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 Commmittees 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. Richard White, Texas A&M University
Dr. Anthony Koski, Colorado State University
Dr. Thomas Fermanian, University of Illinois
Dr. Gerald Pepin, Pickseed West, Inc.
Dr. Bridget Ruemmele, University of Rhode Island
Mr. Al Gardner, A-G Turf Farms, Inc.
Dr. Michael Kenna, USGA Green Section
Ms. Crystal Rose-Fricker, Pure-Seed Testing, Inc.

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1991 National Buffalograss Test - 1993 data

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CONTENTS (Continued)

LOCATIONS SUBMITTING DATA FOR 1993

State	Location	Code
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
California	Santa Clara	CA1
California	Riverside	CA3
Idaho	Post Falls	ID2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Kansas	Manhattan	KS1
Kansas	Wichita (high mowing)	KS2
Kansas	Wichita (low mowing)	KS3
Maryland	Beltsville	UB1
Mississippi	Mississippi State	MS1
Missouri	New Franklin	MO1
Missouri	Mount Vernon	MO2
Nebraska	Lincoln	NE1
Oklahoma	Stillwater	OK1
Texas	Dallas (full sun)	TX1
Texas	Dallas (partial shade)	TX4
Virginia	Norton	VA6
Washington	Yakima	WA4

1991 NATIONAL BUFFALOGRASS TEST

Entries and Sponsors

Entry No.	Name	Sponsor
1	609 (NE 84-609)	Crenshaw/Douget Turfgrass Austin, Texas
2	315 (NE 84-315)	Crenshaw/Doguet Turfgrass
3	NE 85-378	T. Riordan University of Nebraska
4	NE 84-45-3	" " "
5	NE 84-436	" " "
6	Buffalawn	Quality Turfgrass Houston, Texas
7	AZ 143	C. Mancino University of Arizona
8	Highlight 4	River City Turf Farm Sacramento, CA
9	Highlight 15	The Grass Farm Morgan Hill, CA
10	Highlight 25	L. Wu University of California
11	Prairie	M. Engelke Texas A&M University
12	Rutger's	D. Huff Rutger's University
13	Sharp's Improved	Sharp's Brothers Seed Co.
14	NTDG-1	Native Turf Development Group
15	NTDG-2	" " " "
16	NTDG-3	" " " "
17	NTDG-4	" " " "
18	NTDG-5	" " " "
19	Bison	" " " "
20	Top Gun (BAM101)	Bamert Seed Co.
21	Plains (BAM202)	" " "
22	Texoka	-

Seeded Entries: 12-22

TABLE A. 1993 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 1991 NATIONAL BUFFALOGRASS 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
AR1	-	-	-	-	-	FULL SUN	-	-
AZ1	SANDY LOAM	7.6-8.5	0-60	241-375	0.0-1.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA1	LOAM	6.6-7.0	0-60	0-150	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA3	SANDY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
ID2	SILT LOAM AND SILT	6.1-6.5	0-60	501+	1.1-2.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
IL1	-	-	-	-	-	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	241-375	3.1-4.0	FULL SUN	1.6-2.0	NO IRRIGATION
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	0.0-1.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
KS2	SANDY CLAY LOAM	6.6-7.0	61-150	241-375	1.1-2.0	FULL SUN	3.1-3.5	NO IRRIGATION
KS3	SANDY CLAY LOAM	6.6-7.0	61-150	241-375	1.1-2.0	FULL SUN	1.1-1.5	NO IRRIGATION
MO1	SILTY CLAY LOAM	6.6-7.0	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MO2	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MS1	SANDY CLAY LOAM	7.1-7.5	271-450	151-240	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
NE1	SANDY CLAY LOAM	6.6-7.0	61-150	501+	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
OK1	SANDY LOAM	6.1-6.5	61-150	241-375	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TX4	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	0.0-1.0	PARTIAL SHADE	2.1-2.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	6.1-6.5	271-450	151-240	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
VA6	-	-	-	-	-	FULL SUN	2.6-3.0	NO IRRIGATION
WA4	SANDY CLAY LOAM	6.1-6.5	0-60	151-240	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY

TABLE B. LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	JANUARY QUALITY RATINGS	FEBRUARY QUALITY RATINGS	MARCH QUALITY RATINGS	APRIL QUALITY RATINGS	MAY QUALITY RATINGS	JUNE QUALITY RATINGS	JULY QUALITY RATINGS	AUGUST QUALITY RATINGS	SEPTEMBER QUALITY RATINGS	OCTOBER QUALITY RATINGS	NOVEMBER QUALITY RATINGS	DECEMBER QUALITY RATINGS	GENETIC COLOR RATINGS	SPRING GREENUP RATINGS
AR1									X	X			X	
AZ1				X	X	X	X	X	X	X			X	X
CA1			X	X	X	X	X	X	X	X			X	
CA3		X	X	X	X	X	X	X	X	X	X	X		
ID2														
IL1					X	X	X	X	X				X	
IL2						X	X	X	X				X	X
KS1						X		X	X				X	X
KS2						X	X	X	X					X
KS3						X	X	X	X					
MO1					X	X	X	X	X	X			X	X
MO2					X	X	X	X	X	X			X	X
MS1				X	X	X	X	X	X	X				
NE1						X	X	X	X				X	X
OK1					X	X	X	X	X	X				
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TX4					X	X	X	X			X	X	X	X
UB1					X	X	X	X	X					
VA6						X		X	X					
WA4						X	X	X	X	X				X

TABLE B. (CONTINUED) LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	LEAF TEXTURE RATINGS	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	LEAF SPOT SPRING	LEAF SPOT SUMMER
AR1						X	X							
AZ1									X					
CA1	X	X	X	X										
CA3														
ID2										X				
IL1														
IL2			X											
KS1														
KS2														
KS3														
MO1	X			X			X	X	X					
MO2		X	X	X	X	X	X							
MS1					X									
NE1						X								
OK1	X		X											
TX1			X	X					X					
TX4					X	X	X							
UB1													X	X
VA6					X	X	X							
WA4					X	X	X				X	X		

TABLE B. (CONTINUED) LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	DOLLAR SPOT	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	STOLON LENGTH	PLANT HEIGHT	PERCENT MALE PLANT	UNIFORMITY RATINGS	LEAF FIRING RATINGS	HERBICIDE INJURY RATINGS
AR1												X
AZ1												
CA1												
CA3		X	X	X	X	X						
ID2												
IL1												
IL2												
KS1	X											
KS2												
KS3												
MO1												
MO2												
MS1				X								
NE1			X									
OK1				X						X	X	
TX1			X		X							
TX4												
UB1		X	X	X								
VA6			X									
WA4			X				X	X	X			

