6.3	6.3	6.2
CIS-TF-64	7.0	6.0	7.7	6.0	6.0	6.0	6.0	7.0	6.3	6.2
COYOTE	7.3	6.0	7.0	6.3	6.3	6.7	5.7	5.7	6.3	6.2
DOMINION	7.0	6.0	6.7	6.0	6.7	6.0	6.0	6.3	6.3	6.2
DP 50-9226	7.0	6.0	7.0	6.3	6.3	6.7	5.7	5.7	6.3	6.2
INFERNO (JT-99)	7.0	6.3	7.0	6.3	6.3	6.0	6.3	6.3	6.0	6.2
K01-E09	8.0	6.0	7.0	6.0	6.3	6.3	6.0	6.3	6.3	6.2
MRF 211	8.0	6.0	7.0	6.0	5.7	6.0	6.0	7.0	6.3	6.2
MRF 25	7.7	6.3	7.0	6.0	6.3	6.3	6.0	6.3	6.3	6.2
PADRE (NJ4)	7.7	5.7	7.0	6.0	6.3	6.0	6.0	6.7	6.3	6.2

Tall Fescue Cultivar	Gen Color	Greenup	Leaf Tex	Visual Quality							Mean
				May	Jun	Jul	Aug	Sep	Oct		
PICK-00-AFA	6.7	6.0	7.7	6.3	6.0	6.0	6.0	6.3	6.3	6.2	
RAPTOR (CIS-TF-33)	7.0	6.0	7.0	6.0	6.3	6.0	6.0	6.7	6.3	6.2	
REBEL SENTRY	8.0	6.0	6.7	6.0	6.0	6.3	5.7	7.0	6.0	6.2	
REMBRANDT	7.0	6.3	7.0	5.7	6.0	6.3	6.3	6.3	6.3	6.2	
SCORPION	7.0	5.7	6.3	6.0	6.0	6.0	6.0	6.7	6.3	6.2	
SILVERSTAR (PST-5ASR)	7.7	6.0	7.0	6.0	6.0	6.0	6.7	6.0	6.3	6.2	
SOUTHERN CHOICE II	7.0	6.0	7.0	6.0	6.0	6.7	6.0	6.3	6.3	6.2	
TEMPEST	7.7	6.0	6.0	6.0	6.0	6.3	6.3	6.3	6.0	6.2	
WYATT	7.0	6.0	8.0	6.0	6.0	6.0	6.3	6.7	6.0	6.2	
01-ORU1	7.7	6.3	7.0	6.0	6.3	6.0	6.0	6.0	6.3	6.1	
B-7001	7.7	6.3	7.0	6.0	6.3	5.7	5.7	6.7	6.0	6.1	
BAR FA 1003	7.0	6.0	7.0	5.7	6.3	6.0	6.0	6.0	6.3	6.1	
BE1	7.0	6.0	7.0	6.0	6.0	6.0	6.0	6.3	6.0	6.1	
CIS-TF-65	7.7	6.0	7.0	6.0	6.3	6.0	6.3	6.0	6.0	6.1	
CONSTITUTION (ATF-593)	8.3	5.7	7.0	6.0	5.7	6.7	5.3	6.7	6.0	6.1	
ELISA	6.7	6.7	7.0	6.3	6.0	5.7	6.0	6.7	6.0	6.1	
ENDEAVOR	7.7	6.0	7.0	5.7	6.0	6.3	6.3	6.0	6.3	6.1	
FIVE POINT (MCN-RC)	7.3	6.3	7.0	6.0	6.7	5.7	6.0	6.0	6.0	6.1	
GO-RD4	8.0	6.0	7.0	6.0	6.0	6.0	6.3	6.0	6.0	6.1	
MA 138	7.3	6.0	6.0	6.0	6.0	6.3	6.0	6.0	6.0	6.1	
OLYMPIC GOLD	7.3	6.3	7.0	5.7	6.0	6.0	6.7	6.0	6.3	6.1	
PLANTATION	7.7	6.3	6.3	6.0	6.0	6.0	6.0	6.0	6.3	6.1	
PST-57E	7.7	6.0	8.0	5.7	6.0	6.0	6.0	6.7	6.3	6.1	
PST-5BAB	7.0	6.0	7.0	5.7	6.0	6.0	6.0	7.0	6.0	6.1	
PST-5T1	7.0	6.3	7.0	6.0	6.0	6.0	6.0	6.7	6.0	6.1	
REBEL EXEDA	8.0	6.3	7.0	5.7	6.0	6.0	6.0	6.3	6.3	6.1	
RIVERSIDE (PROSEEDS 5301)	8.0	6.7	8.0	5.7	5.7	6.0	6.0	6.3	6.7	6.1	
ROBERTS SM4	7.7	6.3	7.7	5.7	6.0	6.0	5.7	7.0	6.0	6.1	
SR 8250	7.7	6.3	7.0	6.0	6.3	6.3	5.7	6.0	6.3	6.1	
SR 8600	7.0	6.0	6.0	6.0	6.3	6.3	6.0	5.3	6.7	6.1	
