

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, an executive director and a national program coordinator. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

Executive Director - Dr. Robert Shearman, University of Nebraska

National Program Coordinator - Kevin N. Morris, National Turfgrass Federation, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. A. Douglas Brede, Jacklin Seed Company
Dr. David Chalmers, Virginia Tech University
Dr. Thomas Fermanian, University of Illinois
Ms. Crystal Rose-Fricker, Pure-Seed Testing, Inc.
Mr. Al Gardner, A-G Turf Farms, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Bridget Ruummele, University of Rhode Island

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, National Program Coordinator
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 002, Room 013
Beltsville, Maryland 20705
Phone (301) 504-5125
Fax (301) 504-5167
Internet kmorris@asrr.arsusda.gov

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LOCATIONS SUBMITTING DATA FOR 1995

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn University	AL1
Arkansas	Fayetteville	AR1
Arkansas	Fayetteville	AR2
Arizona	Tucson	AZ1
British Columbia	Vancouver	BC1
California	Santa Clara	CA1
California	Riverside	CA3
Georgia	Griffin (High pH)	GA1
Georgia	Griffin (Low pH)	GA2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	Beltsville (High maintenance)	UB1
Maryland	Beltsville (Low maintenance)	UB2
Maryland	Silver Spring	MD1
Massachusetts	Deerfield	MA1
Michigan	East Lansing	MI1
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
Missouri	New Franklin	MO2
Missouri	St. Louis	MO3
Nebraska	Lincoln (High maintenance)	NE1
Nebraska	Lincoln (Low maintenance)	NE2
Nebraska	North Platte	NE3
Nevada	Reno	NV1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
Pennsylvania	University Park (Medium maintenance)	PA1
Pennsylvania	University Park (Low maintenance)	PA2
Rhode Island	Kingston	RI1
South Dakota	Brookings	SD1
Texas	Dallas	TX1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4
Virginia	Norton	VA6
Virginia	Charlottesville	VA8
Washington	Pullman	WA1

**1992 NATIONAL TALL FESCUE TEST
Entries and Sponsors**

Entry	Name	Sponsor	Entry	Name	Sponsor	Entry	Name	Sponsor
1	Avanti	Davenport Seed Co.	41	Cochise	Ampac Seed Co.	80	Falcon	E.F. Burlingham (Standard entry)
2	Lexus	Barenbrug/USA	42	M-2	Mid-Valley Ag Products			
3	Vegas	Barenbrug/USA	43	403	Mid-Valley Ag Products	81	Falcon II (MB-21-92)	E.F. Burlingham
4	Austin	Barenbrug/USA	44	Anthem	Green Seed Co.	82	Renegade (MB-22-92)	E.F. Burlingham
5	BAR Fa 214	Barenbrug/Holding	45	Astro 2000	Green Seed Co.	83	Marksman (MB-23-92)	E.F. Burlingham
6	BAR Fa 2AB	Barenbrug/Holding	46	Apache II (PST-59D)	Pure-Seed Test., Inc.	84	Starlet (MB-24-92)	E.F. Burlingham
7	BAR Fa 0855	Barenbrug/Holding	47	Jaguar 3 (ZPS-J3)	Zajac Performance Seeds	85	Southern Choice (MB-25-92)	E.F. Burlingham
8	Genesis (GEN-91)	Genesis Group	48	Coyote (ZPS-ML)	Zajac Performance Seeds	86	PRO-9178	Seed Research, Inc.
9	Ninja (ATF 006)	Ampac Seed Co.	49	Gazelle (ZPS-VL)	Zajac Performance Seeds	87	CAS-LA20	Cascade Int'l Seed Co.
10	ATF-007	Advanta Seeds West	50	Duster (ITR-90-2)	Pennington Seed Co.	88	CAS-MA21	Cascade Int'l Seed Co.
11	FA-19	Advanta Seeds West	51	Virtue	Pennington Seed Co.	89	Debutante (WXI-208-2)	Willamette Seed Co.
12	FA-22	Advanta Seeds West	52	Palisades (OFI-TF-601)	Olsen-Fennel Seeds	90	Shenandoah	Willamette Seed Co.
13	Rebel-3D	Lofts Seed Co.	53	Chieftain II (Pick CII)	Roberts Seed Co.	91	Bonanza	Standard entry
14	Rebel, Jr.	Lofts Seed Co.	54	Sun Pro (Pick 90-10)	Pickseed West	92	Pyramid (SIU-1)	Olsen-Fennel Seed Co.
15	Bonsai	Turf Merchants, Inc. (Standard Entry)	55	Phoenix	Barenbrug/Normarc Group			
			56	Generic (Cafal01)	Cala Farms, Inc.			
16	Bonsai Plus	Turf Merchants, Inc.	57	Ky-31 no endo.	Standard entry			
17	Twilight	Turf Merchants, Inc.	58	Ky-31 w/endo.	Standard entry			
18	Mirage (KWS-DSL)	Turf Merchants, Inc.	59	Houndog V (ISI-AFE)	International Seeds, Inc.			
19	Micro DD	Turf Merchants, Inc.	60	ISI-AFA	International Seeds, Inc.			
20	Finelawn 88	Finelawn Research Corp.	61	ISI-CRC	International Seeds, Inc.			
21	Finelawn Petite	Finelawn Research Corp.	62	Avalon (ISI-ATK)	Olsen-Fennel Seed Co.			
22	Kittyhawk	Smith Seed Service	63	Duke	Cascade International			
23	Aztec	O.M. Scott & Sons Co.	64	Montauk	Cascade International			
24	Bonanza II	Proprietary Seed	65	Pixie	Jacklin Seed Co.			
25	Adobe (SFL)	O.M. Scott & Sons Co.	66	Alamo (J-1048)	Medalist America			
26	Empress (ZPS-E2)	Zajac Performance Seeds	67	Lancer	LESCO, Inc.			
27	Crossfile II (Pick 90-12)	Pickseed West	68	Trailblazer II	LESCO, Inc.			
28	Shortstop II (Pick 90-6)	Pickseed West	69	SR 8200	Seed Research, Inc.			
29	Eldorado	Turf-Seed, Inc.	70	SR 8300	Seed Research, Inc.			
30	PST-5LX	Pure-Seed Testing, Inc.	71	Grande (SR 8400)	Royal Seeds of Salem			
31	PST-5STB	Pure-Seed Testing, Inc.	72	Titan 2 (SR 8010)	Smith Seed Services			
32	PST-5PM	Pure-Seed Testing, Inc.	73	SR 8210	Seed Research, Inc.			
33	Safari	Turf-Seed, Inc.	74	Arid	Jacklin Seed Company (Standard entry)			
34	Olympic II	Turf-Seed, Inc.						
35	Coronado (PST-RDG)	Pure Seed Testing, Inc.	75	PSTF-LF	Pro-Seeds Marketing			
36	PST-5VC	Pure Seed Testing, Inc.	76	Wildcat (PSTF-200)	Pro-Seeds Marketing			
37	Silverado	Turf-Seed, Inc.	77	Heritage (PSTF-401)	Pro-Seeds Marketing			
38	PST-5DX w/endorphyte	Turf-Seed, Inc.	78	Guardian	Roberts Seed Company			
39	Tomahawk	Turf-Seed, Inc.	79	Leprechaun	Roberts Seed Company			
40	Monarch	Turf-Seed, Inc.						

TABLE A.

1995 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1992 NATIONAL TALL FESCUE TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AL1	-	-	-	-	-	-	-	-
AR1	SILT LOAM AND SILT	5.6-6.0	151-270	376-500	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
AR2	SILT LOAM AND SILT	5.6-6.0	271-450	241-375	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
AZ1	SANDY LOAM	7.6-8.5	0-60	151-240	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
BC1	SANDY LOAM	6.1-6.5	271-450	376-500	-	FULL SUN	2.1-2.5	TO PREVENT STRESS
CA1	LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA3	-	-	-	-	-	-	-	-
GA1	SANDY CLAY LOAM	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
GA2	SANDY CLAY LOAM	3.6-4.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL1	SILT LOAM AND SILT	6.1-6.5	-	-	0.0-1.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	241-375	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	6.6-7.0	0-60	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
KS2	SILT LOAM AND SILT	6.6-7.0	0-60	501+	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
KY1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
MA1	LOAM	5.6-6.0	61-150	151-240	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MD1	SAND	6.1-6.5	151-270	0-150	2.1-3.0	LIGHT SHADE	2.6-3.0	TO PREVENT DORMANCY
MI1	SANDY LOAM	7.1-7.5	-	-	-	FULL SUN	2.6-3.0	TO PREVENT STRESS
MO1	SILTY CLAY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MO2	SILTY CLAY LOAM	6.6-7.0	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MO3	SILTY CLAY LOAM	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
MS1	SANDY CLAY LOAM	6.6-7.0	271-450	2.99638	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NE1	-	-	-	-	-	-	-	-
NE2	-	-	-	-	-	-	-	-
NE3	-	-	-	-	-	-	-	-
NJ1	LOAM	6.1-6.5	151-270	241-375	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NV1	SANDY CLAY LOAM	6.6-7.0	-	-	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
PA1	SILT LOAM AND SILT	6.6-7.0	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
PA2	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	0.0-1.0	FULL SUN	3.1-3.5	NO IRRIGATION
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
SD1	SILTY CLAY LOAM	7.6-8.5	271-450	501+	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	0.0-3.5	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	5.6-6.0	271-450	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
UB2	SILT LOAM AND SILT	4.6-5.5	151-270	241-375	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
VA4	-	-	-	-	-	-	-	-
VA6	LOAM	6.6-7.0	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	NO IRRIGATION
VA8	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	2.1-3.0	FULL SUN	0.0-0.5	NO IRRIGATION
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1995

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING
AL1	X	X	X	X	X	X	X	X	X	X	X	X
AR1			X	X	X	X	X	X		X	X	
AR2			X	X	X	X	X	X		X	X	
AZ1	X	X	X	X	X	X	X	X	X	X	X	X
BC1		X	X	X	X	X	X		X	X	X	
CA1	X	X	X	X	X	X	X	X	X	X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X
GA1	X	X	X	X	X	X	X	X	X	X	X	X
GA2	X	X	X	X	X	X		X	X	X	X	X
IL1				X	X	X	X	X	X	X		
IL2			X	X	X	X	X	X	X	X		
IN1				X	X	X	X	X	X	X		
KS1				X	X	X	X	X	X	X		
KS2				X	X	X	X	X	X	X		
KY1			X	X	X	X	X	X	X	X		
MA1				X	X	X	X	X	X	X		
MD1				X	X	X	X	X	X	X		
MI1					X	X	X	X	X			
MO1				X	X	X	X	X	X	X		
MO2				X	X	X	X	X	X	X	X	
MO3				X	X	X	X	X	X	X	X	
MS1	X	X	X	X	X	X	X	X	X	X	X	X
NE1					X	X	X	X	X			
NE2					X	X	X	X	X			
NE3				X	X	X	X	X	X	X		
NJ1	X		X	X	X	X	X		X			
NJ2			X	X	X	X	X	X	X	X	X	X
NV1				X	X	X	X	X	X	X	X	
PA1					X	X	X	X	X	X		
PA2					X	X	X	X	X			
RI1					X	X	X	X	X	X	X	
SD1				X	X	X	X	X	X	X		
TX1	X			X	X	X	X	X	X	X	X	X
UB1				X	X	X	X	X	X	X	X	
UB2				X	X	X	X	X	X	X	X	
VA1				X	X	X	X	X	X	X		
VA4				X	X	X	X	X	X	X	X	X
VA6				X	X	X	X	X	X		X	
VA8	X			X	X	X	X	X	X		X	
WA1				X	X	X	X	X	X	X		

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1995

LOCATION	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL
AL1	X		X									
AR1	X		X	X	X	X					X	
AR2	X		X	X	X	X						
AZ1	X			X	X	X		X			X	
BC1		X			X							
CA1	X		X		X	X						
CA3												
GA1	X			X	X	X	X		X			
GA2	X			X		X	X		X			
IL1	X	X	X									
IL2	X		X									
IN1	X		X									
KS1	X	X	X									
KS2	X		X									
KY1	X		X									
MA1	X											
MD1	X		X									
MI1												
MO1	X	X	X					X	X			
MO2	X		X	X	X	X	X	X	X			
MO3	X	X	X	X	X	X						
MS1	X		X									
NE1	X	X	X									
NE2	X	X	X									
NE3	X	X		X	X	X						
NJ1												
NJ2	X		X									
NV1	X	X	X	X	X	X				X		
PA1	X			X	X							
PA2	X	X										
RI1	X	X	X									
SD1	X	X	X	X	X	X						X
TX1	X		X	X	X	X			X			
UB1	X	X	X									
UB2	X	X	X									
VA1		X	X									
VA4	X		X									
VA6			X									
VA8	X		X								X	
WA1	X	X	X									

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1995

LOCATION	RED THREAD	BROWN PATCH	PYTHIUM APHANIDER- MATIUM	PERCENT CRABGRASS LOW MOW	SPRING DENSITY COUNTS	DENSITY LOW MOW MAY	PERCENT GREEN TF LOW MOW	UNIFORMITY RATING	PERCENT BROWN PATCH (JULY)	PERCENT BROWN PATCH (AUGUST)
AL1										
AR1				X	X	X	X			
AR2					X					
AZ1			X							
BC1	X									
CA1										
CA3										
GA1										
GA2										
IL1										
IL2		X								
IN1		X								
KS1		X								
KS2		X								
KY1									X	X
MA1										
MD1		X								
MI1										
MO1		X								
MO2		X								
MO3										
MS1										
NE1										
NE2										
NE3								X		
NJ1										
NJ2										
NV1										
PA1		X								
PA2										
RI1										
SD1		X								
TX1										
UB1										
UB2										
VA1										
VA4		X								
VA6	X									
VA8										
WA1										

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MI1	MO1	MO2	MO3
* JAGUAR 3 (ZPS-J3)	5.4	7.2	6.9	6.9	5.7	7.6	6.0	5.0	2.2	6.4	6.4	5.9	7.1	7.9	7.8	5.5	6.4	6.5	6.0	6.1	6.4
* HOUNDG V (ISI-AFE)	5.4	7.5	6.2	7.0	6.0	7.6	6.0	4.8	2.3	6.6	7.3	5.1	7.0	7.8	8.0	5.5	6.2	5.7	5.6	6.5	6.7
* FALCON II (MB-21-92)	5.3	6.5	7.1	6.8	5.4	7.5	5.8	5.2	2.6	5.6	7.1	5.9	7.1	7.8	7.8	5.5	6.0	6.1	6.0	6.1	6.9
ISI-AFA	5.3	6.5	6.8	6.9	5.7	7.6	6.1	5.3	3.1	5.6	7.1	5.9	7.2	7.9	7.8	6.2	6.0	6.2	5.6	6.0	6.3
PST-5DX W/ENDOPHYTE	5.3	7.1	6.6	6.9	5.7	7.6	6.1	5.4	2.5	6.6	6.5	6.0	7.0	7.4	7.9	5.3	5.8	6.1	5.0	5.9	6.1
* CROSSFIRE II (PICK 90-12)	5.4	7.5	7.2	6.9	6.1	7.7	5.9	4.9	2.8	6.7	7.2	5.5	7.1	7.5	8.1	5.6	5.8	6.5	5.6	5.9	6.9
* CORONADO (PST-RDG)	5.1	7.3	7.0	6.9	5.9	7.6	6.1	5.4	3.3	6.0	7.3	5.5	7.3	7.7	7.8	5.2	5.8	5.7	5.7	5.9	6.8
* SOUTHERN CHOICE (MB-25-92)	5.4	7.2	6.7	6.9	5.3	7.7	6.0	5.3	2.9	5.6	6.4	6.0	7.3	7.6	8.1	5.2	6.4	6.3	5.4	6.1	6.5
ATF-007	5.4	7.5	6.6	6.9	5.6	7.6	6.1	5.1	2.7	5.8	6.3	5.6	7.5	7.8	7.9	5.0	5.9	6.2	5.5	6.3	7.1
* COYOTE (ZPS-ML)	5.4	7.7	6.9	7.0	5.9	7.7	5.9	5.0	2.5	5.9	7.0	5.7	7.3	7.8	8.4	5.5	5.6	5.8	5.6	5.8	5.8
* FINELAWN PETITE	5.4	7.1	6.5	6.8	5.7	7.6	6.0	5.2	3.1	6.1	6.3	5.5	7.3	7.5	7.3	5.7	5.8	6.3	6.0	6.4	6.6
* GENESIS (GEN-91)	5.4	7.1	7.0	7.0	6.1	7.6	5.9	4.8	2.2	6.2	6.4	5.6	7.3	7.9	7.8	5.4	6.1	6.3	5.7	6.5	7.0
PST-5PM	5.1	6.9	6.3	6.9	6.3	7.6	6.0	5.1	2.5	6.4	6.1	6.0	6.6	7.6	7.6	5.2	5.9	6.4	5.6	6.0	6.8
* REBEL, JR.	5.4	6.9	6.6	7.0	6.3	7.5	5.9	5.1	2.6	6.5	6.3	5.9	7.0	7.2	7.4	5.6	5.7	6.3	6.0	6.2	5.9
* LEXUS	5.4	7.5	6.8	6.9	5.7	7.4	6.1	4.8	1.6	6.4	6.4	4.8	7.8	7.9	7.6	4.8	5.8	6.1	5.8	5.8	6.9
* LANCER	5.4	7.9	6.0	7.1	5.9	7.6	5.8	5.1	2.7	5.9	6.4	5.8	7.0	7.7	7.8	4.8	6.0	6.4	5.6	5.8	6.9
* PIXIE	5.4	7.4	6.3	6.8	5.7	7.6	6.0	5.3	2.8	5.0	6.6	5.2	7.1	7.6	7.9	5.3	6.0	6.5	5.6	5.8	6.4
* GRANDE (SR 8400)	5.3	6.8	6.5	6.9	6.1	7.6	6.1	4.8	3.4	6.5	6.5	5.6	6.5	7.4	7.7	5.5	6.0	6.1	5.7	5.9	5.9
* APACHE II (PST-59D)	5.2	7.4	6.2	6.9	5.8	7.7	5.8	5.0	2.6	6.4	6.5	5.6	7.0	7.9	7.9	5.5	5.7	6.3	5.8	6.0	6.7
* EMPRESS (ZPS-E2)	5.4	6.8	6.3	7.0	5.6	7.7	6.0	5.1	2.3	6.1	6.9	5.4	7.0	7.7	8.2	5.0	6.0	6.3	5.7	5.9	6.3
* DUSTER (ITR-90-2)	5.3	7.3	6.8	6.7	6.1	7.7	5.9	4.6	1.8	5.2	6.8	5.6	6.9	7.3	7.7	5.2	5.9	6.3	6.1	5.8	6.5
* RENEGADE (MB-22-92)	5.5	6.8	6.4	6.6	5.9	7.6	5.9	5.6	2.4	5.9	6.0	5.3	6.9	7.3	7.5	4.6	6.2	6.1	5.9	5.9	6.7
* MARKSMAN (MB-23-92)	5.4	7.3	6.3	6.9	5.4	7.7	6.0	5.1	1.8	5.3	6.5	5.7	6.7	7.6	7.5	5.6	6.1	6.2	5.6	6.2	6.7
* PYRAMID (SIU-1)	5.3	6.8	6.4	7.1	5.7	7.7	6.0	4.7	2.0	5.6	6.5	6.2	7.4	7.2	7.3	5.6	5.7	6.1	5.8	6.1	5.9
* DEBUTANTE (WXI-208-2)	5.4	6.7	6.0	6.5	5.8	7.6	6.0	5.2	3.0	5.5	6.2	5.8	6.8	7.2	7.8	5.3	5.6	5.9	5.7	5.8	6.3
* MICRO DD	5.5	7.0	5.8	7.1	5.7	7.6	5.9	5.2	2.2	5.6	6.1	5.8	7.2	7.5	7.6	5.2	6.1	6.3	5.2	5.9	6.8
* STARLET (MB-24-92)	5.4	7.3	6.3	6.9	5.6	7.6	5.9	5.2	2.8	6.0	6.0	5.3	6.7	7.7	7.6	4.7	6.3	5.8	5.6	6.3	6.6
FA-19	5.3	7.0	6.5	6.9	5.7	7.6	5.9	4.9	2.5	6.2	6.5	6.1	7.1	7.3	7.7	5.3	5.5	6.1	5.3	6.0	6.3
* TOMAHAWK	5.4	6.5	6.6	7.1	5.8	7.6	6.0	5.0	2.4	5.6	6.2	5.5	7.0	7.3	6.8	4.6	6.0	5.9	5.9	5.9	5.9
* GAZELLE (ZPS-VL)	5.3	7.3	6.3	6.6	5.3	7.6	6.0	4.7	1.2	4.9	6.8	5.2	7.0	7.5	7.5	5.2	5.8	5.9	6.1	5.8	7.0
* SR 8210	5.4	7.3	6.4	6.9	5.9	7.5	5.9	5.1	1.9	5.8	5.3	5.6	6.8	7.2	7.5	4.9	5.8	6.3	6.2	5.9	6.4
* SHORTSTOP II (PICK 90-06)	5.4	7.3	6.5	6.9	6.2	7.6	6.0	4.9	2.8	5.5	7.0	5.0	7.4	7.6	7.7	5.4	5.5	5.9	5.2	5.9	5.9
* SUN PRO (PICK 90-10)	5.3	7.8	6.1	6.9	5.7	7.7	6.1	4.6	2.8	5.5	6.2	5.2	7.4	7.8	7.3	5.7	5.9	6.0	5.3	5.8	6.2
PST-5VC	5.4	6.9	6.4	6.9	6.3	7.4	5.9	5.0	2.0	5.6	5.7	6.2	7.1	7.3	7.5	5.2	5.9	5.7	5.1	6.3	5.9
* ADOBE (SFL)	5.4	7.5	6.0	6.7	5.1	7.7	5.9	5.5	2.8	6.0	6.1	6.0	6.9	7.4	7.5	5.1	5.8	5.9	5.8	5.9	5.8
* LEPRECHAUN	5.3	7.6	6.2	6.6	5.7	7.6	5.9	4.8	2.5	5.6	6.5	5.4	6.9	7.4	7.3	5.0	5.7	5.9	5.7	5.9	6.0
* ALAMO (J-1048)	5.3	6.8	6.0	6.9	5.4	7.4	6.0	5.1	2.3	6.4	6.1	5.4	6.6	7.3	7.3	5.1	5.8	6.4	6.0	5.9	6.3
* SAFARI	5.3	6.3	6.0	6.9	6.0	7.6	6.0	5.2	2.4	5.2	6.1	5.5	6.8	7.1	7.3	5.0	6.2	6.1	5.5	6.1	5.9
PST-5LX	5.3	7.0	6.4	6.8	5.4	7.5	5.9	5.3	2.0	5.6	6.1	5.0	7.0	7.6	7.8	5.0	6.2	6.1	5.4	5.7	6.6
* SR 8200	5.4	6.5	5.7	6.9	5.5	7.5	5.9	5.4	3.2	6.3	6.3	5.5	6.6	7.0	7.7	5.3	5.9	6.1	5.5	6.0	6.4
* NINJA (ATF-006)	5.4	7.6	6.6	7.1	5.9	7.6	6.0	5.0	2.8	5.0	6.4	5.8	7.0	7.7	7.5	4.1	5.7	5.8	5.1	5.8	6.7
* PALISADES (OFI-TF-601)	5.3	6.8	6.0	7.0	6.1	7.3	6.0	4.6	2.2	5.3	6.1	5.4	6.8	7.4	7.3	5.1	5.9	6.5	5.8	6.0	5.8
* DUKE	5.4	6.8	6.0	7.0	5.6	7.5	6.1	5.0	2.4	5.6	5.5	5.6	7.0	7.5	7.4	4.9	5.6	6.4	6.0	6.1	5.9
* SILVERADO	5.2	7.0	6.3	6.8	6.1	7.6	6.0	4.9	2.9	5.6	6.3	5.7	6.9	7.4	7.8	5.0	5.8	6.0	5.4	6.0	6.1
* BONSAI PLUS	5.3	6.3	6.5	6.8	5.9	7.6	5.8	5.0	3.2	6.4	6.7	5.0	6.4	7.4	7.1	4.6	5.8	6.4	5.3	5.9	6.1
BAR FA 2AB	5.2	6.6	6.5	6.8	6.5	7.3	5.8	4.5	2.5	5.7	5.9	5.2	7.0	7.5	7.1	4.7	5.6	5.8	5.7	5.8	5.8
* GUARDIAN	5.3	6.1	6.0	6.6	5.5	7.5	5.9	5.0	2.8	6.0	6.4	5.4	6.4	7.2	7.5	5.1	5.9	6.4	5.5	6.3	5.8
FA-22	5.3	7.6	6.0	6.5	6.0	7.5	5.8	4.9	2.0	5.9	6.7	5.8	6.7	7.0	7.3	5.8	6.0	6.2	5.5	6.0	5.9
* VIRTUE	5.3	6.8	6.3	6.8	6.1	7.5	5.9	4.4	1.0	5.7	5.9	5.1	7.0	7.3	7.1	5.2	5.6	6.0	6.0	5.6	6.2
* VEGAS	5.3	7.0	6.1	6.9	5.4	7.6	5.8	4.9	1.8	6.6	6.2	5.3	7.3	7.3	7.5	4.8	5.8	5.6	5.8	6.0	6.3

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MI1	MO1	MO2	MO3
* MONTAUK	5.5	7.0	6.5	6.9	4.9	7.6	6.0	4.6	2.9	5.7	5.2	5.9	6.9	7.2	7.2	4.6	6.0	6.5	5.3	5.8	6.4
* TITAN 2 (SR 8010)	5.3	6.5	6.1	6.7	5.7	7.5	5.4	5.1	2.6	5.8	5.8	5.6	6.3	6.9	7.5	5.2	6.1	6.4	5.4	6.0	6.0
* SR 8300	5.3	6.5	6.1	6.8	5.7	7.4	5.9	5.1	2.5	5.5	5.8	5.6	6.4	6.9	7.5	4.9	6.1	6.3	5.5	5.9	5.9
* COCHISE	5.3	6.6	6.0	6.6	5.9	7.6	5.9	5.0	3.2	5.2	5.8	5.7	6.5	7.5	7.4	5.1	5.9	6.3	5.9	5.9	6.2
BAR FA 0855	5.3	6.8	5.8	6.9	6.2	7.3	5.9	4.8	2.3	5.6	5.8	5.8	6.5	7.1	6.8	5.0	6.0	6.2	5.8	5.8	6.0
HERITAGE (PSTF-401)	5.3	6.5	5.7	7.0	5.7	7.4	5.8	4.6	3.2	6.5	5.4	6.0	6.7	6.6	7.5	5.1	5.9	6.6	5.5	5.9	5.6
* TRAILBLAZER II	5.3	6.3	6.1	6.9	5.4	7.6	5.8	5.1	2.1	5.3	6.0	5.4	7.0	7.3	7.7	4.1	6.0	6.3	5.1	6.0	6.3
AVALON (ISI-ATK)	5.4	7.0	5.5	6.6	5.7	7.3	5.4	4.8	2.3	6.2	5.5	5.3	6.6	7.3	7.1	5.6	5.6	6.1	5.9	6.0	5.9
* REBEL 3D	5.3	6.5	5.9	7.0	6.0	7.4	6.0	5.3	2.3	5.8	6.2	5.8	7.0	7.5	7.2	4.2	5.8	6.3	5.8	5.9	6.2
PRO-9178	5.4	6.7	5.8	6.8	6.4	7.6	5.9	4.9	2.1	5.8	6.5	5.5	6.7	7.1	7.4	4.9	5.6	6.3	5.2	6.0	6.1
M-2	5.3	6.5	6.1	6.8	5.6	7.6	6.1	5.2	2.2	5.5	6.2	6.0	6.5	7.2	7.3	4.9	5.8	6.2	5.6	6.0	5.9
403	5.4	6.5	5.7	6.8	5.9	7.6	5.6	4.9	2.7	6.0	6.5	5.5	6.6	6.9	7.3	5.3	6.0	6.5	5.0	5.8	6.1
* ELDORADO	5.3	6.8	6.3	6.9	5.3	7.4	6.0	5.0	2.9	5.5	6.3	4.8	6.9	7.2	7.8	4.8	5.5	6.3	5.8	5.6	6.1
ISI-CRC	5.4	6.5	6.0	6.7	5.4	7.5	5.8	5.1	2.3	5.7	5.5	5.0	7.0	7.1	7.4	5.0	6.0	6.2	5.4	6.3	6.0
* AVANTI	5.2	6.7	6.3	7.0	5.9	7.4	5.9	4.9	1.8	5.2	5.7	5.4	7.0	7.0	6.8	5.1	5.8	6.4	5.4	5.8	5.9
* CHIEFTAIN II (PICK CII)	5.2	6.7	5.9	6.9	5.4	7.4	5.8	4.3	2.4	6.0	5.4	5.2	6.9	7.3	7.4	4.9	6.0	6.3	5.6	5.7	6.2
* BONSAI	5.2	7.6	5.9	7.0	5.5	7.6	5.9	3.8	2.3	5.8	6.8	6.1	6.4	7.4	6.8	4.5	5.6	5.5	5.4	5.8	6.1
* MIRAGE (KWS-DSL)	5.3	7.0	6.1	6.0	5.9	7.6	5.9	5.2	2.4	5.3	5.6	5.6	6.7	7.4	7.0	4.9	5.7	6.3	5.8	5.8	6.4
* SHENANDOAH	5.3	5.9	5.8	7.0	5.6	7.3	5.9	5.0	3.2	5.0	6.2	5.4	6.2	6.5	6.8	5.2	5.9	6.5	5.7	5.9	6.0
WILDCAT (PSTF-200)	5.4	5.6	5.5	6.8	5.0	7.3	5.8	5.4	2.6	6.5	6.0	5.1	6.2	6.7	7.5	5.2	5.9	5.9	5.3	6.1	5.9
* BONANZA II	5.4	6.2	6.1	6.8	5.5	7.3	6.0	5.1	2.8	5.8	6.2	5.8	6.4	6.9	7.3	4.6	5.7	6.5	5.5	5.9	5.9
* GENERIC (CAFA 101)	5.3	6.0	5.4	6.8	5.9	7.5	5.8	4.7	2.8	6.0	6.4	5.4	6.3	6.7	7.2	5.2	6.2	6.3	5.7	6.0	6.0
PSTF-LF	5.4	6.3	5.8	6.8	5.2	7.6	5.8	5.2	3.1	6.0	5.2	5.1	6.4	7.0	7.2	4.9	5.8	6.1	5.8	6.0	6.1
BAR FA 214	5.4	7.3	5.9	6.9	5.8	7.8	5.9	4.6	1.8	6.4	5.8	6.0	6.8	6.7	7.0	4.5	5.8	6.1	5.4	5.7	5.7
* KITTYHAWK	5.3	6.8	5.8	6.9	5.9	7.5	5.8	4.9	2.2	6.1	6.3	5.1	7.0	7.1	6.9	5.0	5.9	5.9	5.5	6.0	6.1
* MONARCH	5.2	6.6	6.3	6.9	5.5	7.6	5.9	4.8	2.1	5.7	5.9	5.7	6.3	7.0	7.4	5.1	5.9	5.9	5.1	5.8	5.8
PST-5STB	5.3	7.5	5.9	6.5	5.8	7.8	6.1	4.9	2.0	5.0	5.3	5.0	6.5	6.8	6.7	4.6	5.7	5.9	5.1	5.9	5.8
* AZTEC	5.4	6.7	6.5	6.9	5.3	7.5	6.0	5.0	2.4	6.0	2.9	5.5	6.9	7.0	7.2	5.0	6.1	6.4	5.1	5.8	6.0
* FINELAWN 88	5.3	6.2	5.9	6.8	5.3	7.4	5.9	5.1	3.1	5.9	5.6	5.2	6.2	7.0	7.0	4.3	5.8	6.3	5.3	5.8	5.9
* AUSTIN	5.3	6.3	6.1	6.9	5.3	7.4	5.6	4.9	2.4	6.1	5.8	5.2	6.9	6.7	6.8	5.4	5.8	6.4	5.4	5.8	5.9
CAS-LA20	5.3	6.8	6.1	6.9	5.4	7.6	5.9	4.6	2.4	5.9	5.9	4.5	6.6	7.0	7.0	4.3	5.4	5.9	5.4	5.5	6.2
CAS-MA21	5.3	6.2	6.1	6.9	5.1	7.4	5.9	4.9	2.3	5.8	6.0	5.4	6.6	7.0	7.2	4.2	5.8	6.3	5.8	5.6	6.3
* PHOENIX	5.4	6.2	6.0	6.7	5.1	6.8	5.3	4.7	2.9	6.2	5.8	5.6	6.2	6.6	7.1	4.8	6.0	6.7	5.6	6.2	5.8
* OLYMPIC II	5.3	5.6	5.7	6.9	5.6	7.4	5.6	4.9	2.7	4.9	5.5	5.8	6.1	6.3	6.8	4.7	5.7	6.4	5.6	5.9	6.0
* ASTRO 2000	5.3	6.3	5.8	7.0	5.6	7.5	5.6	4.8	2.8	5.1	5.0	5.2	6.2	6.5	7.3	4.8	5.9	6.3	6.1	6.2	5.3
* BONANZA	5.3	5.8	5.7	6.8	5.4	6.6	6.0	4.9	2.4	4.9	5.6	5.5	6.1	6.8	6.9	5.0	5.7	6.0	5.9	5.8	5.8
* TWILIGHT	5.3	6.5	5.3	6.3	5.4	7.6	5.8	5.1	2.4	4.7	5.1	4.3	6.4	7.7	5.6	4.0	5.6	5.7	5.2	5.2	6.3
* ARID	5.4	5.3	5.1	6.7	5.2	5.9	5.3	4.7	2.6	4.8	4.0	5.3	5.8	5.9	6.8	4.9	5.6	6.1	5.5	5.7	4.9
* FALCON	5.2	5.0	5.1	6.6	5.6	6.4	5.0	4.7	2.6	5.0	5.0	4.8	5.5	5.4	6.5	4.5	5.8	6.2	5.5	5.5	5.2
* ANTHEM	5.3	4.9	4.7	6.7	5.7	5.8	4.9	4.4	2.5	5.7	4.0	5.6	5.2	5.4	6.3	3.9	5.6	5.9	5.1	5.5	4.4
* KY-31 W/ENDO.	5.3	4.0	3.8	6.3	4.7	4.3	4.0	4.0	2.6	4.4	4.0	4.0	4.2	4.3	5.3	3.8	4.7	5.1	4.9	5.4	3.8
* KY-31 NO ENDO.	5.3	4.4	4.0	6.3	4.6	4.8	4.0	4.2	1.9	4.3	4.1	3.8	4.5	4.5	5.3	3.8	4.9	5.8	5.0	5.0	3.6
LSD VALUE	0.2	0.8	0.8	0.4	1.0	0.3	0.4	0.6	1.4	1.1	1.0	0.8	0.6	0.5	0.5	1.2	0.6	0.5	0.8	0.5	0.8