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS GROWN AT NINETEEN LOCATIONS IN THE U.S. 1993 DATA

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

NAME	AR1	AZ1	CA1	CA3	IL1	IL2	KS1	KS2	KS3	MO1	MO2	MS1	NE1	OK1	TX1	TX4	UB1	VA6	WA4	MEAN
* 609 (NE 84-609)	4.7	7.0	5.9	4.6	4.8	5.0	6.4	8.8	8.7	4.1	7.4	5.1	5.8	7.1	6.7	5.4	4.6	3.3	6.5	5.9
* 315 (NE 84-315)	5.8	6.5	5.7	5.1	5.2	6.4	5.9	6.8	6.8	5.1	7.4	3.4	6.7	7.0	5.7	4.8	5.8	4.2	5.5	5.8
* BUFFALAWN	6.2	6.5	6.5	6.1	2.7	7.3	5.9	7.3	7.5	5.1	5.8	5.6	4.1	7.2	6.2	5.0	5.9	2.1	6.5	5.8
* NE 85-378	5.0	6.1	5.6	4.8	4.9	6.5	6.1	6.8	7.1	5.2	6.2	4.1	7.2	6.7	6.0	4.9	6.5	4.2	5.5	5.8
NTDG-5	5.7	6.4	5.6	4.7	4.9	6.6	6.7	7.2	7.1	6.2	5.3	3.5	5.8	6.7	5.8	4.9	5.8	3.8	5.9	5.7
NTDG-4	5.3	6.5	5.8	4.8	4.7	6.6	6.3	7.5	7.1	4.6	5.8	4.8	5.5	6.9	5.6	4.6	5.7	4.6	5.9	5.7
NE 84-436	4.3	6.5	5.4	4.8	4.7	7.0	6.0	6.4	6.6	5.3	5.8	3.9	6.6	7.1	6.3	5.1	7.1	4.9	4.7	5.7
NTDG-2	6.8	6.7	5.5	4.8	4.5	6.7	6.4	7.3	6.9	5.4	4.4	3.1	6.0	6.8	5.7	4.7	5.5	5.0	5.7	5.7
NTDG-1	3.8	6.2	5.6	4.6	4.5	7.2	6.3	7.5	7.5	4.9	5.4	3.8	5.7	6.6	5.8	4.7	5.6	4.4	5.9	5.6
AZ 143	4.8	6.2	5.6	5.1	4.5	6.8	5.3	5.7	5.5	5.2	6.2	4.0	6.7	6.7	6.0	4.6	5.9	5.1	5.5	5.6
* PRAIRIE	3.0	6.6	6.2	5.6	4.3	6.4	5.8	7.4	7.6	4.5	7.6	3.1	5.1	6.8	6.5	4.6	5.2	2.9	6.1	5.5
NTDG-3	1.7	6.3	5.5	4.9	4.9	7.3	6.1	6.9	7.2	5.9	5.7	3.6	5.8	6.7	5.9	4.6	6.0	4.2	5.5	5.5
RUTGERS	6.3	6.3	5.8	5.8	2.4	6.3	5.6	7.5	7.3	4.6	6.0	4.7	2.8	7.3	5.9	5.0	4.5	1.4	6.8	5.4
* TOP GUN (BAM 101)	4.0	6.4	5.4	4.8	4.3	4.9	6.1	7.5	7.6	5.2	5.4	4.4	5.4	7.0	5.6	4.9	4.9	3.4	4.8	5.4
* TEXOKA	4.5	6.0	5.4	4.5	3.7	7.3	6.1	7.5	7.4	5.7	3.6	3.9	5.3	7.2	5.3	5.4	5.2	1.6	5.6	5.3
HIGHLIGHT 4	4.2	6.5	5.7	5.7	1.7	6.6	5.0	6.9	7.2	4.6	7.4	4.1	3.4	6.8	6.4	5.4	4.8	2.4	6.2	5.3
HIGHLIGHT 25	4.8	6.2	6.4	5.8	2.1	7.1	5.3	6.5	6.2	4.2	6.6	5.2	3.0	7.2	6.1	5.1	4.8	2.6	5.7	5.3
* SHARPS IMPROVED	3.5	6.5	5.7	4.7	4.4	5.3	5.7	7.6	7.4	5.6	4.3	4.0	5.2	7.2	5.5	4.4	5.5	2.9	5.6	5.3
HIGHLIGHT 15	3.7	6.3	6.0	5.8	2.3	6.9	5.7	7.3	7.2	4.8	5.8	4.4	2.9	7.1	5.8	5.1	4.0	2.8	6.7	5.3
* PLAINS (BAM 202)	4.5	6.2	5.5	4.6	4.3	3.6	5.6	7.7	7.7	4.5	4.3	3.2	5.2	6.6	5.7	4.7	4.9	2.9	5.9	5.1
* BISON	3.8	6.4	5.8	4.5	3.8	3.9	5.7	7.8	7.7	5.2	2.8	3.0	5.0	6.9	5.3	4.4	5.0	3.8	5.9	5.1
NE 84-45-3	3.5	5.9	5.3	4.5	3.6	5.7	5.6	7.0	7.0	4.1	5.6	4.0	5.8	6.4	5.2	4.2	5.5	2.1	4.5	5.0
LSD VALUE	2.0	0.5	0.5	0.3	1.0	1.4	0.8	0.7	0.6	1.3	1.5	1.4	0.6	0.6	0.6	0.6	0.5	1.1	1.0	0.2

* COMMERCIALLY AVAILABLE IN THE USA IN 1994

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 1B. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
GROWN AT NINETEEN LOCATIONS IN THE U.S.
1993 DATA