TOMAHAWK RT	8.0	6.0	6.0	6.0	6.0	6.0	5.7	6.7	6.3	6.1	
BINGO	7.7	6.0	7.7	5.7	6.3	6.0	5.3	6.3	6.3	6.0	
CAS-ED	7.0	6.3	6.0	5.7	6.3	6.0	5.7	6.0	6.3	6.0	
CIS-TF-60	7.7	6.3	7.0	5.7	6.3	6.0	5.7	6.0	6.3	6.0	
CIS-TF-67	7.0	6.3	7.0	5.7	6.3	6.3	5.7	5.7	6.3	6.0	
DLF-J210	7.0	6.0	6.7	5.7	6.7	6.0	5.7	5.7	6.3	6.0	
FORTE (BE-2)	7.7	6.0	7.7	5.7	6.3	6.0	5.7	6.3	6.0	6.0	
PST-5A1	7.0	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
PST-5FZD	7.0	6.3	7.7	5.7	6.0	6.0	6.3	5.7	6.3	6.0	
PST-5LO	7.7	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
BARRINGTON	8.0	6.0	6.7	5.7	6.3	6.0	5.7	6.0	6.0	5.9	
COVENANT (ATF 802)	8.0	6.3	7.3	5.7	6.0	6.3	6.0	5.3	6.3	5.9	
DAYTONA (MRF 23)	7.0	6.0	6.7	5.7	6.0	6.3	5.3	6.0	6.3	5.9	
FALCON II	7.0	6.7	6.7	5.7	5.7	6.0	6.0	6.0	6.3	5.9	
GREMLIN (P-58)	7.7	6.0	6.0	5.7	6.0	6.0	6.0	6.0	6.0	5.9	
JT-6	8.0	6.0	7.0	6.0	5.7	6.0	5.7	6.7	5.7	5.9	
JTTF-2000	8.0	6.0	7.0	5.7	5.7	6.0	6.0	6.0	6.0	5.9	
K01-8007	7.7	5.7	7.0	5.7	5.7	6.0	5.7	6.7	6.0	5.9	
LANCER	8.0	6.7	7.7	5.7	6.0	5.7	6.0	6.0	6.3	5.9	
MA 158	8.0	6.3	6.3	5.7	5.7	6.0	5.3	6.7	6.0	5.9	
MASTERPIECE	7.0	6.7	7.0	6.0	6.0	6.0	5.7	6.0	6.0	5.9	
MRF 210	8.7	6.0	6.3	6.0	5.7	5.7	5.7	6.3	6.0	5.9	
MRF 27	8.0	6.3	7.3	5.7	6.0	6.0	5.7	6.0	6.0	5.9	
MRF 28	7.0	6.3	7.0	5.7	6.0	6.0	5.7	6.0	6.0	5.9	
PST-DDL	8.0	6.0	7.0	5.7	6.0	6.0	5.7	6.3	5.7	5.9	
SR 8550 (SRX 8BE4)	8.0	6.3	7.3	5.3	5.7	6.0	6.0	6.3	6.0	5.9	
SRX 805	7.7	6.0	7.0	5.7	5.7	6.0	5.7	6.7	6.0	5.9	
TAHOE (CAS-157)	8.0	6.0	6.0	5.7	6.0	6.0	5.7	6.0	6.0	5.9	
TULSA II (ATF 706)	7.3	6.0	6.3	5.7	5.7	6.0	6.3	6.0	6.0	5.9	
TURBO (CAS-MC1)	7.0	6.7	6.0	6.0	5.7	6.0	5.7	6.0	6.0	5.9	
WOLFPACK	7.0	6.0	7.0	5.7	6.0	5.7	5.7	6.0	6.3	5.9	
ATF 702	8.0	5.7	7.0	5.7	5.7	6.0	5.7	6.0	6.0	5.8	
AVENGER (L1Z)	7.0	6.0	7.0	6.0	5.7	5.7	5.7	6.0	6.0	5.8	
CAYENNE	7.0	6.3	7.0	5.7	5.7	6.0	5.3	6.0	6.0	5.8	
EA 163	7.7	6.3	7.0	5.7	6.0	6.0	5.7	5.7	6.0	5.8	
GUARDIAN-21 (ROBERTS DOL)	7.0	6.3	7.0	5.7	5.7	5.7	5.7	6.0	6.0	5.8	
JT-12	8.0	6.0	8.0	5.3	6.0	6.0	6.0	5.7	6.0	5.8	
JT-13	7.0	6.7	7.0	5.7	5.7	5.7	5.3	6.3	6.0	5.8	
LARAMIE	8.0	6.0	7.0	5.7	5.7	6.0	5.7	6.3	5.7	5.8	
MAGELLAN (OD-4)	8.0	6.0	7.0	5.7	6.0	5.7	5.7	6.7	5.3	5.8	
MATADOR	8.0	6.0	7.0	5.7	5.7	6.0	5.7	6.0	6.0	5.8	