* COMMERCIALY AVAILABLE IN THE USA IN 1996.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
JAGUAR 3 (ZPS-J3)	5.9	6.7	6.6	5.0	5.7	6.8	5.8	6.6	3.6	5.9	6.0	6.9	7.5	6.0	6.0	5.7	4.1	6.0	6.4	6.1
HOUNDG V (ISI-AFE)	6.2	6.5	7.0	5.3	6.1	6.1	6.3	7.1	3.7	5.9	4.8	7.0	7.7	6.1	5.8	5.7	4.1	5.6	6.6	6.1
FALCON II (MB-21-92)	5.7	7.2	6.5	5.0	5.9	6.1	6.5	6.5	3.6	6.0	5.4	6.8	7.8	6.0	6.0	5.4	4.4	6.0	6.6	6.1
ISI-AFA	6.1	7.2	6.8	4.0	5.9	6.2	6.1	6.9	3.5	5.6	5.6	6.7	7.5	6.1	6.1	5.7	4.0	6.1	6.1	6.1
PST-5DX W/ENDOHYTE	6.2	7.0	7.5	4.6	5.4	6.4	6.0	6.7	3.5	5.6	6.1	7.2	7.6	6.2	5.6	5.9	4.7	5.2	6.5	6.1
CROSSFIRE II (PICK 90-12)	5.8	6.5	5.8	4.6	6.0	6.0	6.5	6.9	3.4	5.5	5.9	6.7	7.6	5.9	5.5	5.6	3.5	5.2	6.0	6.0
CORONADO (PST-RDG)	6.2	7.1	5.5	5.1	5.7	6.1	6.3	5.9	3.9	6.0	5.7	6.6	7.5	5.7	5.7	5.8	3.6	5.4	6.5	6.0
SOUTHERN CHOICE (MB-25-92)	5.9	5.9	6.7	5.3	5.8	6.1	5.8	6.3	3.5	6.1	5.9	6.7	7.6	6.0	5.5	5.6	3.8	5.6	6.4	6.0
ATF-007	5.9	6.7	6.5	4.6	5.1	6.1	6.1	6.6	3.5	5.9	6.0	6.9	7.5	5.6	6.1	5.6	3.8	5.2	6.7	6.0
COYOTE (ZPS-ML)	5.9	6.1	6.3	5.0	5.7	6.2	5.5	6.8	3.5	6.1	5.5	6.9	7.6	6.4	5.8	5.4	3.4	5.5	6.4	6.0
FINELAWN PETITE	6.0	6.5	7.2	4.9	5.1	5.2	5.6	5.9	3.6	5.7	5.1	7.0	7.7	6.7	5.3	5.4	3.9	6.3	6.2	6.0
GENESIS (GEN-91)	5.7	6.5	5.5	4.8	5.6	6.2	5.7	6.3	3.7	5.4	4.9	6.7	7.4	6.1	5.7	5.1	3.9	5.7	6.5	6.0
PST-5PM	6.1	6.1	5.2	4.8	5.4	6.0	6.0	6.9	3.7	5.5	5.5	7.2	7.6	6.3	5.8	5.9	3.6	5.9	6.2	6.0
REBEL, JR.	6.1	5.9	5.5	5.9	5.1	5.3	6.0	6.4	3.7	5.6	5.8	6.7	7.3	6.0	5.7	5.4	4.3	6.0	6.1	6.0
LEXUS	5.8	5.8	5.7	5.6	5.5	6.3	6.3	6.6	3.3	6.8	5.6	6.9	7.4	6.1	5.6	5.7	3.2	5.3	6.4	6.0
LANCER	6.0	6.7	6.7	5.1	5.6	6.0	6.4	6.4	3.5	5.9	5.0	6.7	7.3	6.0	5.0	5.6	3.7	4.8	6.2	6.0
PIXIE	6.0	6.0	6.1	4.8	5.6	5.6	6.0	6.6	3.5	5.9	5.1	7.0	7.7	5.8	6.0	5.8	3.6	5.4	6.7	5.9
GRANDE (SR 8400)	6.0	7.3	6.7	4.6	4.8	5.1	6.0	6.4	3.7	5.5	5.5	6.8	7.1	5.8	5.6	5.4	3.9	6.2	6.1	5.9
APACHE II (PST-59D)	6.0	6.5	6.1	4.5	4.9	5.4	6.1	6.3	3.5	5.6	4.9	6.9	7.5	5.9	5.8	5.1	4.1	5.8	6.2	5.9
EMPRESS (ZPS-E2)	6.0	7.2	6.1	5.4	5.2	5.6	6.0	6.6	3.3	5.7	5.0	6.9	7.2	5.4	5.4	5.7	3.8	5.1	6.5	5.9
DUSTER (ITR-90-2)	5.8	6.3	6.3	4.8	4.7	5.5	5.7	6.8	3.6	5.8	5.7	6.8	7.6	6.2	6.0	5.3	3.7	5.2	6.5	5.9
RENEGADE (MB-22-92)	6.1	7.2	5.7	5.3	4.7	5.1	6.0	6.6	3.7	5.6	5.3	6.6	7.3	5.5	5.6	5.6	4.1	6.1	6.6	5.9
MARKSMAN (MB-23-92)	5.9	6.4	6.8	4.6	5.3	5.4	5.5	6.4	3.5	5.7	5.2	7.0	7.5	6.1	5.5	5.3	4.1	5.0	6.6	5.9
PYRAMID (SIU-1)	6.0	7.3	6.2	5.0	4.5	4.8	6.0	6.3	3.5	5.8	6.1	6.9	7.3	5.7	5.5	5.3	4.1	5.9	6.2	5.9
DEBUTANTE (WXI-208-2)	6.0	6.8	5.9	5.0	5.2	5.1	6.3	6.6	3.7	5.6	5.7	6.7	7.1	6.0	5.8	5.2	4.0	5.6	6.6	5.9
MICRO DD	5.8	5.9	6.1	5.0	5.2	5.3	5.9	6.5	3.5	6.4	5.8	6.9	7.1	5.9	5.3	5.5	3.7	5.3	6.2	5.9
STARLET (MB-24-92)	6.0	6.1	6.7	5.0	4.7	4.5	5.8	6.3	3.3	6.1	5.3	6.8	7.3	6.0	5.1	5.1	4.6	5.3	6.5	5.9
FA-19	5.8	6.8	5.8	5.0	4.8	5.5	6.0	6.6	3.6	5.3	5.2	6.8	7.0	6.1	5.5	5.0	3.7	5.1	6.5	5.9
TOMAHAWK	5.8	6.7	6.1	4.6	4.9	5.4	6.0	6.3	3.7	5.7	5.9	6.7	7.5	6.2	5.6	5.1	4.8	5.8	6.5	5.9
GAZELLE (ZPS-VL)	5.9	6.3	6.0	6.0	4.8	5.1	5.3	6.6	3.5	6.0	6.0	6.7	7.3	5.8	5.6	5.3	4.2	5.8	6.4	5.8
SR 8210	6.0	6.3	6.5	4.7	4.6	5.1	6.2	6.8	3.6	5.4	5.4	7.1	7.4	5.9	5.5	5.6	3.3	5.3	6.7	5.8
SHORTSTOP II (PICK 90-06)	5.8	5.8	6.7	5.0	5.0	5.9	6.1	6.7	3.4	5.9	4.9	7.0	7.3	5.6	5.3	4.9	3.2	4.9	6.2	5.8
SUN PRO (PICK 90-10)	6.0	6.4	5.9	4.6	4.9	5.6	5.3	6.4	3.5	5.8	5.5	6.5	7.7	5.9	5.4	5.4	3.3	5.2	6.4	5.8
PST-5VC	5.9	6.7	5.1	4.9	4.8	5.5	5.8	6.9	3.4	5.8	5.5	6.7	7.2	5.9	6.0	5.1	4.3	5.0	6.7	5.8
ADOBE (SFL)	6.1	6.4	6.3	4.3	5.1	5.6	5.4	6.5	3.3	5.6	5.2	6.8	7.1	5.9	5.4	5.4	3.8	5.4	6.0	5.8
LEPRECHAUN	5.6	6.2	6.8	5.7	5.0	5.7	6.0	6.8	3.6	5.3	5.7	6.4	7.3	5.8	5.1	5.2	3.3	4.8	6.0	5.8
ALAMO (J-1048)	6.1	6.9	6.0	4.5	4.2	5.5	6.4	6.1	3.3	5.7	5.3	6.4	7.0	5.6	5.7	5.3	3.8	5.3	6.4	5.8
SAFARI	5.9	5.5	6.0	5.3	4.9	5.9	6.3	6.1	3.7	5.2	5.9	6.7	6.9	5.8	5.6	5.4	3.7	6.1	6.2	5.8
PST-5LX	5.5	6.5	6.3	4.7	5.1	5.2	5.9	6.5	3.6	5.8	5.4	6.4	7.1	6.0	5.7	5.0	3.9	5.1	6.0	5.8
SR 8200	6.1	6.2	5.9	4.1	4.6	5.4	5.5	6.3	3.7	5.4	5.3	6.8	7.0	5.7	5.6	5.6	3.4	6.0	6.1	5.8
NINJA (ATF-006)	5.0	6.4	6.1	4.0	4.6	5.5	5.8	6.3	3.5	6.4	5.7	6.5	7.4	5.6	5.6	4.8	3.7	5.0	6.7	5.8
PALISADES (OFI-TF-601)	6.0	6.0	5.9	4.3	4.5	5.2	6.2	6.4	3.6	5.5	5.6	6.7	7.2	6.0	5.9	5.3	3.6	5.5	6.4	5.8
DUKE	6.0	5.8	6.3	4.3	4.7	5.8	5.8	6.3	3.4	5.2	5.2	6.6	7.2	5.4	5.9	5.1	4.2	5.8	6.5	5.8
SILVERADO	5.3	6.5	5.9	4.9	4.8	5.1	5.7	6.2	3.6	5.5	5.7	6.7	7.0	5.6	5.9	4.8	3.2	5.2	6.2	5.8
BONSAI PLUS	5.9	6.5	6.7	4.8	4.3	5.1	5.9	5.8	3.4	5.6	5.2	6.9	6.9	5.5	5.1	5.1	3.8	5.8	6.4	5.8
BAR FA 2AB	5.8	5.7	6.8	4.9	4.6	5.5	5.8	6.7	3.3	6.1	5.6	7.0	7.3	5.8	5.5	4.9	3.9	5.2	6.2	5.8
GUARDIAN	5.9	6.7	5.7	4.8	4.5	5.7	5.6	6.5	3.6	5.6	5.5	6.4	6.8	5.5	5.7	5.3	3.9	5.8	6.1	5.8
FA-22	5.6	5.9	6.1	5.0	4.1	5.0	5.9	6.6	3.5	5.6	4.9	7.2	6.8	5.8	5.5	5.0	4.1	5.3	6.2	5.8
VIRTUE	5.8	6.1	5.9	5.5	5.1	5.7	6.0	6.3	3.6	5.7	5.8	7.0	7.1	6.0	5.3	4.8	4.1	5.5	6.1	5.8
VEGAS	5.7	5.5	6.3	4.9	5.0	5.4	5.8	6.7	3.4	5.8	5.4	6.9	6.9	5.5	5.4	5.0	3.6	5.1	6.1	5.7

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
MONTAUK	5.7	6.4	5.9	5.4	4.5	5.4	6.4	6.4	3.5	5.6	5.0	6.7	7.1	5.6	5.4	4.9	3.6	5.3	6.3	5.7
TITAN 2 (SR 8010)	6.1	6.3	6.4	4.6	4.0	5.0	5.8	6.1	3.9	5.0	6.0	6.8	6.8	5.6	5.7	5.5	4.1	5.5	6.0	5.7
SR 8300	5.8	6.8	6.0	5.0	4.0	5.2	6.2	6.4	3.5	5.2	5.6	7.0	6.7	5.8	5.6	5.2	3.8	5.5	6.2	5.7
COCHISE	5.8	6.6	5.9	4.9	5.0	5.3	5.9	6.1	3.6	5.1	4.8	7.0	7.0	5.6	5.2	5.2	4.2	4.5	6.0	5.7
BAR FA 0855	5.7	5.9	6.5	5.0	4.5	5.1	6.0	6.9	3.7	5.6	5.8	7.0	6.5	5.3	5.1	4.6	3.6	5.8	6.2	5.7
HERITAGE (PSTF-401)	6.1	5.7	5.8	4.7	4.3	5.4	6.5	5.9	3.6	5.4	5.5	6.8	6.7	5.5	5.1	5.3	3.8	5.4	6.1	5.7
TRAILBLAZER II	5.7	6.7	6.0	4.8	4.6	5.8	5.8	6.2	3.5	5.1	5.1	6.7	7.3	5.5	5.3	5.3	4.4	5.1	6.1	5.7
AVALON (ISI-ATK)	6.1	6.0	6.7	4.2	4.4	5.4	5.9	6.4	3.4	5.2	6.1	7.1	6.8	5.4	5.4	5.4	3.9	4.9	6.2	5.7
REBEL 3D	5.6	5.7	5.5	4.7	4.7	5.3	6.3	5.7	3.5	5.7	5.4	6.4	7.0	6.0	5.1	4.8	3.9	5.1	5.9	5.7
PRO-9178	5.9	5.5	6.2	4.3	4.6	5.0	6.1	6.1	3.5	5.1	5.0	6.9	7.0	5.8	5.2	5.2	3.9	4.8	6.6	5.7
M-2	6.1	5.7	5.3	4.4	4.6	5.3	5.6	6.3	3.6	5.7	5.7	6.6	6.7	5.4	5.2	5.4	4.2	5.2	6.3	5.7
403	5.8	5.4	5.3	4.9	5.0	5.6	5.7	5.9	3.5	5.4	5.3	6.7	7.1	5.6	5.3	5.1	4.0	5.0	6.0	5.7
ELDORADO	5.5	5.9	6.0	4.0	5.1	5.6	6.4	5.2	3.6	5.8	4.9	6.7	7.3	5.7	5.3	5.1	4.1	4.9	5.8	5.7
ISI-CRC	6.0	6.9	5.7	4.1	4.2	5.0	5.8	6.6	3.6	5.1	5.5	7.2	6.8	5.3	5.4	5.3	3.7	5.0	6.0	5.7
AVANTI	5.9	5.3	5.9	4.8	4.3	5.1	5.6	6.8	3.8	5.7	5.8	6.4	6.8	5.9	5.5	4.7	4.2	5.3	6.2	5.7
CHIEFTAIN II (PICK CII)	5.8	6.1	5.5	4.7	4.6	4.9	5.5	6.4	3.6	5.6	5.4	6.9	7.0	6.0	5.4	5.0	4.0	5.0	5.8	5.7
BONSAI	5.6	6.6	5.3	4.6	4.7	4.7	5.6	6.0	3.3	5.4	5.8	7.1	7.1	5.8	4.9	5.3	3.6	5.0	6.7	5.7
MIRAGE (KWS-DSL)	5.1	6.3	5.8	5.2	4.5	5.1	6.1	5.8	3.4	6.0	5.5	6.8	6.8	5.2	5.2	4.7	3.4	5.1	6.2	5.6
SHENANDOAH	5.8	6.5	5.5	5.0	4.4	4.7	6.1	5.9	3.6	5.2	5.7	6.8	6.7	5.5	5.3	5.1	4.0	5.6	6.2	5.6
WILDCAT (PSTF-200)	6.0	5.4	5.3	4.7	4.7	5.2	6.3	6.2	3.7	5.7	5.8	7.1	6.7	5.5	5.2	5.4	4.1	5.0	5.9	5.6
BONANZA II	5.8	4.7	5.7	4.6	3.8	5.0	6.4	6.0	3.3	5.6	4.8	7.0	7.0	5.8	5.5	5.4	3.9	5.4	5.9	5.6
GENERIC (CAFA 101)	5.8	5.7	5.7	4.1	4.2	5.0	5.8	6.7	3.7	4.9	5.5	6.7	6.7	5.3	5.5	5.0	4.2	5.3	5.9	5.6
PSTF-LF	6.1	6.0	5.4	5.0	3.8	4.8	6.3	5.2	3.7	5.4	5.4	6.7	6.7	4.7	5.2	5.4	3.6	5.9	6.0	5.6
BAR FA 214	5.7	6.7	5.7	4.5	4.1	5.1	5.8	5.7	3.6	4.9	5.2	7.0	6.7	5.3	5.6	4.9	3.6	4.9	5.9	5.6
KITTYHAWK	6.0	5.3	5.0	3.9	4.1	4.1	6.2	6.0	3.6	5.1	5.1	7.0	6.8	5.5	5.2	5.0	4.2	5.3	6.2	5.6
MONARCH	5.9	5.9	5.5	3.7	4.1	4.5	5.9	5.6	3.6	5.6	5.4	7.0	7.0	5.2	5.4	4.9	3.8	5.4	6.2	5.6
PST-5STB	5.3	6.4	6.1	4.9	4.8	4.7	6.0	6.2	3.5	5.6	5.4	6.9	6.7	5.6	4.7	5.0	3.7	5.1	6.1	5.6
AZTEC	5.5	5.3	5.6	4.0	4.5	5.2	5.8	6.4	3.5	5.4	5.3	6.6	7.2	5.9	5.2	5.0	3.7	5.2	6.0	5.6
FINELAWN 88	5.8	5.8	5.9	4.2	4.0	5.1	6.3	5.9	3.5	5.2	5.6	6.7	6.4	5.6	5.2	4.6	4.2	5.5	5.8	5.6
AUSTIN	5.8	5.3	5.3	3.8	4.5	5.0	6.0	6.0	3.5	5.2	5.9	6.8	6.5	5.2	5.4	4.7	4.2	5.6	5.4	5.6
CAS-LA20	6.0	5.7	5.7	4.5	4.3	4.9	5.5	6.6	3.2	5.5	5.1	6.4	6.5	5.7	5.2	5.0	4.1	5.5	6.3	5.6
CAS-MA21	5.9	5.5	5.6	4.4	3.6	4.7	5.9	6.3	3.3	5.3	5.4	6.8	6.7	5.3	5.4	4.7	4.1	5.5	6.1	5.6
PHOENIX	6.0	6.0	5.0	4.3	3.8	4.6	5.4	5.7	3.7	5.0	5.4	6.8	6.3	4.7	5.4	5.3	4.2	5.5	6.0	5.5
OLYMPIC II	5.9	6.2	5.9	4.9	3.8	4.7	5.7	6.0	3.8	5.1	5.4	6.9	6.3	4.8	5.2	4.8	4.3	5.6	6.2	5.5
ASTRO 2000	5.8	5.9	5.3	4.8	4.0	4.7	5.8	5.9	3.6	4.7	5.0	6.2	6.3	5.0	5.0	4.8	4.1	5.3	6.0	5.5
BONANZA	5.8	5.9	5.1	4.5	3.5	4.4	6.2	6.1	3.4	5.0	5.3	6.7	6.5	5.4	5.0	4.8	4.3	5.3	5.9	5.4
TWILIGHT	5.1	5.9	5.7	3.5	3.2	4.0	6.3	4.1	3.4	6.9	4.4	6.7	5.8	5.0	4.1	4.4	3.6	5.3	5.4	5.2
ARID	5.6	6.1	5.6	4.4	3.3	3.9	5.4	5.3	3.5	5.0	5.6	6.8	6.0	4.8	5.0	4.6	3.8	5.3	6.0	5.2
FALCON	5.7	5.7	5.5	4.0	3.1	3.5	6.1	5.1	3.7	4.6	5.4	6.4	5.9	4.8	4.7	4.2	3.6	5.3	5.6	5.1
ANTHEM	5.3	5.9	5.1	4.8	3.1	3.2	5.4	5.1	3.8	4.1	4.6	6.5	5.7	4.2	4.8	4.6	3.7	4.8	5.4	4.9
KY-31 W/ENDO.	4.9	4.5	5.6	4.4	2.2	2.0	5.3	3.7	3.6	2.9	4.7	6.0	4.8	3.9	4.0	4.0	4.1	4.4	4.3	4.3
KY-31 NO ENDO.	4.6	4.8	5.3	4.0	2.2	2.1	5.3	3.7	3.5	2.7	4.8	5.9	4.6	3.6	4.0	3.4	3.9	4.5	4.8	4.3
LSD VALUE	0.4	1.7	1.3	1.2	0.6	0.7	0.7	0.8	0.3	0.6	0.7	0.5	0.5	0.7	0.5	0.5	1.0	1.0	0.6	0.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 2.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
JAGUAR 3 (ZPS-J3)	5.3	5.4	6.1	6.1	6.3	6.3	6.1	5.8	5.9	6.5	6.3	6.0	6.1
HOUNDG V (ISI-AFE)	5.4	5.4	5.8	6.0	6.2	6.3	6.1	5.8	6.0	6.6	6.5	5.9	6.1
FALCON II (MB-21-92)	5.2	5.1	6.0	6.0	6.4	6.4	6.0	5.7	6.0	6.5	6.2	5.8	6.1
ISI-AFA	5.2	5.4	5.9	6.0	6.4	6.4	6.0	5.6	5.9	6.6	6.3	6.2	6.1
PST-5DX W/ENDOPHYTE	5.1	5.3	5.7	6.0	6.2	6.4	5.9	5.7	5.9	6.6	6.2	6.3	6.0
CROSSFIRE II (PICK 90-12)	5.1	5.5	6.3	6.0	6.2	6.3	6.1	5.7	5.9	6.5	6.2	5.7	6.0
CORONADO (PST-RDG)	5.1	5.5	5.9	6.0	6.3	6.3	6.0	5.6	5.9	6.6	6.3	6.2	6.0
SOUTHERN CHOICE (MB-25-92)	5.1	5.5	6.0	6.0	6.2	6.3	5.9	5.7	5.8	6.5	6.4	6.0	6.0
ATF-007	4.9	5.3	5.5	5.9	6.3	6.4	6.0	5.6	5.9	6.6	6.4	6.0	6.0
COYOTE (ZPS-ML)	5.2	5.3	5.7	6.0	6.3	6.4	6.0	5.7	5.7	6.4	6.3	6.1	6.0
FINELAWN PETITE	5.2	5.3	5.6	6.1	6.3	6.3	5.9	5.5	5.8	6.5	6.2	6.0	6.0
PST-5PM	5.1	5.6	5.7	5.9	6.2	6.2	5.9	5.5	5.9	6.5	6.3	6.0	6.0
GENESIS (GEN-91)	5.0	5.2	5.8	6.0	6.3	6.3	5.9	5.4	5.8	6.4	6.5	5.8	6.0
REBEL, JR.	5.2	5.4	5.6	6.0	6.2	6.3	5.9	5.6	5.8	6.4	6.2	5.8	6.0
LEXUS	4.9	5.4	5.6	5.9	6.4	6.4	5.9	5.5	5.8	6.4	6.2	5.7	6.0
LANCER	5.0	5.4	6.0	6.0	6.2	6.2	5.9	5.5	5.8	6.4	6.2	6.0	6.0
PIXIE	5.1	5.5	5.6	5.9	6.2	6.3	5.9	5.5	5.8	6.5	6.2	6.1	5.9
GRANDE (SR 8400)	5.0	5.5	5.8	5.8	6.0	6.2	6.0	5.6	5.9	6.5	6.1	5.9	5.9
EMPRESS (ZPS-E2)	5.0	5.5	6.1	6.0	6.1	6.1	5.8	5.5	5.9	6.4	6.0	5.8	5.9
APACHE II (PST-59D)	5.0	5.4	5.7	5.9	6.1	6.2	5.9	5.6	5.7	6.4	6.2	5.7	5.9
DUSTER (ITR-90-2)	4.8	5.3	5.5	5.9	6.2	6.3	5.9	5.5	5.7	6.3	6.0	5.6	5.9
RENEGADE (MB-22-92)	5.1	5.4	5.5	5.8	6.1	6.2	5.9	5.5	5.7	6.3	6.2	5.9	5.9
MARKSMAN (MB-23-92)	4.9	5.4	5.8	5.8	6.2	6.1	5.9	5.5	5.7	6.3	6.1	5.7	5.9
PYRAMID (SIU-1)	5.2	5.3	5.8	5.8	6.0	6.1	5.9	5.5	5.7	6.4	6.2	5.7	5.9
DEBUTANTE (WXI-208-2)	5.0	5.4	5.4	5.8	6.2	6.2	5.8	5.5	5.7	6.3	5.9	5.8	5.9
MICRO DD	5.1	5.4	5.4	5.9	6.2	6.1	5.8	5.4	5.8	6.4	6.2	6.0	5.9
STARLET (MB-24-92)	4.9	5.4	5.5	5.8	6.1	6.2	5.8	5.4	5.6	6.3	6.2	5.7	5.9
FA-19	4.9	5.3	5.8	5.7	6.1	6.1	5.8	5.5	5.7	6.4	6.0	5.9	5.9
GAZELLE (ZPS-VL)	4.8	5.3	5.4	5.9	6.2	6.2	5.8	5.4	5.6	6.3	5.9	5.6	5.8
TOMAHAWK	5.0	5.4	5.9	5.9	6.3	6.2	5.8	5.4	5.6	6.1	6.1	5.9	5.8
SR 8210	5.0	5.3	5.4	5.7	6.0	6.1	5.8	5.5	5.7	6.4	6.1	5.9	5.8
SUN PRO (PICK 90-10)	4.9	5.4	5.5	5.8	6.1	6.2	5.9	5.4	5.7	6.3	6.0	5.7	5.8
PST-5VC	4.8	5.4	5.6	5.9	6.2	6.1	5.7	5.4	5.6	6.4	6.1	5.9	5.8
SHORTSTOP II (PICK 90-06)	4.9	5.3	5.9	5.9	6.1	6.2	5.9	5.4	5.6	6.3	6.0	5.7	5.8
ADOBE (SFL)	4.9	5.5	5.6	5.8	6.0	6.1	5.8	5.3	5.7	6.4	6.1	5.9	5.8
LEPRECHAUN	4.7	5.3	5.9	5.8	6.1	6.1	6.0	5.3	5.6	6.1	5.9	5.6	5.8
SAFARI	5.4	5.4	5.8	5.7	5.8	6.0	5.9	5.5	5.7	6.3	6.0	6.0	5.8
ALAMO (J-1048)	5.0	5.5	5.5	5.8	6.0	6.1	5.8	5.5	5.6	6.3	5.9	5.8	5.8
PST-5LX	4.8	5.2	5.3	5.8	6.2	6.2	5.8	5.3	5.5	6.2	5.9	5.6	5.8
SR 8200	5.2	5.4	5.6	5.7	5.9	6.0	5.7	5.4	5.8	6.4	6.2	6.1	5.8
NINJA (ATF-006)	4.9	5.3	5.6	5.7	6.2	6.1	5.8	5.3	5.4	6.3	6.1	5.7	5.8
PALISADES (OFI-TF-601)	5.0	5.3	5.5	5.7	5.9	6.0	5.7	5.5	5.6	6.3	6.1	5.9	5.8
DUKE	5.1	5.3	5.4	5.7	6.0	6.0	5.8	5.5	5.6	6.2	6.0	5.9	5.8
SILVERADO	4.8	5.4	5.9	5.7	6.0	6.2	5.8	5.3	5.5	6.2	5.9	5.6	5.8
GUARDIAN	4.9	5.5	5.8	5.8	5.9	6.0	5.7	5.3	5.5	6.3	5.9	5.8	5.8
FA-22	4.7	5.2	5.6	5.8	5.9	6.1	5.8	5.4	5.6	6.3	5.9	5.6	5.8
VIRTUE	5.1	5.3	5.6	5.8	6.0	6.1	5.7	5.3	5.5	6.1	5.9	5.4	5.8
BAR FA 2AB	5.0	5.3	5.4	5.8	5.9	6.1	5.8	5.2	5.6	6.3	6.1	5.8	5.7
BONSAI PLUS	5.1	5.5	5.6	5.9	6.1	6.0	5.7	5.3	5.5	6.0	6.0	5.7	5.7
VEGAS	4.8	5.1	5.9	5.9	6.0	6.1	5.8	5.3	5.5	6.1	5.7	5.5	5.7

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS FOR EACH
MONTH GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
MONTAUK	5.0	5.3	5.5	5.8	5.9	6.0	5.8	5.4	5.5	6.1	5.9	5.7	5.7
TITAN 2 (SR 8010)	4.8	5.3	5.6	5.6	5.8	5.9	5.6	5.6	5.7	6.3	5.9	5.9	5.7
SR 8300	4.9	5.4	5.5	5.7	6.0	6.0	5.6	5.4	5.5	6.2	5.9	5.7	5.7
COCHISE	4.9	5.4	6.0	5.9	6.1	6.0	5.7	5.2	5.4	6.0	5.9	5.7	5.7
BAR FA 0855	5.1	5.4	5.5	5.6	5.9	6.0	5.7	5.4	5.5	6.2	5.8	5.6	5.7
HERITAGE (PSTF-401)	5.1	5.4	5.5	5.5	5.7	5.9	5.8	5.5	5.7	6.2	6.0	5.9	5.7
TRAILBLAZER II	4.9	5.3	5.7	5.7	5.9	6.0	5.7	5.4	5.4	6.1	5.9	5.7	5.7
AVALON (ISI-ATK)	4.9	5.2	5.5	5.6	5.7	5.9	5.7	5.4	5.7	6.2	6.0	5.8	5.7
REBEL 3D	5.0	5.4	5.5	5.6	6.0	6.1	5.8	5.3	5.4	6.0	5.9	5.8	5.7
PRO-9178	4.9	5.3	5.7	5.7	6.0	6.0	5.6	5.2	5.5	6.2	6.0	5.8	5.7
M-2	5.0	5.3	5.5	5.7	5.9	5.9	5.7	5.3	5.5	6.2	6.0	5.8	5.7
403	4.8	5.4	5.8	5.8	5.9	5.9	5.8	5.3	5.5	6.1	5.8	5.7	5.7
ELDORADO	4.9	5.4	5.7	5.8	5.9	5.9	5.6	5.3	5.5	6.0	6.0	5.8	5.7
ISI-CRC	5.1	5.3	5.6	5.6	5.6	5.9	5.7	5.4	5.6	6.2	5.8	5.8	5.7
AVANTI	4.8	5.3	5.4	5.6	5.7	5.9	5.7	5.3	5.5	6.2	6.1	5.6	5.7
CHIEFTAIN II (PICK CII)	4.8	5.3	5.5	5.7	5.9	6.0	5.7	5.2	5.4	6.0	5.8	5.4	5.7
MIRAGE (KWS-DSL)	4.8	5.2	5.7	5.7	5.9	6.0	5.7	5.2	5.2	6.1	5.9	5.5	5.6
BONSAI	4.7	5.0	5.0	5.8	6.0	6.1	5.7	5.2	5.5	6.1	5.8	5.5	5.6
SHENANDOAH	5.2	5.3	5.7	5.7	5.8	5.9	5.6	5.3	5.5	6.0	5.9	5.8	5.6
WILDCAT (PSTF-200)	5.0	5.3	5.8	5.7	5.6	5.8	5.6	5.4	5.6	6.1	5.9	5.9	5.6
BONANZA II	4.9	5.5	5.8	5.8	5.8	5.9	5.5	5.3	5.5	6.2	5.9	5.8	5.6
GENERIC (CAFA 101)	5.0	5.4	5.5	5.6	5.7	5.9	5.6	5.4	5.4	6.0	5.9	5.7	5.6
BAR FA 214	4.8	5.3	5.6	5.6	5.9	5.8	5.5	5.1	5.4	6.2	5.7	5.6	5.6
KITTYHAWK	4.9	5.4	5.5	5.7	5.8	5.8	5.6	5.3	5.3	6.1	5.9	5.7	5.6
PSTF-LF	5.2	5.4	5.5	5.6	5.5	5.9	5.6	5.4	5.5	6.1	5.8	5.8	5.6
MONARCH	4.8	5.3	5.5	5.6	5.7	5.9	5.7	5.3	5.2	6.0	5.8	5.7	5.6
AZTEC	4.9	5.3	5.2	5.5	5.7	5.7	5.6	5.3	5.3	6.3	6.0	5.7	5.6
FINELAWN 88	4.9	5.5	5.5	5.7	5.7	5.8	5.6	5.2	5.4	5.9	5.9	5.7	5.6
PST-5STB	5.0	5.3	5.7	5.7	5.9	5.9	5.4	5.2	5.2	5.9	5.8	5.5	5.6
AUSTIN	4.9	5.5	5.4	5.6	5.8	5.8	5.5	5.2	5.4	6.0	5.8	5.6	5.6
CAS-LA20	5.0	5.2	5.4	5.7	5.7	5.9	5.5	5.2	5.4	6.0	5.8	5.7	5.6
CAS-MA21	4.9	5.1	5.5	5.6	5.8	5.8	5.5	5.2	5.4	6.0	5.7	5.6	5.6
PHOENIX	5.0	5.2	5.5	5.4	5.5	5.7	5.5	5.3	5.5	6.0	5.7	5.7	5.5
OLYMPIC II	5.2	5.1	5.4	5.5	5.5	5.7	5.5	5.3	5.4	5.8	5.8	5.7	5.5
ASTRO 2000	5.1	5.3	5.4	5.5	5.4	5.6	5.5	5.2	5.4	5.9	5.8	5.7	5.5
BONANZA	4.9	5.3	5.4	5.5	5.5	5.7	5.5	5.1	5.3	5.9	5.7	5.6	5.4
TWILIGHT	4.6	5.1	5.0	5.2	5.4	5.5	5.2	4.9	5.1	5.5	5.7	5.3	5.2
ARID	4.9	5.1	5.3	5.0	5.0	5.4	5.2	5.0	5.2	5.7	5.2	5.4	5.2
FALCON	5.0	5.1	5.3	5.0	5.0	5.3	5.1	4.8	5.0	5.4	5.3	5.3	5.1
ANTHEM	4.9	5.1	5.1	4.8	4.8	5.0	4.8	4.7	5.0	5.3	5.0	5.3	4.9
KY-31 W/ENDO.	4.2	4.4	4.3	4.2	4.1	4.3	4.4	4.3	4.4	4.5	4.3	4.5	4.3
KY-31 NO ENDO.	4.4	4.5	4.4	4.3	4.2	4.4	4.4	4.1	4.2	4.4	4.2	4.4	4.3
LSD VALUE	0.8	0.9	0.8	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.7	0.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MI1	MO1	MO2	MO3
JAGUAR 3 (ZPS-J3)	33.0	24.5	5.0	39.5	39.0	37.0	13.5	42.5	73.5	14.0	29.5	13.0	15.0	4.5	12.0	10.0	1.5	7.0	9.5	14.5	25.5
HOUNDG V (ISI-AFE)	25.0	8.0	40.5	17.0	16.5	27.0	20.0	70.0	66.0	4.0	1.5	77.0	35.0	8.0	5.0	12.5	4.5	86.0	40.5	1.5	13.5
FALCON II (MB-21-92)	45.5	66.0	2.0	68.0	76.0	64.5	66.0	13.0	34.5	55.5	4.0	15.5	19.0	8.0	16.0	12.5	18.0	54.0	6.5	18.0	5.0
ISI-AFA	78.5	61.5	8.0	31.5	49.5	15.5	2.5	7.5	8.5	62.5	5.0	15.5	12.0	2.0	12.0	1.0	26.0	46.0	40.5	34.0	28.0
PST-5DX W/ENDOPHYTE	56.0	26.0	12.5	49.5	49.5	49.5	8.5	4.0	45.0	2.5	16.5	10.5	29.5	37.5	6.5	23.5	61.5	54.0	89.0	55.0	43.5
CROSSFIRE II (PICK 90-12)	33.0	9.5	1.0	19.0	12.0	3.0	54.5	54.0	27.5	1.0	3.0	45.5	17.5	29.5	3.5	9.0	53.0	3.0	44.5	44.0	7.0
CORONADO (PST-RDG)	91.0	21.5	4.0	31.5	23.0	15.5	1.0	3.0	2.0	27.0	1.5	45.5	10.5	12.0	18.5	28.0	61.5	88.0	30.0	55.0	9.5
SOUTHERN CHOICE (MB-25-92)	10.0	24.5	10.0	39.5	79.0	9.0	27.5	9.0	13.5	62.5	25.5	5.0	10.5	19.0	3.5	35.5	1.5	25.5	65.5	14.5	20.0
ATF-007	25.0	12.0	12.5	31.5	58.5	37.0	8.5	27.5	31.0	42.5	37.0	34.5	2.0	8.0	8.5	47.0	41.0	46.0	57.0	4.0	1.0
COYOTE (ZPS-ML)	25.0	3.0	6.0	9.0	28.0	9.0	57.5	42.5	42.0	35.5	6.5	27.5	6.5	8.0	1.0	12.5	83.0	83.5	40.5	63.0	77.5
FINELAWN PETITE	33.0	27.5	16.5	70.0	42.5	46.0	32.5	13.0	10.5	22.0	33.0	50.0	8.5	26.0	52.0	3.0	53.0	35.0	11.0	3.0	17.5
GENESIS (GEN-91)	16.0	27.5	3.0	6.0	10.0	37.0	48.0	70.0	72.0	19.0	29.5	40.5	6.5	4.5	16.0	16.0	9.5	25.5	30.0	1.5	2.0
PST-5PM	92.0	39.0	38.0	23.0	4.0	27.0	20.0	27.5	42.0	14.0	48.5	7.5	62.0	17.0	27.5	28.0	34.5	14.5	40.5	34.0	8.0
REBEL, JR.	33.0	37.5	15.0	9.0	5.0	52.5	39.5	24.0	38.5	5.5	37.0	13.0	29.5	52.0	48.0	7.5	69.0	35.0	6.5	10.0	63.5
LEXUS	16.0	12.0	8.0	31.5	39.0	67.5	2.5	65.5	90.0	11.0	25.5	86.5	1.0	2.0	27.5	65.5	61.5	62.0	20.5	63.0	5.0
LANCER	6.0	1.0	56.0	4.5	30.5	37.0	71.5	34.0	30.0	38.0	29.5	17.5	29.5	15.0	12.0	68.5	26.0	14.5	50.0	76.5	5.0
PIXIE	16.0	14.5	33.5	57.5	49.5	27.0	11.0	11.0	22.0	84.0	14.0	73.5	17.5	21.0	6.5	20.5	26.0	7.0	44.5	63.0	22.5
GRANDE (SR 8400)	56.0	41.5	22.0	31.5	13.5	37.0	5.0	70.0	1.0	7.0	20.5	34.5	69.0	34.0	22.0	15.0	18.0	54.0	34.5	44.0	72.0
APACHE II (PST-59D)	89.5	14.5	42.0	23.0	34.5	9.0	71.5	42.5	38.5	9.0	16.5	40.5	23.0	2.0	8.5	12.5	66.0	25.5	18.0	27.0	13.5
EMPRESS (ZPS-E2)	6.0	46.0	38.0	13.0	55.0	4.5	13.5	27.5	62.0	22.0	8.0	56.5	23.0	15.0	2.0	47.0	26.0	35.0	30.0	44.0	34.5
DUSTER (ITR-90-2)	45.5	21.5	8.0	73.5	10.0	9.0	39.5	84.5	85.5	76.0	11.0	34.5	40.0	42.5	22.0	33.0	41.0	25.5	3.0	70.5	19.0
RENEGADE (MB-22-92)	3.0	41.5	25.5	83.5	23.0	20.5	57.5	1.0	57.0	35.5	57.5	63.5	40.0	48.0	35.5	74.5	4.5	62.0	12.0	44.0	11.0
MARKSMAN (MB-23-92)	16.0	21.5	33.5	23.0	70.0	9.0	13.5	27.5	87.5	74.5	20.5	29.5	54.0	22.0	35.5	5.5	12.5	46.0	47.5	10.0	13.5
PYRAMID (SIU-1)	63.5	46.0	28.0	4.5	39.0	9.0	20.0	76.5	81.5	55.5	16.5	2.0	3.0	54.0	57.0	5.5	73.5	54.0	20.5	18.0	63.5
DEBUTANTE (WXI-208-2)	10.0	53.0	61.0	87.0	36.0	37.0	13.5	19.0	12.0	69.5	40.0	24.5	49.0	56.5	12.0	20.5	77.0	79.5	34.5	63.0	31.5
MICRO DD	1.5	30.5	77.5	2.5	39.0	37.0	57.5	16.5	70.0	58.5	52.0	20.5	13.0	26.0	27.5	28.0	12.5	35.0	80.0	55.0	9.5
STARLET (MB-24-92)	16.0	16.5	29.5	31.5	60.5	27.0	39.5	19.0	23.5	27.0	55.0	63.5	57.0	12.0	27.5	72.5	3.0	83.5	47.5	7.5	16.0
FA-19	63.5	30.5	19.0	39.5	39.0	15.5	35.5	54.0	45.0	19.0	20.5	4.0	15.0	48.0	22.0	20.5	88.0	62.0	72.5	27.0	31.5
TOMAHAWK	6.0	66.0	12.5	1.0	32.5	37.0	32.5	42.5	52.5	62.5	44.0	45.5	35.0	48.0	80.0	77.5	15.0	74.5	16.0	55.0	63.5
GAZELLE (ZPS-VL)	45.5	18.5	33.5	85.0	81.5	27.0	20.0	73.5	91.0	87.0	9.0	73.5	23.0	26.0	31.5	28.0	53.0	71.0	3.0	70.5	3.0
SR 8210	16.0	21.5	25.5	39.5	28.0	52.5	39.5	21.5	83.0	40.5	81.5	40.5	48.0	52.0	35.5	62.5	46.5	41.5	1.0	55.0	22.5
SHORTSTOP II (PICK 90-06)	10.0	16.5	19.0	23.0	6.0	27.0	20.0	62.5	27.5	69.5	6.5	83.0	4.5	19.0	22.0	18.0	88.0	79.5	78.5	55.0	63.5
SUN PRO (PICK 90-10)	70.0	2.0	45.0	39.5	49.5	4.5	8.5	82.0	20.0	66.5	44.0	70.0	4.5	8.0	52.0	4.0	34.5	66.5	75.5	70.5	37.0
PST-5VC	6.0	37.5	25.5	23.0	3.0	69.5	39.5	42.5	81.5	58.5	71.0	1.0	15.0	42.5	40.0	33.0	34.5	88.0	88.0	5.5	72.0
ADOBE (SFL)	33.0	9.5	61.0	73.5	86.5	9.0	48.0	2.0	25.0	33.0	52.0	10.5	43.5	34.0	40.0	37.5	46.5	74.5	25.5	44.0	83.0
LEPRECHAUN	45.5	5.0	40.5	82.0	45.0	46.0	48.0	65.5	48.0	62.5	16.5	56.5	46.0	34.0	52.0	53.5	69.0	77.0	34.5	44.0	52.0
ALAMO (J-1048)	60.0	50.0	56.0	31.5	70.0	78.0	27.5	24.0	62.0	11.0	48.5	56.5	60.0	42.5	52.0	39.0	53.0	20.0	6.5	44.0	28.0
SAFARI	45.5	76.5	56.0	44.0	15.0	43.0	27.5	13.0	49.0	78.5	48.5	52.0	51.0	60.0	57.0	50.0	7.0	54.0	60.0	18.0	63.5
PST-5LX	45.5	34.5	25.5	57.5	70.0	56.0	57.5	10.0	79.0	62.5	52.0	83.0	29.5	19.0	18.5	53.5	7.0	54.0	65.5	82.5	17.5
SR 8200	33.0	70.0	82.5	49.5	62.0	59.0	48.0	6.0	7.0	16.0	35.0	50.0	60.0	71.0	22.0	20.5	34.5	58.5	57.0	34.0	22.5
NINJA (ATF-006)	33.0	7.0	12.5	2.5	20.0	27.0	20.0	37.0	23.5	82.0	25.5	23.0	29.5	15.0	40.0	87.5	69.0	81.0	82.5	70.5	13.5
PALISADES (OFI-TF-601)	56.0	41.5	56.0	13.0	10.0	80.0	20.0	83.0	69.0	74.5	48.5	53.0	51.0	37.5	52.0	40.5	34.5	7.0	25.5	27.0	77.5
DUKE	16.0	46.0	64.5	13.0	55.0	62.0	8.5	36.0	57.0	55.5	77.5	34.5	37.0	26.0	44.5	59.5	83.0	20.0	9.5	14.5	63.5
SILVERADO	88.0	34.5	38.0	70.0	13.5	27.0	20.0	54.0	13.5	62.5	33.0	26.0	40.0	37.5	16.0	55.0	53.0	66.5	65.5	21.0	48.0
BONSAI PLUS	70.0	72.0	19.0	63.5	20.0	20.5	66.0	42.5	4.5	14.0	12.5	81.0	74.5	31.5	71.0	77.5	61.5	14.5	75.5	44.0	43.5
BAR FA 2AB	84.0	57.0	16.5	63.5	1.0	82.5	66.0	86.0	47.0	48.5	61.0	70.0	29.5	23.0	68.5	72.5	77.0	83.5	34.5	63.0	77.5
GUARDIAN	61.0	82.0	61.0	79.5	64.5	62.0	60.5	42.5	26.0	31.0	25.5	56.5	74.5	56.5	40.0	40.5	41.0	20.0	53.5	7.5	80.5
FA-22	56.0	5.0	61.0	88.0	18.0	52.5	76.5	58.0	79.0	39.0	12.5	17.5	57.0	71.0	57.0	2.0	21.5	46.0	57.0	34.0	72.0
VIRTUE	78.5	46.0	33.5	57.5	8.0	52.5	63.0	87.0	92.0	51.5	59.0	77.0	29.5	42.5	71.0	33.0	83.0	66.5	6.5	84.5	40.0
VEGAS	45.5	30.5	45.0	44.0	73.5	37.0	71.5	60.0	89.0	2.5	40.0	66.0	8.5	48.0	40.0	68.5	53.0	90.0	25.5	27.0	28.0