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

NAME	AR1	AZ1	CA1	CA3	IL1	IL2	KS1	KS2	KS3	MO1	MO2	MS1	NE1	OK1	TX1	TX4	UB1	VA6	WA4	MEAN
NTDG-5	5.7	6.4	5.6	4.7	4.9	6.6	6.7	7.2	7.1	6.2	5.3	3.5	5.8	6.7	5.8	4.9	5.8	3.8	5.9	5.7
NTDG-4	5.3	6.5	5.8	4.8	4.7	6.6	6.3	7.5	7.1	4.6	5.8	4.8	5.5	6.9	5.6	4.6	5.7	4.6	5.9	5.7
NTDG-2	6.8	6.7	5.5	4.8	4.5	6.7	6.4	7.3	6.9	5.4	4.4	3.1	6.0	6.8	5.7	4.7	5.5	5.0	5.7	5.7
NTDG-1	3.8	6.2	5.6	4.6	4.5	7.2	6.3	7.5	7.5	4.9	5.4	3.8	5.7	6.6	5.8	4.7	5.6	4.4	5.9	5.6
NTDG-3	1.7	6.3	5.5	4.9	4.9	7.3	6.1	6.9	7.2	5.9	5.7	3.6	5.8	6.7	5.9	4.6	6.0	4.2	5.5	5.5
RUTGERS	6.3	6.3	5.8	5.8	2.4	6.3	5.6	7.5	7.3	4.6	6.0	4.7	2.8	7.3	5.9	5.0	4.5	1.4	6.8	5.4
TOP GUN (BAM 101)	4.0	6.4	5.4	4.8	4.3	4.9	6.1	7.5	7.6	5.2	5.4	4.4	5.4	7.0	5.6	4.9	4.9	3.4	4.8	5.4
TEXOKA	4.5	6.0	5.4	4.5	3.7	7.3	6.1	7.5	7.4	5.7	3.6	3.9	5.3	7.2	5.3	5.4	5.2	1.6	5.6	5.3
SHARPS IMPROVED	3.5	6.5	5.7	4.7	4.4	5.3	5.7	7.6	7.4	5.6	4.3	4.0	5.2	7.2	5.5	4.4	5.5	2.9	5.6	5.3
PLAINS (BAM 202)	4.5	6.2	5.5	4.6	4.3	3.6	5.6	7.7	7.7	4.5	4.3	3.2	5.2	6.6	5.7	4.7	4.9	2.9	5.9	5.1
BISON	3.8	6.4	5.8	4.5	3.8	3.9	5.7	7.8	7.7	5.2	2.8	3.0	5.0	6.9	5.3	4.4	5.0	3.8	5.9	5.1
LSD VALUE	1.8	0.5	0.5	0.4	1.0	1.2	0.5	0.7	0.7	1.1	1.4	1.0	0.7	0.4	0.7	0.5	0.5	1.1	1.0	0.2

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
GROWN AT NINETEEN LOCATIONS IN THE U.S.
1993 DATA

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

NAME	AR1	AZ1	CA1	CA3	IL1	IL2	KS1	KS2	KS3	MO1	MO2	MS1	NE1	OK1	TX1	TX4	UB1	VA6	WA4	MEAN
609 (NE 84-609)	4.7	7.0	5.9	4.6	4.8	5.0	6.4	8.8	8.7	4.1	7.4	5.1	5.8	7.1	6.7	5.4	4.6	3.3	6.5	5.9
315 (NE 84-315)	5.8	6.5	5.7	5.1	5.2	6.4	5.9	6.8	6.8	5.1	7.4	3.4	6.7	7.0	5.7	4.8	5.8	4.2	5.5	5.8
BUFFALAWN	6.2	6.5	6.5	6.1	2.7	7.3	5.9	7.3	7.5	5.1	5.8	5.6	4.1	7.2	6.2	5.0	5.9	2.1	6.5	5.8
NE 85-378	5.0	6.1	5.6	4.8	4.9	6.5	6.1	6.8	7.1	5.2	6.2	4.1	7.2	6.7	6.0	4.9	6.5	4.2	5.5	5.8
NE 84-436	4.3	6.5	5.4	4.8	4.7	7.0	6.0	6.4	6.6	5.3	5.8	3.9	6.6	7.1	6.3	5.1	7.1	4.9	4.7	5.7
AZ 143	4.8	6.2	5.6	5.1	4.5	6.8	5.3	5.7	5.5	5.2	6.2	4.0	6.7	6.7	6.0	4.6	5.9	5.1	5.5	5.6
PRAIRIE	3.0	6.6	6.2	5.6	4.3	6.4	5.8	7.4	7.6	4.5	7.6	3.1	5.1	6.8	6.5	4.6	5.2	2.9	6.1	5.5
HIGHLIGHT 4	4.2	6.5	5.7	5.7	1.7	6.6	5.0	6.9	7.2	4.6	7.4	4.1	3.4	6.8	6.4	5.4	4.8	2.4	6.2	5.3
HIGHLIGHT 25	4.8	6.2	6.4	5.8	2.1	7.1	5.3	6.5	6.2	4.2	6.6	5.2	3.0	7.2	6.1	5.1	4.8	2.6	5.7	5.3
HIGHLIGHT 15	3.7	6.3	6.0	5.8	2.3	6.9	5.7	7.3	7.2	4.8	5.8	4.4	2.9	7.1	5.8	5.1	4.0	2.8	6.7	5.3
NE 84-45-3	3.5	5.9	5.3	4.5	3.6	5.7	5.6	7.0	7.0	4.1	5.6	4.0	5.8	6.4	5.2	4.2	5.5	2.1	4.5	5.0
LSD VALUE	2.2	0.6	0.6	0.3	1.0	1.6	1.0	0.8	0.5	1.5	1.6	1.7	0.6	0.7	0.5	0.6	0.5	1.1	1.1	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 2A. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS FOR EACH MONTH GROWN AT NINETEEN LOCATIONS IN THE U.S.
1993 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
609 (NE 84-609)	4.0	4.7	4.7	5.4	5.5	5.7	6.2	6.1	6.4	6.2	5.8	5.0	5.9
315 (NE 84-315)	4.0	3.5	4.8	5.9	6.2	6.4	5.9	5.7	6.2	4.8	4.0	4.2	5.8
NE 85-378	4.0	3.5	4.4	5.9	6.0	6.3	5.9	5.9	6.0	4.7	4.6	4.4	5.8
BUFFALAWN	4.3	5.0	5.2	6.5	5.3	6.0	6.4	5.7	5.8	6.2	5.1	5.3	5.8
NTDG-5	4.0	3.7	4.8	5.8	5.6	6.0	5.8	5.9	6.0	4.9	4.4	4.4	5.7
NTDG-4	4.0	4.0	4.7	5.8	5.8	6.1	6.0	5.6	6.0	5.0	4.0	3.8	5.7
NE 84-436	4.0	3.8	4.9	5.9	5.8	6.1	5.7	5.9	6.0	4.9	4.8	4.6	5.7
NTDG-2	4.0	3.7	4.7	5.5	5.4	5.8	5.8	5.6	6.2	5.0	4.0	4.3	5.7
NTDG-1	4.0	3.7	4.6	5.7	5.4	6.1	6.0	5.6	5.9	4.9	4.3	4.3	5.6
PRAIRIE	4.0	4.8	4.9	5.5	5.3	5.6	6.2	5.9	6.0	5.8	5.2	4.9	5.6
AZ 143	4.0	4.5	4.9	6.1	5.5	5.8	5.7	5.7	6.0	4.8	4.0	4.6	5.6
NTDG-3	4.0	3.8	4.2	5.8	5.5	6.1	5.9	5.8	5.8	4.7	4.2	4.3	5.5
RUTGERS	4.0	5.0	5.1	6.1	5.0	5.5	6.1	5.4	5.6	5.9	5.1	4.9	5.4
TOP GUN (BAM 101)	4.0	3.7	4.4	5.7	5.3	5.8	5.7	5.5	5.6	5.0	4.3	4.3	5.4
TEXOKA	4.0	3.2	4.3	5.5	4.9	5.4	5.8	5.5	5.5	5.2	4.4	4.6	5.3
HIGHLIGHT 4	4.0	5.0	4.8	5.5	5.1	5.3	6.0	5.7	5.6	5.8	5.3	5.2	5.3
HIGHLIGHT 25	4.3	4.8	5.2	6.1	5.4	5.5	5.8	5.3	5.5	5.8	5.2	5.1	5.3
SHARPS IMPROVED	4.0	3.7	4.7	5.7	5.4	5.7	5.7	5.4	5.6	4.8	4.2	3.7	5.3
HIGHLIGHT 15	4.0	5.0	5.2	5.9	5.1	5.4	5.9	5.4	5.4	5.7	4.8	4.6	5.3
PLAINS (BAM 202)	4.0	3.7	4.6	5.3	5.0	5.4	5.5	5.4	5.3	4.9	4.1	4.0	5.1
BISON	4.0	3.5	4.7	5.3	4.9	5.3	5.3	5.3	5.4	4.8	3.9	4.0	5.1
NE 84-45-3	3.7	3.5	4.4	5.0	5.1	5.5	5.7	5.2	5.1	4.3	3.7	3.6	5.0
LSD VALUE	0.3	0.5	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.7	1.5	1.6	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 2B. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT NINETEEN LOCATIONS IN THE U.S.
1993 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
NTDG-5	4	3.7	4.8	5.8	5.6	6.0	5.8	5.9	6.0	4.9	4.4	4.4	5.7
NTDG-4	4	4.0	4.7	5.8	5.8	6.1	6.0	5.6	6.0	5.0	4.0	3.8	5.7
NTDG-2	4	3.7	4.7	5.5	5.4	5.8	5.8	5.6	6.2	5.0	4.0	4.3	5.7
NTDG-1	4	3.7	4.6	5.7	5.4	6.1	6.0	5.6	5.9	4.9	4.3	4.3	5.6
NTDG-3	4	3.8	4.2	5.8	5.5	6.1	5.9	5.8	5.8	4.7	4.2	4.3	5.5
RUTGERS	4	5.0	5.1	6.1	5.0	5.5	6.1	5.4	5.6	5.9	5.1	4.9	5.4
TOP GUN (BAM 101)	4	3.7	4.4	5.7	5.3	5.8	5.7	5.5	5.6	5.0	4.3	4.3	5.4
TEXOKA	4	3.2	4.3	5.5	4.9	5.4	5.8	5.5	5.5	5.2	4.4	4.6	5.3
SHARPS IMPROVED	4	3.7	4.7	5.7	5.4	5.7	5.7	5.4	5.6	4.8	4.2	3.7	5.3
PLAINS (BAM 202)	4	3.7	4.6	5.3	5.0	5.4	5.5	5.4	5.3	4.9	4.1	4.0	5.1
BISON	4	3.5	4.7	5.3	4.9	5.3	5.3	5.3	5.4	4.8	3.9	4.0	5.1
LSD VALUE	0	0.6	0.9	0.9	0.7	0.6	0.6	0.6	0.6	0.8	1.5	1.6	0.5