Tall Fescue Cultivar	Gen Color	Greenup	Leaf Tex	Visual Quality						
				May	Jun	Jul	Aug	Sep	Oct	Mean
PROSPECT	7.7	6.3	7.0	5.7	5.7	5.7	6.0	6.0	6.0	5.8
PST-5K1	8.0	6.3	7.0	5.7	5.7	5.7	5.3	6.7	5.7	5.8
RENDITION	7.0	6.0	7.0	5.7	6.0	6.0	5.7	6.0	5.7	5.8
STETSON	7.0	6.7	7.0	6.0	5.7	5.7	5.7	6.0	6.0	5.8
T991	8.0	6.0	6.3	5.7	5.7	6.0	5.3	6.0	6.0	5.8
WATCHDOG	7.7	6.3	6.0	5.7	5.7	6.0	5.7	6.0	6.0	5.8
01-RUTOR2	7.7	6.0	7.0	5.7	5.3	5.7	6.0	6.3	5.3	5.7
BILTMORE	7.0	6.3	7.0	5.7	6.0	5.7	5.3	5.3	6.3	5.7
CIS-TF-77	7.0	6.0	7.0	5.7	5.7	5.7	5.3	6.3	5.7	5.7
JT-18	7.7	6.0	7.3	5.7	5.7	5.7	5.3	6.0	6.0	5.7
JT-9	8.0	6.0	7.7	5.7	6.0	5.7	5.7	5.3	5.7	5.7
K01-E03	7.0	6.3	7.7	5.7	5.7	5.7	5.3	6.3	5.7	5.7
MRF 26	8.0	6.0	7.0	5.7	5.7	5.7	6.0	5.3	5.7	5.7
PST-5JM	7.0	6.0	7.0	5.7	5.7	6.0	5.3	5.7	6.0	5.7
PST-5KU	8.0	6.0	7.0	5.7	6.0	5.7	5.3	5.0	6.3	5.7
PST-5NAS	7.7	6.3	7.7	5.3	5.7	5.7	5.3	6.0	6.0	5.7
TRACER	8.0	6.3	7.0	5.7	5.3	5.7	5.7	6.0	5.7	5.7
ATF 586	7.7	6.0	7.0	5.3	5.7	5.3	5.3	6.0	5.7	5.6
ATF 707	8.0	6.0	6.7	5.0	5.7	6.0	5.0	6.0	5.7	5.6
ATF 799	7.7	5.7	7.0	5.3	5.7	5.7	5.7	5.3	6.0	5.6
K01-WAF	7.0	5.7	7.0	5.7	5.7	5.7	5.0	6.0	5.7	5.6
KITTY HAWK 2000	7.0	6.0	6.7	5.7	5.3	5.7	5.3	5.7	6.0	5.6
TF66	8.0	6.0	6.3	5.3	5.3	5.7	5.7	6.0	5.3	5.6
BAR FA 1CR7	7.3	6.3	7.0	5.3	5.3	5.7	5.0	6.0	5.7	5.5
BARRERA	7.7	5.7	7.0	5.7	5.7	5.7	5.0	5.7	5.3	5.5
DYNASTY	7.0	6.7	7.0	5.0	5.3	6.0	5.3	6.0	5.3	5.5
GO-SIU2	7.7	6.3	6.0	5.3	5.3	6.0	5.0	5.3	6.0	5.5
ATF 806	8.0	6.0	7.0	5.3	5.0	5.0	5.3	6.0	5.7	5.4
GO-OD2	6.0	6.7	7.0	5.3	4.7	5.7	5.0	6.0	6.0	5.4
K01-8015	8.0	6.0	7.3	5.3	5.3	5.7	5.0	5.7	5.3	5.4
NA-TDD	7.0	6.0	7.3	5.0	5.3	5.3	5.0	6.0	5.7	5.4
PICK ZMG	8.0	6.0	7.0	5.7	5.3	5.3	5.0	5.7	5.7	5.4
PST-5TUO	7.0	6.0	7.0	5.3	5.3	5.3	5.3	5.3	5.7	5.4
SOUTH PAW (MRF 24)	8.0	5.7	7.0	5.3	5.0	5.7	5.3	6.0	5.3	5.4
JT-15	8.0	6.3	8.0	5.0	5.3	5.3	5.3	5.3	5.3	5.3
KALAHARI	8.0	6.3	7.0	5.0	5.7	5.0	5.0	5.3	5.7	5.3
PURE GOLD	8.0	5.7	7.0	5.0	4.7	5.3	5.0	6.0	5.7	5.3
SIGNIA	7.3	5.3	7.0	5.0	5.0	5.3	5.0	5.7	5.7	5.3
PST-53T	8.0	5.7	7.7	4.7	5.0	5.0	5.0	5.3	5.3	5.1
MRF 29	8.0	6.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
KY-31 E+	6.0	7.0	5.0	4.7	4.3	4.0	4.7	5.3	4.7	4.6
LSD	0.5	1.4	0.6	1.2	1.9	1.3	2.5	0.9	1.4	0.9