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	AL1	AR1	AR2	AZ1	BC1	CA1	CA3	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MI1	MO1	MO2	MO3
MONTAUK	1.5	34.5	22.0	39.5	90.0	46.0	27.5	80.0	16.0	51.5	84.0	13.0	43.5	56.5	65.5	79.0	21.5	7.0	72.5	63.0	22.5
TITAN 2 (SR 8010)	45.5	66.0	45.0	73.5	49.5	59.0	85.0	31.5	34.5	45.5	68.0	34.5	78.5	74.0	31.5	28.0	9.5	14.5	65.5	21.0	56.5
SR 8300	45.5	66.0	50.5	63.5	42.5	76.5	48.0	31.5	42.0	66.5	68.0	40.5	74.5	74.0	31.5	56.5	12.5	35.0	53.5	44.0	72.0
COCHISE	70.0	58.5	64.5	81.0	30.5	37.0	48.0	42.5	3.0	78.5	64.0	29.5	69.0	29.5	48.0	43.0	41.0	35.0	14.0	55.0	37.0
BAR FA 0855	78.5	41.5	73.0	23.0	7.0	82.5	35.5	70.0	62.0	55.5	64.0	20.5	66.5	60.0	84.0	47.0	18.0	50.0	18.0	70.5	52.0
HERITAGE (PSTF-401)	45.5	70.0	80.0	13.0	49.5	66.0	76.5	80.0	4.5	5.5	80.0	7.5	54.0	83.0	35.5	43.0	41.0	2.0	53.5	44.0	86.0
TRAILBLAZER II	45.5	76.5	50.5	31.5	70.0	46.0	79.5	34.0	76.5	72.5	55.0	61.5	20.0	42.5	25.0	87.5	18.0	25.5	82.5	34.0	31.5
AVALON (ISI-ATK)	25.0	34.5	84.5	79.5	45.0	84.0	86.0	64.0	65.0	17.0	77.5	66.0	64.0	48.0	68.5	7.5	83.0	62.0	14.0	27.0	63.5
REBEL 3D	70.0	70.0	69.5	7.0	16.5	72.0	20.0	7.5	62.0	45.5	40.0	20.5	23.0	26.0	65.5	85.5	53.0	35.0	22.0	44.0	40.0
PRO-9178	16.0	53.0	77.5	57.5	2.0	27.0	48.0	50.0	75.0	40.5	23.0	45.5	54.0	62.5	44.5	56.5	83.0	25.5	81.0	21.0	43.5
M-2	63.5	61.5	50.5	67.0	55.0	20.5	5.0	16.5	73.5	71.0	44.0	7.5	69.0	56.5	57.0	62.5	46.5	46.0	47.5	27.0	63.5
403	21.5	66.0	80.0	57.5	20.0	37.0	82.5	60.0	29.0	31.0	20.5	45.5	64.0	74.0	57.0	23.5	18.0	7.0	91.0	63.0	48.0
ELDORADO	78.5	50.0	29.5	44.0	81.5	72.0	32.5	42.5	16.0	68.0	33.0	86.5	46.0	52.0	12.0	68.5	88.0	35.0	25.5	84.5	48.0
ISI-CRC	33.0	61.5	56.0	77.5	70.0	56.0	79.5	24.0	62.0	51.5	75.0	83.0	29.5	60.0	44.5	47.0	26.0	46.0	70.0	5.5	52.0
AVANTI	89.5	55.5	33.5	17.0	23.0	67.5	48.0	54.0	85.5	77.0	70.0	56.5	35.0	68.5	84.0	43.0	61.5	14.5	65.5	63.0	72.0
CHIEFTAIN II (PICK CII)	86.5	53.0	69.5	49.5	67.0	72.0	74.0	89.0	52.5	29.0	79.0	70.0	40.0	42.5	44.5	59.5	26.0	41.5	40.5	80.5	40.0
BONSAI	84.0	5.0	69.5	17.0	64.5	15.5	39.5	92.0	67.5	45.5	10.0	3.0	74.5	31.5	84.0	80.5	83.0	91.0	65.5	70.5	43.5
MIRAGE (KWS-DSL)	70.0	30.5	50.5	92.0	25.5	49.5	48.0	19.0	52.5	72.5	73.0	34.5	57.0	37.5	74.5	62.5	69.0	25.5	18.0	76.5	25.5
SHENANDOAH	45.5	84.0	75.5	9.0	55.0	85.0	60.5	48.0	6.0	82.0	44.0	60.0	82.0	86.0	80.0	35.5	30.5	7.0	34.5	44.0	56.5
WILDCAT (PSTF-200)	16.0	86.0	84.5	63.5	89.0	80.0	68.5	5.0	38.5	8.0	55.0	80.0	84.5	81.0	31.5	28.0	34.5	71.0	75.5	14.5	63.5
BONANZA II	33.0	80.0	50.5	57.5	64.5	80.0	27.5	30.0	20.0	42.5	44.0	20.5	71.0	76.0	60.5	76.0	69.0	7.0	53.5	44.0	63.5
GENERIC (CAFA 101)	70.0	83.0	86.0	70.0	28.0	62.0	71.5	76.5	20.0	25.0	29.5	61.5	80.0	81.0	65.5	28.0	7.0	25.5	34.5	27.0	56.5
PSTF-LF	33.0	74.0	73.0	57.5	84.0	20.5	76.5	15.0	10.5	31.0	83.0	77.0	74.5	66.0	62.5	62.5	46.5	62.0	25.5	27.0	48.0
BAR FA 214	33.0	18.5	69.5	49.5	34.5	2.0	54.5	84.5	87.5	11.0	66.0	7.5	51.0	81.0	73.0	80.5	53.0	54.0	65.5	80.5	85.0
KITTYHAWK	70.0	46.0	73.0	31.5	25.5	56.0	68.5	62.5	71.0	22.0	37.0	79.0	23.0	62.5	77.5	47.0	41.0	77.0	60.0	27.0	48.0
MONARCH	84.0	58.5	33.5	49.5	64.5	15.5	63.0	67.0	76.5	51.5	61.0	27.5	78.5	71.0	48.0	37.5	41.0	71.0	84.0	76.5	77.5
PST-5STB	45.5	12.0	66.5	86.0	32.5	1.0	5.0	54.0	79.0	85.0	81.5	85.0	66.5	77.0	87.0	74.5	73.5	71.0	86.0	44.0	83.0
AZTEC	25.0	55.5	22.0	49.5	81.5	59.0	27.5	42.5	50.0	27.0	92.0	50.0	40.0	66.0	65.5	51.5	12.5	14.5	86.0	76.5	56.5
FINELAWN 88	78.5	78.0	66.5	66.0	78.0	76.5	48.0	34.0	8.5	35.5	73.0	70.0	82.0	68.5	76.0	84.0	61.5	35.0	75.5	76.5	72.0
AUSTIN	56.0	74.0	45.0	23.0	81.5	74.5	81.0	49.0	57.0	24.0	68.0	75.0	46.0	79.0	80.0	17.0	61.5	14.5	71.0	63.0	72.0
CAS-LA20	70.0	50.0	50.5	31.5	73.5	46.0	48.0	80.0	57.0	35.5	61.0	89.0	64.0	66.0	74.5	83.0	90.0	77.0	65.5	89.0	37.0
CAS-MA21	78.5	80.0	45.0	49.5	88.0	69.5	63.0	54.0	67.5	45.5	57.5	56.5	60.0	64.0	62.5	85.5	53.0	35.0	25.5	86.0	34.5
PHOENIX	21.5	80.0	61.0	73.5	86.5	86.0	87.5	75.0	16.0	19.0	64.0	34.5	82.0	84.0	71.0	65.5	26.0	1.0	40.5	12.0	80.5
OLYMPIC II	78.5	87.0	82.5	49.5	55.0	74.5	82.5	60.0	32.0	86.0	76.0	24.5	86.5	87.0	84.0	71.0	73.5	14.5	47.5	44.0	54.0
ASTRO 2000	63.5	74.0	75.5	13.0	60.5	64.5	84.0	70.0	18.0	80.0	86.0	70.0	84.5	85.0	60.5	68.5	30.5	35.0	3.0	10.0	87.0
BONANZA	56.0	85.0	80.0	57.5	76.0	87.0	32.5	54.0	52.5	88.0	73.0	45.5	86.5	78.0	77.5	51.5	73.5	66.5	14.0	76.5	83.0
TWILIGHT	70.0	61.5	87.0	89.0	76.0	15.5	76.5	21.5	57.0	90.0	85.0	90.0	74.5	12.0	90.0	89.0	83.0	88.0	78.5	91.0	31.5
ARID	6.0	88.0	88.0	77.5	85.0	89.0	87.5	78.0	34.5	89.0	90.0	66.0	88.0	88.0	84.0	58.0	77.0	58.5	51.0	82.5	89.0
FALCON	86.5	89.0	89.0	83.5	58.5	88.0	89.0	73.5	34.5	82.0	87.0	88.0	89.0	89.0	88.0	82.0	61.5	46.0	60.0	87.0	88.0
ANTHEM	78.5	90.0	90.0	76.0	45.0	90.0	90.0	88.0	45.0	48.5	89.0	34.5	90.0	90.0	89.0	90.0	79.0	71.0	86.0	88.0	90.0
KY-31 W/ENDO.	56.0	92.0	92.0	90.0	91.0	92.0	91.5	91.0	38.5	91.0	91.0	91.0	92.0	92.0	91.0	91.0	92.0	92.0	92.0	90.0	91.0
KY-31 NO ENDO.	45.5	91.0	91.0	91.0	92.0	91.0	91.5	90.0	84.0	92.0	88.0	92.0	91.0	91.0	92.0	92.0	91.0	83.5	90.0	92.0	92.0

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS 1/
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
JAGUAR 3 (ZPS-J3)	45.0	16.0	15.0	20.5	7.0	1.0	59.0	25.0	32.5	17.0	4.5	24.0	17.0	16.0	4.5	5.5	23.0	7.5	24.0	1
HOUNDG V (ISI-AFE)	3.0	25.0	3.0	10.0	1.0	8.5	14.5	1.0	17.5	13.5	89.0	12.5	4.0	10.5	11.0	5.5	30.5	24.5	9.0	2
FALCON II (MB-21-92)	71.5	4.5	17.0	20.5	3.5	7.0	1.0	31.0	32.5	12.0	49.5	40.5	1.0	13.0	6.5	30.0	5.0	9.0	9.0	3
ISI-AFA	6.0	4.5	5.5	83.5	3.5	4.0	29.5	2.5	55.0	46.5	29.5	63.0	14.0	10.5	2.0	7.0	37.0	3.5	54.5	4
PST-5DX W/ENDOHYTE	1.0	8.0	1.0	61.5	13.0	2.0	33.0	12.5	72.0	40.0	3.0	2.0	9.5	5.5	31.5	2.0	2.0	58.0	17.5	5
CROSSFIRE II (PICK 90-12)	53.0	31.0	55.5	61.5	2.0	12.0	2.0	5.0	77.5	52.5	9.5	71.0	9.5	28.5	37.5	14.5	83.0	62.5	66.5	6
CORONADO (PST-RDG)	2.0	7.0	73.5	14.0	7.0	8.5	18.0	74.5	2.0	10.0	25.5	78.0	17.0	46.0	20.0	3.5	74.0	39.5	13.5	7
SOUTHERN CHOICE (MB-25-92)	38.5	66.5	12.0	10.0	5.0	10.0	59.0	47.5	55.0	7.0	9.5	57.5	9.5	21.5	43.0	14.5	56.5	21.5	24.0	8
ATF-007	35.0	16.0	17.0	58.0	23.5	11.0	29.5	27.0	55.0	13.5	7.0	26.0	12.0	57.5	1.0	14.5	59.0	58.0	5.0	9
COYOTE (ZPS-ML)	47.5	50.0	25.5	28.0	7.0	5.0	81.5	10.0	46.5	5.5	38.5	27.0	6.5	2.0	13.5	25.5	86.0	29.0	24.0	10
FINELAWN PETITE	24.0	25.0	2.0	36.5	23.5	48.5	76.5	74.5	32.5	27.0	74.5	12.5	2.0	1.0	59.5	30.0	47.0	1.0	49.5	11
GENESIS (GEN-91)	73.5	25.0	73.5	46.0	9.0	6.0	73.5	47.5	17.5	59.5	81.0	57.5	19.0	10.5	20.0	49.5	49.5	20.0	17.5	12
PST-5PM	4.5	50.0	87.0	39.0	14.0	14.0	45.0	2.5	9.5	57.0	42.0	4.0	9.5	3.0	13.5	1.0	78.0	10.0	49.5	13
REBEL, JR.	9.5	60.0	73.5	2.0	23.5	44.5	39.0	37.5	9.5	46.5	13.0	66.0	28.5	21.5	20.0	19.5	6.5	6.0	61.5	14
LEXUS	66.5	70.5	64.5	4.0	12.0	3.0	14.5	22.5	90.5	2.0	33.0	24.0	21.0	7.5	31.5	9.0	92.0	54.0	28.5	15
LANCER	24.0	21.0	12.0	13.0	11.0	13.0	7.0	35.0	55.0	17.0	77.0	63.0	24.5	16.0	83.0	11.0	61.5	86.0	38.0	16
PIXIE	17.0	55.0	35.0	42.5	10.0	23.5	33.0	22.5	46.5	15.0	74.5	19.5	4.0	40.5	6.5	3.5	71.5	39.5	5.0	17
GRANDE (SR 8400)	24.0	1.0	12.0	61.5	39.5	55.5	33.0	39.5	9.5	52.5	36.0	46.0	40.5	43.0	25.5	25.5	41.0	2.0	57.0	18
APACHE II (PST-59D)	17.0	28.0	35.0	65.0	32.0	37.0	25.5	54.0	55.0	46.5	83.0	34.5	14.0	28.5	13.5	51.5	30.5	19.0	38.0	19
EMPRESS (ZPS-E2)	31.0	4.5	30.0	6.5	17.0	26.0	39.0	18.5	86.0	32.0	76.0	34.5	37.5	70.0	45.0	8.0	56.5	71.5	17.5	20
DUSTER (ITR-90-2)	62.0	42.0	23.5	42.5	41.5	32.0	71.0	8.0	44.5	20.0	25.5	40.5	6.5	4.0	3.0	37.5	68.0	62.5	17.5	21
RENEGADE (MB-22-92)	13.5	4.5	59.5	8.0	45.0	63.0	39.0	27.0	9.5	40.0	63.0	77.0	32.0	63.0	25.5	11.0	23.0	5.0	9.0	22
MARKSMAN (MB-23-92)	38.5	36.0	5.5	58.0	15.0	37.0	81.5	42.5	67.0	32.0	67.0	16.0	14.0	7.5	37.5	33.5	23.0	75.0	9.0	23
PYRAMID (SIU-1)	33.0	2.0	27.5	20.5	63.0	74.0	39.0	54.0	67.0	23.5	1.5	24.0	28.5	46.0	37.5	43.0	34.0	11.5	38.0	24
DEBUTANTE (WXI-208-2)	24.0	12.0	50.5	20.5	17.0	55.5	14.5	18.5	17.5	51.0	21.5	57.5	45.0	16.0	13.5	44.5	37.0	24.5	9.0	25
MICRO DD	53.0	66.5	30.0	16.5	17.0	44.5	48.5	31.0	55.0	4.0	17.0	34.5	45.0	28.5	63.5	18.0	61.5	54.0	49.5	26
STARLET (MB-24-92)	17.0	47.0	12.0	16.5	41.5	83.5	59.0	47.5	86.0	8.0	63.0	51.0	28.5	21.5	77.5	57.0	3.0	49.5	17.5	27
FA-19	58.5	12.0	55.5	25.0	39.5	30.0	39.0	22.5	32.5	66.0	67.0	40.5	53.0	10.5	41.0	64.5	64.0	67.5	21.0	28
TOMAHAWK	66.5	19.5	32.5	55.0	32.0	34.0	45.0	47.5	17.5	32.0	9.5	71.0	17.0	5.5	31.5	57.0	1.0	16.5	13.5	29
GAZELLE (ZPS-VL)	38.5	42.0	39.5	1.0	36.5	55.5	90.5	18.5	55.0	10.0	6.0	53.5	28.5	43.0	25.5	41.0	17.5	16.5	28.5	30
SR 8210	24.0	39.5	17.0	51.5	50.0	55.5	22.5	8.0	32.5	62.5	49.5	7.0	21.0	28.5	34.0	14.5	87.5	54.0	5.0	31
SHORTSTOP II (PICK 90-06)	53.0	70.5	8.0	16.5	26.5	15.0	29.5	12.5	77.5	17.0	83.0	19.5	24.5	52.0	59.5	70.0	90.5	83.0	44.0	32
SUN PRO (PICK 90-10)	24.0	36.0	44.5	55.0	34.0	23.5	89.0	35.0	67.0	20.0	42.0	79.0	4.0	28.5	49.0	22.0	87.5	62.5	24.0	33
PST-5VC	46.0	19.5	88.0	30.5	36.5	28.5	65.5	5.0	77.5	23.5	38.5	67.0	35.0	28.5	4.5	53.5	8.5	75.0	2.0	34
ADOBE (SFL)	13.5	33.0	25.5	74.5	23.5	23.5	87.5	31.0	86.0	46.5	67.0	48.0	40.5	28.5	55.0	22.0	59.0	36.5	76.0	35
LEPRECHAUN	78.0	45.0	5.5	3.0	29.5	19.5	39.0	11.0	32.5	67.5	25.5	83.0	24.5	36.5	77.5	46.0	89.0	88.5	66.5	36
ALAMO (J-1048)	7.0	9.0	39.5	65.0	70.5	32.0	4.5	61.0	90.5	32.0	59.5	82.0	49.0	57.5	16.5	33.5	53.0	49.5	28.5	37
SAFARI	38.5	81.5	39.5	10.0	32.0	16.0	14.5	63.0	9.5	74.5	12.0	71.0	58.5	36.5	25.5	22.0	68.0	3.5	49.5	38
PST-5LX	83.0	31.0	23.5	48.5	19.0	48.5	52.5	31.0	32.5	20.0	49.5	87.0	45.0	16.0	20.0	60.0	47.0	67.5	66.5	39
SR 8200	9.5	45.0	44.5	80.5	50.0	37.0	84.0	47.5	9.5	59.5	59.5	48.0	49.0	46.0	29.0	11.0	85.0	7.5	57.0	40
NINJA (ATF-006)	90.0	36.0	35.0	85.5	50.0	28.5	55.5	51.0	67.0	3.0	21.5	80.5	21.0	52.0	25.5	74.5	68.0	81.0	2.0	41
PALISADES (OFI-TF-601)	24.0	55.0	50.5	74.5	59.0	48.5	20.0	39.5	32.5	56.0	33.0	63.0	35.0	16.0	9.0	37.5	81.5	29.0	28.5	42
DUKE	31.0	70.5	21.5	74.5	45.0	17.5	65.5	54.0	77.5	71.0	67.0	74.0	37.5	72.5	9.0	55.0	12.5	13.5	17.5	43
SILVERADO	85.5	28.0	44.5	30.5	36.5	60.5	73.5	58.0	32.5	54.5	21.5	68.0	56.5	57.5	9.0	79.5	90.5	62.5	44.0	44
BONSAI PLUS	34.0	28.0	9.0	39.0	66.5	63.0	48.5	79.5	77.5	40.0	70.0	34.5	60.0	69.0	77.5	49.5	53.0	16.5	24.0	45
BAR FA 2AB	58.5	78.0	5.5	36.5	50.0	32.0	65.5	15.0	86.0	5.5	29.5	9.5	24.5	40.5	37.5	72.5	44.0	62.5	38.0	46
GUARDIAN	38.5	16.0	64.5	39.0	57.0	19.5	76.5	31.0	32.5	40.0	36.0	84.0	67.0	63.0	16.5	37.5	41.0	16.5	61.5	47
FA-22	81.0	60.0	30.0	25.0	73.0	70.0	48.5	22.5	55.0	49.5	85.0	2.0	67.0	43.0	37.5	64.5	30.5	44.5	38.0	48
VIRTUE	62.0	50.0	50.5	5.0	20.5	21.0	39.0	47.5	32.5	32.0	14.0	12.5	40.5	21.5	63.5	78.0	23.0	32.0	61.5	49
VEGAS	69.5	81.5	21.5	33.5	28.0	41.0	55.5	15.0	77.5	23.5	55.0	30.5	58.5	67.0	55.0	64.5	78.0	71.5	61.5	50

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT FORTY LOCATIONS IN THE U.S. AND CANADA
1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	MS1	NE1	NE2	NE3	NJ1	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
MONTAUK	73.5	36.0	44.5	6.5	57.0	40.0	7.0	42.5	55.0	40.0	79.5	71.0	45.0	57.5	49.0	72.5	78.0	49.5	32.0	51
TITAN 2 (SR 8010)	13.5	39.5	20.0	55.0	77.5	70.0	59.0	65.5	1.0	82.5	4.5	45.0	61.0	57.5	20.0	17.0	27.0	34.0	70.5	52
SR 8300	66.5	12.0	39.5	25.0	79.5	52.0	20.0	42.5	55.0	71.0	29.5	19.5	71.5	36.5	31.5	44.5	53.0	34.0	38.0	53
COCHISE	62.0	22.5	47.0	35.0	29.5	44.5	48.5	63.0	44.5	77.0	87.5	19.5	53.0	52.0	67.5	47.0	12.5	91.0	76.0	54
BAR FA 0855	71.5	66.5	19.0	25.0	57.0	63.0	45.0	5.0	17.5	40.0	17.0	19.5	81.5	76.0	77.5	87.0	81.5	13.5	49.5	55
HERITAGE (PSTF-401)	13.5	74.5	55.5	51.5	68.5	37.0	3.0	72.0	32.5	59.5	42.0	48.0	71.5	63.0	80.0	41.0	53.0	36.5	57.0	56
TRAILBLAZER II	75.5	16.0	39.5	46.0	50.0	17.5	65.5	57.0	55.0	80.5	72.5	63.0	32.0	67.0	59.5	41.0	4.0	71.5	61.5	57
AVALON (ISI-ATK)	4.5	55.0	12.0	79.0	64.5	37.0	52.5	35.0	77.5	74.5	1.5	5.0	63.5	72.5	49.0	19.5	49.5	85.0	38.0	58
REBEL 3D	78.0	73.0	73.5	48.5	45.0	44.5	14.5	81.5	67.0	32.0	49.5	86.0	53.0	21.5	81.0	76.0	44.0	67.5	79.0	59
PRO-9178	43.0	81.5	27.5	74.5	54.5	67.5	25.5	65.5	55.0	77.0	78.0	30.5	53.0	36.5	67.5	48.0	47.0	88.5	12.0	60
M-2	9.5	76.0	83.5	71.0	54.5	42.0	79.0	54.0	32.5	27.0	25.5	76.0	76.5	72.5	73.0	25.5	17.5	62.5	32.0	61
403	53.0	85.0	85.0	30.5	26.5	23.5	71.0	77.0	67.0	59.5	63.0	71.0	40.5	52.0	59.5	53.5	37.0	78.5	70.5	62
ELDORADO	84.0	66.5	39.5	87.5	20.5	27.0	4.5	86.0	32.5	23.5	83.0	53.5	32.0	48.5	59.5	51.5	30.5	83.0	84.5	63
ISI-CRC	24.0	10.0	64.5	80.5	70.5	65.0	65.5	27.0	32.5	77.0	42.0	2.0	63.5	76.0	53.0	33.5	68.0	78.5	73.5	64
AVANTI	43.0	89.0	50.5	42.5	68.5	55.5	76.5	8.0	4.0	27.0	17.0	88.0	63.5	28.5	43.0	83.5	12.5	54.0	49.5	65
CHIEFTAIN II (PICK CII)	66.5	50.0	73.5	51.5	53.0	72.0	81.5	37.5	32.5	40.0	49.5	28.0	53.0	21.5	49.0	68.0	37.0	75.0	86.0	66
BONSAI	78.0	22.5	83.5	61.5	45.0	81.0	76.5	69.0	86.0	64.5	17.0	7.0	45.0	36.5	86.0	33.5	74.0	78.5	2.0	67
MIRAGE (KWS-DSL)	89.0	42.0	55.5	12.0	60.0	59.0	29.5	79.5	77.5	10.0	42.0	44.0	67.0	82.0	67.5	83.5	84.0	67.5	44.0	68
SHENANDOAH	62.0	31.0	73.5	25.0	64.5	79.5	25.5	74.5	32.5	71.0	21.5	37.0	71.5	67.0	59.5	57.0	37.0	24.5	49.5	69
WILDCAT (PSTF-200)	31.0	84.0	81.0	51.5	45.0	51.0	14.5	59.5	17.5	32.0	17.0	7.0	76.5	63.0	73.0	30.0	23.0	78.5	81.5	70
BONANZA II	53.0	91.0	62.0	58.0	81.0	66.0	7.0	69.0	86.0	40.0	86.0	9.5	49.0	36.5	37.5	28.0	44.0	39.5	83.0	71
GENERIC (CAFA 101)	53.0	78.0	59.5	82.0	72.0	70.0	65.5	15.0	17.5	87.0	36.0	57.5	76.5	78.5	43.0	64.5	12.5	44.5	79.0	72
PSTF-LF	9.5	55.0	79.0	16.5	83.0	75.0	10.0	87.0	9.5	64.5	49.5	52.0	71.5	88.5	73.0	25.5	71.5	11.5	76.0	73
BAR FA 214	69.5	16.0	64.5	68.0	75.5	60.5	59.0	81.5	32.5	86.0	67.0	12.5	71.5	76.0	25.5	70.0	78.0	83.0	79.0	74
KITTYHAWK	24.0	87.0	91.5	89.0	74.0	86.0	20.0	69.0	32.5	79.0	71.0	15.0	63.5	63.0	67.5	60.0	12.5	44.5	49.5	75
MONARCH	38.5	63.5	77.0	91.0	75.5	83.5	52.5	84.0	32.5	40.0	49.5	19.5	56.5	80.5	49.0	70.0	59.0	39.5	38.0	76
PST-5STB	85.5	36.0	32.5	33.5	36.5	76.5	39.0	59.5	55.0	49.5	56.5	30.5	71.5	52.0	88.0	64.5	64.0	71.5	54.5	77
AZTEC	82.0	87.0	69.0	87.5	61.5	48.5	65.5	42.5	67.0	62.5	59.5	75.0	35.0	33.0	73.0	60.0	64.0	58.0	70.5	78
FINELAWN 88	62.0	70.5	50.5	78.0	79.5	55.5	10.0	74.5	55.0	71.0	33.0	57.5	83.0	57.5	67.5	88.0	17.5	29.0	84.5	79
AUSTIN	53.0	87.0	81.0	90.0	61.5	67.5	39.0	69.0	67.0	71.0	9.5	50.0	79.5	80.5	55.0	81.0	17.5	24.5	88.0	80
CAS-LA20	24.0	78.0	59.5	65.0	66.5	73.0	81.5	18.5	92.0	54.5	72.5	89.0	81.5	48.5	67.5	64.5	23.0	29.0	32.0	81
CAS-MA21	43.0	81.5	67.5	71.0	85.0	79.5	52.5	54.0	86.0	67.5	49.5	40.5	76.5	78.5	49.0	82.0	30.5	34.0	61.5	82
PHOENIX	24.0	55.0	91.5	77.0	83.0	82.0	87.5	83.0	9.5	82.5	49.5	40.5	84.5	88.5	49.0	37.5	12.5	29.0	66.5	83
OLYMPIC II	47.5	45.0	50.5	30.5	83.0	76.5	71.0	69.0	4.0	80.5	49.5	30.5	86.0	86.0	73.0	77.0	6.5	21.5	38.0	84
ASTRO 2000	53.0	63.5	86.0	42.5	77.5	78.0	65.5	78.0	32.5	88.0	79.5	90.0	84.5	84.0	85.0	79.5	30.5	49.5	70.5	85
BONANZA	53.0	60.0	89.5	67.0	86.0	85.0	22.5	63.0	77.5	84.5	59.5	57.5	79.5	72.5	83.0	74.5	8.5	44.5	81.5	86
TWILIGHT	88.0	60.0	59.5	92.0	88.0	87.0	10.0	90.0	77.5	1.0	92.0	63.0	89.0	83.0	90.0	89.0	78.0	44.5	89.5	87
ARID	80.0	50.0	67.5	69.0	87.0	88.0	85.5	85.0	55.0	84.5	29.5	40.5	87.0	86.0	83.0	86.0	53.0	54.0	73.5	88
FALCON	75.5	74.5	78.0	85.5	90.0	89.0	25.5	88.5	17.5	89.0	56.5	85.0	88.0	86.0	89.0	90.0	74.0	44.5	87.0	89
ANTHEM	87.0	60.0	89.5	46.0	89.0	90.0	85.5	88.5	4.0	90.0	91.0	80.5	90.0	87.0	85.0	68.0	87.0	89.5	90	
KY-31 W/ENDO.	91.0	92.0	70.0	71.0	91.0	92.0	90.5	91.5	32.5	91.0	90.0	91.0	91.0	91.0	91.0	91.0	23.0	92.0	92.0	91
KY-31 NO ENDO.	92.0	90.0	81.0	83.5	92.0	91.0	92.0	91.5	67.0	92.0	87.5	92.0	92.0	92.0	92.0	92.0	41.0	90.0	91.0	92

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4.

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/																	
	AL1	AR1	AR2	AZ1	CA1	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MO1	MO2	MO3
TWILIGHT	6.7	8.0	8.3	7.3	8.0	8.0	5.3	8.7	8.3	6.3	7.7	8.0	9.0	3.0	7.0	9.0	6.0	8.0
GENESIS (GEN-91)	6.3	8.0	8.7	7.7	8.0	7.0	5.7	8.3	8.7	6.7	6.7	8.3	9.0	4.7	6.3	8.3	7.3	7.3
LEXUS	6.7	8.7	9.0	7.3	8.0	7.0	5.7	8.7	8.3	6.3	8.0	8.3	9.0	3.7	6.3	7.7	6.3	6.7
CORONADO (PST-RDG)	6.3	8.0	8.0	7.3	8.0	8.0	7.3	8.7	8.0	7.0	7.0	8.0	9.0	3.3	6.0	8.3	6.7	7.0
COYOTE (ZPS-ML)	6.7	8.7	7.3	7.7	8.0	7.0	5.7	8.3	7.7	7.0	8.0	8.0	9.0	3.0	6.7	8.0	6.0	7.0
FINELAWN PETITE	6.7	7.7	7.0	7.7	8.0	7.7	8.0	8.0	7.3	6.7	8.0	7.7	9.0	4.7	6.0	7.7	6.7	7.7
SUN PRO (PICK 90-10)	7.3	8.7	7.3	7.0	8.0	6.7	7.7	7.7	8.3	6.7	7.7	7.7	9.0	3.7	6.0	7.7	6.0	7.7
SOUTHERN CHOICE (MB-25-92)	7.7	7.7	7.3	7.0	8.0	7.7	8.0	8.0	8.3	6.7	7.3	7.7	8.0	3.7	6.0	7.7	6.7	7.7
LANCER	7.0	8.3	7.7	7.3	8.0	7.3	8.0	8.3	7.3	7.0	7.7	7.3	8.0	3.3	6.3	7.7	6.3	8.0
ATF-007	7.3	8.7	7.0	7.0	8.0	7.3	7.3	8.0	7.3	7.0	8.0	7.0	8.7	3.3	6.0	8.0	6.0	8.0
GAZELLE (ZPS-VL)	7.0	8.3	8.0	8.0	8.0	7.0	3.3	8.3	8.3	6.7	7.0	8.0	8.3	3.3	6.7	7.7	6.0	8.0
APACHE II (PST-59D)	7.3	8.7	7.3	8.0	8.0	7.0	8.0	8.3	7.3	6.0	7.3	7.7	8.3	3.3	6.3	7.7	6.3	8.7
FALCON II (MB-21-92)	7.0	7.3	6.0	7.3	8.0	7.3	8.0	8.0	8.0	6.7	6.7	7.3	8.3	5.0	6.0	8.0	6.3	7.7
SHORTSTOP II (PICK 90-06)	7.3	8.3	7.0	7.0	8.0	7.0	8.0	7.7	6.7	6.3	7.0	7.7	8.7	4.3	6.0	7.7	6.3	8.0
CROSSFIRE II (PICK 90-12)	7.7	8.0	7.3	7.0	8.0	7.3	8.0	8.0	6.0	6.7	6.7	7.3	8.7	3.0	6.0	8.0	7.0	7.3
REBEL 3D	7.0	7.7	7.7	7.3	8.0	7.3	7.0	7.7	7.7	6.3	8.3	7.7	8.7	3.0	6.0	7.7	6.0	5.7
PIXIE	6.7	7.7	6.0	8.0	8.0	7.3	7.7	7.3	7.3	6.3	7.3	7.3	8.7	3.7	6.7	7.3	6.7	7.0
NINJA (ATF-006)	6.7	7.7	7.3	8.0	8.0	7.0	7.7	7.7	7.7	6.7	7.3	7.3	8.7	3.0	6.0	8.0	6.0	7.3
CHIEFTAIN II (PICK CII)	7.7	8.3	7.3	7.0	8.0	5.7	7.7	8.0	7.0	6.7	6.7	7.3	8.0	3.3	6.0	8.0	6.0	6.7
RENEGADE (MB-22-92)	7.7	7.0	8.0	7.7	8.0	7.7	8.0	8.0	7.7	6.3	7.7	7.7	8.7	3.7	6.3	8.0	6.3	7.0
ISI-AFA	7.0	7.0	7.0	7.3	8.0	7.7	7.7	7.7	7.0	7.3	6.7	7.0	8.0	4.3	6.3	8.0	6.3	8.0
STARLET (MB-24-92)	7.3	7.7	6.3	7.0	8.0	7.3	7.3	8.0	7.7	7.0	6.7	7.7	8.3	3.7	6.0	8.3	6.3	7.0
PST-5LX	6.7	7.3	6.7	7.7	8.0	7.7	5.3	8.0	8.0	6.3	7.0	8.0	8.7	3.0	6.0	7.7	6.0	7.7
EMPRESS (ZPS-E2)	8.0	7.7	8.7	7.3	8.0	7.3	5.0	7.7	7.0	6.7	6.7	7.7	7.7	3.0	6.0	8.0	6.0	6.3
DUSTER (ITR-90-2)	7.3	7.7	7.3	7.0	8.0	6.3	5.7	7.7	7.0	6.7	7.7	8.0	8.0	4.0	6.0	7.7	6.0	7.0
HOUNDOG V (ISI-AFE)	7.0	8.0	7.0	7.7	8.0	6.3	5.7	8.0	6.3	5.3	7.7	7.3	7.3	4.3	6.3	8.0	6.7	7.3
BONSAI	7.0	8.7	7.3	7.0	8.0	7.0	4.3	7.7	8.7	6.0	7.0	8.3	8.7	3.3	6.0	7.7	6.3	7.3
ADOBE (SFL)	6.7	7.7	7.3	7.3	8.0	7.0	8.0	7.7	6.3	7.0	7.0	7.7	7.7	3.3	6.0	8.0	6.0	6.7
BAR FA 2AB	7.0	7.7	8.0	7.0	8.0	6.3	5.7	8.0	7.0	6.3	7.3	7.7	8.7	4.7	6.7	8.0	6.0	6.7
MICRO DD	7.0	7.3	7.0	7.3	8.0	7.3	4.3	7.7	7.0	6.3	7.3	7.0	8.3	3.0	6.0	8.0	6.3	8.3
VEGAS	6.3	8.0	7.7	7.0	8.0	6.3	3.3	7.7	8.0	6.7	7.0	7.0	9.0	2.7	6.0	8.0	6.0	7.3
MARKSMAN (MB-23-92)	7.3	8.0	6.7	7.3	8.0	7.3	4.3	7.3	7.7	6.3	6.0	7.3	7.3	3.7	6.0	7.3	6.7	7.0
TOMAHAWK	7.3	7.0	8.7	7.3	8.0	7.0	5.7	8.0	6.7	6.7	7.0	7.3	8.0	4.0	6.7	7.7	6.0	6.3
BONSAI PLUS	7.0	7.0	6.7	7.0	8.0	7.0	7.7	8.0	7.0	6.0	7.0	7.3	8.0	3.3	6.3	7.7	6.3	6.7
JAGUAR 3 (ZPS-J3)	6.7	7.0	7.0	7.7	8.0	6.7	5.7	7.0	7.3	7.0	7.3	7.3	7.3	4.3	6.7	7.7	6.7	8.0
PST-5PM	7.3	7.0	7.0	7.3	8.0	6.7	7.7	7.7	6.3	6.7	6.3	7.3	8.3	3.7	6.0	8.0	6.3	7.7
PST-5STB	7.0	8.3	8.0	7.3	8.0	7.0	5.3	7.7	5.0	7.0	7.0	7.3	8.0	3.7	6.7	7.7	6.3	6.0
REBEL, JR.	7.0	8.0	7.3	7.3	8.0	7.3	5.0	8.0	6.3	6.3	6.7	7.7	8.3	4.7	6.0	7.7	6.3	7.3
LEPRECHAUN	7.3	7.3	7.3	7.0	8.0	6.3	7.0	7.0	7.0	6.7	7.7	7.0	8.0	3.0	6.0	7.7	6.0	6.3
TRAILBLAZER II	7.0	6.3	6.0	7.7	8.0	7.7	7.0	8.3	6.7	6.3	7.3	7.0	8.3	3.7	6.0	8.0	6.3	6.3
VIRTUE	7.3	8.0	6.7	7.3	8.0	6.0	1.0	7.7	7.3	6.0	7.0	7.7	8.0	4.3	6.0	8.0	6.3	8.0
ELDORADO	7.7	7.0	6.0	7.0	8.0	7.0	7.0	7.7	7.3	6.0	7.7	7.0	8.0	3.0	6.0	8.0	6.7	7.3
COCHISE	7.0	7.0	7.0	7.3	8.0	7.0	7.0	7.3	5.3	6.7	6.0	7.3	8.0	3.3	6.0	8.3	6.3	6.3
SILVERADO	7.0	7.7	6.7	7.3	8.0	7.0	7.0	7.7	7.0	6.0	6.3	7.3	8.0	3.3	6.0	7.3	6.0	6.3
ALAMO (J-1048)	7.3	8.0	6.0	7.3	8.0	7.3	7.0	8.0	6.0	6.3	7.0	7.7	4.3	6.0	8.0	6.0	6.0	6.3
MIRAGE (KWS-DSL)	7.0	7.7	6.3	7.3	8.0	7.0	5.0	7.3	6.3	6.3	6.3	7.3	8.3	3.0	6.0	7.7	6.0	7.0
PRO-9178	7.7	6.7	6.3	7.0	8.0	7.3	5.7	7.0	6.0	6.0	7.0	6.7	8.0	4.0	6.0	7.0	6.7	7.0
MONTAUK	6.7	7.3	6.0	7.7	8.0	6.3	7.3	7.0	4.3	6.3	7.3	6.7	6.7	4.3	6.0	7.3	6.0	6.7
PST-5VC	7.0	7.0	6.7	7.3	8.0	7.3	3.3	7.7	6.0	6.3	7.3	7.0	8.7	3.7	6.0	8.0	6.0	5.7
SR 8200	6.3	7.7	7.7	7.0	8.0	7.0	7.7	7.3	5.3	6.3	7.0	6.3	7.3	3.0	6.3	7.7	6.3	7.0