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT NINETEEN LOCATIONS IN THE U.S.
1993 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
609 (NE 84-609)	4.0	4.7	4.7	5.4	5.5	5.7	6.2	6.1	6.4	6.2	5.8	5.0	5.9
315 (NE 84-315)	4.0	3.5	4.8	5.9	6.2	6.4	5.9	5.7	6.2	4.8	4.0	4.2	5.8
NE 85-378	4.0	3.5	4.4	5.9	6.0	6.3	5.9	5.9	6.0	4.7	4.6	4.4	5.8
BUFFALAWN	4.3	5.0	5.2	6.5	5.3	6.0	6.4	5.7	5.8	6.2	5.1	5.3	5.8
NE 84-436	4.0	3.8	4.9	5.9	5.8	6.1	5.7	5.9	6.0	4.9	4.8	4.6	5.7
PRAIRIE	4.0	4.8	4.9	5.5	5.3	5.6	6.2	5.9	6.0	5.8	5.2	4.9	5.6
AZ 143	4.0	4.5	4.9	6.1	5.5	5.8	5.7	5.7	6.0	4.8	4.0	4.6	5.6
HIGHLIGHT 4	4.0	5.0	4.8	5.5	5.1	5.3	6.0	5.7	5.6	5.8	5.3	5.2	5.3
HIGHLIGHT 25	4.3	4.8	5.2	6.1	5.4	5.5	5.8	5.3	5.5	5.8	5.2	5.1	5.3
HIGHLIGHT 15	4.0	5.0	5.2	5.9	5.1	5.4	5.9	5.4	5.4	5.7	4.8	4.6	5.3
NE 84-45-3	3.7	3.5	4.4	5.0	5.1	5.5	5.7	5.2	5.1	4.3	3.7	3.6	5.0
LSD VALUE	0.5	0.5	1.1	0.9	0.8	0.7	0.6	0.6	0.6	0.7	1.4	1.6	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 3A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS GROWN AT NINETEEN LOCATIONS IN THE U.S. 1993 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	AR1	AZ1	CA1	CA3	IL1	IL2	KS1	KS2	KS3	MO1	MO2	MS1	NE1	OK1	TX1	TX4	UB1	VA6	WA4	MEAN
609 (NE 84-609)	10.0	1.0	5.0	17.5	5	19.0	2.0	1.0	1.0	22.0	4.0	3.0	8.0	7.5	1.0	1.5	20.0	12.0	3.0	1
315 (NE 84-315)	4.0	6.5	10.5	7.0	1	14.5	11.0	18.5	19.0	12.0	2.5	18.0	2.5	9.5	16.0	12.0	6.5	7.0	19.0	2
BUFFALAWN	3.0	6.5	1.0	1.0	18	2.0	12.0	11.5	6.5	11.0	9.5	1.0	18.0	4.0	5.0	7.5	5.0	19.5	4.0	3
NE 85-378	7.0	20.0	14.5	13.5	3	13.0	6.0	18.5	15.0	9.5	6.5	9.0	1.0	18.5	7.5	9.0	2.0	7.0	17.5	4
NTDG-5	5.0	12.0	12.5	15.0	3	11.0	1.0	14.0	15.0	1.0	17.0	17.0	8.0	16.5	11.5	10.5	6.5	9.5	7.0	5
NTDG-4	6.0	6.5	7.5	10.0	6	11.0	4.5	7.0	15.0	17.0	11.5	4.0	11.0	11.5	18.0	16.0	8.0	4.0	11.0	6
NE 84-436	13.0	4.0	20.5	13.5	7	6.0	10.0	21.0	20.0	6.0	9.5	13.0	4.0	7.5	4.0	5.5	1.0	3.0	21.0	7
NTDG-2	1.0	2.0	16.5	11.5	10	9.0	3.0	13.0	18.0	5.0	18.0	20.5	5.0	14.5	14.0	14.0	11.0	2.0	12.5	8
NTDG-1	16.5	18.0	12.5	19.0	9	4.0	4.5	7.0	6.5	13.0	16.0	15.0	10.0	20.0	11.5	14.0	9.0	5.0	9.0	9
AZ 143	8.5	17.0	14.5	8.0	8	8.0	20.5	22.0	22.0	9.5	6.5	11.5	2.5	16.5	7.5	17.5	4.0	1.0	17.5	10
PRAIRIE	21.0	3.0	3.0	6.0	13	14.5	13.0	10.0	4.5	18.5	1.0	20.5	16.0	13.0	2.0	17.5	14.0	14.0	6.0	11
NTDG-3	22.0	14.5	16.5	9.0	3	2.0	8.0	16.5	12.0	2.0	13.0	16.0	8.0	18.5	10.0	19.0	3.0	7.0	16.0	12
RUTGERS	2.0	13.0	6.0	3.0	19	16.0	19.0	7.0	10.0	16.0	8.0	5.0	22.0	1.0	9.0	7.5	21.0	22.0	1.0	13
TOP GUN (BAM 101)	15.0	11.0	20.5	11.5	13	20.0	8.0	7.0	4.5	7.5	15.0	7.0	12.0	9.5	17.0	10.5	17.0	11.0	20.0	14
TEXOKA	11.5	21.0	19.0	21.0	16	2.0	8.0	7.0	8.5	3.0	21.0	14.0	13.0	4.0	20.0	1.5	13.0	21.0	14.5	15
HIGHLIGHT 4	14.0	6.5	9.0	5.0	22	11.0	22.0	16.5	12.0	15.0	2.5	8.0	19.0	14.5	3.0	3.0	18.5	18.0	5.0	16
HIGHLIGHT 25	8.5	19.0	2.0	2.0	21	5.0	20.5	20.0	21.0	20.0	5.0	2.0	20.0	4.0	6.0	4.0	18.5	17.0	12.5	17
SHARPS IMPROVED	19.5	9.0	10.5	16.0	11	18.0	15.0	4.0	8.5	4.0	19.5	10.0	14.5	2.0	19.0	20.5	11.0	14.0	14.5	18
HIGHLIGHT 15	18.0	14.5	4.0	4.0	20	7.0	15.0	11.5	12.0	14.0	11.5	6.0	21.0	6.0	13.0	5.5	22.0	16.0	2.0	19
PLAINS (BAM 202)	11.5	16.0	18.0	17.5	13	22.0	17.5	3.0	2.5	18.5	19.5	19.0	14.5	21.0	15.0	14.0	16.0	14.0	9.0	20
BISON	16.5	10.0	7.5	20.0	15	21.0	15.0	2.0	2.5	7.5	22.0	22.0	17.0	11.5	21.0	20.5	15.0	9.5	9.0	21
NE 84-45-3	19.5	22.0	22.0	22.0	17	17.0	17.5	15.0	17.0	21.0	14.0	11.5	6.0	22.0	22.0	22.0	11.0	19.5	22.0	22

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 3B. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/
1993 DATA

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

NAME	AR1	AZ1	CA1	CA3	IL1	IL2	KS1	KS2	KS3	MO1	MO2	MS1	NE1	OK1	TX1	TX4	UB1	VA6	WA4	MEAN
NTDG-5	3.0	6	5.5	6.0	1.5	5.5	1.0	10	9.5	1.0	6.0	8	2.5	8.0	3.5	3.5	2.0	5.5	2.0	1
NTDG-4	4.0	2	2.5	3.0	3.0	5.5	3.5	6	9.5	10.0	2.0	1	5.0	5.5	8.0	8.0	3.0	2.0	6.0	2
NTDG-2	1.0	1	7.5	4.5	5.0	4.0	2.0	9	11.0	5.0	7.0	10	1.0	7.0	5.0	6.0	5.5	1.0	7.0	3
NTDG-1	8.5	10	5.5	9.0	4.0	3.0	3.5	6	4.0	8.0	5.0	6	4.0	10.0	3.5	6.0	4.0	3.0	4.0	4
NTDG-3	11.0	8	7.5	2.0	1.5	1.5	6.0	11	8.0	2.0	3.0	7	2.5	9.0	2.0	9.0	1.0	4.0	10.0	5
RUTGERS	2.0	7	1.0	1.0	11.0	7.0	11.0	6	7.0	9.0	1.0	2	11.0	1.0	1.0	2.0	11.0	11.0	1.0	6
TOP GUN (BAM 101)	7.0	5	11.0	4.5	7.5	9.0	6.0	6	3.0	6.5	4.0	3	6.0	4.0	7.0	3.5	10.0	7.0	11.0	7
TEXOKA	5.5	11	10.0	11.0	10.0	1.5	6.0	6	5.5	3.0	10.0	5	7.0	3.0	10.0	1.0	7.0	10.0	8.5	8
SHARPS IMPROVED	10.0	3	4.0	7.0	6.0	8.0	8.5	3	5.5	4.0	8.5	4	8.5	2.0	9.0	10.5	5.5	8.5	8.5	9
PLAINS (BAM 202)	5.5	9	9.0	8.0	7.5	11.0	10.0	2	1.5	11.0	8.5	9	8.5	11.0	6.0	6.0	9.0	8.5	4.0	10
BISON	8.5	4	2.5	10.0	9.0	10.0	8.5	1	1.5	6.5	11.0	11	10.0	5.5	11.0	10.5	8.0	5.5	4.0	11

TABLE 3C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/
1993 DATA

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

NAME	AR1	AZ1	CA1	CA3	IL1	IL2	KS1	KS2	KS3	MO1	MO2	MS1	NE1	OK1	TX1	TX4	UB1	VA6	WA4	MEAN
609 (NE 84-609)	6.0	1	5.0	10.0	3	11.0	1.0	1.0	1.0	11.0	4.0	3.0	6.0	4.5	1.0	1.0	10.0	5.0	2.0	1
315 (NE 84-315)	2.0	5	7.0	6.0	1	8.5	4.0	7.5	8.0	5.0	2.5	10.0	2.5	6.0	10.0	8.0	5.0	3.5	9.0	2
BUFFALAWN	1.0	5	1.0	1.0	8	1.0	5.0	3.5	3.0	4.0	8.5	1.0	8.0	1.5	5.0	6.0	4.0	10.5	3.0	3
NE 85-378	3.0	10	8.5	8.5	2	7.0	2.0	7.5	6.0	2.5	6.5	6.0	1.0	10.0	7.5	7.0	2.0	3.5	7.5	4
NE 84-436	7.0	3	10.0	8.5	4	3.0	3.0	10.0	9.0	1.0	8.5	9.0	4.0	4.5	4.0	4.5	1.0	2.0	10.0	5
AZ 143	4.5	8	8.5	7.0	5	5.0	9.5	11.0	11.0	2.5	6.5	7.5	2.5	9.0	7.5	9.5	3.0	1.0	7.5	6
PRAIRIE	11.0	2	3.0	5.0	6	8.5	6.0	2.0	2.0	8.0	1.0	11.0	7.0	7.0	2.0	9.5	7.0	6.0	5.0	7
HIGHLIGHT 4	8.0	5	6.0	4.0	11	6.0	11.0	6.0	4.5	7.0	2.5	5.0	9.0	8.0	3.0	2.0	8.5	9.0	4.0	8
HIGHLIGHT 25	4.5	9	2.0	2.0	10	2.0	9.5	9.0	10.0	9.0	5.0	2.0	10.0	1.5	6.0	3.0	8.5	8.0	6.0	9
HIGHLIGHT 15	9.0	7	4.0	3.0	9	4.0	7.0	3.5	4.5	6.0	10.0	4.0	11.0	3.0	9.0	4.5	11.0	7.0	1.0	10
NE 84-45-3	10.0	11	11.0	11.0	7	10.0	8.0	5.0	7.0	10.0	11.0	7.5	5.0	11.0	11.0	11.0	6.0	10.5	11.0	11