TABLE 4. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN																	
	AL1	AR1	AR2	AZ1	CA1	GA1	GA2	IL1	IL2	IN1	KS1	KS2	KY1	MA1	MD1	MO1	MO2	MO3
PST-5DX W/ENDOPHYTE	7.0	6.3	6.3	7.3	8.0	7.7	5.3	7.7	6.0	6.0	6.3	7.0	7.7	3.7	6.0	7.3	6.0	7.3
403	7.0	7.7	7.7	7.0	8.0	6.3	8.0	7.3	5.0	6.0	6.3	6.7	8.0	3.0	6.0	7.7	6.3	6.7
DEBUTANTE (WXI-208-2)	7.0	6.7	6.7	7.0	8.0	5.7	8.0	7.3	5.0	6.7	7.0	6.7	8.0	3.7	6.0	8.0	6.3	6.7
FA-19	6.3	6.3	6.7	7.0	8.0	7.3	5.3	7.3	6.3	6.3	7.0	6.3	7.7	3.7	6.3	8.0	6.0	6.3
DUKE	6.0	7.0	7.7	7.0	8.0	7.3	5.0	7.3	7.0	6.3	7.3	7.0	7.0	4.3	6.0	7.0	6.0	6.7
PALISADES (OFI-TF-601)	7.7	7.3	6.7	7.0	8.0	6.7	6.7	7.3	6.0	6.3	7.0	6.3	7.0	3.7	5.7	7.7	6.3	6.3
CAS-LA20	6.7	7.0	6.3	7.0	8.0	7.0	8.0	7.7	5.3	5.7	7.0	7.0	7.3	3.3	6.0	8.0	6.0	7.0
AVALON (ISI-ATK)	7.0	8.0	6.3	7.0	8.0	6.3	7.0	7.3	4.0	6.3	6.7	6.3	6.7	4.3	6.0	8.0	6.7	6.7
GUARDIAN	7.0	7.7	6.0	7.0	8.0	7.0	6.0	7.0	6.7	5.7	5.7	6.7	6.7	4.3	6.0	7.7	6.3	6.7
M-2	7.3	6.7	7.0	7.0	8.0	7.3	5.7	7.3	4.7	6.3	6.7	7.0	7.3	3.3	6.0	7.7	6.0	7.3
SR 8210	7.0	8.0	7.0	7.0	8.0	7.3	3.3	7.0	6.3	7.0	6.7	7.3	7.7	2.7	6.3	7.3	6.0	6.3
BAR FA 0855	7.0	7.3	6.3	7.0	8.0	6.3	6.7	7.3	5.0	6.3	7.7	7.0	7.0	3.7	6.0	8.0	6.3	7.0
CAS-MA21	7.0	6.0	6.3	7.3	8.0	7.0	7.7	7.3	5.0	6.0	6.7	7.0	6.7	3.0	6.0	8.0	6.0	7.7
PYRAMID (SIU-1)	7.3	7.7	7.3	7.7	8.0	5.7	4.3	7.0	5.7	6.7	6.7	6.3	7.3	4.7	6.0	7.7	6.0	6.7
SAFARI	7.3	6.7	6.0	7.0	8.0	7.0	8.0	7.7	4.7	6.3	8.0	6.0	7.7	4.0	6.0	7.3	6.0	6.7
SR 8300	7.0	6.7	6.7	7.0	8.0	7.0	7.0	7.3	4.7	6.7	6.7	6.7	7.3	4.0	6.3	7.3	5.7	6.3
BONANZA II	7.7	7.0	6.3	7.0	8.0	7.3	7.7	7.0	4.7	6.3	5.3	6.7	7.0	3.7	5.7	7.3	6.0	7.3
ISI-CRC	6.7	7.0	6.7	7.0	8.0	6.3	5.0	7.3	4.3	6.3	7.7	6.7	7.3	3.3	6.3	8.0	6.7	7.0
FINELAWN 88	7.0	7.0	6.3	7.0	8.0	7.0	6.0	7.0	3.3	5.3	6.0	6.7	8.3	3.7	6.0	7.3	6.0	7.3
MONARCH	7.7	6.0	6.7	7.0	8.0	6.7	5.0	7.3	4.3	6.3	6.3	7.0	7.7	3.7	6.0	8.0	6.0	6.0
GRANDE (SR 8400)	7.0	6.7	6.3	7.0	8.0	6.0	7.0	7.0	5.0	6.0	6.7	6.7	7.0	3.7	6.0	7.3	6.0	6.3
AZTEC	7.0	8.0	7.0	6.7	8.0	6.7	4.3	7.7	1.0	6.7	7.0	6.7	8.0	3.7	6.0	7.7	6.0	7.0
SHENANDOAH	7.0	6.3	6.3	7.0	8.0	6.7	8.0	7.0	5.0	6.0	6.3	6.0	7.0	4.3	6.0	8.0	6.0	7.0
AVANTI	6.0	7.7	6.7	7.0	8.0	7.0	3.7	7.0	6.0	6.0	7.7	6.3	7.3	4.0	6.0	7.3	6.0	6.0
KITTYHAWK	7.7	6.7	6.0	7.0	8.0	6.3	5.3	7.0	5.0	6.0	7.3	6.3	7.0	4.0	6.0	7.7	6.3	6.3
AUSTIN	6.7	7.3	6.0	7.0	8.0	6.0	4.7	7.7	4.7	6.7	7.3	6.0	7.7	4.3	6.0	7.3	6.0	7.0
PSTF-LF	7.0	6.3	6.0	7.0	8.0	7.0	6.7	7.3	3.0	6.7	7.3	6.7	7.0	4.0	6.0	7.7	6.0	6.7
GENERIC (CAFA 101)	7.0	7.3	6.0	7.0	8.0	5.7	7.0	7.0	3.7	6.0	6.0	6.3	7.7	3.7	6.0	7.3	5.7	7.0
FA-22	6.3	7.3	6.7	7.0	8.0	7.0	5.3	7.0	4.3	6.7	6.3	6.7	6.7	3.7	6.0	8.0	5.7	6.0
BAR FA 214	7.0	6.3	6.3	7.0	8.0	6.7	4.3	6.7	5.0	7.0	7.0	5.3	7.0	3.0	5.7	7.7	6.0	7.0
BONANZA	7.7	7.0	7.0	7.0	7.3	6.7	7.3	7.0	4.0	6.0	6.7	6.3	6.3	4.3	6.0	7.0	6.0	6.7
HERITAGE (PSTF-401)	6.7	7.7	5.7	7.0	8.0	5.3	6.7	7.0	3.7	6.7	6.7	6.0	7.0	4.0	6.0	7.0	6.0	6.3
WILDCAT (PSTF-200)	6.7	6.3	6.0	7.0	8.0	7.3	4.7	7.3	3.3	6.3	6.0	5.0	6.7	4.0	6.0	7.7	5.7	6.7
TITAN 2 (SR 8010)	7.0	6.0	6.0	7.0	7.7	7.0	7.3	7.0	3.3	6.7	5.7	5.7	6.7	3.3	6.0	7.3	6.0	7.0
ASTRO 2000	6.7	7.0	5.3	7.0	8.0	6.3	7.3	7.0	3.0	5.3	7.0	5.7	7.0	4.3	6.0	7.3	6.0	6.0
OLYMPIC II	7.3	7.0	5.0	7.0	8.0	6.0	6.0	7.0	2.7	6.0	5.7	6.0	7.0	3.7	6.0	8.0	6.0	6.7
PHOENIX	6.7	6.0	5.7	7.0	8.0	6.0	6.7	6.7	4.0	6.0	6.7	5.7	6.7	3.3	6.0	7.0	5.7	7.3
ARID	7.0	5.0	5.0	7.0	6.3	5.7	5.3	6.3	1.7	6.0	5.7	4.3	6.0	5.0	6.0	7.3	5.7	5.0
FALCON	6.3	5.7	5.3	7.0	7.0	6.7	3.0	6.7	3.7	5.7	5.3	5.3	6.0	3.7	6.0	7.3	4.7	5.3
ANTHEM	7.3	5.0	4.3	6.0	6.0	4.3	2.7	5.7	2.3	6.3	6.3	4.3	6.0	3.7	6.0	7.0	4.7	5.0
KY-31 NO ENDO.	6.7	5.0	4.3	6.3	6.0	4.0	3.3	6.3	1.3	4.0	5.0	3.3	5.0	4.7	5.7	7.0	4.3	3.7
KY-31 W/ENDO.	7.0	4.0	4.0	6.3	5.7	4.0	4.0	5.0	1.0	4.0	4.0	4.0	4.7	5.0	5.7	6.7	4.7	4.3
LSL VALUE	1.1	1.4	1.4	0.6	0.3	1.1	3.8	0.9	1.8	0.9	1.4	1.0	1.1	1.1	0.5	0.8	0.8	1.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 4. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/

NAME	MS1	NE1	NE2	NE3	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA4	VA8	WA1	MEAN
TWILIGHT	8.0	5.3	5.7	6.0	8.0	9.0	8.7	7.0	8.3	5.7	6.3	8.0	8.0	8.0	8.0	6.7	7.3
GENESIS (GEN-91)	7.3	6.7	6.7	6.7	7.7	8.7	7.3	7.0	6.7	6.3	7.7	8.0	7.0	7.0	8.0	7.3	7.3
LEXUS	7.3	6.3	6.3	7.3	8.3	8.3	8.0	7.0	7.7	6.3	6.0	8.0	7.0	6.0	7.7	7.3	7.3
CORONADO (PST-RDG)	7.0	6.0	6.3	6.7	8.7	9.0	7.3	7.7	7.3	6.0	6.0	8.0	7.0	6.7	7.3	7.3	7.2
COYOTE (ZPS-ML)	7.3	6.3	6.3	6.3	8.3	8.3	8.3	7.0	8.7	7.0	6.0	8.0	8.0	6.0	7.3	7.0	7.2
FINELAWN PETITE	7.0	6.7	7.0	5.7	8.0	8.7	7.3	6.7	7.0	6.7	6.0	8.0	8.0	6.0	6.7	7.0	7.2
SUN PRO (PICK 90-10)	7.0	7.3	7.3	6.0	8.7	8.7	7.0	7.0	7.0	6.3	6.0	8.0	7.3	6.0	6.3	6.7	7.2
SOUTHERN CHOICE (MB-25-92)	7.0	6.3	6.3	6.3	7.7	8.3	6.3	7.0	7.7	6.0	6.0	8.0	6.0	6.0	7.3	7.3	7.1
LANCER	7.0	6.0	6.0	6.3	7.0	8.3	7.0	7.0	7.0	6.3	6.0	7.7	6.3	6.0	7.0	7.0	7.0
ATF-007	7.0	6.3	6.3	6.0	7.3	8.7	6.0	7.0	7.3	6.3	6.3	7.3	6.7	6.0	6.7	7.3	7.0
GAZELLE (ZPS-VL)	7.3	5.7	5.5	5.7	8.3	7.3	8.3	7.3	6.0	7.0	6.0	8.0	7.0	6.0	7.3	7.3	7.0
APACHE II (PST-59D)	7.3	6.0	6.0	6.3	7.3	8.0	7.0	6.7	6.3	5.3	6.0	7.7	6.3	6.0	6.7	7.0	7.0
FALCON II (MB-21-92)	7.0	6.3	6.3	6.3	8.0	8.3	6.0	6.7	7.0	6.0	6.0	7.7	6.7	6.0	6.7	6.7	7.0
SHORTSTOP II (PICK 90-06)	7.3	5.7	6.0	6.0	8.0	8.7	6.7	6.7	6.3	5.3	7.0	7.7	6.3	6.0	7.0	7.0	7.0
CROSSFIRE II (PICK 90-12)	7.0	6.0	6.0	6.0	8.0	8.3	6.0	7.0	7.7	6.0	6.0	7.3	6.7	6.0	6.3	7.3	6.9
REBEL 3D	7.0	6.3	6.3	6.3	7.3	8.7	7.0	6.7	6.7	6.3	6.0	7.7	6.0	6.0	7.7	6.7	6.9
PIXIE	7.0	6.5	6.3	6.3	6.7	7.7	6.7	7.0	6.7	6.0	6.0	7.7	6.7	6.0	7.3	7.0	6.9
NINJA (ATF-006)	7.0	5.7	5.7	6.3	6.7	8.0	6.0	7.0	7.0	6.7	6.0	7.7	6.7	5.7	7.0	7.3	6.9
CHIEFTAIN II (PICK CII)	7.0	7.0	7.0	7.0	7.3	8.3	6.0	7.0	7.0	5.7	6.0	7.0	6.3	6.0	7.0	6.7	6.9
RENEGADE (MB-22-92)	7.0	5.7	5.7	5.7	7.3	8.0	6.0	6.7	6.7	5.3	6.0	7.3	5.7	6.0	6.0	7.3	6.9
ISI-AFA	7.0	6.3	6.3	6.0	6.7	8.0	6.3	6.7	6.3	6.0	6.0	7.3	6.7	6.0	5.7	7.3	6.9
STARLET (MB-24-92)	7.0	6.0	6.0	6.0	7.0	8.7	6.0	7.0	7.0	5.3	6.0	7.3	6.0	6.0	6.7	6.7	6.8
PST-5LX	7.3	6.0	5.5	6.0	7.0	9.0	7.0	6.7	5.7	6.0	6.0	7.7	6.7	6.0	6.7	7.3	6.8
EMPRESS (ZPS-E2)	7.0	6.3	6.3	6.0	7.0	8.3	6.0	7.0	6.7	6.0	6.3	7.3	6.3	6.0	6.7	7.3	6.8
DUSTER (ITR-90-2)	7.0	6.3	6.5	5.7	7.0	8.7	6.7	7.0	5.7	6.0	6.0	7.7	6.7	5.7	6.7	7.0	6.8
HOUNDG V (ISI-AFE)	7.0	6.7	6.7	5.7	7.3	8.3	6.0	6.3	7.0	5.7	6.0	7.0	6.3	6.0	6.7	7.7	6.8
BONSAI	7.0	5.5	5.5	5.7	7.7	8.7	6.7	7.0	6.0	6.7	6.0	7.7	6.0	6.0	5.7	6.3	6.8
ADOBE (SFL)	7.0	6.0	6.0	5.7	6.7	8.3	6.3	6.7	7.0	5.7	6.0	7.3	7.0	6.0	7.0	6.7	6.8
BAR FA 2AB	7.0	6.0	6.0	6.0	7.0	8.0	5.0	6.3	6.7	6.0	6.3	7.0	6.3	6.0	6.0	7.3	6.8
MICRO DD	7.0	6.3	6.0	5.7	7.3	8.3	6.3	7.0	6.3	5.7	6.0	7.3	6.0	6.0	6.7	7.0	6.7
VEGAS	7.0	6.0	6.3	6.7	7.0	7.3	6.7	7.3	6.7	5.3	7.0	7.7	6.0	6.0	6.7	7.0	6.7
MARKSMAN (MB-23-92)	7.0	6.7	6.7	6.0	7.7	7.7	6.0	6.7	7.0	5.7	6.0	8.0	6.7	6.0	6.3	7.0	6.7
TOMAHAWK	7.0	6.0	6.0	5.7	6.7	8.7	6.3	7.0	5.7	5.7	5.7	8.0	6.7	6.0	5.3	7.0	6.7
BONSAI PLUS	7.0	6.0	6.0	6.0	7.7	8.3	6.0	6.7	6.7	5.7	6.0	7.0	6.0	6.0	6.0	7.3	6.7
JAGUAR 3 (ZPS-J3)	7.0	6.0	6.0	5.7	6.3	8.3	6.0	6.7	7.0	5.7	6.0	7.3	6.0	6.0	6.7	6.3	6.7
PST-5PM	7.0	5.3	5.0	6.0	6.7	7.3	6.7	7.0	6.7	6.3	6.0	7.7	6.3	6.0	5.7	7.3	6.7
PST-5STB	7.0	5.3	6.0	6.3	6.7	8.7	5.7	6.3	6.0	6.0	6.0	8.0	6.3	7.0	6.3	7.0	6.7
REBEL, JR.	6.7	5.7	5.7	6.0	6.3	7.7	6.0	7.0	6.3	6.0	6.0	7.3	6.3	6.0	6.7	7.0	6.7
LEPRECHAUN	7.0	6.7	6.7	6.0	7.3	8.7	6.0	6.3	5.3	5.3	6.0	7.3	6.0	6.0	7.3	7.0	6.7
TRAILBLAZER II	7.0	6.0	6.3	6.0	6.3	8.0	6.3	6.0	6.0	5.7	6.0	7.0	6.0	6.0	7.0	7.0	6.7
VIRTUE	7.0	6.0	6.0	6.0	7.0	8.3	6.3	6.3	6.0	5.7	6.0	7.7	6.7	6.0	6.3	7.7	6.6
ELDORADO	6.7	5.7	6.0	5.7	6.0	7.3	5.3	6.3	6.0	5.7	6.0	7.7	6.3	6.0	7.0	7.3	6.6
COCHISE	7.0	6.0	6.0	6.0	7.3	8.3	6.0	6.7	5.7	5.7	5.7	7.0	6.0	7.0	6.3	6.3	6.6
SILVERADO	7.0	5.5	5.3	6.0	7.0	8.0	6.0	6.3	5.7	6.3	6.0	7.0	6.0	6.0	6.3	7.0	6.6
ALAMO (J-1048)	6.7	6.0	6.0	5.7	6.3	8.3	5.7	6.3	5.0	5.7	6.0	7.0	5.7	6.0	5.7	7.0	6.5
MIRAGE (KWS-DSL)	7.0	5.7	6.0	5.3	7.3	8.0	6.3	6.3	6.3	5.7	6.0	6.7	6.0	6.0	5.7	6.7	6.5
PRO-9178	7.0	6.3	6.3	6.0	6.0	7.3	5.7	6.0	6.0	5.3	6.3	7.0	6.3	5.7	6.3	7.0	6.5
MONTAUK	7.0	6.3	6.3	5.7	7.0	8.3	6.0	6.3	5.3	5.3	6.0	7.0	6.0	6.0	6.0	7.3	6.5
PST-5VC	7.0	5.5	5.5	5.3	7.7	8.0	6.0	6.7	5.3	6.3	6.0	7.0	6.3	6.0	5.7	6.7	6.5
SR 8200	7.0	6.0	6.0	5.7	5.7	8.0	5.3	6.0	6.0	5.3	6.0	6.7	6.0	6.0	6.3	6.7	6.5

TABLE 4. (CONT'D)

GENETIC COLOR RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	MS1	NE1	NE2	NE3	NJ2	NV1	PA1	PA2	RI1	SD1	TX1	UB1	UB2	VA4	VA8	WA1	MEAN
PST-5DX W/ENDOPHYTE	7.0	6.0	6.0	6.0	6.7	8.0	5.7	6.3	6.3	5.7	5.7	7.0	6.0	6.0	5.7	6.7	6.5
403	6.7	5.3	5.0	5.7	6.7	8.3	6.0	7.0	5.7	5.0	6.0	7.0	6.0	6.0	6.0	6.3	6.5
DEBUTANTE (WXI-208-2)	6.7	6.0	6.0	5.7	5.7	8.3	5.7	6.3	6.0	5.7	6.0	7.0	6.0	6.0	5.3	6.7	6.5
FA-19	7.0	5.7	5.7	5.7	6.0	7.7	5.7	6.3	6.7	6.0	6.0	6.7	5.7	6.0	6.7	7.0	6.4
DUKE	7.0	6.0	6.0	5.3	5.3	7.7	6.3	6.3	5.3	6.3	6.0	7.0	6.0	6.0	5.0	6.7	6.4
PALISADES (OFI-TF-601)	7.0	6.0	6.0	5.3	6.0	8.3	5.7	6.3	5.3	6.0	6.0	7.0	5.7	5.7	5.0	7.3	6.4
CAS-LA20	7.0	5.3	5.3	5.7	6.0	7.7	6.0	6.7	6.0	5.0	6.0	6.7	6.3	6.0	5.3	7.0	6.4
AVALON (ISI-ATK)	6.0	6.0	6.3	6.0	6.7	8.3	4.7	6.0	5.3	6.0	6.0	6.7	6.0	6.0	6.3	7.0	6.4
GUARDIAN	6.7	6.0	6.0	5.7	6.7	7.7	5.3	6.7	6.0	5.3	5.7	7.0	6.0	6.0	6.0	7.3	6.4
M-2	6.7	6.0	6.0	6.0	6.3	8.0	5.3	6.3	6.0	5.7	6.0	6.3	6.0	6.0	5.7	6.7	6.4
SR 8210	7.0	6.3	6.3	5.7	6.0	8.0	5.7	6.3	5.0	5.3	6.0	7.0	5.7	6.0	5.7	7.0	6.4
BAR FA 0855	6.3	5.7	5.5	5.7	5.3	8.0	5.0	6.0	5.7	5.3	6.7	6.7	5.7	6.0	6.7	6.7	6.4
CAS-MA21	7.0	5.3	5.3	6.0	5.7	8.0	6.0	6.0	5.3	5.3	6.3	6.7	6.0	6.0	6.7	6.3	6.4
PYRAMID (SIU-1)	6.0	5.3	5.3	5.7	6.7	8.0	5.3	6.0	5.7	5.0	6.0	6.7	6.0	6.0	7.0	6.7	6.4
SAFARI	6.3	6.0	6.0	5.3	5.3	8.3	4.3	6.0	5.3	5.0	6.0	6.7	6.0	6.0	5.3	7.0	6.3
SR 8300	6.7	6.0	6.0	5.3	6.3	8.3	5.7	6.0	5.0	5.0	6.3	6.7	5.3	5.7	5.7	7.0	6.3
BONANZA II	6.7	6.3	6.0	6.0	6.3	8.3	5.3	6.0	5.3	5.3	5.3	6.7	5.7	5.7	5.3	6.3	6.3
ISI-CRC	6.3	6.0	6.0	5.3	5.7	7.3	5.3	6.0	6.0	5.7	6.3	6.3	6.0	6.0	6.0	6.3	6.3
FINELAWN 88	6.7	6.0	5.7	5.3	6.3	8.3	5.7	6.3	6.0	5.0	6.0	7.0	5.7	6.0	6.0	6.7	6.3
MONARCH	6.7	6.5	6.5	6.0	6.7	8.0	5.0	6.3	5.0	5.7	6.0	6.7	5.3	6.0	5.0	7.0	6.3
GRANDE (SR 8400)	6.3	6.3	6.3	6.0	5.7	7.3	5.3	6.0	6.0	5.7	6.0	6.7	6.0	6.0	5.0	7.3	6.3
AZTEC	7.0	6.0	6.0	5.3	6.0	7.7	5.7	6.0	6.0	5.3	6.0	7.0	6.0	6.0	6.0	6.3	6.3
SHENANDOAH	6.7	5.7	5.7	5.7	5.7	8.0	5.3	5.7	5.3	5.3	6.0	7.0	5.3	6.0	5.7	6.3	6.3
AVANTI	6.0	6.0	6.0	6.0	6.0	7.7	5.0	6.0	6.0	5.3	6.0	6.3	6.0	6.3	5.7	6.7	6.3
KITTYHAWK	6.7	6.0	6.0	6.0	5.3	8.0	5.7	6.3	5.0	5.0	5.7	6.7	5.3	5.7	5.3	6.7	6.2
AUSTIN	6.3	5.7	5.7	5.7	5.3	7.7	5.0	6.0	6.0	5.0	5.7	7.0	5.3	6.0	6.0	6.7	6.2
PSTF-LF	6.3	5.0	5.3	6.0	5.7	8.0	4.3	6.0	5.3	5.0	5.7	6.7	5.3	6.0	5.7	6.7	6.2
GENERIC (CAFA 101)	6.0	6.0	6.0	6.0	5.0	8.0	5.0	5.3	5.0	5.0	6.0	6.3	5.0	6.0	6.3	7.3	6.1
FA-22	6.0	5.7	5.7	6.0	5.3	8.0	5.3	5.7	5.3	5.3	5.7	6.7	5.3	5.0	6.0	6.7	6.1
BAR FA 214	6.0	5.7	5.7	5.0	5.7	8.3	5.0	6.0	5.7	5.7	6.0	6.0	6.0	6.0	6.3	5.7	6.1
BONANZA	6.0	6.0	6.0	5.3	4.3	7.3	5.0	6.0	4.3	5.3	5.0	6.3	5.3	6.0	6.0	6.7	6.1
HERITAGE (PSTF-401)	6.3	6.0	6.0	6.0	5.3	7.7	5.0	5.7	4.7	5.0	6.0	6.7	5.3	6.0	5.0	6.7	6.1
WILDCAT (PSTF-200)	6.0	6.0	6.0	6.0	5.7	8.0	4.3	6.0	5.7	5.0	6.0	6.3	5.3	6.0	5.7	6.7	6.0
TITAN 2 (SR 8010)	6.0	5.7	5.7	6.0	5.0	7.7	4.7	5.7	5.0	5.7	6.0	6.3	5.3	6.0	5.3	6.3	6.0
ASTRO 2000	6.0	6.0	6.0	5.3	4.7	7.7	4.0	5.7	5.0	5.0	5.7	6.3	5.3	6.0	4.7	6.0	5.9
OLYMPIC II	6.0	6.0	6.0	5.7	4.0	7.0	5.0	6.0	4.7	5.3	6.3	6.0	5.3	5.7	4.3	6.3	5.9
PHOENIX	6.0	6.0	6.0	5.3	4.3	7.3	4.0	5.3	4.7	5.3	5.7	6.0	5.0	6.0	4.7	6.3	5.9
ARID	5.3	5.0	5.0	5.0	3.3	6.3	4.3	4.7	4.3	4.0	5.7	6.0	5.0	5.7	4.3	6.0	5.3
FALCON	5.0	5.3	5.3	5.0	3.3	6.7	4.0	5.0	4.3	4.3	4.3	5.3	4.7	5.3	4.0	5.0	5.2
ANTHEM	5.0	5.0	5.0	4.7	3.3	7.0	3.0	5.0	4.0	4.0	4.3	5.0	4.0	5.0	3.7	5.0	4.9
KY-31 NO ENDO.	4.7	4.7	5.0	4.3	1.7	6.3	2.0	4.0	3.3	4.0	4.0	5.0	3.7	4.0	3.7	4.3	4.4
KY-31 W/ENDO.	4.0	4.3	4.3	4.3	1.7	6.0	2.0	4.3	3.0	4.0	4.0	4.0	4.0	4.0	3.7	4.0	4.3
LSD VALUE	0.5	1.1	1.1	0.8	1.3	1.1	1.0	0.7	1.1	0.9	0.7	0.7	0.7	0.3	1.3	1.0	0.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 5.

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
 1995 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 1/

NAME	BC1	IL1	KS1	MO1	MO3	NE1	NE2	NE3	NV1	PA2	RI1	SD1	UB1	UB2	VA1	WA1	MEAN
ANTHEM	5.0	8.0	6.0	6.7	5.0	7.3	7.3	5.7	5.3	4.7	6.3	2.7	8.7	6.3	5.7	7.0	6.1
KY-31 NO ENDO.	5.0	8.0	5.0	6.0	6.3	7.7	7.7	5.3	5.0	4.7	6.0	4.7	7.7	6.0	5.3	7.3	6.1
KY-31 W/ENDO.	4.3	8.0	5.0	6.0	6.3	6.7	6.7	6.0	5.0	4.3	5.3	4.3	8.3	6.7	5.0	8.3	6.0
SAFARI	5.0	6.3	6.3	7.3	5.7	6.3	5.5	5.0	6.7	4.7	4.3	3.7	8.7	6.7	6.7	6.3	5.9
ARID	4.7	7.7	5.7	7.0	6.3	6.3	6.3	4.3	4.7	5.0	4.3	4.0	8.7	6.3	6.3	7.3	5.9
FALCON	4.3	7.3	6.0	7.0	6.7	6.7	6.7	4.3	5.3	4.7	4.3	3.3	7.7	6.7	6.0	7.0	5.9
AVALON (ISI-ATK)	4.7	7.0	6.3	8.0	6.7	6.3	6.3	3.0	5.7	4.7	4.0	5.0	8.3	5.7	5.3	7.0	5.9
BONANZA	5.0	6.7	6.3	7.3	6.0	6.3	6.3	4.3	5.7	4.7	4.7	2.7	8.3	6.7	6.0	5.7	5.8
AVANTI	4.3	6.0	6.3	7.3	5.7	6.3	6.3	5.0	6.0	5.0	4.7	3.0	7.7	6.7	6.7	5.3	5.8
JAGUAR 3 (ZPS-J3)	4.7	6.3	7.0	7.0	5.3	6.0	6.0	4.0	6.0	5.0	4.3	3.7	7.7	5.7	6.0	7.0	5.7
SHENANDOAH	4.3	6.7	6.3	7.3	5.7	6.3	6.3	4.7	6.0	5.0	4.7	3.0	8.3	5.0	5.7	6.0	5.7
OLYMPIC II	4.3	6.7	6.0	7.7	6.3	6.0	6.0	4.0	5.7	4.7	3.7	3.7	7.3	6.0	6.0	7.3	5.7
FALCON II (MB-21-92)	4.0	5.7	6.0	7.3	6.7	6.7	6.7	4.7	7.0	5.0	3.7	2.7	7.3	5.7	6.3	5.7	5.7
GENERIC (CAFA 101)	5.0	6.7	6.3	7.0	6.3	6.0	6.0	3.3	5.7	5.0	4.0	3.3	8.0	5.7	6.0	6.7	5.7
PHOENIX	4.0	6.7	5.7	7.7	4.7	7.0	7.3	4.0	5.7	5.3	3.7	3.7	7.3	5.0	6.3	7.0	5.7
PYRAMID (SIU-1)	5.0	5.7	7.0	7.7	5.0	5.3	5.3	4.7	6.3	5.3	3.7	3.7	8.0	6.0	6.0	6.0	5.7
PSTF-LF	4.7	7.0	6.3	7.3	5.7	5.0	5.7	5.0	6.7	5.0	4.3	3.0	7.3	5.0	5.7	7.0	5.7
WILDCAT (PSTF-200)	5.3	6.3	6.0	7.3	5.0	5.0	5.0	4.3	6.3	5.0	5.0	3.3	8.0	5.7	6.0	6.7	5.6
ISI-CRC	4.7	6.7	6.7	7.3	6.0	6.0	6.0	3.3	6.0	5.0	3.0	3.3	7.7	5.7	6.3	6.3	5.6
GUARDIAN	4.7	6.3	6.0	7.3	5.7	5.7	5.7	4.0	5.7	5.0	3.7	3.3	8.0	5.7	6.3	6.7	5.6
LEPRECHAUN	3.7	5.7	6.7	7.3	5.7	6.7	6.7	5.3	5.3	5.0	3.7	3.7	7.0	5.7	5.7	6.0	5.6
PST-5STB	5.7	5.3	6.3	7.0	5.3	6.3	5.5	4.0	6.3	4.7	4.0	3.7	7.7	5.7	5.7	6.3	5.6
VIRTUE	5.3	5.7	6.3	7.7	5.3	5.3	5.3	4.7	6.0	5.3	3.3	3.3	7.3	6.0	6.7	5.7	5.6
HERITAGE (PSTF-401)	4.7	6.0	6.3	7.3	5.7	6.0	6.0	4.3	6.0	4.7	4.0	3.3	7.7	4.7	5.3	7.3	5.6
MONTAUK	4.3	6.0	6.0	7.7	6.0	5.7	5.7	5.3	6.3	5.0	4.0	2.3	8.0	6.0	5.0	6.0	5.6
AUSTIN	4.7	6.7	6.3	7.3	5.7	6.3	6.3	3.3	6.0	4.0	4.3	3.3	7.7	5.3	5.7	6.0	5.6
HOUNDG V (ISI-AFE)	4.3	6.0	7.0	7.3	6.7	4.7	4.7	4.3	6.7	5.0	3.7	2.3	8.7	5.7	5.7	6.3	5.6
BONANZA II	4.7	7.0	6.0	7.3	6.3	6.0	5.0	3.7	5.7	4.7	4.0	2.7	8.3	6.0	6.3	5.3	5.6
CHIEFTAIN II (PICK CII)	4.0	6.0	6.3	7.3	5.3	6.3	6.3	4.3	6.0	5.0	4.0	2.7	7.7	5.3	6.3	5.7	5.5
ISI-AFA	4.0	5.7	6.7	7.0	6.7	6.0	6.0	3.3	5.7	5.0	4.7	2.3	8.3	5.7	6.0	5.3	5.5
PST-5PM	5.0	6.3	6.0	7.7	6.0	6.3	5.5	4.0	6.0	4.7	3.0	3.0	7.7	5.7	6.0	5.3	5.5
COCHISE	4.7	6.0	6.7	7.3	6.0	5.5	5.5	4.3	6.0	4.7	3.0	2.7	8.0	5.7	6.0	5.7	5.5
GRANDE (SR 8400)	4.7	6.0	6.0	7.7	6.3	6.0	6.0	3.3	6.3	4.3	3.7	3.3	7.7	5.7	5.7	5.0	5.5
LANCER	4.0	6.0	7.0	8.0	6.3	5.3	5.3	3.7	6.0	4.3	4.0	3.0	8.0	5.7	5.3	5.7	5.5
REBEL, JR.	5.7	6.3	6.7	7.3	5.3	5.0	5.0	5.3	5.7	5.3	3.3	3.3	7.0	6.0	4.3	6.0	5.5
BAR FA 214	4.3	5.0	6.3	7.0	6.3	7.0	7.0	3.7	5.3	5.0	3.7	2.3	8.0	5.0	5.7	5.7	5.5
AZTEC	4.3	7.0	6.0	6.7	6.0	6.0	5.5	3.0	6.0	5.0	4.0	2.7	7.3	5.7	6.0	6.0	5.4
EMPRESS (ZPS-E2)	5.0	6.0	6.7	7.3	5.7	5.7	5.7	4.3	6.0	4.3	3.0	3.0	8.3	5.3	5.7	5.0	5.4
FINELAWN 88	4.7	6.7	6.3	7.7	6.7	4.7	5.0	3.3	6.3	4.7	4.3	3.3	7.0	5.0	5.0	6.0	5.4
GENESIS (GEN-91)	5.3	6.0	6.7	7.3	5.7	5.3	5.3	4.0	6.0	4.7	4.0	2.7	7.0	5.7	5.3	5.7	5.4
CAS-MA21	4.7	5.7	6.0	7.0	6.0	6.0	6.0	3.7	5.7	4.7	4.3	3.0	7.3	5.0	5.3	6.3	5.4
MARKSMAN (MB-23-92)	4.3	5.7	5.7	7.3	7.0	5.7	5.7	3.7	5.7	5.0	4.0	3.0	8.0	5.0	6.0	5.0	5.4
MIRAGE (KWS-DSL)	5.3	5.7	6.0	7.0	6.3	5.0	5.0	4.7	6.0	4.7	4.0	2.7	8.0	5.0	5.3	6.0	5.4
FINELAWN PETITE	3.7	5.3	6.3	7.7	6.0	6.0	5.5	4.0	6.0	5.0	3.3	2.3	8.0	6.0	6.0	5.3	5.4
DUKE	4.0	6.3	6.0	7.0	5.7	5.3	5.3	3.3	6.0	5.0	4.7	2.3	7.7	5.7	6.0	6.0	5.4
403	4.3	6.7	6.3	7.3	6.3	4.7	4.0	4.3	5.7	4.7	3.3	3.0	8.0	5.7	6.0	6.0	5.4
FA-19	4.7	5.3	6.3	7.0	5.3	5.7	5.7	4.3	6.0	4.7	4.0	2.7	7.3	6.0	5.7	5.7	5.4
PST-5DX W/ENDORHYTE	5.3	6.3	6.3	7.0	6.0	4.5	4.5	3.3	5.7	5.0	3.3	3.7	8.0	5.7	5.7	5.7	5.4
PST-5VC	5.0	6.3	6.7	7.0	5.3	4.5	4.5	3.3	5.7	5.0	4.0	2.3	8.0	6.0	5.3	7.0	5.4
PALISADES (OFI-TF-601)	4.0	6.0	7.0	7.3	6.0	5.7	5.7	3.3	5.7	4.3	3.3	2.3	7.7	5.0	5.7	6.7	5.4

TABLE 5. (CONT'D)