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 4A. GENETIC COLOR RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	AR1	AZ1	CA1	IL1	IL2	KS1	MO1	MO2	NE1	TX1	TX4	MEAN
609 (NE 84-609)	8.0	8.0	6.3	5.3	8.7	7.7	7.0	8.0	6.3	8.0	4.7	7.1
TEXOKA	7.3	8.0	6.0	4.7	8.3	7.3	8.0	7.3	4.7	8.0	4.0	6.7
PLAINS (BAM 202)	7.3	8.0	6.0	5.0	9.0	7.7	8.0	4.7	5.7	8.0	4.0	6.7
NE 85-378	8.7	8.0	5.7	5.0	9.0	8.3	7.7	3.0	5.3	7.7	4.0	6.6
BISON	7.3	8.0	6.0	4.7	9.0	8.0	7.7	4.0	6.0	7.7	3.7	6.5
315 (NE 84-315)	7.7	8.0	5.7	5.7	8.3	7.0	8.0	4.0	5.0	7.7	4.0	6.5
NTDG-2	7.7	8.0	6.0	5.0	8.3	6.7	7.7	4.3	5.7	8.0	3.7	6.5
NTDG-4	7.3	8.0	6.0	5.0	7.3	7.3	7.7	5.3	5.3	7.7	4.0	6.5
NTDG-1	7.3	8.0	6.0	4.7	8.0	8.0	7.5	3.7	5.3	8.0	3.7	6.4
NE 84-436	7.3	8.0	6.3	4.7	8.0	7.3	7.7	3.7	4.7	8.0	4.0	6.3
NTDG-3	6.7	8.0	5.7	5.0	7.7	7.7	7.3	4.3	5.0	8.0	4.0	6.3
TOP GUN (BAM 101)	6.3	8.0	6.0	5.0	7.3	7.7	7.3	5.0	5.0	7.7	4.0	6.3
NTDG-5	7.3	8.0	6.0	4.3	7.0	8.0	7.3	4.0	5.0	8.0	4.0	6.3
AZ 143	6.0	8.0	6.0	5.0	7.7	7.3	7.7	3.3	5.7	8.0	3.7	6.2
NE 84-45-3	7.0	7.7	5.7	5.0	7.7	7.7	7.5	3.7	5.3	8.0	3.0	6.2
SHARPS IMPROVED	6.3	7.7	6.0	4.7	7.7	7.7	7.0	4.3	5.0	8.0	3.7	6.2
PRAIRIE	5.0	8.0	6.3	4.0	4.7	7.0	7.0	7.7	5.0	7.3	4.0	6.0
BUFFALAWN	6.0	7.0	6.3	4.0	3.0	7.3	5.7	7.3	5.3	6.7	3.7	5.7
HIGHLIGHT 4	5.0	7.7	6.7	1.0	3.0	6.3	6.3	8.0	5.7	6.7	4.0	5.5
RUTGERS	5.3	7.0	5.7	4.0	2.0	6.7	5.7	6.7	5.0	6.7	4.0	5.3
HIGHLIGHT 15	5.3	7.0	6.0	4.0	1.7	6.3	5.7	6.3	5.3	6.0	4.7	5.3
HIGHLIGHT 25	5.0	7.0	5.3	4.3	1.0	6.3	5.3	6.3	5.7	6.3	3.7	5.1
LSD VALUE	1.2	0.3	0.7	0.7	1.2	1.1	0.9	1.7	1.0	0.6	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 4B. GENETIC COLOR RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AR1	AZ1	CA1	IL1	IL2	KS1	MO1	MO2	NE1	TX1	TX4	MEAN
TEXOKA	7.3	8.0	6.0	4.7	8.3	7.3	8.0	7.3	4.7	8.0	4.0	6.7
PLAINS (BAM 202)	7.3	8.0	6.0	5.0	9.0	7.7	8.0	4.7	5.7	8.0	4.0	6.7
BISON	7.3	8.0	6.0	4.7	9.0	8.0	7.7	4.0	6.0	7.7	3.7	6.5
NTDG-2	7.7	8.0	6.0	5.0	8.3	6.7	7.7	4.3	5.7	8.0	3.7	6.5
NTDG-4	7.3	8.0	6.0	5.0	7.3	7.3	7.7	5.3	5.3	7.7	4.0	6.5
NTDG-1	7.3	8.0	6.0	4.7	8.0	8.0	7.5	3.7	5.3	8.0	3.7	6.4
NTDG-3	6.7	8.0	5.7	5.0	7.7	7.7	7.3	4.3	5.0	8.0	4.0	6.3
TOP GUN (BAM 101)	6.3	8.0	6.0	5.0	7.3	7.7	7.3	5.0	5.0	7.7	4.0	6.3
NTDG-5	7.3	8.0	6.0	4.3	7.0	8.0	7.3	4.0	5.0	8.0	4.0	6.3
SHARPS IMPROVED	6.3	7.7	6.0	4.7	7.7	7.7	7.0	4.3	5.0	8.0	3.7	6.2
RUTGERS	5.3	7.0	5.7	4.0	2.0	6.7	5.7	6.7	5.0	6.7	4.0	5.3
LSD VALUE	1.2	0.3	0.4	0.8	1.3	1.2	1.0	2.0	0.8	0.6	0.7	0.3

TABLE 4C. GENETIC COLOR RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AR1	AZ1	CA1	IL1	IL2	KS1	MO1	MO2	NE1	TX1	TX4	MEAN
609 (NE 84-609)	8.0	8.0	6.3	5.3	8.7	7.7	7.0	8.0	6.3	8.0	4.7	7.1
NE 85-378	8.7	8.0	5.7	5.0	9.0	8.3	7.7	3.0	5.3	7.7	4.0	6.6
315 (NE 84-315)	7.7	8.0	5.7	5.7	8.3	7.0	8.0	4.0	5.0	7.7	4.0	6.5
NE 84-436	7.3	8.0	6.3	4.7	8.0	7.3	7.7	3.7	4.7	8.0	4.0	6.3
AZ 143	6.0	8.0	6.0	5.0	7.7	7.3	7.7	3.3	5.7	8.0	3.7	6.2
NE 84-45-3	7.0	7.7	5.7	5.0	7.7	7.7	7.5	3.7	5.3	8.0	3.0	6.2
PRAIRIE	5.0	8.0	6.3	4.0	4.7	7.0	7.0	7.7	5.0	7.3	4.0	6.0
BUFFALAWN	6.0	7.0	6.3	4.0	3.0	7.3	5.7	7.3	5.3	6.7	3.7	5.7
HIGHLIGHT 4	5.0	7.7	6.7	1.0	3.0	6.3	6.3	8.0	5.7	6.7	4.0	5.5
HIGHLIGHT 15	5.3	7.0	6.0	4.0	1.7	6.3	5.7	6.3	5.3	6.0	4.7	5.3
HIGHLIGHT 25	5.0	7.0	5.3	4.3	1.0	6.3	5.3	6.3	5.7	6.3	3.7	5.1
LSD VALUE	1.2	0.4	0.8	0.6	1.2	1.0	0.9	1.5	1.1	0.7	0.6	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 5A. SPRING GREENUP RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	AZ1	IL2	KS1	KS2	MO1	MO2	NE1	TX1	TX4	WA4	MEAN
315 (NE 84-315)	5.3	9.0	3.3	7.3	5.7	4.7	6.7	1.0	7.0	6.0	5.6
NTDG-4	6.0	8.0	2.0	7.3	4.0	5.7	5.0	3.7	7.0	5.0	5.4
AZ 143	5.7	9.0	2.3	6.7	4.0	6.0	6.0	1.0	7.0	5.7	5.3
NE 84-436	5.7	9.0	2.3	7.0	5.0	4.0	6.0	1.0	7.3	5.7	5.3
NE 84-45-3	6.7	5.7	2.7	5.7	4.3	7.0	7.0	1.7	7.0	5.3	5.3
NTDG-2	5.7	8.0	2.3	7.7	5.7	3.0	6.0	2.3	7.0	5.0	5.3
NTDG-5	5.7	8.0	2.3	8.0	4.0	5.0	6.0	2.0	6.3	4.7	5.2
TEXOKA	7.0	5.7	2.3	7.0	3.7	5.3	5.3	1.7	7.3	4.0	4.9
NE 85-378	5.0	8.7	1.3	8.3	2.0	2.7	6.7	1.0	7.0	5.0	4.8
NTDG-1	4.3	7.7	2.0	6.3	4.3	4.0	5.3	2.0	7.3	4.3	4.8
SHARPS IMPROVED	6.0	6.7	3.0	7.3	3.3	1.0	5.3	2.7	6.7	5.0	4.7
BISON	6.0	7.0	3.0	6.7	4.0	1.7	5.0	2.7	6.0	4.0	4.6
PLAINS (BAM 202)	5.0	5.3	2.7	6.7	4.0	3.7	4.7	2.0	7.7	4.3	4.6
NTDG-3	5.0	7.7	2.0	7.3	2.3	4.0	5.3	1.3	7.0	3.7	4.6
TOP GUN (BAM 101)	6.0	5.3	1.7	5.7	4.0	4.0	5.7	1.7	7.0	4.7	4.6
PRAIRIE	6.3	3.3	1.0	6.7	2.7	2.0	2.7	5.3	6.7	4.3	4.1
609 (NE 84-609)	6.3	2.7	1.0	6.0	3.3	3.0	2.3	4.7	6.7	3.0	3.9
HIGHLIGHT 25	5.3	1.3	1.0	4.7	3.7	1.3	2.0	4.3	7.0	2.3	3.3
HIGHLIGHT 15	5.7	2.0	1.0	4.7	2.7	2.3	2.3	5.0	5.7	1.3	3.3
BUFFALAWN	6.3	1.7	1.0	4.3	1.5	2.3	1.0	4.0	6.7	1.3	3.0
RUTGERS	5.7	1.0	1.0	3.3	1.0	1.3	3.0	4.3	7.0	1.0	2.9
HIGHLIGHT 4	4.7	1.0	1.0	3.0	3.0	1.0	1.7	4.7	7.0	0.3	2.7
LSD VALUE	1.1	2.2	0.6	1.4	3.6	1.6	1.2	2.1	1.4	1.9	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 5B. SPRING GREENUP RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AZ1	IL2	KS1	KS2	MO1	MO2	NE1	TX1	TX4	WA4	MEAN
NTDG-4	6.0	8.0	2.0	7.3	4.0	5.7	5.0	3.7	7.0	5.0	5.4
NTDG-2	5.7	8.0	2.3	7.7	5.7	3.0	6.0	2.3	7.0	5.0	5.3
NTDG-5	5.7	8.0	2.3	8.0	4.0	5.0	6.0	2.0	6.3	4.7	5.2
TEXOKA	7.0	5.7	2.3	7.0	3.7	5.3	5.3	1.7	7.3	4.0	4.9
NTDG-1	4.3	7.7	2.0	6.3	4.3	4.0	5.3	2.0	7.3	4.3	4.8
SHARPS IMPROVED	6.0	6.7	3.0	7.3	3.3	1.0	5.3	2.7	6.7	5.0	4.7
BISON	6.0	7.0	3.0	6.7	4.0	1.7	5.0	2.7	6.0	4.0	4.6
PLAINS (BAM 202)	5.0	5.3	2.7	6.7	4.0	3.7	4.7	2.0	7.7	4.3	4.6
NTDG-3	5.0	7.7	2.0	7.3	2.3	4.0	5.3	1.3	7.0	3.7	4.6
TOP GUN (BAM 101)	6.0	5.3	1.7	5.7	4.0	4.0	5.7	1.7	7.0	4.7	4.6
RUTGERS	5.7	1.0	1.0	3.3	1.0	1.3	3.0	4.3	7.0	1.0	2.9
LSD VALUE	1.0	2.7	0.6	1.4	3.7	1.7	1.2	2.0	1.3	1.9	0.6