 SPRING GREENUP RATINGS OF TALL FESCUE CULTIVARS
 1995 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	BC1	IL1	KS1	MO1	MO3	NE1	NE2	NE3	NV1	PA2	RI1	SD1	UB1	UB2	VA1	WA1	MEAN
TITAN 2 (SR 8010)	4.0	6.3	6.0	7.3	4.7	5.3	5.3	4.0	5.3	5.0	4.0	4.3	7.3	5.0	5.3	6.3	5.4
REBEL 3D	4.7	5.7	6.3	7.3	5.7	6.3	6.3	3.3	6.0	4.3	4.0	2.7	6.7	5.0	4.7	6.0	5.3
CORONADO (PST-RDG)	4.7	5.3	6.7	7.0	6.3	5.7	5.7	4.0	6.0	5.0	3.7	3.0	6.3	5.0	4.7	6.0	5.3
ASTRO 2000	4.3	6.3	6.0	7.3	4.3	5.0	4.7	4.3	6.3	5.0	3.7	2.7	7.7	5.3	5.3	6.7	5.3
ADOBE (SFL)	4.3	6.0	6.0	7.3	5.3	5.7	5.7	3.3	5.3	4.7	4.7	3.0	7.3	5.0	5.7	5.3	5.3
PRO-9178	4.7	5.3	6.3	7.3	6.0	5.7	5.7	2.7	6.0	5.0	4.0	3.0	8.7	5.0	4.3	5.0	5.3
RENEGADE (MB-22-92)	5.0	6.0	6.3	8.0	6.0	5.0	5.0	4.0	6.0	5.0	3.3	2.7	7.0	5.0	5.0	5.3	5.3
VEGAS	3.3	5.7	6.3	7.3	6.3	5.0	5.0	4.3	6.0	4.3	3.7	3.7	7.0	6.0	5.3	5.3	5.3
DUSTER (ITR-90-2)	5.0	5.7	6.0	7.0	6.3	6.0	5.0	3.0	6.0	5.3	3.7	2.7	7.0	5.0	5.3	5.3	5.3
SR 8210	4.3	6.0	6.3	7.7	5.3	5.7	5.7	3.0	6.0	5.0	3.3	2.0	8.3	5.0	5.3	5.3	5.3
BAR FA 0855	5.0	6.7	6.3	7.3	6.3	4.7	3.5	4.3	6.0	5.0	3.3	3.0	7.3	5.0	5.3	5.0	5.3
SILVERADO	5.3	6.7	6.0	7.3	5.3	4.0	4.3	3.3	6.0	4.7	3.7	3.3	7.7	5.3	5.3	5.7	5.3
SR 8300	4.3	6.0	6.0	7.0	5.0	5.3	5.3	4.0	6.3	5.0	3.3	2.7	7.3	5.7	5.3	5.3	5.3
BAR FA 2AB	4.3	5.3	6.3	7.0	5.0	5.7	4.5	3.7	6.0	4.7	3.0	3.0	8.0	6.0	5.7	5.7	5.2
PIXIE	4.3	5.7	6.0	7.3	6.0	4.5	5.0	4.3	6.0	4.7	3.3	2.0	7.7	5.3	6.0	5.7	5.2
ALAMO (J-1048)	4.0	5.7	6.3	7.3	5.7	5.5	5.0	3.7	6.0	4.7	3.7	3.0	6.7	5.3	5.3	6.0	5.2
LEXUS	4.3	6.0	6.0	7.3	7.0	4.7	4.7	5.0	6.0	4.7	3.7	2.7	7.0	5.3	4.3	5.0	5.2
CROSSFIRE II (PICK 90-12)	5.0	5.7	6.7	7.3	6.7	3.7	3.7	3.3	6.0	4.3	4.0	4.0	7.0	4.7	5.3	6.0	5.2
STARLET (MB-24-92)	4.7	5.3	6.0	7.7	5.0	6.0	6.0	3.7	5.7	5.0	4.0	3.3	6.3	5.0	4.3	5.3	5.2
SUN PRO (PICK 90-10)	4.3	5.3	6.3	7.0	6.0	6.3	6.3	3.0	6.0	4.7	3.7	3.0	6.7	4.0	4.7	5.7	5.2
SHORTSTOP II (PICK 90-06)	5.0	5.0	6.3	7.3	5.0	5.0	4.0	3.7	6.0	5.0	4.3	3.7	7.3	5.0	5.3	5.0	5.2
ELDORADO	4.0	6.7	6.0	7.3	6.3	4.7	4.5	2.7	6.0	5.0	3.7	2.7	6.3	6.0	5.3	5.7	5.2
SOUTHERN CHOICE (MB-25-92)	4.0	5.7	6.3	7.0	4.7	4.7	4.7	4.3	6.0	4.7	3.3	3.3	8.0	4.7	5.7	5.3	5.1
TRAILBLAZER II	4.0	5.7	6.3	7.7	6.0	5.0	5.0	3.7	6.0	4.7	3.7	2.3	7.3	5.3	5.3	4.3	5.1
ATF-007	4.7	6.0	6.0	7.0	5.0	6.0	6.0	3.0	6.0	5.0	3.3	2.3	7.0	4.3	5.0	5.3	5.1
FA-22	4.7	6.0	6.0	7.3	4.7	5.7	5.7	4.3	6.0	4.7	3.7	2.3	6.3	5.0	4.0	5.3	5.1
SR 8200	5.0	5.3	6.7	7.0	5.3	5.3	5.3	3.3	5.7	5.3	2.7	3.0	7.3	5.0	4.3	5.0	5.1
CAS-LA20	4.3	5.3	6.0	7.3	6.0	5.0	5.0	3.0	6.0	4.3	3.7	2.7	6.7	5.0	4.7	5.3	5.0
M-2	3.7	6.3	6.0	7.7	6.0	4.0	4.0	2.3	6.0	4.7	4.3	2.7	7.0	5.0	4.7	5.7	5.0
GAZELLE (ZPS-VL)	5.0	5.0	6.7	7.3	6.0	4.7	3.0	5.0	5.3	4.7	3.0	3.3	6.3	4.7	4.7	5.3	5.0
TOMAHAWK	4.0	5.7	6.7	7.3	5.3	3.5	3.5	3.3	5.7	4.7	2.7	3.3	7.0	5.0	6.3	6.0	5.0
DEBUTANTE (WXI-208-2)	4.3	5.0	6.0	7.3	6.0	5.7	5.7	3.0	5.7	4.3	3.3	3.0	6.7	4.3	4.7	4.7	5.0
MICRO DD	5.3	5.0	6.3	6.7	4.7	6.0	6.0	3.7	6.0	4.7	3.0	3.0	6.0	3.7	4.7	5.0	5.0
MONARCH	4.0	6.7	6.3	7.0	5.7	4.0	4.0	2.3	5.7	4.7	3.7	2.3	6.7	5.3	5.7	5.7	5.0
APACHE II (PST-59D)	4.3	5.0	6.0	7.7	6.3	3.5	3.7	3.3	5.7	5.0	3.3	2.7	7.0	4.7	5.3	6.0	5.0
PST-5LX	4.0	5.0	6.0	7.7	6.3	5.3	4.0	4.0	5.7	4.7	4.3	2.3	6.3	4.3	4.0	5.0	4.9
KITTYHAWK	4.0	6.0	6.3	7.0	5.0	5.0	3.5	2.7	5.7	4.7	4.3	2.7	6.7	5.0	5.0	5.3	4.9
COYOTE (ZPS-ML)	4.3	5.0	5.7	7.3	5.3	5.0	5.0	3.7	5.7	4.7	2.7	3.3	6.3	4.0	5.0	5.7	4.9
NINJA (ATF-006)	4.3	5.3	6.0	7.3	6.3	4.0	4.0	2.3	5.7	4.7	4.0	2.3	6.7	4.3	4.3	5.0	4.8
BONSAI PLUS	4.7	5.3	6.0	7.3	5.7	3.0	3.0	3.7	5.7	4.7	3.7	2.7	6.0	4.0	4.3	5.7	4.7
TWILIGHT	5.3	4.3	6.0	7.3	4.3	5.3	5.0	2.3	6.0	4.7	4.7	2.0	4.7	3.3	3.0	5.7	4.6
BONSAI	3.0	5.3	6.0	7.0	4.7	4.0	4.0	2.3	5.3	4.7	3.0	3.0	4.3	3.3	4.0	5.3	4.3
LSD VALUE	1.3	1.2	0.8	1.0	2.0	3.1	3.0	1.8	0.8	0.7	1.4	1.1	1.0	1.0	1.3	1.2	0.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 6.

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 1/

NAME	AL1	AR1	AR2	CA1	IL1	IL2	IN1	KSI	KS2	KY1	MD1	MO1	MO2	MO3	MS1	NE1	NE2	NJ2	NV1	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN	
EMPRESS (ZPS-E2)	5.0	7.7	8.0	7.7	6.0	4.7	3.7	7.3	6.3	8.3	5.7	3.7	6.0	7.3	6.3	4.3	5.0	7.7	6.0	5.7	5.7	7.3	7.0	5.7	7.5	7.0	5.3	7.0	4.7	6.2	
ATF-007	4.7	8.0	8.3	7.7	6.0	5.0	4.0	7.3	7.0	9.0	6.0	4.0	6.3	6.7	6.0	3.3	3.3	8.0	6.0	5.7	6.7	5.7	6.7	6.0	6.7	6.7	6.3	7.3	4.0	6.1	
FA-22	4.0	9.0	8.0	7.7	6.0	5.7	4.0	6.3	6.7	8.0	6.0	4.3	6.0	5.7	6.0	5.0	5.0	7.0	6.0	5.3	6.0	6.7	6.0	6.0	6.3	6.3	5.7	6.0	4.3	6.0	
BONSAI	2.7	7.7	6.7	7.3	6.0	4.7	4.3	7.7	6.7	7.0	5.7	4.0	6.0	7.7	7.0	4.5	5.0	6.7	5.7	5.0	6.3	7.3	7.0	6.7	6.3	7.0	5.3	6.0	5.0	6.0	
BAR FA 214	4.3	9.0	7.0	6.3	6.7	5.7	4.7	7.7	5.7	9.0	5.7	3.7	6.0	6.3	6.0	4.3	4.3	6.3	5.7	5.3	5.3	6.3	6.3	5.7	7.3	6.7	5.7	7.0	4.7	6.0	
LANCER	4.3	8.7	8.0	7.3	6.3	6.0	3.7	7.7	6.7	8.3	5.7	4.0	6.0	6.7	5.7	2.7	3.3	6.3	6.0	5.7	6.0	6.0	7.0	6.0	6.0	7.0	6.0	7.0	4.0	6.0	
ADOBE (SFL)	4.0	9.0	7.7	6.7	5.7	3.7	4.3	6.7	6.0	8.7	5.7	4.7	6.0	6.0	6.3	4.0	4.0	7.7	5.7	6.0	5.7	7.0	6.7	6.3	5.7	7.0	6.3	6.7	4.0	6.0	
JAGUAR 3 (ZPS-J3)	5.0	8.3	8.7	7.0	6.7	6.3	4.0	7.3	5.7	9.0	6.0	3.7	6.0	6.3	5.7	3.0	3.0	7.7	5.7	5.7	6.0	5.7	6.0	6.0	6.0	6.0	6.0	7.0	4.0	6.0	
NINJA (ATF-006)	4.3	8.7	8.0	7.0	5.7	4.7	4.3	7.3	7.0	9.0	5.7	3.7	6.0	5.7	6.0	4.3	4.3	7.3	5.7	5.0	6.0	5.0	6.3	6.0	6.0	6.7	5.7	6.3	4.3	5.9	
SOUTHERN CHOICE (MB-25-92)	4.3	9.0	7.7	7.0	6.0	6.7	3.0	6.7	6.0	8.3	5.7	3.7	6.7	6.7	5.7	3.7	4.0	6.3	6.0	5.7	5.3	6.0	6.7	5.7	6.3	6.0	6.3	7.0	4.0	5.9	
LEXUS	4.0	7.0	7.7	7.0	6.0	5.3	3.3	8.0	6.7	9.0	5.3	4.0	6.0	6.0	6.3	4.0	4.0	7.0	6.0	6.0	5.7	5.3	6.7	6.7	6.0	6.0	5.7	7.0	4.0	5.9	
GAZELLE (ZPS-VI)	4.3	8.0	7.3	6.7	5.7	5.0	4.0	7.7	6.7	8.7	6.3	3.7	6.3	5.7	6.0	4.7	4.0	6.0	4.7	5.0	6.0	5.7	6.7	5.7	6.7	6.3	6.0	8.0	4.0	5.9	
SUN PRO (PICK 90-10)	4.7	8.3	7.7	7.3	6.0	4.7	3.3	7.7	6.7	8.0	5.3	3.7	6.0	5.0	6.3	4.0	4.0	6.7	5.7	5.0	6.0	5.7	7.0	6.3	6.7	6.0	6.0	7.0	4.3	5.9	
SHORTSTOP II (PICK 90-06)	4.3	8.0	7.7	7.7	6.0	5.7	3.3	6.3	7.0	9.0	5.3	3.7	6.0	5.7	6.7	5.3	4.0	5.3	6.0	4.7	5.7	6.3	6.7	5.7	6.0	6.0	6.0	6.7	4.3	5.9	
TITAN 2 (SR 8010)	4.7	9.0	7.0	7.3	6.3	5.3	3.3	6.3	6.7	8.7	6.3	4.0	6.3	5.0	5.7	3.7	4.0	6.7	5.7	5.3	6.7	6.0	6.0	5.7	6.0	6.0	6.7	6.7	4.0	5.9	
DUSTER (ITR-90-2)	4.7	8.0	7.3	7.3	6.0	5.3	4.0	7.0	6.3	9.0	5.7	3.7	6.0	5.3	6.0	4.0	4.0	5.7	5.7	5.0	5.3	6.0	6.3	6.3	6.0	6.0	6.7	7.7	3.7	5.9	
DEBUTANTE (WXI-208-2)	4.3	7.0	6.3	7.3	6.0	7.0	4.0	6.7	6.3	8.3	5.7	4.0	6.3	6.0	5.3	3.7	3.7	7.7	5.3	5.7	6.0	5.7	6.3	5.7	6.3	6.3	6.3	6.7	4.0	5.9	
MICRO DD	4.3	8.0	6.3	8.0	6.0	5.7	4.0	7.3	7.0	8.0	5.7	3.3	6.3	5.7	5.7	3.7	3.7	6.7	5.7	5.7	6.0	5.3	6.3	5.7	6.0	6.0	6.3	7.0	4.0	5.8	
COYOTE (ZPS-ML)	4.0	7.7	8.0	7.7	6.0	5.0	3.7	7.3	6.0	8.7	5.7	4.0	6.3	4.7	5.7	4.0	4.0	7.0	5.7	4.7	6.0	5.3	6.7	5.3	6.0	7.0	5.3	7.0	4.0	5.8	
FALCON II (MB-21-92)	4.7	6.7	8.3	7.0	5.7	6.7	3.7	7.0	6.7	8.3	5.7	4.0	6.0	5.7	5.3	3.7	4.7	7.7	6.0	4.7	5.0	5.0	6.3	5.7	6.3	6.0	5.7	6.7	4.0	5.8	
PIXIE	4.3	7.7	6.3	7.0	6.0	5.3	3.0	6.7	6.0	8.0	5.7	3.7	6.3	5.0	5.3	4.5	6.3	6.7	6.0	5.3	5.3	5.7	7.0	5.3	6.0	6.0	5.7	6.7	4.7	5.8	
STARLET (MB-24-92)	4.7	7.7	6.7	7.0	5.7	6.3	3.3	6.3	6.7	8.0	6.0	4.0	6.3	6.0	5.7	3.7	3.7	5.7	5.7	5.7	6.0	5.0	6.3	5.7	5.7	6.0	6.3	7.0	4.3	5.8	
PST-5DX W/ENDOBYTE	4.3	6.7	7.0	7.3	6.7	5.7	4.0	6.3	6.0	7.7	5.3	3.7	6.0	5.7	5.0	4.0	4.0	7.7	5.3	5.3	6.0	7.0	6.7	6.0	6.0	6.0	5.0	6.7	4.0	5.8	
CORONADO (PST-RDG)	4.7	7.0	6.3	7.3	5.7	5.7	3.0	6.7	6.0	7.7	5.3	4.0	6.3	5.7	5.7	4.7	5.0	7.0	6.0	5.3	5.7	5.3	6.3	5.7	6.3	6.0	5.0	7.0	3.7	5.7	
FA-19	4.7	8.3	7.3	6.7	6.3	5.0	3.7	6.7	6.3	7.3	5.3	4.0	6.0	5.7	5.0	4.3	4.3	7.3	6.0	5.0	6.0	5.7	6.0	5.3	5.0	6.3	5.7	6.7	4.0	5.7	
SR 8210	4.0	7.3	7.7	7.3	5.7	5.7	3.3	6.7	5.7	8.7	5.3	3.7	6.0	5.7	5.3	4.0	5.0	6.3	6.0	5.0	5.0	6.0	6.3	6.0	6.0	6.0	5.0	6.3	4.3	5.7	
SR 8300	5.0	8.3	7.3	7.0	6.0	6.0	4.0	5.7	5.3	8.7	6.0	4.0	6.0	5.7	5.0	3.3	3.7	6.3	5.3	4.7	5.7	6.0	5.7	6.0	6.0	6.0	6.0	6.7	4.0	5.7	
M-2	4.7	7.7	8.0	6.7	6.0	5.7	4.3	6.0	7.0	7.7	5.3	3.7	6.0	5.7	6.0	3.0	4.0	6.0	6.0	5.3	6.0	5.0	6.0	5.3	6.0	6.0	6.0	6.3	4.3	5.7	
MARKSMAN (MB-23-92)	4.7	8.7	7.3	7.0	6.0	6.3	3.7	6.3	5.7	7.7	5.7	4.3	6.0	5.3	5.0	3.3	3.3	7.7	7.7	5.3	4.7	5.3	5.3	6.0	5.7	4.7	6.0	5.7	7.0	4.3	5.7
PST-5PM	4.3	7.0	6.7	7.3	5.7	4.3	4.0	6.3	5.7	8.0	5.7	3.3	6.7	5.0	5.7	4.3	3.5	7.0	5.3	5.0	5.3	6.7	7.0	6.0	6.0	6.0	6.0	7.0	3.7	5.7	
MIRAGE (KWS-DSL)	5.0	7.3	7.7	7.0	6.0	4.3	3.3	6.3	6.3	8.0	5.3	3.3	6.0	5.7	5.7	4.0	4.3	7.3	5.3	5.7	5.3	4.7	6.3	5.7	6.3	6.3	5.7	6.0	4.0	5.7	
PST-5VC	4.7	6.7	8.7	7.0	5.7	3.7	5.0	6.7	6.3	8.3	5.7	4.0	6.0	5.3	5.0	3.0	3.0	5.7	5.7	5.3	6.0	5.0	6.3	5.3	6.3	6.3	6.3	6.7	4.7	5.7	
GRANDE (SR 8400)	4.7	8.0	6.7	7.0	6.0	6.7	3.0	6.0	5.7	7.7	6.0	4.3	6.0	5.0	5.0	4.3	4.3	7.0	6.0	5.7	5.3	5.3	6.3	5.7	5.0	6.0	5.7	6.3	3.7	5.7	
APACHE II (PST-59D)	4.3	6.3	7.3	6.3	5.3	6.3	3.0	6.3	6.0	8.0	5.7	4.0	6.0	5.3	5.7	4.5	4.7	5.3	6.0	5.7	5.0	7.0	6.3	5.7	5.7	6.0	5.7	6.7	4.0	5.7	
KITTYHAWK	4.7	7.7	8.0	7.0	5.7	5.3	3.3	6.0	5.0	7.0	5.3	4.3	6.0	5.3	5.3	5.0	5.0	5.7	5.7	5.3	5.0	6.0	6.0	5.7	4.7	6.0	6.3	7.0	4.3	5.6	
AVALON (ISI-ATK)	4.7	6.7	6.3	7.7	6.0	4.3	3.7	6.7	5.7	7.0	5.0	3.3	6.7	5.3	5.0	4.0	4.0	6.7	5.7	5.7	7.0	6.0	6.0	5.3	6.0	6.0	6.0	7.3	3.7	5.6	
SILVERADO	4.7	7.7	7.7	7.3	6.0	5.3	4.0	6.0	6.0	9.0	5.3	4.0	6.0	5.7	5.0	4.5	4.7	3.7	6.0	5.0	5.7	5.0	6.0	5.0	6.7	6.0	5.0	6.0	4.3	5.6	
HOUND OG V (ISI-AFE)	5.0	6.0	6.7	6.7	5.7	5.7	3.3	6.7	5.7	9.0	5.7	3.3	6.0	5.3	5.0	4.0	4.0	7.0	6.0	5.3	5.0	6.0	6.3	5.7	6.3	6.0	5.3	6.7	3.3	5.6	
CAS-LA20	5.0	8.3	8.7	6.7	5.0	6.0	3.3	6.3	6.3	7.0	5.0	3.7	6.0	5.3	5.3	4.3	4.3	6.3	5.3	4.7	5.0	5.0	6.0	5.0	5.7	6.0	6.0	6.3	4.3	5.6	
CROSSFIRE II (PICK 90-12)	5.0	7.7	7.0	7.3	5.3	4.7	4.0	6.7	5.7	8.3	5.3	3.3	6.0	5.7	5.7	3.7	4.0	5.0	6.0	5.3	5.7	5.7	6.0	6.0	6.0	5.0	5.3	6.7	3.3	5.6	
PYRAMID (SIU-1)	4.3	7.3	7.0	7.0	6.0	6.3	3.7	6.3	5.7	8.7	5.7	4.3	6.3	5.3	5.3	3.7	3.7	4.7	6.0	5.0	5.7	5.0	6.3	5.7	5.0	6.0	6.0	6.3	3.7	5.6	
ISI-AFA	4.7	7.7	6.7	7.0	5.7	5.3	3.3	6.7	5.3	8.0	5.3	3.7	6.0	5.7	5.0	5.0	5.0	6.0	5.7	5.0	5.3	5.0	6.3	5.0	6.0	6.0	6.0	6.3	3.3	5.6	
PRO-9178	4.0	8.7	6.7	7.0	5.7	5.0	3.7	6.0	4.7	9.0	5.3	3.7	6.0	5.0	5.3	4.3	4.3	5.7	5.7	5.0	5.0	6.0	6.3	5.7	5.7	6.0	6.0	6.0	4.0	5.6	
ISI-CRC	4.3	6.3	7.0	6.7	6.0	4.7	3.3	7.0	6.0	7.3	5.7	3.7	6.7	5.3	5.3	4.3	4.3	5.7	6.0	5.0	5.7	6.7	6.0	5.3	5.0	6.0	5.7	6.3	3.7	5.6	
BAR FA 2AB	4.7	7.0	7.0	6.3	5.3	5.0	3.3	6.7	5.7	8.3	5.3	3.7	6.0	6.3	5.0	4.7	4.5	5.0	6.0	5.0	5.3	6.0	6.0	5.0	5.3	6.0	5.0	5.7	6.3	4.0	5.5
PST-5LX	4.7	7.3	7.3	6.0	6.3	5.3	3.3	6.3	4.3	8.7	5.0	3.3	5.7	5.3	5.7	4.7	4.0	6.7	6.0	4.3	5.3	5.3	6.0	5.7	5.7	5.0	6.0	7.0	3.7	5.5	
TOMAHAWK	4.7	6.3	7.0	6.7	6.0	5.3	4.0	6.3	6.7	7.0	5.7	4.3	6.3	6.0																	

TABLE 6. (CONT'D)

LEAF TEXTURE RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AL1	AR1	AR2	CA1	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MO1	MO2	MO3	MS1	NE1	NE2	NJ2	NV1	RI1	SD1	TX1	UB1	UB2	VA1	VA4	VA6	VA8	WA1	MEAN
AVANTI	4.7	7.0	7.7	6.7	4.7	6.0	3.7	6.7	5.3	8.0	5.3	3.0	6.0	5.3	5.7	4.7	4.7	6.0	5.3	4.7	4.7	5.7	6.0	5.7	4.7	6.3	6.0	6.0	3.7	5.5
RENEGADE (MB-22-92)	5.0	6.7	6.7	6.3	5.3	6.3	3.0	7.0	6.3	7.3	5.7	3.7	6.0	5.7	5.0	4.3	4.3	5.0	6.0	4.3	5.3	5.3	5.7	5.0	6.0	5.7	6.0	6.7	4.0	5.5
VEGAS	4.0	7.7	8.3	7.0	4.7	5.3	3.3	6.7	5.0	8.0	5.3	3.7	6.0	5.3	5.0	4.7	4.7	5.3	5.7	5.0	5.3	5.7	5.7	5.3	4.7	6.3	5.0	6.0	4.3	5.5
BAR FA 0855	4.3	7.3	7.3	7.3	5.0	5.0	3.7	6.7	5.0	7.0	5.7	4.0	6.0	6.0	5.0	5.0	4.5	5.3	6.0	5.3	5.3	4.7	6.0	5.3	5.3	6.0	5.3	5.7	3.7	5.5
GENESIS (GEN-91)	4.0	6.7	7.0	7.3	5.0	5.0	3.3	6.0	5.7	8.0	5.7	3.7	6.3	5.3	5.0	4.0	4.0	6.3	6.0	5.3	5.0	5.3	6.0	5.3	6.0	6.0	5.3	6.7	3.3	5.5
ALAMO (J-1048)	4.3	7.0	7.3	6.3	5.0	4.7	4.0	6.7	5.3	7.7	5.3	3.7	6.0	5.3	5.7	4.5	4.7	7.0	5.7	5.0	5.7	5.0	6.0	5.0	5.7	5.0	5.0	6.0	3.7	5.5
PST-5STB	4.7	6.7	6.7	6.3	5.0	4.7	3.3	6.7	5.3	8.3	5.3	3.7	6.0	5.7	5.0	4.3	4.5	5.3	6.0	5.0	5.7	5.0	6.0	5.3	4.3	6.0	6.0	7.3	3.7	5.4
BONANZA II	4.7	6.7	7.0	6.7	5.3	4.0	3.3	6.0	5.3	7.7	5.3	3.3	5.7	6.3	5.3	5.0	5.0	5.7	6.0	5.0	5.0	5.0	6.0	5.7	5.3	6.0	5.0	5.7	4.3	5.4
ELDORADO	4.7	6.7	7.7	6.7	6.0	6.0	3.0	6.3	5.3	8.0	5.3	3.3	6.0	5.0	5.0	4.0	3.0	6.0	5.7	4.7	5.3	5.0	6.0	5.3	4.7	6.0	5.7	6.3	4.0	5.4
REBEL, JR. 403	4.3	7.0	6.3	7.0	5.0	5.0	3.7	6.0	6.7	7.7	5.0	3.7	5.3	6.0	5.3	4.3	4.3	4.7	5.7	4.3	5.0	5.0	6.0	5.7	6.0	6.0	5.7	6.7	4.0	5.4
CAS-MA21	4.3	6.0	6.3	6.0	6.0	5.7	3.3	6.3	5.3	7.0	5.7	3.7	6.0	5.3	5.7	4.7	3.0	7.3	5.7	5.3	5.7	5.0	6.0	5.7	5.0	6.0	5.3	6.0	3.7	5.4
SR 8200	4.3	6.3	7.0	7.0	6.0	5.3	3.3	6.0	5.0	7.0	5.0	4.0	6.0	4.7	5.3	4.0	4.0	6.3	6.0	5.0	5.0	5.7	6.0	5.0	5.3	6.0	5.7	6.7	4.0	5.4
FINELAWN PETITE	4.7	6.7	7.0	6.7	5.7	5.7	3.7	6.3	4.7	7.7	5.7	3.7	6.0	5.0	5.7	3.7	3.7	5.7	5.3	5.0	5.7	5.0	6.0	5.3	5.7	6.0	5.7	6.7	3.0	5.4
FINELAWN PETITE	4.3	6.7	7.0	6.7	5.3	5.0	3.3	7.0	5.0	7.0	5.3	4.0	6.0	5.7	5.7	4.3	3.5	6.0	6.0	4.7	5.0	5.0	6.0	5.3	5.0	6.0	5.7	6.7	3.7	5.4
COCHISE	4.3	8.7	8.0	6.7	6.0	5.3	3.3	5.7	5.7	8.0	5.7	3.0	6.0	5.0	5.3	3.0	3.0	5.3	6.0	4.3	5.0	5.0	5.7	6.0	4.7	6.0	5.3	6.7	4.0	5.4
GUARDIAN	4.3	6.0	7.7	7.0	6.3	5.7	4.0	5.3	4.7	7.7	5.3	3.7	6.0	4.7	5.0	4.0	4.3	5.3	5.7	5.3	5.3	4.7	6.0	5.0	5.7	6.0	6.0	6.3	3.7	5.4
MONTAUK	4.3	6.3	7.7	6.7	5.3	4.7	4.0	6.7	5.7	7.7	5.3	3.7	6.0	5.7	5.0	4.3	4.7	5.0	6.0	5.3	5.0	5.0	6.0	5.3	5.0	6.0	5.0	6.0	3.7	5.4
PALISADES (OFI-TF-601)	5.0	7.0	7.7	6.3	5.7	4.7	3.3	6.3	5.7	8.0	5.3	4.0	5.7	5.3	5.0	3.3	3.3	6.3	6.0	5.0	5.0	5.0	5.7	5.3	6.0	5.7	5.7	6.0	3.3	5.4
HERITAGE (PSTF-401)	4.7	7.7	6.7	7.0	6.3	5.0	4.0	6.3	4.7	7.3	5.3	3.3	6.0	5.0	5.3	3.3	3.7	7.0	6.0	4.7	5.0	5.0	5.7	5.0	5.3	6.0	6.0	6.0	2.7	5.4
VIRTUE	4.7	6.7	6.7	6.7	5.3	5.0	3.3	6.3	5.3	7.0	5.3	3.7	6.0	5.3	5.3	5.3	5.3	6.3	6.0	4.3	5.0	5.0	5.3	6.0	4.3	5.7	5.3	6.7	2.3	5.4
BONSAI PLUS	2.3	6.0	7.0	7.0	6.0	5.0	3.3	6.3	6.7	7.0	5.3	3.7	6.0	6.7	5.7	3.5	3.5	5.0	5.7	5.0	5.7	5.0	6.0	5.7	4.7	6.0	5.3	6.0	4.3	5.4
DUKE	4.3	7.7	8.0	6.3	5.0	4.3	3.7	6.7	5.7	7.3	5.0	3.0	6.0	5.0	5.3	3.3	3.3	5.0	6.0	4.7	5.7	5.0	6.0	5.0	5.7	6.0	5.7	6.7	4.0	5.4
MONARCH	5.0	8.0	8.3	6.7	5.7	5.0	3.7	6.0	5.0	7.7	5.3	3.3	6.3	4.7	5.0	4.0	4.0	3.7	6.0	4.7	4.7	5.0	5.7	5.0	5.0	6.0	5.7	6.7	3.3	5.3
CHIEFTAIN II (PICK CII)	5.0	6.0	7.0	6.3	5.7	5.0	3.7	6.3	4.7	7.0	5.7	3.0	6.0	4.7	5.3	3.7	3.7	5.0	5.7	5.0	6.3	5.3	6.0	5.3	5.0	6.0	5.7	6.3	3.3	5.3
TRAILBLAZER II	5.0	6.3	6.3	6.3	5.3	5.7	3.3	6.0	5.0	7.0	5.7	3.3	6.0	5.0	5.0	4.3	5.0	4.3	6.0	4.7	5.0	5.0	5.3	5.3	5.7	6.3	5.7	6.0	3.7	5.3
OLYMPIC II	5.0	5.7	7.7	6.7	5.0	5.3	3.3	6.3	4.0	6.7	5.3	3.3	6.0	5.3	5.3	4.7	5.0	5.7	6.0	4.3	5.3	5.7	5.3	4.7	4.7	6.0	5.7	5.3	4.0	5.3
GENERIC (CAFA 101)	4.7	7.7	6.7	6.7	5.0	5.0	3.0	5.3	5.0	6.3	5.7	3.7	5.7	4.3	5.0	4.7	4.7	4.7	5.3	4.7	5.3	5.0	5.3	5.0	4.7	6.0	6.3	5.3	3.0	5.2
FINELAWN 88	4.0	6.7	7.0	5.3	5.3	4.0	2.7	5.3	5.0	6.7	5.3	3.0	6.0	5.3	5.0	4.7	4.0	5.7	6.0	5.0	5.7	5.0	6.0	5.7	4.7	6.0	4.7	6.3	3.3	5.1
SHENANDOAH	4.7	6.7	6.3	6.0	5.3	5.7	3.3	6.0	4.7	7.0	5.3	3.0	5.7	5.0	5.0	4.0	4.0	4.7	6.0	4.3	5.0	6.0	5.3	5.0	4.7	5.0	5.7	6.3	3.7	5.1
AUSTIN	4.0	6.3	6.3	6.0	5.0	4.0	3.0	7.0	5.0	7.0	5.3	3.0	6.3	4.7	5.0	3.7	3.7	5.0	6.0	4.3	6.0	5.0	5.7	5.0	4.7	6.0	6.3	6.3	3.3	5.1
WILDCAT (PSTF-200)	4.7	5.3	5.7	6.3	6.0	5.3	3.0	5.7	4.3	7.0	5.0	3.3	6.0	5.0	5.0	3.0	3.3	6.3	6.0	5.0	6.0	5.0	5.7	5.0	5.0	6.0	6.0	6.0	3.0	5.1
PHOENIX	4.3	6.3	8.0	6.7	4.3	4.7	3.0	6.0	4.3	6.3	5.0	3.0	5.3	4.7	5.0	5.0	5.0	4.7	6.0	4.3	5.3	5.3	5.0	4.7	5.3	6.0	6.0	6.0	2.7	5.1
PSTF-LF	4.7	6.7	6.3	6.3	6.3	4.7	3.0	6.0	4.7	7.0	5.0	3.3	6.0	4.7	5.0	3.5	3.7	6.3	6.0	5.0	5.7	5.0	6.0	4.7	4.7	5.0	4.3	5.3	3.3	5.1
TWILIGHT	4.3	5.7	5.7	6.0	5.0	5.7	2.7	7.0	5.7	6.3	5.0	3.0	6.0	4.7	5.0	4.7	5.0	5.3	5.3	4.3	4.7	5.0	5.0	5.0	4.3	5.7	5.3	6.7	3.7	5.1
ASTRO 2000	4.7	6.3	7.3	6.7	6.0	4.7	2.0	6.0	4.3	7.0	5.3	3.7	6.0	4.3	4.7	4.0	4.0	5.0	5.7	4.7	5.0	4.3	5.3	5.0	4.0	6.0	5.7	5.3	3.7	5.1
BONANZA	4.7	7.3	6.3	5.7	5.0	5.3	3.0	5.3	4.0	6.3	5.3	3.0	6.0	4.3	5.0	4.7	5.0	4.0	6.0	4.3	5.3	4.7	5.3	5.0	4.0	6.0	5.3	5.7	3.7	5.0
REBEL 3D	4.3	6.0	6.0	5.7	5.3	3.7	3.3	6.3	5.0	6.7	5.3	3.7	6.0	5.0	5.0	4.3	4.3	4.7	6.0	4.3	5.0	5.0	5.3	5.3	3.7	5.0	5.0	5.0	3.0	5.0
ARID	4.7	5.0	5.3	5.3	5.7	4.0	3.3	5.0	4.3	6.7	4.7	3.3	5.7	4.3	4.3	3.3	3.7	4.3	6.0	4.7	5.7	4.3	5.0	4.3	5.0	5.0	5.7	5.3	2.7	4.7
FALCON	4.7	5.0	5.0	6.3	5.0	3.3	3.0	5.0	3.7	5.3	4.7	3.3	5.7	4.0	4.3	5.0	5.0	3.0	4.7	4.7	4.7	3.7	5.0	4.3	3.7	5.0	5.7	5.7	3.3	4.5
ANTHEM	4.0	5.0	4.3	5.0	5.0	4.0	3.0	5.3	3.3	6.0	5.3	3.0	5.0	3.0	5.0	4.0	4.0	3.7	5.7	4.7	4.7	3.3	5.0	4.7	3.7	5.0	4.3	5.0	3.0	4.4
KY-31 NO ENDO.	4.7	3.3	3.0	6.3	4.7	2.7	1.7	4.3	3.0	1.0	4.0	3.0	5.0	2.3	4.7	4.0	3.3	2.0	5.3	3.7	4.0	3.0	4.0	3.3	2.7	4.0	6.0	4.0	2.7	3.6
KY-31 W/ENDO.	4.7	4.0	3.0	4.0	4.0	3.0	1.3	4.0	2.0	1.0	4.0	3.0	5.0	3.0	4.0	5.3	4.0	1.0	3.3	2.7	4.0	3.0	4.0	4.0	3.0	4.0	5.3	3.3	2.0	3.4
LSD VALUE	0.8	1.5	1.7	1.1	0.8	1.9	0.9	1.2	1.3	0.9	0.9	0.9	0.6	1.2	0.7	2.1	1.9	1.9	0.8	1.0	0.8	1.4	0.7	0.8	1.3	0.4	1.3	1.1	0.9	0.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 7.

 SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS
 1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/												
	AR1	AR2	AZ1	GA1	GA2	MO2	MO3	NE3	NV1	PA1	SD1	TX1	MEAN
JAGUAR 3 (ZPS-J3)	7.7	8.3	8.3	6.0	3.3	9.0	8.0	5.3	8.3	6.3	5.7	6.3	6.9
EST-5DX W/ENDOPHYTE	7.0	7.3	8.3	6.0	3.3	9.0	7.0	5.0	9.0	6.0	6.0	7.7	6.8
COYOTE (ZPS-ML)	8.7	7.0	8.7	6.0	3.3	9.0	7.7	5.3	7.7	6.3	5.3	6.7	6.8
NINJA (ATF-006)	8.7	8.3	9.0	5.0	3.7	9.0	7.7	4.0	8.0	6.0	5.7	6.0	6.8
REBEL, JR.	6.7	7.3	8.7	6.0	3.3	9.0	7.0	6.0	8.3	5.7	6.7	6.3	6.8
TITAN 2 (SR 8010)	7.7	7.0	8.3	5.7	4.0	9.0	6.7	5.0	9.0	5.0	6.3	6.7	6.7
CORONADO (PST-RDG)	7.7	7.3	8.3	5.3	4.0	8.7	7.3	5.7	9.0	5.7	5.0	6.3	6.7
FALCON II (MB-21-92)	7.3	8.0	8.3	5.3	3.0	8.7	7.7	5.7	9.0	6.0	5.0	6.3	6.7
RENEGADE (MB-22-92)	8.0	7.3	8.3	5.7	3.3	9.0	6.7	5.7	8.0	6.3	5.7	6.3	6.7
EST-5VC	7.7	7.3	8.3	6.3	3.0	8.3	8.0	5.7	8.3	6.3	4.7	6.0	6.7
APACHE II (PST-59D)	7.7	7.0	8.0	6.0	3.7	9.0	7.0	4.7	9.0	6.0	4.3	7.7	6.7
DUSTER (ITR-90-2)	8.3	8.0	8.7	4.3	1.7	9.0	8.0	5.3	8.7	6.3	4.7	7.0	6.7
SOUTHERN CHOICE (MB-25-92)	8.3	7.0	8.3	5.7	2.3	8.7	7.3	6.0	9.0	5.3	5.0	7.0	6.7
LEXUS	7.7	8.0	9.0	5.3	1.3	8.7	8.0	6.3	7.0	6.3	4.7	7.3	6.6
ATF-007	8.0	7.3	8.7	5.0	3.7	9.0	6.7	5.0	9.0	5.7	5.3	6.3	6.6
STARLET (MB-24-92)	7.7	7.3	9.0	5.3	3.7	8.7	7.0	5.3	8.3	6.0	5.0	6.0	6.6
FA-19	8.0	7.3	8.7	5.3	3.3	8.7	7.7	5.0	8.0	6.3	4.7	6.3	6.6
FA-22	8.7	7.3	8.3	5.3	2.7	8.7	7.7	5.3	9.0	5.3	4.0	7.0	6.6
GRANDE (SR 8400)	7.3	7.0	8.7	5.7	4.0	9.0	6.7	4.3	8.7	5.7	5.3	6.7	6.6
EST-5LX	8.0	6.7	8.3	5.3	3.0	8.7	7.0	5.3	8.7	7.0	5.0	6.0	6.6
VEGAS	7.7	7.0	9.0	5.3	2.3	8.3	7.0	5.3	8.0	6.3	5.7	7.0	6.6
EMPRESS (ZPS-E2)	7.7	7.0	8.3	5.3	2.7	9.0	7.0	5.3	8.3	5.7	4.7	7.7	6.6
BAR FA 2AB	7.3	6.7	8.3	5.0	3.3	8.7	7.7	5.0	8.7	5.3	5.7	7.0	6.6
CROSSFIRE II (PICK 90-12)	7.0	7.0	8.3	5.3	3.7	8.7	7.3	4.7	9.0	5.3	5.7	6.7	6.6
BONSAI	8.7	6.7	8.7	4.7	2.7	8.7	7.7	5.0	7.0	6.0	5.7	7.3	6.6
GAZELLE (ZPS-VL)	8.3	7.7	8.3	5.0	1.0	9.0	7.0	6.3	6.3	7.3	5.7	6.3	6.5
MICRO DD	7.7	6.3	9.0	5.7	3.0	8.3	6.7	5.3	8.0	5.7	6.0	6.7	6.5
SHORTSTOP II (PICK 90-06)	8.0	7.0	8.3	5.0	3.3	9.0	7.7	5.3	8.3	5.3	4.3	6.7	6.5
SILVERADO	8.0	6.7	7.7	6.0	3.7	8.7	7.3	5.0	8.3	5.3	5.3	6.3	6.5
TOMAHAWK	7.0	7.3	8.3	5.7	3.0	9.0	7.0	5.0	7.7	6.0	6.0	6.3	6.5
SR 8210	7.7	6.7	8.3	5.3	2.7	9.0	7.0	5.0	9.0	6.0	4.7	6.7	6.5
LEPRECHAUN	8.0	6.3	8.0	5.0	3.7	9.0	7.0	5.7	7.3	6.3	5.7	6.0	6.5
EST-5PM	7.7	7.0	8.7	5.3	3.3	8.7	7.0	4.7	8.0	6.3	4.7	6.7	6.5
ALAMO (J-1048)	7.7	6.7	8.7	5.7	2.7	8.7	7.7	4.7	8.7	5.7	5.3	6.0	6.5
SAFARI	7.3	7.0	8.3	6.0	3.0	8.7	7.0	5.0	8.3	5.3	5.7	6.0	6.5
SR 8300	7.7	7.0	8.3	5.7	2.7	8.3	6.7	5.0	8.0	5.7	5.7	7.0	6.5
HOUND DOG V (ISI-AFE)	7.7	6.0	8.3	5.3	2.7	8.7	7.3	5.7	8.7	6.3	4.0	7.0	6.5
403	7.0	6.7	7.7	5.3	3.7	9.0	7.3	5.0	9.0	5.0	5.7	6.0	6.4
AVALON (ISI-ATK)	7.7	6.0	9.0	5.3	2.3	8.7	7.0	4.3	8.0	5.0	7.0	7.0	6.4
DEBUTANTE (WXI-208-2)	7.3	7.3	8.0	5.7	3.0	9.0	7.0	5.3	8.3	5.3	5.0	6.0	6.4
ISI-AFA	7.0	7.3	8.3	6.3	3.7	8.3	7.7	4.0	7.7	6.3	4.7	6.0	6.4
COCHISE	7.3	6.7	8.7	6.0	4.0	8.7	6.0	4.7	8.7	6.0	4.3	6.3	6.4
MARKSMAN (MB-23-92)	7.3	6.7	8.3	5.7	2.0	9.0	7.3	5.0	7.7	6.0	5.0	7.0	6.4
BAR FA 0855	6.7	6.7	8.3	4.7	3.0	8.3	6.7	5.3	8.7	6.0	5.7	6.7	6.4
PIXIE	7.3	6.7	8.3	5.7	2.7	9.0	6.7	5.0	8.3	5.7	4.7	6.7	6.4
ADOBE (SFL)	7.7	6.0	8.3	5.7	3.0	9.0	7.3	4.3	8.3	5.7	5.0	6.3	6.4
LANCER	7.7	6.3	8.3	4.7	3.0	8.7	7.0	5.7	9.0	5.3	4.3	6.7	6.4
M-2	7.3	6.3	8.7	5.7	2.7	9.0	6.3	4.3	8.7	5.7	6.0	6.0	6.4
EST-5STB	8.0	6.0	7.3	5.3	3.0	8.7	7.0	4.7	8.3	6.0	6.0	6.3	6.4
CAS-LA20	7.3	7.3	8.3	5.0	3.7	9.0	6.7	5.0	7.0	6.0	5.0	6.0	6.4

TABLE 7. (CONT'D)

SPRING DENSITY RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY												
	AR1	AR2	AZ1	GA1	GA2	MO2	MO3	NE3	NV1	PA1	SD1	TX1	MEAN
CAS-MA21	7.0	6.7	8.3	4.7	3.0	9.0	7.3	5.0	8.7	5.3	4.7	6.7	6.4
TRAILBLAZER II	7.3	7.3	8.3	6.0	2.0	9.0	7.3	5.0	8.0	5.3	4.7	6.0	6.4
AUSTIN	6.7	6.3	8.0	5.7	3.0	9.0	6.7	4.3	9.0	5.3	6.3	6.0	6.4
FINELAWN 88	7.0	6.7	8.0	5.7	3.7	8.3	6.3	4.7	8.7	4.7	6.3	6.3	6.4
PRO-9178	8.3	7.0	8.3	5.7	1.7	9.0	6.7	5.0	7.7	5.7	5.0	6.3	6.4
PYRAMID (SIU-1)	7.0	6.0	8.7	5.3	2.7	9.0	7.0	5.3	8.0	5.3	5.3	6.7	6.4
SHENANDOAH	7.0	5.3	7.7	5.7	3.3	8.7	7.7	4.7	9.0	5.0	5.7	6.7	6.4
SR 8200	7.3	5.7	8.3	5.7	4.0	8.7	6.7	4.0	9.0	5.7	5.0	6.3	6.4
EAR FA 214	8.3	7.3	8.3	5.3	2.0	9.0	7.7	4.7	7.0	5.3	4.3	7.0	6.4
ELDORADO	7.7	6.7	8.3	5.3	4.7	8.7	6.0	4.3	8.7	5.0	4.7	6.0	6.3
MONTAUK	7.7	7.0	8.0	4.7	2.7	9.0	6.7	5.7	9.0	5.7	4.0	6.0	6.3
CHIEFTAIN II (PICK CII)	6.3	6.7	8.0	4.7	2.7	8.7	6.7	5.0	8.0	6.3	6.0	6.7	6.3
OLYMPIC II	6.7	6.0	8.0	5.3	4.0	9.0	7.3	4.3	7.7	5.3	5.3	6.7	6.3
BONANZA II	6.7	6.3	8.0	6.3	3.7	8.3	6.7	5.0	8.7	5.0	4.3	6.7	6.3
DUKE	7.3	7.0	8.3	5.3	2.7	9.0	7.3	4.7	8.0	5.7	4.3	6.0	6.3
FINELAWN PETITE	6.3	6.3	8.0	5.7	3.7	8.7	7.7	5.3	7.7	6.0	4.3	6.0	6.3
GUARDIAN	7.0	7.0	7.3	5.7	3.7	8.7	7.0	5.0	8.0	5.7	5.3	5.3	6.3
AZTEC	7.3	6.0	8.3	5.3	3.0	9.0	6.3	4.0	8.0	6.0	6.0	6.0	6.3
GENESIS (GEN-91)	7.3	7.0	8.3	4.3	3.0	8.7	7.0	5.0	7.7	6.7	4.3	6.0	6.3
MIRAGE (KWS-DSL)	8.0	6.3	7.7	6.0	3.0	8.7	7.3	4.7	8.3	5.0	5.0	5.3	6.3
PALISADES (OFI-TF-601)	7.0	7.3	8.0	5.0	2.3	9.0	6.7	4.3	8.0	6.0	5.7	6.0	6.3
PSTF-LF	7.0	6.0	7.7	6.0	3.3	8.7	6.3	5.3	8.3	4.7	5.0	6.7	6.3
BONSAI PLUS	7.0	7.3	8.3	5.3	3.7	8.3	6.7	5.0	7.7	4.7	5.0	6.0	6.3
REBEL 3D	6.7	5.7	8.0	5.7	3.3	8.3	6.7	5.0	8.7	5.3	5.7	6.0	6.3
SUN PRO (PICK 90-10)	8.0	7.3	8.7	4.7	2.7	8.7	6.7	4.0	7.7	5.7	5.0	6.0	6.3
WILDCAT (PSTF-200)	5.7	6.0	8.0	5.7	2.7	8.7	6.7	5.0	8.0	4.7	6.7	7.3	6.3
KITTYHAWK	7.7	6.3	8.3	4.7	2.7	9.0	7.0	4.3	7.7	5.3	4.3	7.3	6.2
AVANTI	6.3	6.7	8.7	6.0	1.7	9.0	7.3	4.3	7.3	6.0	4.7	6.3	6.2
ISI-CRC	7.0	6.3	8.0	6.0	2.7	8.3	7.3	4.3	7.3	4.3	5.3	7.0	6.2
VIRTUE	7.0	5.7	8.3	4.3	1.3	8.3	6.7	5.3	8.3	6.0	6.0	6.7	6.2
MONARCH	7.0	6.7	8.0	5.0	3.3	9.0	6.0	4.0	8.7	4.7	5.0	6.3	6.1
GENERIC (CAFA 101)	6.0	5.7	7.7	5.3	2.7	9.0	6.3	4.0	8.7	6.0	6.0	6.0	6.1
HERITAGE (PSTF-401)	7.3	5.3	8.0	5.0	3.7	8.7	6.3	5.0	7.7	5.0	4.7	6.3	6.1
ASTRO 2000	6.0	6.3	8.3	5.3	3.7	9.0	6.3	5.0	8.7	4.7	4.3	5.3	6.1
BONANZA	6.3	5.7	8.3	5.3	2.7	8.7	6.3	4.3	8.0	5.7	5.3	5.7	6.0
PHOENIX	6.0	6.7	8.0	5.3	3.3	8.7	6.0	4.0	7.0	5.3	5.7	6.3	6.0
ARID	5.0	5.3	7.0	6.3	3.3	8.3	6.0	4.3	7.7	5.3	6.0	5.7	5.9
TWILIGHT	7.3	5.3	7.3	5.3	3.0	8.7	6.3	3.7	8.7	3.7	4.3	6.0	5.8
FALCON	5.3	5.3	7.3	5.3	3.0	7.7	5.3	4.0	8.3	4.3	5.3	5.0	5.5
ANTHEM	5.7	4.7	7.7	4.7	2.7	8.3	6.3	4.3	8.3	4.0	5.0	3.7	5.4
KY-31 NO ENDO.	4.7	4.3	6.7	4.7	2.3	8.0	4.3	3.7	7.3	2.7	6.0	3.3	4.8
KY-31 W/ENDO.	4.3	3.3	7.0	5.0	2.7	7.7	4.7	3.7	6.7	2.7	6.0	3.7	4.8
LSD VALUE	1.2	1.5	0.9	1.0	2.5	0.7	1.1	1.4	1.5	1.2	1.4	1.2	0.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 8.

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/													MEAN
	AR1	AR2	AZ1	BC1	CA1	GA1	MO2	MO3	NE3	NV1	PA1	SD1	TX1	
DUSTIER (ITR-90-2)	6.0	6.7	7.7	7.0	7.0	5.3	9.0	7.0	5.7	8.7	7.0	7.0	7.0	7.0
PST-5DX W/ENDOPHYTE	7.3	7.0	7.0	6.3	7.0	5.3	9.0	6.0	5.0	9.0	7.3	6.3	7.7	6.9
LANCER	7.0	6.0	6.7	6.7	7.0	5.7	9.0	7.0	6.0	9.0	6.3	6.7	7.0	6.9
PST-5VC	6.7	7.3	7.3	7.3	7.0	4.7	9.0	6.0	6.0	8.3	7.3	6.0	7.0	6.9
CROSSFIRE II (PICK 90-12)	6.7	7.0	7.0	7.0	7.0	5.3	8.7	6.3	5.0	9.0	7.0	6.7	7.0	6.9
FA-22	7.3	6.3	7.3	7.0	7.0	5.3	9.0	6.3	5.7	9.0	6.7	5.3	7.0	6.9
RENEGADE (MB-22-92)	6.0	6.3	6.7	7.3	7.0	6.3	9.0	6.0	6.0	8.3	7.0	6.7	6.7	6.9
JAGUAR 3 (ZPS-J3)	7.3	6.7	6.7	6.7	7.0	5.3	9.0	6.3	5.7	8.3	6.3	7.0	7.0	6.9
NINJA (ATF-006)	7.7	6.7	7.7	7.3	7.0	5.3	9.0	6.7	4.0	8.0	6.7	6.3	7.0	6.9
SOUTHERN CHOICE (MB-25-92)	6.3	7.0	6.3	6.3	7.0	6.0	8.7	6.0	5.7	9.0	7.3	6.7	7.0	6.9
REBEL, JR.	7.0	5.7	7.0	7.0	7.0	5.7	8.7	6.0	6.3	8.3	6.3	7.0	7.0	6.8
PST-5STB	7.3	6.0	7.3	7.0	7.0	5.0	9.0	6.3	5.3	8.7	6.0	6.7	7.0	6.8
SHORTSTOP II (PICK 90-06)	6.7	7.0	7.0	7.0	7.0	5.0	9.0	6.7	5.3	8.3	7.0	5.7	7.0	6.8
DEBUTANTE (WXI-208-2)	6.7	6.3	5.7	6.7	7.0	5.0	9.0	6.5	6.0	8.7	7.0	7.0	7.0	6.8
LEXUS	6.0	7.3	6.3	6.0	7.0	5.3	9.0	6.7	6.0	8.3	6.7	6.7	7.0	6.8
PIXIE	7.0	6.7	7.0	7.0	7.0	5.3	9.0	6.0	5.0	8.3	7.0	6.0	7.0	6.8
SILVERADO	7.0	6.3	7.0	6.7	7.0	5.3	9.0	6.0	5.7	8.7	6.0	6.7	7.0	6.8
ATF-007	7.3	6.0	6.7	6.3	7.0	5.7	9.0	6.0	5.0	9.0	7.0	6.3	7.0	6.8
MICRO DD	7.0	5.3	7.3	6.7	7.0	5.7	9.0	6.0	5.7	8.0	6.7	7.0	7.0	6.8
SR 8210	6.3	6.7	7.0	7.3	7.0	5.7	8.7	5.3	4.7	9.0	7.0	6.7	7.0	6.8
STARLET (MB-24-92)	6.7	6.7	6.0	7.0	7.0	5.3	9.0	6.7	5.7	8.3	6.7	6.3	7.0	6.8
BAR FA 0855	7.0	6.3	7.3	6.3	7.0	5.0	9.0	5.7	5.3	9.0	6.7	6.3	7.0	6.8
COYOTE (ZPS-ML)	7.7	6.3	6.3	6.7	7.0	5.3	9.0	6.0	5.3	7.7	7.3	6.3	7.0	6.8
HOUNDOG V (ISI-AFE)	6.3	7.3	6.0	6.7	7.0	5.3	9.0	6.3	5.7	8.7	6.7	6.0	7.0	6.8
PST-5LX	6.3	7.0	7.0	6.3	7.0	6.0	8.7	6.3	5.3	8.7	6.3	6.0	7.0	6.8
SUN PRO (PICK 90-10)	7.7	6.7	6.7	6.3	7.0	5.3	9.0	6.0	4.3	8.0	7.3	6.7	7.0	6.8
TITAN 2 (SR 8010)	7.0	6.3	6.3	7.0	7.0	5.3	8.7	6.0	5.0	9.0	6.7	6.7	7.0	6.8
BONSAI	7.0	5.0	7.0	6.7	7.0	4.7	9.0	6.7	5.3	7.7	7.3	7.3	7.3	6.8
GRANDE (SR 8400)	7.3	6.7	6.0	7.3	7.0	5.3	9.0	5.7	5.0	9.0	6.3	6.0	7.3	6.8
ADOBE (SFL)	7.0	6.0	6.3	6.0	7.0	6.3	9.0	7.0	4.7	8.3	6.7	6.3	7.0	6.7
CORNADO (PST-RDG)	6.3	6.0	7.3	6.7	7.0	5.7	8.7	6.3	5.7	9.0	6.0	6.0	7.0	6.7
AVANTI	6.7	6.3	7.3	6.3	7.0	5.3	9.0	6.0	5.3	8.0	6.7	6.3	7.0	6.7
TOMAHAWK	6.3	6.7	6.7	7.0	7.0	5.3	8.7	6.3	5.3	8.0	6.3	6.7	7.0	6.7
BAR FA 214	7.3	6.7	6.3	7.0	7.0	5.3	9.0	6.3	4.7	7.0	7.0	6.7	7.0	6.7
BAR FA 2AB	6.7	5.7	7.7	7.3	7.0	5.3	9.0	6.3	4.7	8.7	5.3	6.7	7.0	6.7
PALISADES (OFI-TF-601)	7.3	6.3	7.0	6.7	7.0	5.0	9.0	6.0	5.0	9.0	6.0	6.0	7.0	6.7
PST-5PM	6.7	6.3	6.3	6.7	7.0	5.0	9.0	6.3	5.0	8.3	7.3	6.3	7.0	6.7
PYRAMID (SIU-1)	6.7	6.3	7.0	6.3	7.0	5.3	9.0	6.0	5.0	8.7	6.3	6.7	7.0	6.7
MIRAGE (KWS-DSL)	6.3	5.7	6.7	7.0	7.0	5.3	8.7	6.3	5.3	8.7	7.0	6.3	6.7	6.7
ALAMO (J-1048)	6.3	5.3	6.7	6.3	7.0	5.3	9.0	6.7	5.3	9.0	6.3	6.7	7.0	6.7
APACHE II (PST-59D)	6.3	6.3	7.0	6.7	7.0	5.7	9.0	6.3	5.0	9.0	5.7	6.0	7.0	6.7
FALCON II (MB-21-92)	6.3	6.7	6.0	6.7	7.0	5.0	8.7	7.0	5.3	9.0	6.0	6.3	7.0	6.7
LEPRECHAUN	7.3	6.3	5.7	7.0	7.0	5.3	8.7	6.3	5.7	7.3	6.7	6.7	7.0	6.7
EMPRESS (ZPS-E2)	6.7	5.3	6.7	6.3	7.0	5.3	9.0	6.3	5.7	8.7	7.0	5.7	7.0	6.7
FINELAWN 88	6.0	6.3	7.7	6.3	7.0	5.7	8.7	6.0	5.0	9.0	6.0	6.0	7.0	6.7
FA-19	7.0	6.0	6.7	6.3	7.0	5.0	8.7	6.3	5.3	8.0	7.0	6.0	7.0	6.6
403	6.3	5.7	6.7	7.0	7.0	5.3	9.0	6.3	5.0	9.0	5.7	6.0	7.0	6.6
FINELAWN PETITE	7.0	6.7	7.3	6.7	7.0	5.3	9.0	6.3	5.0	7.7	5.3	5.7	7.0	6.6
GENESIS (GEN-91)	6.0	6.7	7.0	7.3	7.0	5.3	8.7	6.3	5.3	7.7	6.0	5.7	7.0	6.6
ISI-AFA	6.0	7.3	6.3	6.3	7.0	5.7	9.0	6.0	4.3	8.0	6.3	6.7	7.0	6.6

TABLE 8. (CONT'D)

SUMMER DENSITY RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY													MEAN
	AR1	AR2	AZ1	BC1	CA1	GA1	MO2	MO3	NE3	NV1	PA1	SD1	TX1	
M-2	5.7	6.3	6.3	7.3	7.0	6.0	8.7	5.7	4.3	8.7	6.7	6.3	7.0	6.6
MARKSMAN (MB-23-92)	6.3	6.7	6.3	6.0	7.0	5.0	9.0	6.3	5.0	7.7	7.0	6.7	7.0	6.6
MONTAUK	6.7	6.3	6.0	5.7	7.0	5.7	9.0	5.7	5.7	9.0	6.7	5.7	7.0	6.6
PRO-9178	6.7	6.7	6.0	7.7	7.0	5.0	8.7	5.3	4.7	8.3	6.7	6.3	7.0	6.6
DUKE	6.3	6.7	7.0	6.7	7.0	4.7	9.0	6.0	4.7	8.3	6.3	6.3	7.0	6.6
ASTRO 2000	6.0	6.0	8.0	6.7	7.0	5.7	9.0	5.7	5.3	9.0	5.3	5.7	6.3	6.6
MONARCH	7.3	6.3	7.0	6.3	7.0	5.3	9.0	5.7	4.0	8.7	5.7	6.3	7.0	6.6
SR 8300	6.7	6.3	6.0	6.0	7.0	5.0	8.7	5.3	5.3	8.3	6.0	7.3	7.7	6.6
TRAILBLAZER II	5.7	7.0	6.3	6.3	7.0	5.7	9.0	6.3	5.7	8.3	5.7	5.7	7.0	6.6
ELDORADO	6.3	7.0	8.0	5.7	7.0	5.7	8.3	5.7	5.0	9.0	5.3	5.7	7.0	6.6
REBEL 3D	7.0	6.3	7.3	6.3	7.0	5.7	8.7	5.7	4.7	9.0	5.0	6.0	7.0	6.6
AVALON (ISI-ATK)	7.3	5.7	6.0	6.7	7.0	4.7	9.0	5.7	4.3	8.0	7.3	6.7	7.0	6.6
SHENANDOAH	5.7	6.0	6.3	6.7	7.0	5.3	8.7	6.0	5.3	9.0	5.7	6.7	7.0	6.6
VEGAS	6.0	6.0	7.0	6.3	7.0	5.3	9.0	6.3	5.3	8.3	5.7	6.0	7.0	6.6
COCHISE	6.3	6.3	6.0	7.0	7.0	5.0	8.7	6.3	4.7	9.0	6.3	5.7	7.0	6.6
GAZELLE (ZPS-VL)	6.7	5.0	6.0	5.7	7.0	5.0	9.0	6.7	6.7	6.3	6.7	7.3	7.3	6.6
VIRIUE	6.0	6.0	7.0	7.0	7.0	5.0	8.7	6.0	5.7	9.0	5.0	6.0	7.0	6.6
BONANZA II	6.3	6.0	7.0	7.0	7.0	5.3	9.0	5.7	4.7	8.7	6.0	5.3	7.0	6.5
GENERIC (CAFA 101)	6.7	6.0	6.7	7.0	7.0	4.7	9.0	5.7	4.3	9.0	6.0	6.0	6.7	6.5
SR 8200	5.3	6.7	6.0	6.7	7.0	5.7	8.7	6.0	4.3	9.0	6.0	6.3	7.0	6.5
BONSAI PLUS	6.0	7.3	6.7	6.0	7.0	5.3	9.0	5.3	5.0	7.7	6.0	6.0	7.0	6.5
AZTEC	6.3	6.3	6.7	6.3	7.0	5.3	9.0	5.7	3.7	8.0	6.7	6.3	7.0	6.5
CAS-MA21	5.3	6.3	6.7	6.0	7.0	5.0	8.7	6.0	4.7	9.0	6.3	6.3	7.0	6.5
SAFARI	6.3	5.3	5.7	6.7	7.0	5.0	8.3	6.3	5.7	8.0	6.0	6.7	7.0	6.5
CAS-LA20	7.0	6.0	6.3	6.3	7.0	4.7	8.3	6.3	5.0	7.7	6.0	6.3	7.0	6.5
CHIEFTAIN II (PICK CII)	5.7	5.7	6.7	6.7	7.0	5.0	9.0	6.0	5.0	8.3	5.7	6.3	7.0	6.5
KITTYHAWK	6.7	6.0	6.3	7.0	7.0	5.0	9.0	5.7	4.0	8.3	6.0	6.0	7.0	6.5
GUARDIAN	6.0	5.7	6.3	6.3	7.0	5.0	8.7	5.7	5.3	8.7	6.3	6.7	6.3	6.5
ISI-CRC	6.3	6.0	6.0	6.3	7.0	5.0	9.0	6.3	4.7	7.7	6.0	6.0	7.0	6.4
AUSTIN	6.3	6.0	6.3	6.0	7.0	5.3	9.0	5.0	4.3	9.0	5.3	6.7	6.7	6.4
HERITAGE (PSTF-401)	6.3	6.0	6.7	6.3	7.0	5.0	9.0	5.3	5.3	7.7	6.0	5.7	6.7	6.4
WILDCAT (PSTF-200)	5.7	6.0	6.3	5.3	7.0	5.3	9.0	6.0	4.7	8.0	6.0	6.7	7.0	6.4
PSTF-LF	6.7	5.3	6.3	6.3	7.0	5.3	9.0	5.7	5.3	8.3	5.0	5.7	6.7	6.4
OLYMPIC II	6.0	5.0	6.3	6.7	7.0	5.0	9.0	5.3	4.7	8.0	5.7	6.3	7.3	6.3
BONANZA	5.0	6.3	7.3	6.3	7.0	5.3	8.7	5.5	4.0	8.7	5.7	6.3	6.0	6.3
PHOENIX	5.7	5.7	7.0	5.3	7.0	4.7	9.0	5.0	4.7	7.7	6.0	6.0	7.0	6.2
ARID	6.0	5.0	7.0	6.3	7.0	4.7	9.0	5.0	4.7	7.7	5.0	6.3	6.3	6.2
TWILIGHT	5.7	5.7	6.7	6.3	7.0	5.7	9.0	5.7	3.3	8.7	3.7	5.3	7.0	6.1
FALCON	5.3	4.7	7.0	6.3	7.0	5.0	8.3	5.0	4.0	9.0	4.7	6.3	5.0	6.0
ANTHEM	4.7	4.7	7.3	6.3	5.7	5.0	8.3	5.0	5.3	8.7	5.3	5.7	5.3	5.9
KY-31 NO ENDO.	3.7	3.7	6.3	5.0	5.3	5.0	8.3	3.7	4.0	8.0	3.7	5.0	5.0	5.1
KY-31 W/ENDO.	4.0	3.3	6.3	5.3	5.0	4.3	8.0	4.0	4.0	7.0	4.0	5.0	5.0	5.0
LSD VALUE	1.4	1.4	1.5	1.5	0.1	1.1	0.6	0.9	1.6	1.4	1.0	1.1	0.5	0.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 9.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY											1/ MEAN	
	AR1	AR2	AZ1	CA1	GA1	GA2	MO2	MO3	NE3	NV1	SD1		TX1
IANCER	8.7	7.3	8.0	7.0	7.3	3.0	8.3	9.0	5.7	9.0	7.0	6.7	7.3
ATF-007	8.7	7.7	8.0	7.0	6.3	2.7	8.7	8.3	5.0	9.0	7.7	7.3	7.2
E5T-5DX W/ENDOPHYTE	7.7	7.0	8.0	7.0	7.0	3.5	8.7	8.7	4.7	9.0	7.3	7.7	7.2
JAGUAR 3 (ZPS-J3)	7.3	7.7	8.0	7.0	6.7	3.5	8.7	8.3	5.7	8.3	8.0	6.7	7.2
CORONADO (PST-RDG)	7.7	8.0	8.0	7.0	7.0	3.3	8.7	8.3	5.3	9.0	7.3	6.0	7.1
VIRTUE	6.7	7.7	8.0	7.0	5.3	.	7.3	7.3	5.7	9.0	7.3	7.0	7.1
ADOBE (SFL)	8.3	7.3	7.7	7.0	6.7	3.3	8.3	9.0	5.0	8.7	7.0	7.0	7.1
SOUTHERN CHOICE (MB-25-92)	8.3	7.7	8.0	7.0	6.7	3.7	8.0	8.7	5.3	9.0	6.3	6.7	7.1
HOUNDOG V (ISI-AFE)	8.0	8.0	8.0	7.0	5.7	3.0	9.0	8.3	5.3	8.7	7.0	7.0	7.1
COYOTE (ZPS-ML)	7.7	8.7	8.0	7.0	6.7	3.5	8.3	8.0	5.3	7.7	7.7	6.3	7.1
EMPRESS (ZPS-E2)	8.3	7.3	8.0	7.0	6.7	3.5	7.7	8.3	5.7	8.7	6.3	7.3	7.1
LEXUS	7.7	7.7	8.0	7.0	5.7	3.0	8.3	8.7	6.0	8.3	7.7	6.7	7.1
SR 8210	8.3	7.3	8.0	7.0	6.7	4.0	8.0	7.3	5.0	9.0	7.0	7.0	7.1
E5T-5VC	7.3	7.7	8.0	7.0	6.3	4.5	9.0	7.0	5.3	8.3	7.7	6.3	7.0
REBEL, JR.	7.3	7.0	8.0	7.0	6.7	3.5	8.3	7.7	6.3	8.3	7.7	6.3	7.0
DUSTER (ITR-90-2)	8.0	7.7	8.0	7.0	5.7	3.0	8.0	8.7	5.0	9.0	7.7	6.3	7.0
FINELAWN PETITE	7.3	7.0	8.0	7.0	6.7	3.7	8.3	8.0	5.3	8.0	7.7	6.7	7.0
APACHE II (PST-59D)	6.7	8.0	8.0	7.0	6.7	3.0	8.7	8.0	5.0	9.0	6.7	7.0	7.0
FALCON II (MB-21-92)	7.0	7.0	7.7	7.0	6.7	3.0	8.0	9.0	5.0	9.0	7.3	7.0	7.0
TOMAHAWK	6.3	7.7	8.0	7.0	7.0	3.0	8.7	8.7	4.7	8.3	7.7	6.7	7.0
FA-22	8.3	6.3	8.0	7.0	6.3	2.5	8.0	7.7	5.3	9.0	7.3	7.7	7.0
SHORTSTOP II (PICK 90-06)	7.7	8.3	8.0	7.0	6.0	3.0	8.3	8.3	5.0	8.7	6.0	7.0	6.9
SILVERADO	7.3	7.7	8.0	7.0	6.0	3.0	8.3	8.0	5.7	8.7	7.7	6.0	6.9
VEGAS	7.7	7.3	8.0	7.0	6.3	3.0	8.3	8.3	5.0	8.3	7.0	7.0	6.9
PIXIE	7.7	7.0	8.0	7.0	7.0	3.0	8.3	8.3	5.0	8.7	6.7	6.3	6.9
CROSSFIRE II (PICK 90-12)	8.0	8.0	8.0	7.0	6.3	3.3	7.3	7.7	5.0	9.0	7.0	6.3	6.9
FA-19	8.0	7.0	8.0	7.0	6.0	3.0	8.7	8.0	5.3	8.0	7.0	7.0	6.9
M-2	7.3	7.3	8.0	7.0	7.0	4.0	8.3	7.3	4.3	8.7	7.3	6.3	6.9
E5T-5PM	7.0	7.3	8.0	7.0	6.7	3.0	8.3	8.3	4.7	8.3	7.3	7.0	6.9
SAFARI	7.3	7.0	8.0	7.0	7.0	3.3	8.7	7.7	5.0	8.3	7.7	6.0	6.9
SUN PRO (PICK 90-10)	8.7	7.3	8.0	7.0	6.0	3.0	8.0	8.7	4.3	8.0	7.3	6.7	6.9
MICRO DD	7.0	6.7	8.0	7.0	6.7	2.5	8.7	8.0	5.3	8.3	7.7	7.0	6.9
E5T-5LX	7.3	7.7	8.0	7.0	7.0	2.5	7.7	8.7	5.3	8.7	7.0	6.0	6.9
DEBUTANTE (WXI-208-2)	7.7	6.0	8.0	7.0	7.0	3.3	7.7	8.3	5.3	9.0	6.7	6.7	6.9
ALAMO (J-1048)	7.3	7.3	8.0	7.0	6.7	2.7	8.0	8.3	4.7	9.0	7.7	6.0	6.9
PALISADES (OFI-TF-601)	8.0	7.0	8.0	7.0	6.3	2.3	8.7	7.3	4.7	9.0	7.3	6.7	6.9
RENEGADE (MB-22-92)	7.7	6.7	8.0	7.0	7.3	3.3	8.0	7.3	5.7	8.3	7.3	5.7	6.9
TITAN 2 (SR 8010)	7.0	6.7	7.7	7.0	6.7	3.0	8.3	8.0	5.0	9.0	7.7	6.3	6.9
SR 8300	7.7	7.3	8.0	7.0	6.7	3.3	8.0	6.7	5.3	8.3	7.3	6.7	6.9
E5T-5STB	7.3	7.3	7.7	7.0	6.7	2.5	8.3	7.3	5.3	8.7	7.0	7.0	6.8
BAR FA 2AB	7.7	7.7	8.0	7.0	5.3	2.3	7.7	8.0	5.0	8.7	7.7	7.0	6.8
GAZELLE (ZPS-VL)	8.0	7.3	8.0	7.0	5.7	3.0	7.0	8.3	6.3	7.3	7.3	6.7	6.8
NINJA (ATF-006)	7.3	7.7	8.0	7.0	6.7	3.3	8.7	8.3	4.0	8.3	7.0	5.7	6.8
BONSAI	7.3	7.0	8.0	7.0	5.3	3.0	8.0	8.7	5.0	8.3	7.0	7.3	6.8
BAR FA 214	8.0	6.3	8.0	7.0	6.7	2.0	8.0	8.3	4.7	7.7	7.3	7.7	6.8
COCHISE	7.7	7.0	7.7	7.0	6.7	3.0	8.0	8.0	4.3	9.0	6.3	7.0	6.8
STARLET (MB-24-92)	7.3	6.7	8.0	7.0	6.7	2.7	8.3	8.0	5.0	8.7	6.7	6.7	6.8
MARKSMAN (MB-23-92)	7.7	7.0	7.7	7.0	7.0	2.5	8.0	8.3	4.7	8.0	7.0	6.7	6.8
TRAILBLAZER II	7.0	7.0	8.0	7.0	6.7	3.0	8.3	7.3	5.3	8.7	6.7	6.3	6.8
DUKE	7.3	6.7	8.0	7.0	6.7	3.0	9.0	7.3	4.7	8.3	7.3	6.0	6.8

TABLE 9. (CONT'D)

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY												
	AR1	AR2	AZ1	CA1	GA1	GA2	MO2	MO3	NE3	NV1	SD1	TX1	MEAN
ISI-AFA	6.7	7.7	8.0	7.0	7.0	3.3	8.7	7.3	4.3	8.0	7.3	6.0	6.8
PYRAMID (SIU-1)	7.7	7.3	8.0	7.0	5.7	3.0	7.0	7.0	5.0	8.7	8.0	7.0	6.8
FINELAWN 88	7.7	6.7	8.0	7.0	6.3	3.3	7.7	7.3	4.7	9.0	6.7	6.7	6.8
MONARCH	7.7	7.0	8.0	7.0	6.0	3.0	7.7	7.7	4.0	8.7	7.7	6.7	6.8
GENESIS (GEN-91)	7.7	7.7	8.0	7.0	5.7	3.0	8.3	8.0	5.3	7.7	6.3	6.3	6.8
KITTYHAWK	8.0	6.7	8.0	7.0	5.7	3.0	8.7	7.3	4.3	8.3	7.0	7.0	6.8
PRO-9178	7.7	7.0	7.7	7.0	6.3	3.0	8.0	7.7	4.7	8.7	6.3	7.0	6.8
REBEL 3D	7.0	7.3	8.0	7.0	7.0	2.3	8.3	7.3	4.7	9.0	7.3	5.7	6.8
SR 8200	7.7	7.3	8.0	7.0	6.3	2.7	7.7	8.0	4.0	9.0	7.0	6.3	6.8
BAR FA 0855	7.7	6.0	8.0	7.0	6.0	2.3	8.3	7.3	5.0	9.0	7.3	6.7	6.7
GRANDE (SR 8400)	7.3	7.7	8.0	7.0	6.0	3.0	8.0	7.3	4.3	9.0	7.0	6.0	6.7
GUARDIAN	7.0	7.0	7.7	6.7	6.7	3.3	8.0	7.3	5.0	8.7	7.3	6.0	6.7
AZTEC	7.3	8.0	8.0	7.0	6.7	3.0	8.0	7.3	3.7	8.3	7.3	6.0	6.7
MONTAUK	7.7	7.3	8.0	7.0	5.7	2.7	8.3	6.3	5.7	9.0	7.0	6.0	6.7
403	7.7	5.7	8.0	7.0	6.0	3.7	8.3	7.3	4.7	9.0	6.0	7.0	6.7
SHENANDOAH	6.7	6.3	8.0	7.0	6.3	3.0	7.7	7.0	5.3	9.0	7.7	6.3	6.7
LEPRECHAUN	8.0	7.0	7.7	7.0	6.3	2.3	7.7	8.0	5.7	7.3	7.0	6.3	6.7
AVANTI	6.7	7.3	8.0	7.0	6.0	3.0	8.3	6.3	5.3	8.3	7.7	6.0	6.7
AUSTIN	7.3	6.7	8.0	7.0	6.3	2.5	8.3	6.7	4.7	9.0	7.0	6.3	6.7
AVALON (ISI-ATK)	6.7	6.0	8.0	7.0	6.3	3.3	8.0	6.7	4.3	8.3	7.7	7.3	6.6
CAS-MA21	6.7	6.7	8.0	7.0	6.7	3.0	7.7	7.3	4.3	9.0	7.3	6.0	6.6
ISI-CRC	7.0	6.0	7.7	7.0	6.7	3.0	8.3	8.0	4.0	7.7	7.0	7.3	6.6
BONSAI PLUS	6.3	7.3	8.0	7.0	6.7	3.0	8.0	7.0	5.0	8.0	7.0	6.3	6.6
MIRAGE (KWS-DSL)	7.3	6.7	7.3	7.0	6.7	3.0	8.3	7.3	4.7	7.7	6.3	7.3	6.6
CHIEFTAIN II (PICK CII)	7.3	6.7	8.0	7.0	5.3	3.3	7.3	8.0	4.7	8.3	7.0	6.3	6.6
ELDORADO	7.0	6.7	8.0	7.0	6.3	3.0	7.7	7.0	4.7	9.0	7.0	6.0	6.6
WILDCAT (PSTF-200)	6.3	6.0	8.0	7.0	7.0	3.5	7.7	6.7	4.3	8.3	7.3	6.7	6.6
ESTF-LF	7.0	6.7	8.0	7.0	6.7	3.0	7.0	7.0	5.0	8.7	6.7	6.0	6.6
GENERIC (CAFA 101)	7.0	6.3	8.0	7.0	6.0	3.0	8.0	6.7	4.3	9.0	7.0	6.3	6.6
CAS-LA20	8.0	6.3	8.0	7.0	6.0	2.3	7.0	7.7	5.0	8.0	7.0	6.0	6.5
BONANZA II	6.3	6.3	8.0	7.0	6.3	3.0	8.0	6.7	4.7	8.7	6.3	6.7	6.5
HOENIX	7.3	6.0	8.0	7.0	6.0	3.0	8.7	6.0	4.7	7.7	7.0	6.7	6.5
OLYMPIC II	6.3	6.3	8.0	7.0	6.0	3.0	8.3	6.3	4.7	8.0	7.3	6.3	6.5
ASTRO 2000	7.0	5.7	8.0	7.0	6.0	3.0	8.0	7.0	4.7	9.0	7.0	5.0	6.4
HERITAGE (PSTF-401)	6.7	6.0	8.0	7.0	6.0	3.3	8.0	6.7	4.7	8.0	7.0	6.0	6.4
BONANZA	6.3	6.3	7.7	7.0	6.7	2.7	7.7	6.3	3.7	9.0	7.0	6.0	6.4
TWILIGHT	6.3	5.0	7.7	7.0	6.7	3.0	7.0	7.3	3.3	8.7	5.7	6.7	6.2
ARID	5.7	5.3	8.0	7.0	5.3	2.7	7.7	5.3	4.7	8.3	7.3	6.7	6.2
FALCON	5.3	5.3	8.0	7.0	5.7	3.0	7.3	5.7	4.0	9.0	7.3	6.3	6.2
ANTHEM	5.7	4.0	8.0	6.7	5.7	4.5	7.7	4.7	4.7	8.7	6.0	6.3	6.0
KY-31 W/ENDO.	4.7	3.7	7.3	5.7	5.0	2.7	7.0	3.3	3.7	7.0	6.0	5.7	5.1
KY-31 NO ENDO.	5.3	3.3	7.3	5.7	5.0	2.5	6.0	3.3	3.7	8.0	6.0	5.0	5.1
LSD VALUE	1.3	1.3	0.4	0.3	1.2	1.1	1.5	1.1	1.6	1.3	1.0	1.2	0.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 10.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/									
NAME	GA1	GA2	MO2	MEAN	NAME	GA1	GA2	MO2	MEAN
WILDCAT (PSTF-200)	96.3	77.5	97.7	90.5	HOUNDG V (ISI-AFE)	90.0	43.3	96.7	76.7
CORONADO (PST-RDG)	93.3	78.3	97.7	89.8	CHIEFTAIN II (PICK CII)	88.3	43.7	97.7	76.6
GRANDE (SR 8400)	93.3	76.7	99.0	89.7	ARID	93.3	39.0	97.3	76.6
COCHISE	96.3	70.0	98.3	88.2	GUARDIAN	91.7	40.0	97.7	76.4
BONSAI PLUS	95.0	66.7	97.7	86.4	KY-31 W/ENDO.	88.3	46.7	94.0	76.3
FINELAWN 88	96.0	58.3	98.3	84.2	MICRO DD	96.3	35.7	97.0	76.3
SR 8200	97.7	56.7	98.0	84.1	SHORTSTOP II (PICK 90-06)	88.3	41.7	99.0	76.3
ISI-AFA	96.3	56.7	97.0	83.3	ADOBE (SFL)	94.7	35.0	99.0	76.2
SHENANDOAH	93.3	58.3	98.3	83.3	TOMAHAWK	96.3	33.3	99.0	76.2
HERITAGE (PSTF-401)	91.7	60.0	98.0	83.2	AVALON (ISI-ATK)	93.3	37.0	97.7	76.0
STARLET (MB-24-92)	95.0	56.7	98.0	83.2	LEPRECHAUN	91.7	36.7	99.0	75.8
PSTF-LF	94.7	55.0	98.3	82.7	OLYMPIC II	91.7	36.7	99.0	75.8
SILVERADO	93.3	56.7	97.7	82.6	RENEGADE (MB-22-92)	96.3	30.7	99.0	75.3
FALCON	97.7	55.0	94.0	82.2	REBEL 3D	95.0	33.3	97.3	75.2
FINELAWN PETITE	91.7	56.7	97.7	82.0	TITAN 2 (SR 8010)	93.3	33.3	99.0	75.2
REBEL, JR.	93.3	53.3	99.0	81.9	BONANZA	91.7	35.0	98.0	74.9
PHOENIX	96.3	50.0	99.0	81.8	BAR FA 2AB	85.0	40.7	98.3	74.7
DEBUTANTE (WXI-208-2)	95.0	50.0	99.0	81.3	FA-22	94.7	31.7	97.7	74.7
MONTAUK	88.3	56.7	99.0	81.3	BONSAI	85.0	40.0	97.7	74.2
PST-5DX W/ENDOPHYTE	95.0	50.0	99.0	81.3	KITTYHAWK	90.0	33.3	99.0	74.1
SOUTHERN CHOICE (MB-25-92)	96.3	48.3	98.3	81.0	PST-5VC	96.3	27.0	99.0	74.1
NINJA (ATF-006)	93.3	50.0	99.0	80.8	CAS-LA20	90.0	31.7	99.0	73.6
FA-19	93.3	50.0	97.7	80.3	M-2	95.0	26.7	99.0	73.6
CROSSFIRE II (PICK 90-12)	93.0	50.0	97.7	80.2	MONARCH	90.0	31.7	99.0	73.6
TWILIGHT	93.3	48.3	98.3	80.0	EMPRESS (ZPS-E2)	93.0	28.3	99.0	73.4
TRAILBLAZER II	95.0	45.3	99.0	79.8	PST-5PM	93.3	28.7	98.3	73.4
ELDORADO	93.0	48.3	97.7	79.7	ALAMO (J-1048)	93.3	28.3	97.7	73.1
DUKE	94.7	45.0	99.0	79.6	PALISADES (OFI-TF-601)	88.3	31.7	99.0	73.0
BONANZA II	97.7	43.3	97.0	79.3	PRO-9178	91.7	28.3	99.0	73.0
MIRAGE (KWS-DSL)	91.7	48.3	98.0	79.3	SAFARI	93.3	27.3	97.7	72.8
AUSTIN	91.7	46.7	99.0	79.1	BAR FA 214	93.3	25.3	99.0	72.6
SR 8300	95.0	45.3	97.0	79.1	LANCER	83.0	36.7	97.7	72.4
ASTRO 2000	90.0	46.7	99.0	78.6	PYRAMID (SIU-1)	91.7	26.7	99.0	72.4
APACHE II (PST-59D)	96.3	40.0	99.0	78.4	PST-5LX	91.7	27.3	98.0	72.3
PIXIE	94.7	41.7	99.0	78.4	VEGAS	93.0	25.0	97.3	71.8
ANTHEM	90.0	46.7	98.3	78.3	AVANTI	94.3	18.7	99.0	70.7
SR 8210	93.3	42.5	99.0	78.3	BAR FA 0855	90.0	25.0	96.7	70.6
SUN PRO (PICK 90-10)	86.7	50.0	97.7	78.1	GENESIS (GEN-91)	85.0	26.7	98.0	69.9
ISI-CRC	93.3	43.3	96.7	77.8	DUSTER (ITR-90-2)	86.7	23.3	99.0	69.7
ATF-007	91.7	42.3	99.0	77.7	CAS-MA21	93.0	16.7	99.0	69.6
COYOTE (ZPS-ML)	91.7	41.7	99.0	77.4	MARKSMAN (MB-23-92)	96.3	12.0	99.0	69.1
GENERIC (CAFA 101)	91.7	41.7	99.0	77.4	KY-31 NO ENDO.	90.0	20.3	93.7	68.0
FALCON II (MB-21-92)	95.0	38.3	98.3	77.2	LEXUS	93.0	11.7	98.0	67.6
PST-5STB	90.0	43.3	98.0	77.1	GAZELLE (ZPS-VL)	88.3	1.7	99.0	63.0
403	90.0	41.7	99.0	76.9	VIRTUE	85.0	1.0	97.7	61.2
AZTEC	93.3	38.3	99.0	76.9					
JAGUAR 3 (ZPS-J3)	94.7	36.7	99.0	76.8	LSD VALUE	7.3	54.1	2.7	18.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 11.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/									
NAME	AZ1	MO1	MO2	MEAN	NAME	AZ1	MO1	MO2	MEAN
JAGUAR 3 (ZPS-J3)	99.0	56.7	97.7	84.4	MONTAUK	96.0	40.0	98.7	78.2
LANCER	99.0	50.0	98.0	82.3	PIXIE	99.0	36.7	98.7	78.1
OLYMPIC II	97.7	50.0	98.7	82.1	PST-5DX W/ENDOPHYTE	99.0	36.7	98.7	78.1
PHOENIX	99.0	46.7	99.0	81.6	ASTRO 2000	99.0	36.7	98.3	78.0
DUSTER (ITR-90-2)	99.0	46.7	98.7	81.4	BAR FA 0855	99.0	36.7	98.3	78.0
SILVERADO	99.0	46.7	98.7	81.4	BONANZA II	99.0	36.7	98.3	78.0
APACHE II (PST-59D)	99.0	46.7	98.3	81.3	BAR FA 214	99.0	40.0	94.7	77.9
DUKE	99.0	46.7	97.7	81.1	VIRTUE	97.7	40.0	96.0	77.9
SR 8200	97.7	46.7	98.3	80.9	COCHISE	96.0	43.3	94.0	77.8
PALISADES (OFI-TF-601)	99.0	46.7	97.0	80.9	BONSAI PLUS	99.0	36.7	97.7	77.8
GRANDE (SR 8400)	97.7	46.7	97.7	80.7	CROSSFIRE II (PICK 90-12)	99.0	40.0	94.3	77.8
FA-22	99.0	46.7	96.0	80.6	ISI-CRC	97.7	36.7	98.7	77.7
ALAMO (J-1048)	99.0	43.3	99.0	80.4	KY-31 W/ENDO.	99.0	36.7	97.0	77.6
TOMAHAWK	99.0	43.3	98.7	80.3	RENEGADE (MB-22-92)	96.0	43.3	92.3	77.2
SUN PRO (PICK 90-10)	99.0	43.3	98.3	80.2	ELDORADO	99.0	36.7	96.0	77.2
BAR FA 2AB	99.0	46.7	95.0	80.2	SAFARI	92.7	40.0	98.7	77.1
REBEL, JR.	99.0	46.7	94.3	80.0	KY-31 NO ENDO.	99.0	36.7	95.7	77.1
SR 8210	99.0	46.7	94.3	80.0	MIRAGE (KWS-DSL)	99.0	36.7	95.7	77.1
TRAILBLAZER II	99.0	43.3	97.7	80.0	FALCON	99.0	36.7	95.3	77.0
HERITAGE (PSTF-401)	97.7	43.3	98.7	79.9	GENERIC (CAFA 101)	99.0	33.3	98.7	77.0
SOUTHERN CHOICE (MB-25-92)	97.7	43.3	98.7	79.9	GAZELLE (ZPS-VL)	92.7	43.3	94.7	76.9
STARLET (MB-24-92)	97.7	43.3	98.3	79.8	PST-5STB	99.0	33.3	98.3	76.9
CAS-MA21	94.3	46.7	97.3	79.4	MONARCH	99.0	33.3	98.0	76.8
ISI-AFA	97.7	43.3	97.3	79.4	KITTYHAWK	96.3	36.7	97.0	76.7
ADOBE (SFL)	92.7	46.7	98.7	79.3	ARID	99.0	33.3	97.3	76.6
EMPRESS (ZPS-E2)	96.0	43.3	98.7	79.3	AVALON (ISI-ATK)	97.7	33.3	98.7	76.6
WILDCAT (PSTF-200)	96.0	43.3	98.7	79.3	403	97.7	33.3	98.3	76.4
PYRAMID (SIU-1)	99.0	40.0	98.7	79.2	M-2	97.7	33.3	97.7	76.2
AUSTIN	99.0	40.0	98.3	79.1	NINJA (ATF-006)	99.0	33.3	96.3	76.2
VEGAS	99.0	40.0	98.3	79.1	FA-19	99.0	33.3	96.0	76.1
REBEL 3D	99.0	40.0	98.0	79.0	FALCON II (MB-21-92)	94.7	36.7	97.0	76.1
SHENANDOAH	99.0	40.0	98.0	79.0	AVANTI	99.0	33.3	95.7	76.0
LEPRECHAUN	92.7	46.7	97.3	78.9	MARKSMAN (MB-23-92)	96.3	33.3	98.3	76.0
HOUNDOG V (ISI-AFE)	97.7	40.0	98.7	78.8	PRO-9178	96.0	33.3	98.7	76.0
PST-5PM	97.7	40.0	98.7	78.8	CORONADO (PST-RDG)	99.0	30.0	98.7	75.9
PSTF-LF	97.7	40.0	98.7	78.8	TITAN 2 (SR 8010)	96.0	33.3	98.3	75.9
ATF-007	99.0	40.0	97.3	78.8	FINELAWN 88	99.0	33.3	95.0	75.8
CHIEFTAIN II (PICK CII)	99.0	40.0	97.3	78.8	PST-5VC	99.0	30.0	98.3	75.8
COYOTE (ZPS-ML)	97.7	43.3	95.3	78.8	DEBUTANTE (WXI-208-2)	89.3	40.0	97.3	75.6
FINELAWN PETITE	99.0	40.0	97.3	78.8	BONSAI	99.0	30.0	97.3	75.4
MICRO DD	99.0	40.0	97.3	78.8	AZTEC	97.7	30.0	98.3	75.3
SR 8300	94.7	43.3	98.3	78.8	ANTHEM	99.0	30.0	96.0	75.0
SHORTSTOP II (PICK 90-06)	97.7	40.0	98.0	78.6	PST-5LX	99.0	30.0	95.7	74.9
BONANZA	99.0	40.0	96.0	78.3	TWILIGHT	99.0	33.3	92.0	74.8
GUARDIAN	97.7	40.0	97.3	78.3	CAS-LA20	96.0	33.3	94.0	74.4
GENESIS (GEN-91)	99.0	40.0	95.7	78.2					
LEXUS	96.0	40.0	98.7	78.2	LSD VALUE	5.9	12.7	4.8	4.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 12.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	GA1	GA2	MO1	MO2	TX1	MEAN	NAME	GA1	GA2	MO1	MO2	TX1	MEAN
GRANDE (SR 8400)	99.0	65.0	50.0	96.7	93.3	80.8	PST-5PM	99.0	22.0	53.3	97.3	91.7	72.7
SR 8200	97.7	51.7	56.7	96.7	91.7	78.9	TRAILBLAZER II	99.0	28.7	50.0	98.7	86.7	72.6
COCHISE	99.0	60.0	53.3	90.7	90.0	78.6	GENERIC (CAFA 101)	99.0	33.3	43.3	97.3	90.0	72.6
SILVERADO	94.7	46.7	56.7	98.7	95.0	78.3	DUSTER (ITR-90-2)	96.0	18.7	60.0	95.7	91.7	72.4
HERITAGE (PSTF-401)	99.0	55.0	46.7	97.3	91.7	77.9	KITTYHAWK	99.0	28.3	46.7	97.7	90.0	72.3
PHOENIX	99.0	46.7	53.3	99.0	91.7	77.9	NINJA (ATF-006)	97.7	36.7	40.0	98.0	88.3	72.1
WILDCAT (PSTF-200)	99.0	60.0	43.3	97.3	88.3	77.6	TITAN 2 (SR 8010)	99.0	31.7	43.3	98.3	88.3	72.1
FINELAWN PETITE	99.0	51.7	46.7	97.7	91.7	77.3	GENESIS (GEN-91)	97.7	23.3	50.0	97.7	91.7	72.1
SHENANDOAH	99.0	51.7	50.0	97.0	88.3	77.2	HOUND OG V (ISI-AFE)	96.3	23.3	50.0	98.7	91.7	72.0
REBEL, JR.	99.0	38.3	63.3	97.7	86.7	77.0	FA-22	93.0	22.0	53.3	96.3	95.0	71.9
ISI-AFA	96.0	45.0	56.7	98.3	86.7	76.5	PALISADES (OFI-TF-601)	96.0	20.3	53.3	96.7	93.3	71.9
JAGUAR 3 (ZPS-J3)	97.7	25.0	70.0	98.0	91.7	76.5	CHIEFTAIN II (PICK CII)	96.3	25.3	46.7	97.7	93.3	71.9
FINELAWN 88	99.0	51.7	46.7	95.3	88.3	76.2	TWILIGHT	99.0	35.0	46.7	88.7	90.0	71.9
SR 8210	99.0	37.5	56.7	95.3	91.7	76.0	PYRAMID (SIU-1)	99.0	22.0	46.7	97.3	93.3	71.7
BONSAI PLUS	99.0	51.7	43.3	97.0	88.3	75.9	403	96.3	39.0	40.0	97.3	85.0	71.5
CORONADO (PST-RDG)	97.7	63.3	36.7	98.0	83.3	75.8	FALCON II (MB-21-92)	99.0	30.0	43.3	96.7	88.3	71.5
STARLET (MB-24-92)	97.7	48.3	43.3	97.3	91.7	75.7	BAR FA 0855	96.3	25.3	46.7	98.7	90.0	71.4
OLYMPIC II	99.0	28.3	63.3	97.0	90.0	75.5	LEPRECHAUN	96.3	23.7	56.7	96.7	83.3	71.3
KY-31 W/ENDO.	99.0	42.0	53.3	94.7	88.3	75.5	REBEL 3D	99.0	25.0	46.7	98.7	85.0	70.9
ANTHEM	99.0	46.7	40.0	96.0	95.0	75.3	BONSAI	93.3	25.0	46.7	97.3	91.7	70.8
FALCON	99.0	46.7	43.3	97.0	90.0	75.2	BONANZA	99.0	28.7	50.0	96.0	80.0	70.7
PSTF-LF	99.0	38.3	56.7	97.0	83.3	74.9	BAR FA 214	97.7	17.0	50.0	96.3	91.7	70.5
SOUTHERN CHOICE (MB-25-92)	97.7	43.3	50.0	97.7	85.0	74.7	PIXIE	99.0	28.3	43.3	96.7	85.0	70.5
DEBUTANTE (WXI-208-2)	99.0	40.0	53.3	97.3	83.3	74.6	CROSSFIRE II (PICK 90-12)	94.7	33.3	43.3	95.7	85.0	70.4
FA-19	97.7	40.0	43.3	96.7	95.0	74.5	CAS-MA21	99.0	16.7	53.3	96.0	86.7	70.3
GUARDIAN	99.0	35.0	53.3	97.0	88.3	74.5	PRO-9178	99.0	16.7	46.7	95.7	93.3	70.3
ISI-CRC	99.0	33.3	46.7	98.0	95.0	74.4	MICRO DD	99.0	16.7	43.3	98.7	93.3	70.2
BONANZA II	97.7	41.7	43.3	97.3	91.7	74.3	ASTRO 2000	99.0	36.7	43.3	94.3	76.7	70.0
PST-5DX W/ENDOPHYTE	99.0	43.3	46.7	97.3	85.0	74.3	RENEGADE (MB-22-92)	99.0	27.0	46.7	94.0	83.3	70.0
MONTAUK	99.0	30.0	53.3	96.7	91.7	74.1	MONARCH	97.7	23.3	40.0	96.7	91.7	69.9
ELDORADO	97.7	30.0	53.3	97.3	90.0	73.7	VEGAS	96.3	20.0	43.3	97.7	91.7	69.8
AUSTIN	97.7	33.3	53.3	93.7	90.0	73.6	M-2	97.7	26.7	43.3	97.7	83.3	69.7
BAR FA 2AB	96.3	30.3	50.0	96.3	95.0	73.6	KY-31 NO ENDO.	99.0	13.7	53.3	90.7	91.7	69.7
LANCER	96.0	25.0	60.0	97.0	90.0	73.6	PST-5STB	99.0	20.0	40.0	96.0	93.3	69.7
SUN PRO (PICK 90-10)	96.3	39.3	50.0	97.3	85.0	73.6	PST-5LX	99.0	18.3	46.7	97.0	86.7	69.5
SR 8300	99.0	28.7	53.3	96.7	90.0	73.5	ALAMO (J-1048)	99.0	17.0	53.3	96.3	81.7	69.5
APACHE II (PST-59D)	96.3	31.7	53.3	97.7	88.3	73.5	PST-5VC	97.7	21.7	45.0	98.0	85.0	69.5
DUKE	99.0	33.3	53.3	96.7	85.0	73.5	ARID	97.7	19.3	36.7	96.3	95.0	69.0
TOMAHAWK	97.7	26.7	53.3	98.0	91.7	73.5	AVANTI	96.0	14.0	43.3	97.0	86.7	67.4
AZTEC	99.0	36.7	43.3	94.7	93.3	73.4	SAFARI	99.0	8.3	43.3	97.7	86.7	67.0
ATF-007	96.3	34.0	50.0	97.7	88.3	73.3	CAS-LA20	97.7	20.0	46.7	91.0	78.3	66.7
SHORTSTOP II (PICK 90-06)	99.0	33.3	46.7	97.3	90.0	73.3	VIRTUE	97.7	0.0	50.0	95.0	90.0	66.5
ADOBE (SFL)	97.7	26.7	56.7	98.3	86.7	73.2	LEXUS	96.0	8.3	40.0	98.0	88.3	66.1
EMPRESS (ZPS-E2)	99.0	26.7	50.0	97.0	93.3	73.2	GAZELLE (ZPS-VL)	96.0	1.7	50.0	95.7	86.7	66.0
MIRAGE (KWS-DSL)	99.0	38.3	43.3	95.3	90.0	73.2	MARKSMAN (MB-23-92)	99.0	5.7	36.7	97.3	90.0	65.7
AVALON (ISI-ATK)	99.0	30.3	43.3	98.0	95.0	73.1							
COYOTE (ZPS-ML)	97.7	35.0	50.0	95.3	86.7	72.9	LS D VALUE	3.6	45.1	15.0	5.5	10.8	9.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 13.

FROST TOLERANCE RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 1/			
NAME	NV1	NAME	NV1
MIRAGE (KWS-DSL)	6.0	VIRTUE	5.0
BONSAI PLUS	5.7	AVALON (ISI-ATK)	4.7
HERITAGE (PSTF-401)	5.7	AZTEC	4.7
HOUNDOG V (ISI-AFE)	5.7	CAS-LA20	4.7
ALAMO (J-1048)	5.3	DEBUTANTE (WXI-208-2)	4.7
AUSTIN	5.3	DUKE	4.7
CORONADO (PST-RDG)	5.3	DUSTER (ITR-90-2)	4.7
ELDORADO	5.3	EMPRESS (ZPS-E2)	4.7
FALCON	5.3	FA-19	4.7
FALCON II (MB-21-92)	5.3	FA-22	4.7
FINELAWN 88	5.3	ISI-CRC	4.7
GENERIC (CAFA 101)	5.3	JAGUAR 3 (ZPS-J3)	4.7
ISI-AFA	5.3	KITTYHAWK	4.7
MONTAUK	5.3	KY-31 NO ENDO.	4.7
PALISADES (OFI-TF-601)	5.3	KY-31 W/ENDO.	4.7
REBEL 3D	5.3	LEPRECHAUN	4.7
RENEGADE (MB-22-92)	5.3	M-2	4.7
SAFARI	5.3	MARKSMAN (MB-23-92)	4.7
SR 8300	5.3	NINJA (ATF-006)	4.7
TOMAHAWK	5.3	OLYMPIC II	4.7
WILDCAT (ESTF-200)	5.3	PIXIE	4.7
ANTHEM	5.0	PST-5PM	4.7
APACHE II (PST-59D)	5.0	PST-5VC	4.7
ASTRO 2000	5.0	PYRAMID (SIU-1)	4.7
AVANTI	5.0	REBEL, JR.	4.7
BAR FA 0855	5.0	SHENANDOAH	4.7
BAR FA 214	5.0	SHORTSTOP II (PICK 90-06)	4.7
BAR FA 2AB	5.0	SILVERADO	4.7
BONANZA	5.0	SOUTHERN CHOICE (MB-25-92)	4.7
BONANZA II	5.0	SR 8210	4.7
CAS-MA21	5.0	STARLET (MB-24-92)	4.7
COYOTE (ZPS-ML)	5.0	TRAILBLAZER II	4.7
CROSSFIRE II (PICK 90-12)	5.0	VEGAS	4.7
GENESIS (GEN-91)	5.0	403	4.3
GRANDE (SR 8400)	5.0	ATF-007	4.3
GUARDIAN	5.0	CHIEFTAIN II (PICK CII)	4.3
LANCER	5.0	COCHISE	4.3
LEXUS	5.0	FINELAWN PETITE	4.3
MICRO DD	5.0	GAZELLE (ZPS-VL)	4.3
MONARCH	5.0	ADOBE (SFL)	4.0
PRO-9178	5.0	ARID	4.0
PST-5DX W/ENDOPHYTE	5.0	PHOENIX	4.0
PST-5LX	5.0	SR 8200	4.0
PST-5STB	5.0	BONSAI	3.3
PSTF-LF	5.0	SUN PRO (PICK 90-10)	3.3
TITAN 2 (SR 8010)	5.0		
TWILIGHT	5.0	LSD VALUE	1.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 14. WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 1/

NAME	AR1	AZ1	VA8	MEAN
TWILIGHT	6.0	8.0	8.7	7.6
NINJA (ATF-006)	6.7	8.0	7.7	7.4
ADOBE (SFL)	7.0	8.0	6.7	7.2
CROSSFIRE II (PICK 90-12)	6.7	8.0	7.0	7.2
FALCON II (MB-21-92)	6.0	8.0	7.7	7.2
STARLET (MB-24-92)	6.3	8.0	7.3	7.2
AFACHE II (PST-59D)	6.7	8.0	6.7	7.1
SHORTSTOP II (PICK 90-06)	6.7	8.0	6.7	7.1
BAR FA 2AB	6.0	8.0	7.3	7.1
CORONADO (PST-RDG)	6.0	8.0	7.3	7.1
FINELAWN PETITE	6.3	8.0	7.0	7.1
ISI-AFA	6.3	7.7	7.3	7.1
LEPRECHAUN	6.0	8.0	7.3	7.1
LEXUS	6.0	8.0	7.3	7.1
PST-5STB	6.0	8.0	7.3	7.1
SOUTHERN CHOICE (MB-25-92)	6.3	8.0	7.0	7.1
WILDCAT (PSTF-200)	6.3	8.0	7.0	7.1
AVANTI	5.7	8.0	7.3	7.0
BAR FA 0855	6.0	8.0	7.0	7.0
COYOTE (ZPS-ML)	6.0	8.0	7.0	7.0
EMPRESS (ZPS-E2)	5.7	8.0	7.3	7.0
GENESIS (GEN-91)	5.3	8.0	7.7	7.0
PST-5VC	6.0	8.0	7.0	7.0
PYRAMID (SIU-1)	6.0	8.0	7.0	7.0
REBEL 3D	5.3	8.0	7.7	7.0
AIAMO (J-1048)	6.3	7.7	6.7	6.9
COCHISE	6.0	8.0	6.7	6.9
ELDORADO	6.0	8.0	6.7	6.9
HOUNDDOG V (ISI-AFE)	5.7	8.0	7.0	6.9
JAGUAR 3 (ZPS-J3)	6.0	8.0	6.7	6.9
PIXIE	6.0	8.0	6.7	6.9
SR 8200	6.0	8.0	6.7	6.9
SUN PRO (PICK 90-10)	5.7	8.0	7.0	6.9
ATF-007	6.3	8.0	6.3	6.9
LANCER	5.3	8.0	7.3	6.9
RENEGADE (MB-22-92)	5.3	8.0	7.3	6.9
SR 8210	6.3	8.0	6.3	6.9
VEGAS	5.3	8.0	7.3	6.9
BONANZA	5.7	8.0	6.7	6.8
CAS-MA21	5.7	8.0	6.7	6.8
MARKSMAN (MB-23-92)	5.7	8.0	6.7	6.8
MICRO DD	5.7	8.0	6.7	6.8
MIRAGE (KWS-DSL)	5.7	8.0	6.7	6.8
MCNTAUK	6.0	8.0	6.3	6.8
PST-5DX W/ENDOPHYTE	6.0	8.0	6.3	6.8
SHENANDOAH	5.3	8.0	7.0	6.8
TOMAHAWK	6.3	8.0	6.0	6.8

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION

NAME	AR1	AZ1	VA8	MEAN
AZTEC	6.0	7.7	6.3	6.7
CAS-LA20	5.7	8.0	6.3	6.7
CHIEFTAIN II (PICK CII)	5.0	8.0	7.0	6.7
DUKE	5.7	8.0	6.3	6.7
DUSTER (ITR-90-2)	5.3	8.0	6.7	6.7
FA-19	5.7	8.0	6.3	6.7
FINELAWN 88	6.0	7.7	6.3	6.7
GUARDIAN	5.7	8.0	6.3	6.7
KITTYHAWK	6.0	7.7	6.3	6.7
PHOENIX	6.0	8.0	6.0	6.7
PST-5PM	6.0	8.0	6.0	6.7
SILVERADO	6.0	8.0	6.0	6.7
TRAILBLAZER II	5.3	8.0	6.7	6.7
VIRTUE	5.3	8.0	6.7	6.7
AUSTIN	5.7	8.0	6.0	6.6
AVALON (ISI-ATK)	6.0	8.0	5.7	6.6
BONANZA II	5.7	7.7	6.3	6.6
HERITAGE (PSTF-401)	5.7	8.0	6.0	6.6
ISI-CRC	5.7	8.0	6.0	6.6
SAFARI	6.0	7.7	6.0	6.6
BONSAI PLUS	5.3	8.0	6.3	6.6
REBEL, JR.	5.3	8.0	6.3	6.6
SR 8300	5.3	8.0	6.3	6.6
BONSAI	4.7	8.0	6.7	6.4
DEBUTANTE (WXI-208-2)	5.7	7.7	6.0	6.4
GAZELLE (ZPS-VL)	5.7	8.0	5.7	6.4
GRANDE (SR 8400)	5.7	8.0	5.7	6.4
PRO-9178	5.7	8.0	5.7	6.4
PST-5LX	4.7	8.0	6.7	6.4
ASTRO 2000	5.3	8.0	6.0	6.4
FA-22	5.3	8.0	6.0	6.4
GENERIC (CAFA 101)	5.3	8.0	6.0	6.4
PSTF-LF	5.3	7.7	6.3	6.4
TITAN 2 (SR 8010)	5.3	7.7	6.3	6.4
403	5.0	8.0	6.0	6.3
ANTHEM	5.7	7.3	6.0	6.3
MONARCH	5.3	8.0	5.7	6.3
BAR FA 214	5.7	8.0	5.0	6.2
M-2	5.0	7.7	6.0	6.2
PALISADES (OFI-TF-601)	4.7	8.0	6.0	6.2
ARID	5.7	7.0	5.7	6.1
OLYMPIC II	5.0	7.7	5.7	6.1
FALCON	5.7	7.3	5.3	6.1
KY-31 NO ENDO.	5.7	7.0	4.7	5.8
KY-31 W/ENDO.	4.3	7.0	5.3	5.6
LSO VALUE	1.2	0.4	1.1	0.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 15. PERCENT WINTER KILL RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/			
NAME	SD1	NAME	SD1
SR 8210	13.3	AZTEC	5.7
FA-22	12.3	BAR FA 0855	5.7
FALCON II (MB-21-92)	11.7	CORONADO (PST-RDG)	5.7
GENESIS (GEN-91)	11.7	DEBUTANTE (WXI-208-2)	5.7
PALISADES (OFI-TF-601)	10.7	HERITAGE (PSTF-401)	5.7
BAR FA 214	10.0	MIRAGE (KWS-DSL)	5.7
DUSTER (ITR-90-2)	10.0	REBEL 3D	5.7
BAR FA 2AB	9.3	SHENANDOAH	5.7
ATF-007	9.0	TOMAHAWK	5.7
DUKE	9.0	ASTRO 2000	5.3
FA-19	9.0	PRO-9178	5.3
FINELAWN PETITE	9.0	AUSTIN	5.0
LEXUS	9.0	BONSAI	5.0
MONTAUK	9.0	MICRO DD	5.0
SR 8300	9.0	PST-5DX W/ENDORHYTE	5.0
TWILIGHT	9.0	PSTF-LF	5.0
HOUNDG V (ISI-AFE)	8.7	PYRAMID (SIU-1)	5.0
ELDORADO	8.3	SHORTSTOP II (PICK 90-06)	5.0
NINJA (ATF-006)	8.3	STARLET (MB-24-92)	5.0
PST-5VC	8.3	VIRTUE	5.0
BONANZA II	8.0	WILDCAT (PSTF-200)	5.0
EMPRESS (ZPS-E2)	8.0	403	4.7
RENEGADE (MB-22-92)	8.0	ISI-CRC	4.7
ISI-AFA	7.7	SILVERADO	4.7
PIXIE	7.7	CHIEFTAIN II (PICK CII)	4.3
TRAILBLAZER II	7.7	FINELAWN 88	4.3
CAS-LA20	7.3	GENERIC (CAFA 101)	4.3
MONARCH	7.3	OLYMPIC II	4.3
COYOTE (ZPS-ML)	7.0	REBEL, JR.	4.3
ADOBE (SFL)	6.7	SAFARI	4.3
BONANZA	6.7	VEGAS	4.3
BONSAI PLUS	6.7	GRANDE (SR 8400)	4.0
COCHISE	6.7	SOUTHERN CHOICE (MB-25-92)	4.0
KITTYHAWK	6.7	ARID	3.7
MARKSMAN (MB-23-92)	6.7	FALCON	3.3
SR 8200	6.7	LEPRECHAUN	3.3
SUN PRO (PICK 90-10)	6.7	PST-5STB	3.3
CAS-MA21	6.3	GUARDIAN	3.0
APACHE II (PST-59D)	6.0	JAGUAR 3 (ZPS-J3)	3.0
GAZELLE (ZPS-VL)	6.0	PHOENIX	3.0
LANCER	6.0	CROSSFIRE II (PICK 90-12)	2.7
M-2	6.0	TITAN 2 (SR 8010)	2.7
PST-5IX	6.0	KY-31 NO ENDO.	2.3
PST-5EM	6.0	KY-31 W/ENDO.	1.7
ALAMO (J-1048)	5.7	AVALON (ISI-ATK)	1.3
ANTHEM	5.7		
AVANTI	5.7	LSL VALUE	4.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 16.

RED THREAD RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE 1/		
	BC1	VA6	MEAN
AVALON (ISI-ATK)	9.0	6.0	7.5
CAS-LA20	8.3	6.7	7.5
AUSTIN	9.0	5.3	7.2
BONSAI PLUS	9.0	5.3	7.2
GENESIS (GEN-91)	8.3	5.7	7.0
GUARDIAN	9.0	5.0	7.0
REBEL, JR.	8.3	5.7	7.0
TWILIGHT	9.0	5.0	7.0
BONSAI	9.0	4.7	6.8
FALCON II (MB-21-92)	8.3	5.3	6.8
REBEL 3D	8.3	5.3	6.8
HOUND OG V (ISI-AFE)	8.3	5.0	6.7
OLYMPIC II	8.3	5.0	6.7
PHOENIX	8.3	5.0	6.7
ARID	7.7	5.3	6.5
CAS-MA21	7.7	5.3	6.5
COCHISE	8.3	4.7	6.5
CORONADO (PST-RDG)	9.0	4.0	6.5
GENERIC (CAFA 101)	8.3	4.7	6.5
ISI-AFA	7.7	5.3	6.5
LEXUS	7.7	5.3	6.5
RENEGADE (MB-22-92)	8.3	4.7	6.5
SAFARI	8.3	4.7	6.5
SILVERADO	8.3	4.7	6.5
APACHE II (PST-59D)	7.7	5.0	6.3
FA-22	8.3	4.3	6.3
FALCON	7.7	5.0	6.3
FINELAWN PETITE	8.3	4.3	6.3
M-2	7.7	5.0	6.3
MARKSMAN (MB-23-92)	7.7	5.0	6.3
MONARCH	8.3	4.3	6.3
NINJA (ATF-006)	8.3	4.3	6.3
SR 8210	8.3	4.3	6.3
SR 8300	7.0	5.7	6.3
STARLET (MB-24-92)	7.0	5.7	6.3
TOMAHAWK	7.7	5.0	6.3
WILDCAT (PSTF-200)	9.0	3.7	6.3
DEBUTANTE (WXI-208-2)	7.7	4.7	6.2
ELDORADO	7.7	4.7	6.2
FINELAWN 88	8.3	4.0	6.2
LEPRECHAUN	7.7	4.7	6.2
MICRO DD	9.0	3.3	6.2
PST-5LX	7.7	4.7	6.2
PST-5PM	7.7	4.7	6.2
PSTF-LF	7.7	4.7	6.2
SOUTHERN CHOICE (MB-25-92)	8.3	4.0	6.2
TITAN 2 (SR 8010)	8.3	4.0	6.2

RED THREAD RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	RED THREAD RATINGS 1-9; 9=NO DISEASE		
	BC1	VA6	MEAN
VEGAS	8.3	4.0	6.2
AZTEC	7.0	5.3	6.2
PALISADES (OFI-TF-601)	7.0	5.3	6.2
AVANTI	7.7	4.3	6.0
BAR FA 2AB	7.7	4.3	6.0
EMPRESS (ZPS-E2)	8.3	3.7	6.0
GRANDE (SR 8400)	8.3	3.7	6.0
HERITAGE (PSTF-401)	9.0	3.0	6.0
ISI-CRC	6.7	5.3	6.0
KY-31 W/ENDO.	7.7	4.3	6.0
PST-5DX W/ENDOPHYTE	8.3	3.7	6.0
PYRAMID (SIU-1)	7.7	4.3	6.0
SHORTSTOP II (PICK 90-06)	8.3	3.7	6.0
VIRTUE	8.3	3.7	6.0
BAR FA 214	7.7	4.0	5.8
FA-19	7.7	4.0	5.8
GAZELLE (ZPS-VL)	7.7	4.0	5.8
JAGUAR 3 (ZPS-J3)	7.7	4.0	5.8
SUN PRO (PICK 90-10)	7.7	4.0	5.8
BAR FA 0855	7.7	3.7	5.7
MIRAGE (KWS-DSL)	6.7	4.7	5.7
CROSSFIRE II (PICK 90-12)	6.0	5.3	5.7
LANCER	7.0	4.3	5.7
SR 8200	7.0	4.3	5.7
ASTRO 2000	7.7	3.3	5.5
ATF-007	7.7	3.3	5.5
CHIEFTAIN II (PICK CII)	7.0	4.0	5.5
KITTYHAWK	7.0	4.0	5.5
KY-31 NO ENDO.	7.7	3.3	5.5
PIXIE	7.7	3.3	5.5
PRO-9178	7.0	4.0	5.5
PST-5STB	7.7	3.3	5.5
PST-5VC	7.7	3.3	5.5
TRAILBLAZER II	6.7	4.3	5.5
ALAMO (J-1048)	7.7	3.0	5.3
BONANZA	8.3	2.3	5.3
COYOTE (ZPS-ML)	8.3	2.3	5.3
SHENANDOAH	7.7	3.0	5.3
403	7.0	3.7	5.3
ANTHEM	7.3	3.3	5.3
DUKE	7.0	3.7	5.3
DUSTER (ITR-90-2)	7.3	2.7	5.0
MONTAUK	7.0	3.0	5.0
ADOBE (SFL)	6.7	3.0	4.8
BONANZA II	7.0	2.3	4.7
LSD VALUE	1.9	2.7	1.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 17.

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 1/										MEAN
	IL2	IN1	KS1	KS2	MD1	MO1	MO2	PA1	SD1	VA4	
KY-31 NO ENDO.	5.0	7.3	5.3	6.7	7.7	7.7	3.3	7.7	9.0	5.3	6.5
KY-31 W/ENDO.	5.3	7.7	6.7	6.7	7.7	7.7	3.0	7.7	9.0	2.7	6.4
PHOENIX	5.7	7.0	7.0	6.3	6.3	8.3	4.3	7.0	9.0	2.7	6.4
FALCON	5.0	7.3	6.0	5.7	7.7	7.3	4.3	6.3	9.0	4.7	6.3
AVANTI	4.0	6.7	5.7	5.7	7.7	7.3	4.7	7.3	9.0	5.0	6.3
FINELAWN PETITE	6.0	5.3	6.3	6.0	6.7	7.3	4.0	7.3	8.7	5.0	6.3
GENERIC (CAFA 101)	5.0	5.3	7.7	6.0	7.3	7.3	3.3	8.0	9.0	3.7	6.3
OLYMPIC II	4.3	6.7	7.3	6.0	7.0	7.7	4.3	5.7	9.0	4.0	6.2
BAR FA 0855	4.3	6.7	6.7	5.7	6.7	7.3	3.7	7.0	8.3	5.0	6.1
BONANZA	4.7	4.7	7.0	5.3	6.7	8.3	4.3	6.3	9.0	4.7	6.1
ASTRO 2000	4.7	6.7	5.7	6.7	7.0	8.0	2.7	6.7	9.0	4.0	6.1
AVALON (ISI-ATK)	4.7	7.0	6.0	6.0	6.0	7.7	4.0	8.0	8.7	3.0	6.1
SAFARI	5.0	5.7	7.0	5.7	7.0	7.7	4.0	7.7	9.0	2.3	6.1
SHENANDOAH	5.0	6.0	6.3	5.0	7.0	8.0	4.0	7.0	9.0	3.7	6.1
FA-19	4.7	6.0	7.3	5.0	7.0	7.0	3.3	7.3	9.0	4.0	6.1
GRANDE (SR 8400)	6.3	6.0	6.3	5.3	6.0	7.0	4.3	7.3	9.0	3.0	6.1
BAR FA 2AB	4.7	5.7	7.0	6.0	6.7	6.0	3.7	8.3	9.0	3.7	6.1
SR 8300	4.3	5.3	6.7	6.3	6.7	7.7	4.7	6.3	9.0	3.7	6.1
LEPRECHAUN	5.3	6.7	4.0	5.0	7.3	8.0	4.0	7.0	8.7	4.7	6.1
DUKE	4.3	6.0	6.0	6.0	6.0	7.7	4.3	7.3	8.7	4.0	6.0
KITTYHAWK	5.0	6.0	5.0	5.7	6.7	8.0	4.3	5.7	9.0	4.7	6.0
PYRAMID (SIU-1)	6.7	6.3	6.0	4.3	7.0	7.7	4.0	6.0	9.0	3.0	6.0
SILVERADO	3.7	6.0	5.3	5.0	7.3	7.3	3.7	7.3	9.0	5.3	6.0
VEGAS	4.0	5.3	5.7	5.3	8.0	7.0	3.7	8.3	8.3	4.3	6.0
ANTHEM	4.3	6.7	5.3	5.7	6.7	7.3	4.3	7.7	8.0	3.7	6.0
FINELAWN 88	5.0	5.3	5.0	5.3	6.7	7.0	5.0	6.3	8.3	5.7	6.0
ISI-CRC	5.7	4.7	5.7	5.7	7.7	6.7	4.0	7.7	9.0	3.0	6.0
JAGUAR 3 (ZPS-J3)	4.3	8.0	5.0	4.7	7.7	8.3	3.0	6.3	9.0	3.3	6.0
MONTAUK	4.0	5.3	5.7	6.3	6.3	7.7	3.7	6.3	8.3	6.0	6.0
HERITAGE (PSTF-401)	4.7	7.0	5.7	5.7	7.0	8.3	3.7	6.3	9.0	2.0	5.9
HOUNDG V (ISI-AFE)	5.7	5.7	6.0	5.0	8.0	7.3	4.0	6.7	8.3	2.7	5.9
CROSSFIRE II (PICK 90-12)	6.0	5.0	6.3	4.3	8.0	7.3	3.7	7.7	8.3	2.7	5.9
FALCON II (MB-21-92)	5.7	5.7	5.7	6.3	6.3	7.0	4.7	6.7	8.3	3.0	5.9
PALISADES (OFI-TF-601)	4.3	6.3	6.0	6.0	6.0	7.0	4.0	6.7	8.7	4.3	5.9
PST-5LX	4.3	6.3	5.3	6.3	7.0	6.7	4.0	5.7	8.7	5.0	5.9
PSTF-LF	5.3	6.7	5.0	6.0	6.3	8.3	3.3	6.7	9.0	2.7	5.9
REBEL 3D	5.0	5.0	5.0	6.3	7.0	7.0	3.0	7.0	9.0	5.0	5.9
AUSTIN	5.3	5.0	5.0	6.7	6.3	6.0	3.7	7.7	9.0	4.7	5.9
ALAMO (J-1048)	4.7	5.3	6.3	5.7	6.7	7.7	4.7	6.7	8.0	3.3	5.9
ARID	4.0	6.0	5.7	5.7	5.7	7.7	4.0	7.0	9.0	4.3	5.9
GENESIS (GEN-91)	4.7	5.3	6.0	5.0	6.7	8.0	4.3	7.0	9.0	3.0	5.9
ISI-AFA	5.3	5.3	5.3	5.0	6.3	7.3	5.0	8.0	9.0	2.3	5.9
TOMAHAWK	4.3	5.3	4.7	5.3	7.3	7.0	4.3	7.3	9.0	4.3	5.9
BONANZA II	4.7	6.0	5.7	5.0	6.7	7.7	5.0	6.7	8.3	3.0	5.9
CAS-MA21	4.7	5.0	6.0	5.7	7.0	6.7	4.7	7.0	8.3	3.7	5.9
CHIEFTAIN II (PICK CII)	3.7	5.3	6.7	5.7	6.3	7.3	3.3	6.7	9.0	4.7	5.9
MIRAGE (KWS-DSL)	4.0	5.3	5.0	5.3	7.3	8.0	4.0	6.0	8.3	5.0	5.8
REBEL, JR.	5.0	5.7	5.7	5.3	5.7	8.0	4.3	6.3	9.0	3.3	5.8
WILDCAT (PSTF-200)	4.7	5.3	6.0	6.0	6.7	7.0	3.7	7.3	9.0	2.7	5.8
403	5.0	6.0	5.3	5.0	7.0	7.3	4.0	7.3	7.7	3.3	5.8

TABLE 17.
(CONT'D)

BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	IL2	IN1	KS1	KS2	MD1	MO1	MO2	PA1	SD1	VA4	MEAN
COYOTE (ZPS-ML)	5.7	4.3	5.3	5.3	7.0	7.3	4.0	7.7	7.3	4.0	5.8
VIRTUE	3.7	6.0	5.3	5.0	6.3	6.3	5.0	7.0	8.7	4.7	5.8
DUSTER (ITR-90-2)	5.7	4.3	5.0	4.7	6.0	7.7	4.0	7.7	8.3	4.3	5.8
GUARDIAN	5.0	4.0	5.7	5.7	6.7	8.3	3.7	6.3	9.0	3.3	5.8
APACHE II (PST-59D)	4.7	4.3	5.3	6.3	6.3	8.0	4.7	7.0	7.3	3.7	5.8
TWILIGHT	4.7	4.7	4.0	6.7	6.7	7.0	4.3	8.3	6.3	4.7	5.7
TITAN 2 (SR 8010)	5.0	4.3	7.0	5.3	6.3	7.7	4.3	6.0	9.0	2.3	5.7
MICRO DD	5.3	6.0	4.7	5.0	6.0	7.7	4.0	7.7	8.3	2.3	5.7
MONARCH	4.0	6.0	6.0	5.0	7.7	6.3	3.3	5.7	9.0	4.0	5.7
RENEGADE (MB-22-92)	4.0	5.7	4.7	6.7	6.7	7.7	3.3	6.3	9.0	2.7	5.7
FA-22	4.7	4.3	6.3	5.0	5.7	6.3	4.7	7.0	8.7	4.0	5.7
LEXUS	5.0	3.7	5.7	5.3	6.3	7.3	4.7	7.0	9.0	2.7	5.7
SR 8200	6.3	3.0	5.7	5.0	7.7	6.3	5.0	6.7	8.3	2.3	5.6
PST-5DX W/ENDOPHYTE	5.3	3.7	7.0	5.3	6.3	6.7	4.7	6.7	8.3	2.3	5.6
SR 8210	4.0	4.3	5.7	4.3	7.3	7.0	5.3	6.7	9.0	2.7	5.6
TRAILBLAZER II	4.0	5.3	7.0	5.7	6.7	6.3	3.0	7.0	7.7	3.7	5.6
ELDORADO	5.0	6.0	5.0	6.0	6.7	7.7	3.3	5.0	7.3	4.0	5.6
ATF-007	5.7	5.0	5.3	4.3	6.7	7.7	3.7	6.7	9.0	2.0	5.6
CAS-LA20	4.7	4.7	4.7	5.3	5.7	7.3	5.0	7.3	7.7	3.7	5.6
SHORTSTOP II (PICK 90-06)	5.3	4.0	5.7	5.0	6.7	8.0	4.0	7.0	5.7	4.7	5.6
AZTEC	4.0	6.0	5.3	5.0	6.3	6.7	4.7	6.7	7.7	3.7	5.6
M-2	5.0	4.7	4.3	5.7	6.3	7.3	4.7	6.7	8.7	2.3	5.6
COCHISE	4.3	4.7	5.7	5.0	7.0	7.0	3.3	6.7	8.0	3.7	5.5
PST-5VC	4.3	5.0	5.7	6.3	5.3	5.0	3.7	6.0	9.0	5.0	5.5
SOUTHERN CHOICE (MB-25-92)	4.0	5.3	4.7	5.0	7.0	7.3	4.0	6.7	8.0	3.3	5.5
PST-5PM	5.0	4.3	4.0	5.3	6.3	7.0	5.3	7.7	7.3	2.7	5.5
CORONADO (PST-RDG)	6.0	3.3	5.3	5.3	7.0	7.7	3.3	6.3	7.3	3.0	5.5
SUN PRO (PICK 90-10)	4.7	2.3	5.7	5.7	6.7	7.3	4.7	6.3	7.0	4.3	5.5
BAR FA 214	4.0	5.0	4.7	5.0	6.0	7.3	5.3	5.7	8.0	3.3	5.4
DEBUTANTE (WXI-208-2)	4.7	5.7	5.7	3.7	6.0	7.3	3.7	6.0	9.0	2.7	5.4
NINJA (ATF-006)	4.7	4.3	4.7	4.7	6.0	6.7	3.7	6.3	8.7	4.3	5.4
PIXIE	4.7	5.3	5.0	5.3	7.0	7.3	4.3	6.0	7.3	1.7	5.4
GAZELLE (ZPS-VL)	5.0	2.3	5.7	4.3	6.0	7.7	4.0	7.3	7.0	4.3	5.4
EMPRESS (ZPS-E2)	5.0	4.0	4.7	5.3	6.7	7.7	5.0	5.7	6.7	3.0	5.4
STARLET (MB-24-92)	5.0	3.0	4.0	5.0	6.7	7.0	4.7	6.7	7.0	4.3	5.3
MARKSMAN (MB-23-92)	4.3	5.0	4.3	5.3	6.0	7.3	3.3	5.7	8.3	3.0	5.3
PRO-9178	4.3	5.3	5.0	4.7	5.7	7.0	4.7	5.7	7.0	3.3	5.3
PST-5STB	4.0	4.7	5.3	4.7	6.7	5.7	4.7	6.7	5.7	4.3	5.2
BONSAI PLUS	4.7	4.3	5.7	4.3	7.0	7.0	3.0	6.0	7.3	2.7	5.2
ADOBE (SFL)	4.3	3.7	3.7	5.0	6.7	7.0	4.0	5.7	7.7	4.0	5.2
BONSAI	4.7	3.7	3.7	4.7	6.3	7.7	4.0	6.3	7.3	2.7	5.1
LANCER	4.7	3.3	4.3	5.3	6.3	6.7	3.3	6.3	5.7	3.3	4.9
LSD VALUE	1.5	2.2	1.8	1.4	1.4	1.5	1.5	1.7	1.6	1.8	0.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 18. PYTHIUM APHANIDERMATIIUM RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

PYTHIUM APHANIDERMATIIUM RATINGS 1-9; 9=NO DISEASE 1/

NAME	AZ1	NAME	AZ1
FINELAWN PETITE	8.7	CAS-LA20	7.3
PALISADES (OFI-TF-601)	8.7	CORONADO (PST-RDG)	7.3
PST-5IX	8.7	FA-22	7.3
ASTRO 2000	8.3	GRANDE (SR 8400)	7.3
BONANZA	8.3	HERITAGE (PSTF-401)	7.3
CHIEFTAIN II (PICK CII)	8.3	KITTYHAWK	7.3
ELDORADO	8.3	MARKSMAN (MB-23-92)	7.3
PST-5VC	8.3	MICRO DD	7.3
REBEL 3D	8.3	PHOENIX	7.3
VIRTUE	8.3	PRO-9178	7.3
ANTHEM	8.0	PST-5DX W/ENDOPHYTE	7.3
ARID	8.0	SR 8200	7.3
ATF-007	8.0	SUN PRO (PICK 90-10)	7.3
AZTEC	8.0	TITAN 2 (SR 8010)	7.3
DUKE	8.0	TOMAHAWK	7.3
FALCON	8.0	VEGAS	7.3
FINELAWN 88	8.0	AUSTIN	7.0
GENESIS (GEN-91)	8.0	AVALON (ISI-ATK)	7.0
OLYMPIC II	8.0	BAR FA 214	7.0
PIXIE	8.0	BONSAI	7.0
PYRAMID (SIU-1)	8.0	DUSTER (ITR-90-2)	7.0
REBEL, JR.	8.0	GAZELLE (ZPS-VL)	7.0
SHENANDOAH	8.0	LANCER	7.0
TRAILBLAZER II	8.0	LEPRECHAUN	7.0
TWILIGHT	8.0	LEXUS	7.0
403	7.7	MONARCH	7.0
APACHE II (PST-59D)	7.7	PST-5PM	7.0
AVANTI	7.7	RENEGADE (MB-22-92)	7.0
BAR FA 0855	7.7	SAFARI	7.0
BAR FA 2AB	7.7	SR 8210	7.0
BONSAI PLUS	7.7	SR 8300	7.0
COCHISE	7.7	WILDCAT (PSTF-200)	7.0
CROSSFIRE II (PICK 90-12)	7.7	ADOBE (SFL)	6.7
FA-19	7.7	CAS-MA21	6.7
GENERIC (CAFA 101)	7.7	DEBUTANTE (WXI-208-2)	6.7
HOUND OG V (ISI-AFE)	7.7	EMPRESS (ZPS-E2)	6.7
ISI-AFA	7.7	FALCON II (MB-21-92)	6.7
ISI-CRC	7.7	MONTAUK	6.7
JAGUAR 3 (ZPS-J3)	7.7	NINJA (ATF-006)	6.7
KY-31 NO ENDO.	7.7	STARLET (MB-24-92)	6.7
KY-31 W/ENDO.	7.7	ALAMO (J-1048)	6.3
PST-5STB	7.7	M-2	6.3
PSTF-IF	7.7	COYOTE (ZPS-ML)	6.0
SHORTSTOP II (PICK 90-06)	7.7	MIRAGE (KWS-DSL)	6.0
SILVERADO	7.7	GUARDIAN	5.7
SOUTHERN CHOICE (MB-25-92)	7.7		
BONANZA II	7.3	LSD VALUE	1.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 19.

DENSITY COUNT (SPRING) RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

DENSITY COUNTS IN SPRING: STEMS/81 SQ.CM 1/

NAME	AR1	AR2	MEAN	NAME	AR1	AR2	MEAN
ADOBE (SFL)	205.3	137.3	171.3	MONTAUK	145.7	121.0	133.3
BAR FA 214	202.3	137.7	170.0	PST-5VC	136.7	129.7	133.2
ATF-007	218.3	113.3	165.8	AVANTI	129.7	136.3	133.0
JAGUAR 3 (ZPS-J3)	211.3	110.7	161.0	MIRAGE (KWS-DSL)	156.0	109.3	132.7
COYOTE (ZPS-ML)	202.3	116.3	159.3	NINJA (ATF-006)	167.0	97.0	132.0
SUN PRO (PICK 90-10)	215.3	101.7	158.5	LEPRECHAUN	173.7	89.0	131.3
GAZELLE (ZPS-VL)	198.3	117.7	158.0	BONSAI PLUS	155.7	106.3	131.0
SR 8210	160.3	155.3	157.8	SAFARI	152.3	109.7	131.0
CAS-LA20	183.0	132.3	157.7	MARKSMAN (MB-23-92)	171.0	90.0	130.5
COCHISE	172.3	143.0	157.7	ISI-AFA	152.0	108.0	130.0
RENEGADE (MB-22-92)	172.0	138.3	155.2	TRAILBLAZER II	129.0	130.3	129.7
LEXUS	180.3	129.0	154.7	FINELAWN PETITE	142.0	117.3	129.7
M-2	189.3	118.7	154.0	OLYMPIC II	157.7	101.3	129.5
GRANDE (SR 8400)	192.0	113.3	152.7	PST-5DX W/ENDOPHYTE	178.0	80.7	129.3
EMERESS (ZPS-E2)	167.3	135.7	151.5	MONARCH	142.7	114.3	128.5
ISI-CRC	156.3	146.3	151.3	GUARDIAN	153.0	103.0	128.0
PST-5LX	178.7	122.3	150.5	CHIEFTAIN II (PICK CII)	152.3	103.0	127.7
BAR FA 2AB	162.3	137.3	149.8	TWILIGHT	170.0	85.3	127.7
DEBUTANTE (WXI-208-2)	166.3	130.7	148.5	HOUNDOG V (ISI-AFE)	168.3	86.0	127.2
HERITAGE (PSTF-401)	165.0	132.0	148.5	LANCER	170.3	82.0	126.2
MICRO DD	211.3	85.7	148.5	ANTHEM	137.3	114.7	126.0
PALISADES (OFI-TF-601)	158.3	138.7	148.5	BONSAI	164.0	87.7	125.8
DUSTER (ITR-90-2)	163.0	133.3	148.2	AVALON (ISI-ATK)	148.0	102.7	125.3
FA-22	205.7	90.3	148.0	BONANZA	160.3	90.3	125.3
BONANZA II	165.7	129.7	147.7	VEGAS	142.3	108.3	125.3
PST-5PM	172.3	122.3	147.3	GENESIS (GEN-91)	131.3	117.7	124.5
PHOENIX	150.0	140.3	145.2	PYRAMID (SIU-1)	147.3	101.7	124.5
PRO-9178	188.7	101.0	144.8	PSTF-LF	133.0	115.3	124.2
PST-5STB	161.3	125.7	143.5	WILDCAT (PSTF-200)	145.0	102.7	123.8
SILVERADO	183.3	103.3	143.3	CROSSFIRE II (PICK 90-12)	143.7	104.0	123.8
CAS-MA21	179.7	104.7	142.2	REBEL 3D	141.7	105.3	123.5
VIRTUE	170.3	112.3	141.3	SR 8300	158.3	87.7	123.0
GENERIC (CAFA 101)	148.3	132.0	140.2	ARID	150.0	95.3	122.7
STARLET (MB-24-92)	161.7	117.3	139.5	ASTRO 2000	146.0	98.7	122.3
SR 8200	189.3	89.3	139.3	AUSTIN	137.0	105.3	121.2
PIXIE	149.7	128.7	139.2	CORONADO (PST-RDG)	133.7	106.7	120.2
TITAN 2 (SR 8010)	170.7	107.7	139.2	ELDORADO	145.0	94.7	119.8
BAR FA 0855	145.7	132.3	139.0	SOUTHERN CHOICE (MB-25-92)	134.3	99.7	117.0
FA-19	162.0	115.0	138.5	FALCON	141.0	87.3	114.2
SHORTSTOP II (PICK 90-06)	161.7	111.3	136.5	APACHE II (PST-59D)	128.0	95.0	111.5
FALCON II (MB-21-92)	176.3	95.7	136.0	SHENANDOAH	147.3	75.7	111.5
TOMAHAWK	163.7	108.0	135.8	DUKE	134.0	87.7	110.8
ALAMO (J-1048)	157.3	112.0	134.7	403	143.3	71.0	107.2
AZTEC	183.0	86.3	134.7	KY-31 W/ENDO.	112.7	71.7	92.2
FINELAWN 88	159.0	110.0	134.5	KY-31 NO ENDO.	82.3	82.3	82.3
KITTYHAWK	162.0	106.7	134.3				
REEL, JR.	176.0	92.3	134.2	LSD VALUE	56.7	115.8	64.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 20.

UNIFORMITY RATINGS OF TALL FESCUE CULTIVARS
1995 DATA

UNIFORMITY RATINGS 1-9; 9=COMPLETE UNIFORM 1/

NAME	NE3	NAME	NE3
RENEGADE (MB-22-92)	7.0	COYOTE (ZPS-ML)	5.0
CORONADO (PST-RDG)	6.3	CROSSFIRE II (PICK 90-12)	5.0
GAZELLE (ZPS-VL)	6.3	M-2	5.0
REBEL, JR.	6.3	OLYMPIC II	5.0
SOUTHERN CHOICE (MB-25-92)	6.3	PALISADES (OFI-TF-601)	5.0
VIRTUE	6.3	PHOENIX	5.0
EMPRESS (ZPS-E2)	6.0	PIXIE	5.0
JAGUAR 3 (ZPS-J3)	6.0	PST-5DX W/ENDOPHYTE	5.0
MICRO DD	6.0	PST-5PM	5.0
SHORTSTOP II (PICK 90-06)	6.0	PST-5VC	5.0
SILVERADO	6.0	REBEL 3D	5.0
403	5.7	SHENANDOAH	5.0
ASTRO 2000	5.7	TOMAHAWK	5.0
DEBUTANTE (WXI-208-2)	5.7	WILDCAT (PSTF-200)	5.0
FA-22	5.7	ANTHEM	4.7
GUARDIAN	5.7	BONANZA	4.7
HOUNDOG V (ISI-AFE)	5.7	BONSAI	4.7
LANCER	5.7	CAS-LA20	4.7
LEPRECHAUN	5.7	CAS-MA21	4.7
LEXUS	5.7	ELDORADO	4.7
MIRAGE (KWS-DSL)	5.7	FINELAWN 88	4.7
PSTF-LF	5.7	GRANDE (SR 8400)	4.7
SAFARI	5.7	ISI-CRC	4.7
SR 8300	5.7	PRO-9178	4.7
STARLET (MB-24-92)	5.7	SR 8210	4.7
APACHE II (PST-59D)	5.3	SUN PRO (PICK 90-10)	4.7
BONSAI PLUS	5.3	TITAN 2 (SR 8010)	4.7
CHIEFTAIN II (PICK CII)	5.3	ADOBE (SFL)	4.3
DUKE	5.3	ARID	4.3
DUSTER (ITR-90-2)	5.3	AUSTIN	4.3
FA-19	5.3	AVALON (ISI-ATK)	4.3
FALCON II (MB-21-92)	5.3	BAR FA 2AB	4.3
FINELAWN PETITE	5.3	BONANZA II	4.3
GENESIS (GEN-91)	5.3	GENERIC (CAFA 101)	4.3
HERITAGE (PSTF-401)	5.3	ISI-AFA	4.3
MARKSMAN (MB-23-92)	5.3	SR 8200	4.3
MONTAUK	5.3	AVANTI	4.0
PST-5LX	5.3	AZTEC	4.0
PST-5STB	5.3	FALCON	4.0
PYRAMID (SIU-1)	5.3	KY-31 W/ENDO.	4.0
TRAILBLAZER II	5.3	MONARCH	4.0
VEGAS	5.3	KITTYHAWK	3.7
ALAMO (J-1048)	5.0	TWILIGHT	3.7
ATF-007	5.0	KY-31 NO ENDO.	3.3
BAR FA 0855	5.0	NINJA (ATF-006)	3.3
BAR FA 214	5.0		
COCHISE	5.0	LSO VALUE	1.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 21.

PERCENT BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS 1/
AT LEXINGTON, KY (KY1)
1995 DATA

NAME	JUL	AUG	MEAN	NAME	JUL	AUG	MEAN
PST-5PM	7.0	19.3	13.2	DUKE	2.3	8.3	5.3
TWILIGHT	13.7	12.3	13.0	FA-19	2.7	8.0	5.3
FINELAWN PETITE	4.7	18.7	11.7	SHENANDOAH	4.0	6.7	5.3
BONSAI PLUS	8.7	14.0	11.3	DUSTER (ITR-90-2)	3.3	7.0	5.2
MICRO DD	14.3	8.3	11.3	REBEL 3D	1.7	8.7	5.2
BONSAI	12.7	9.0	10.8	SILVERADO	1.7	8.7	5.2
PST-5STB	10.0	11.7	10.8	AVALON (ISI-ATK)	0.3	9.7	5.0
SR 8210	4.7	15.7	10.2	LEXUS	3.3	6.7	5.0
ADOBE (SFL)	7.0	13.0	10.0	GRANDE (SR 8400)	1.0	8.7	4.8
CORONADO (PST-RDG)	4.0	16.0	10.0	HERITAGE (PSTF-401)	2.0	7.7	4.8
BAR FA 214	7.0	12.0	9.5	SAFARI	2.3	7.0	4.7
GAZELLE (ZPS-VL)	5.7	12.0	8.8	ARID	4.7	4.3	4.5
SUN PRO (PICK 90-10)	4.0	13.0	8.5	ASTRO 2000	3.3	5.7	4.5
PST-5DX W/ENDOPHYTE	5.3	11.3	8.3	BAR FA 0855	3.7	5.3	4.5
REBEL, JR.	2.3	14.3	8.3	BAR FA 2AB	2.7	6.3	4.5
ATF-007	5.0	9.7	7.3	GUARDIAN	1.3	7.3	4.3
GENESIS (GEN-91)	0.7	14.0	7.3	STARLET (MB-24-92)	3.0	5.7	4.3
NINJA (ATF-006)	4.7	10.0	7.3	CHIEFTAIN II (PICK CII)	2.3	6.0	4.2
CAS-LA20	5.3	8.7	7.0	MONARCH	2.0	6.3	4.2
OLYMPIC II	4.0	10.0	7.0	AUSTIN	3.7	4.3	4.0
PALISADES (OFI-TF-601)	2.3	11.7	7.0	VEGAS	5.7	2.3	4.0
TOMAHAWK	4.7	9.3	7.0	ELDORADO	2.0	5.7	3.8
SR 8200	4.0	9.7	6.8	SR 8300	4.3	3.3	3.8
COYOTE (ZPS-ML)	6.0	7.3	6.7	VIRTUE	1.3	6.3	3.8
DEBUTANTE (WXI-208-2)	1.7	11.7	6.7	PST-5LX	1.7	5.7	3.7
CAS-MA21	3.7	9.3	6.5	KY-31 NO ENDO.	3.7	3.0	3.3
ISI-AFA	1.7	11.0	6.3	APACHE II (PST-59D)	1.3	5.0	3.2
KITTYHAWK	5.7	7.0	6.3	COCHISE	1.3	5.0	3.2
PIXIE	3.3	9.0	6.2	GENERIC (CAFA 101)	4.3	2.0	3.2
PSTF-LF	3.0	9.3	6.2	PRO-9178	3.3	2.7	3.0
PYRAMID (SIU-1)	4.3	8.0	6.2	TITAN 2 (SR 8010)	2.0	4.0	3.0
FALCON II (MB-21-92)	4.0	8.0	6.0	ANTHEM	3.3	2.3	2.8
FINELAWN 88	4.0	8.0	6.0	EMPRESS (ZPS-E2)	1.3	4.3	2.8
ALAMO (J-1048)	2.7	9.0	5.8	FALCON	2.7	2.3	2.5
AVANTI	5.7	6.0	5.8	LEPRECHAUN	0.7	4.3	2.5
FA-22	2.3	9.3	5.8	RENEGADE (MB-22-92)	1.0	4.0	2.5
HOUND OG V (ISI-AFE)	1.0	10.7	5.8	SHORTSTOP II (PICK 90-06)	1.0	4.0	2.5
LANCER	5.0	6.7	5.8	SOUTHERN CHOICE (MB-25-92)	2.0	3.0	2.5
PST-5VC	6.0	5.7	5.8	CROSSFIRE II (PICK 90-12)	1.3	3.3	2.3
ISI-CRC	3.7	7.7	5.7	JAGUAR 3 (ZPS-J3)	0.0	4.7	2.3
M-2	3.3	8.0	5.7	KY-31 W/ENDO.	2.7	1.7	2.2
MONTAUK	2.0	9.3	5.7	TRAILBLAZER II	1.0	3.3	2.2
403	5.0	6.0	5.5	MIRAGE (KWS-DSL)	2.7	1.3	2.0
BONANZA	3.3	7.7	5.5	PHOENIX	2.0	2.0	2.0
MARKSMAN (MB-23-92)	5.7	5.3	5.5	WILDCAT (PSTF-200)	0.7	3.0	1.8
AZTEC	8.3	2.3	5.3				
BONANZA II	2.3	8.3	5.3	LSD VALUE	6.0	11.6	6.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 22. DENSITY (MAY) RATINGS OF TALL FESCUE CULTIVARS 1/
 IN THE LOW MOWN STRIPS
 1995 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	NAME	AR1
COYOTE (ZPS-ML)	8.0	TITAN 2 (SR 8010)	6.7
LANCER	8.0	TOMAHAWK	6.7
SR 8200	7.7	APACHE II (PST-59D)	6.3
ATF-007	7.3	AUSTIN	6.3
AZTEC	7.3	AVALON (ISI-ATK)	6.3
CAS-MA21	7.3	BAR FA 0855	6.3
EMPRESS (ZPS-E2)	7.3	BONSAI	6.3
M-2	7.3	CORONADO (PST-RDG)	6.3
SR 8210	7.3	DUKE	6.3
TRAILBLAZER II	7.3	GRANDE (SR 8400)	6.3
403	7.0	GUARDIAN	6.3
AVANTI	7.0	ISI-CRC	6.3
CROSSFIRE II (PICK 90-12)	7.0	JAGUAR 3 (ZPS-J3)	6.3
DEBUTANTE (WXI-208-2)	7.0	KITTYHAWK	6.3
DUSTER (ITR-90-2)	7.0	MONARCH	6.3
FINELAWN 88	7.0	PIXIE	6.3
GAZELLE (ZPS-VL)	7.0	PST-5PM	6.3
GENESIS (GEN-91)	7.0	REBEL, JR.	6.3
HOUNDG V (ISI-AFE)	7.0	SHENANDOAH	6.3
MARKSMAN (MB-23-92)	7.0	SILVERADO	6.3
MIRAGE (KWS-DSL)	7.0	SOUTHERN CHOICE (MB-25-92)	6.3
MONTAUK	7.0	VEGAS	6.3
NINJA (ATF-006)	7.0	VIRTUE	6.3
OLYMPIC II	7.0	ALAMO (J-1048)	6.0
PST-5DX W/ENDOPHYTE	7.0	BONANZA	6.0
PYRAMID (SIU-1)	7.0	BONANZA II	6.0
RENEGADE (MB-22-92)	7.0	HERITAGE (PSTF-401)	6.0
SUN PRO (PICK 90-10)	7.0	MICRO DD	6.0
ADOBE (SFL)	6.7	PHOENIX	6.0
ASTRO 2000	6.7	PRO-9178	6.0
BAR FA 214	6.7	PST-5VC	6.0
BONSAI PLUS	6.7	REBEL 3D	6.0
CHIEFTAIN II (PICK CII)	6.7	SAFARI	6.0
COCHISE	6.7	SHORTSTOP II (PICK 90-06)	6.0
ELDORADO	6.7	BAR FA 2AB	5.7
FA-19	6.7	FALCON	5.7
FA-22	6.7	GENERIC (CAFA 101)	5.7
FALCON II (MB-21-92)	6.7	PSTF-LF	5.7
FINELAWN PETITE	6.7	WILDCAT (PSTF-200)	5.7
ISI-AFA	6.7	CAS-LA20	5.3
LEPRECHAUN	6.7	TWILIGHT	5.3
LEXUS	6.7	ANTHEM	5.0
PALISADES (OFI-TF-601)	6.7	ARID	5.0
PST-5LX	6.7	KY-31 NO ENDO.	4.3
PST-5STB	6.7	KY-31 W/ENDO.	4.0
SR 8300	6.7		
STARLET (MB-24-92)	6.7	LSD VALUE	1.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ LOW MOWN STRIPS AT THE END OF PLOTS, SPIKING WITH MATAWAY, OVERSEEDING WITH CRABGRASS IN LATE MARCH, 2 CM MOWING HEIGHT, CONTINUING WEEKLY LOW MOWING.

TABLE 23. PERCENT GREEN COVER (AUGUST) RATINGS OF TALL FESCUE CULTIVARS 1/
IN THE LOW MOWN STRIPS 2/
1995 DATA

NAME	ARI	NAME	ARI
EMPRESS (ZPS-E2)	31.7	REBEL 3D	8.7
ARID	30.7	AUSTIN	8.3
M-2	28.3	BAR FA 0855	8.3
COCHISE	26.7	BAR FA 214	8.3
BONANZA	25.0	BAR FA 2AB	8.3
RENEGADE (MB-22-92)	23.3	GENERIC (CAFA 101)	8.3
FALCON II (MB-21-92)	21.7	KITTYHAWK	8.3
OLYMPIC II	21.7	KY-31 NO ENDO.	8.3
CHIEFTAIN II (PICK CII)	20.3	PSTF-LF	8.3
AZTEC	20.0	SILVERADO	8.3
SOUTHERN CHOICE (MB-25-92)	20.0	VEGAS	8.3
SR 8300	20.0	BONANZA II	7.0
TITAN 2 (SR 8010)	20.0	BONSAI PLUS	7.0
ISI-CRC	18.3	DUSTER (ITR-90-2)	7.0
KY-31 W/ENDO.	18.3	LANCER	7.0
PYRAMID (SIU-1)	18.3	PALISADES (OFI-TF-601)	7.0
DUKE	17.0	PST-5LX	7.0
CROSSFIRE II (PICK 90-12)	16.7	PST-5PM	7.0
DEBUTANTE (WXI-208-2)	16.7	WILD CAT (PSTF-200)	7.0
FALCON	16.7	GAZELLE (ZPS-VL)	6.7
GRANDE (SR 8400)	16.7	MONTAUK	6.7
LEPRECHAUN	16.7	STARLET (MB-24-92)	6.7
PHOENIX	16.7	403	5.3
SAFARI	16.7	ADOBE (SFL)	5.3
SR 8200	15.3	ALAMO (J-1048)	5.3
AVALON (ISI-ATK)	15.0	COYOTE (ZPS-ML)	5.0
JAGUAR 3 (ZPS-J3)	13.7	HERITAGE (PSTF-401)	5.0
LEXUS	13.7	REBEL, JR.	5.0
SHENANDOAH	13.7	SHORTSTOP II (PICK 90-06)	5.0
FA-22	13.3	FA-19	4.0
ISI-AFA	13.3	PST-5STB	4.0
MARKSMAN (MB-23-92)	13.3	FINELAWN 88	3.7
ANTHEM	12.0	TWILIGHT	3.7
HOUND DOG V (ISI-AFE)	12.0	VIRTUE	3.7
SR 8210	12.0	APACHE II (PST-59D)	2.3
TRAILBLAZER II	12.0	BONSAI	2.3
ASTRO 2000	11.7	ELDORADO	2.3
ATF-007	11.7	FINELAWN PETITE	2.3
CAS-MA21	11.7	MONARCH	2.3
GENESIS (GEN-91)	11.7	NINJA (ATF-006)	2.3
MICRO DD	10.3	PST-5VC	2.3
MIRAGE (KWS-DSL)	10.3	SUN PRO (PICK 90-10)	2.3
CORONADO (PST-RDG)	10.0	TOMAHAWK	2.3
GUARDIAN	10.0	AVANTI	1.0
PIXIE	10.0	PRO-9178	1.0
PST-5DX W/ENDOPHYTE	10.0		
CAS-LA20	8.7	LSD VALUE	17.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ LOW MOWN STRIPS AT THE END OF PLOTS, SPIKING WITH MATAWAY, OVERSEEDING WITH CRABGRASS IN LATE MARCH, 2 CM MOWING HEIGHT, CONTINUING WEEKLY LOW MOWING.

TABLE 24. PERCENT CRABGRASS (JULY) RATINGS OF TALL FESCUE CULTIVARS 1/
IN THE LOW MOWN STRIPS 2/
1995 DATA

NAME	AR1	NAME	AR1
FINELAWN 88	93.3	TRAILBLAZER II	61.7
HERITAGE (PSTF-401)	90.0	PHOENIX	60.0
KY-31 NO ENDO.	86.7	SUN PRO (PICK 90-10)	60.0
KY-31 W/ENDO.	86.7	BONSAI PLUS	58.3
FALCON	85.0	CROSSFIRE II (PICK 90-12)	58.3
APACHE II (PST-59D)	83.3	ISI-AFA	58.3
PSTF-LF	83.3	STARLET (MB-24-92)	58.3
VIRTUE	83.3	TITAN 2 (SR 8010)	58.3
WILDCAT (PSTF-200)	83.3	ASTRO 2000	56.7
ALAMO (J-1048)	81.7	FA-19	56.7
ANTHEM	81.7	PST-5PM	56.7
AVALON (ISI-ATK)	81.7	ADOBE (SFL)	55.0
MONARCH	80.0	PRO-9178	55.0
BONSAI	78.3	RENEGADE (MB-22-92)	55.0
PST-5STB	78.3	SR 8300	55.0
PST-5VC	78.3	VEGAS	53.3
HOUNDOG V (ISI-AFE)	76.7	FA-22	51.7
PYRAMID (SIU-1)	76.7	SOUTHERN CHOICE (MB-25-92)	51.7
PST-5DX W/ENDOPHYTE	75.0	DUKE	50.0
PST-5LX	75.0	ELDORADO	50.0
REBEL 3D	73.3	PIXIE	50.0
403	71.7	BAR FA 214	48.3
FINELAWN PETITE	71.7	CORONADO (PST-RDG)	48.3
REBEL, JR.	71.7	LANCER	48.3
TOMAHAWK	71.7	BONANZA	46.7
BAR FA 2AB	70.0	COCHISE	46.7
KITTYHAWK	70.0	ISI-CRC	46.7
AVANTI	68.3	OLYMPIC II	46.7
COYOTE (ZPS-ML)	68.3	BAR FA 0855	45.0
GRANDE (SR 8400)	68.3	CHIEFTAIN II (PICK CII)	45.0
NINJA (ATF-006)	68.3	EMPRESS (ZPS-E2)	45.0
SHORTSTOP II (PICK 90-06)	68.3	MARKSMAN (MB-23-92)	45.0
AUSTIN	66.7	SILVERADO	45.0
BONANZA II	66.7	CAS-LA20	43.3
MIRAGE (KWS-DSL)	66.7	CAS-MA21	41.7
SR 8200	66.7	DEBUTANTE (WXI-208-2)	40.0
TWILIGHT	66.7	GENESIS (GEN-91)	36.7
GENERIC (CAFA 101)	65.0	JAGUAR 3 (ZPS-J3)	36.7
MONTAUK	65.0	M-2	36.7
SR 8210	65.0	AZTEC	35.0
DUSTER (ITR-90-2)	63.3	FALCON II (MB-21-92)	35.0
LEXUS	63.3	GAZELLE (ZPS-VL)	33.3
MICRO DD	63.3	GUARDIAN	33.3
PALISADES (OFI-TF-601)	63.3	SHENANDOAH	30.0
SAFARI	63.3	ATF-007	26.7
ARID	61.7		
LEPRECHAUN	61.7	LSD VALUE	35.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ LOW MOWN STRIPS AT THE END OF PLOTS, SPIKING WITH MATAWAY, OVERSEEDING WITH CRABGRASS IN LATE MARCH, 2 CM MOWING HEIGHT, CONTINUING WEEKLY LOW MOWING.