TABLE 5C. SPRING GREENUP RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AZ1	IL2	KS1	KS2	MO1	MO2	NE1	TX1	TX4	WA4	MEAN
315 (NE 84-315)	5.3	9.0	3.3	7.3	5.7	4.7	6.7	1.0	7.0	6.0	5.6
AZ 143	5.7	9.0	2.3	6.7	4.0	6.0	6.0	1.0	7.0	5.7	5.3
NE 84-436	5.7	9.0	2.3	7.0	5.0	4.0	6.0	1.0	7.3	5.7	5.3
NE 84-45-3	6.7	5.7	2.7	5.7	4.3	7.0	7.0	1.7	7.0	5.3	5.3
NE 85-378	5.0	8.7	1.3	8.3	2.0	2.7	6.7	1.0	7.0	5.0	4.8
PRAIRIE	6.3	3.3	1.0	6.7	2.7	2.0	2.7	5.3	6.7	4.3	4.1
609 (NE 84-609)	6.3	2.7	1.0	6.0	3.3	3.0	2.3	4.7	6.7	3.0	3.9
HIGHLIGHT 25	5.3	1.3	1.0	4.7	3.7	1.3	2.0	4.3	7.0	2.3	3.3
HIGHLIGHT 15	5.7	2.0	1.0	4.7	2.7	2.3	2.3	5.0	5.7	1.3	3.3
BUFFALAWN	6.3	1.7	1.0	4.3	1.5	2.3	1.0	4.0	6.7	1.3	3.0
HIGHLIGHT 4	4.7	1.0	1.0	3.0	3.0	1.0	1.7	4.7	7.0	0.3	2.7
LSD VALUE	1.2	1.5	0.6	1.5	3.5	1.5	1.1	2.1	1.5	2.0	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 6A. LEAF TEXTURE RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 1/			
NAME	CA1	MO1	OK1	MEAN
HIGHLIGHT 15	7.3	7.7	9.0	8.0
BUFFALAWN	7.0	7.7	9.0	7.9
HIGHLIGHT 25	7.0	7.7	9.0	7.9
HIGHLIGHT 4	6.7	8.0	9.0	7.9
RUTGERS	6.7	7.3	9.0	7.7
NTDG-1	7.0	8.0	7.7	7.6
AZ 143	6.3	8.0	8.0	7.4
NE 85-378	6.3	8.0	8.0	7.4
NE 84-45-3	6.3	7.5	8.3	7.4
315 (NE 84-315)	6.0	8.0	8.0	7.3
TEXOKA	6.0	8.0	8.0	7.3
NE 84-436	6.0	7.7	8.0	7.2
NTDG-5	6.0	8.0	7.7	7.2
PRAIRIE	6.7	7.0	8.0	7.2
NTDG-3	6.3	8.0	7.3	7.2
SHARPS IMPROVED	5.7	7.7	8.0	7.1
TOP GUN (BAM 101)	5.7	7.7	8.0	7.1
BISON	6.3	7.3	7.7	7.1
NTDG-2	6.3	7.3	7.7	7.1
609 (NE 84-609)	5.7	7.0	8.0	6.9
NTDG-4	5.7	7.0	8.0	6.9
PLAINS (BAM 202)	5.7	7.3	7.7	6.9
LSD VALUE	1.6	0.7	0.5	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 6B. LEAF TEXTURE RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	CA1	MO1	OK1	MEAN
RUTGERS	6.7	7.3	9.0	7.7
NTDG-1	7.0	8.0	7.7	7.6
TEXOKA	6.0	8.0	8.0	7.3
NTDG-5	6.0	8.0	7.7	7.2
NTDG-3	6.3	8.0	7.3	7.2
SHARPS IMPROVED	5.7	7.7	8.0	7.1
TOP GUN (BAM 101)	5.7	7.7	8.0	7.1
BISON	6.3	7.3	7.7	7.1
NTDG-2	6.3	7.3	7.7	7.1
NTDG-4	5.7	7.0	8.0	6.9
PLAINS (BAM 202)	5.7	7.3	7.7	6.9
LSD VALUE	1.7	0.7	0.7	0.6

TABLE 6C. LEAF TEXTURE RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	CA1	MO1	OK1	MEAN
HIGHLIGHT 15	7.3	7.7	9.0	8.0
BUFFALAWN	7.0	7.7	9.0	7.9
HIGHLIGHT 25	7.0	7.7	9.0	7.9
HIGHLIGHT 4	6.7	8.0	9.0	7.9
AZ 143	6.3	8.0	8.0	7.4
NE 85-378	6.3	8.0	8.0	7.4
NE 84-45-3	6.3	7.5	8.3	7.4
315 (NE 84-315)	6.0	8.0	8.0	7.3
NE 84-436	6.0	7.7	8.0	7.2
PRAIRIE	6.7	7.0	8.0	7.2
609 (NE 84-609)	5.7	7.0	8.0	6.9
LSD VALUE	1.5	0.7	0.3	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 7A. SPRING DENSITY RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	MO2	MEAN
609 (NE 84-609)	6.7	8.0	7.3
315 (NE 84-315)	6.3	7.7	7.0
AZ 143	6.0	8.0	7.0
HIGHLIGHT 4	5.7	8.3	7.0
PRAIRIE	6.7	7.3	7.0
HIGHLIGHT 25	6.7	7.0	6.8
NE 84-436	6.0	7.7	6.8
NE 85-378	6.0	7.7	6.8
NE 84-45-3	6.0	7.3	6.7
TOP GUN (BAM 101)	6.0	7.3	6.7
NTDG-4	6.3	6.7	6.5
RUTGERS	6.3	6.7	6.5
NTDG-3	5.7	6.7	6.2
BUFFALAWN	6.3	6.0	6.2
HIGHLIGHT 15	6.3	6.0	6.2
NTDG-1	6.3	6.0	6.2
NTDG-5	6.0	5.7	5.8
NTDG-2	6.0	5.3	5.7
PLAINS (BAM 202)	6.0	3.7	4.8
SHARPS IMPROVED	6.0	3.3	4.7
TEXOKA	6.0	2.3	4.2
BISON	6.0	2.0	4.0
LSD VALUE	0.7	2.2	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 7B. SPRING DENSITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	MO2	MEAN
TOP GUN (BAM 101)	6.0	7.3	6.7
NTDG-4	6.3	6.7	6.5
RUTGERS	6.3	6.7	6.5
NTDG-3	5.7	6.7	6.2
NTDG-1	6.3	6.0	6.2
NTDG-5	6.0	5.7	5.8
NTDG-2	6.0	5.3	5.7
PLAINS (BAM 202)	6.0	3.7	4.8
SHARPS IMPROVED	6.0	3.3	4.7
TEXOKA	6.0	2.3	4.2
BISON	6.0	2.0	4.0
LSD VALUE	0.6	2.0	1.0

TABLE 7C. SPRING DENSITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	MO2	MEAN
609 (NE 84-609)	6.7	8.0	7.3
315 (NE 84-315)	6.3	7.7	7.0
AZ 143	6.0	8.0	7.0
HIGHLIGHT 4	5.7	8.3	7.0
PRAIRIE	6.7	7.3	7.0
HIGHLIGHT 25	6.7	7.0	6.8
NE 84-436	6.0	7.7	6.8
NE 85-378	6.0	7.7	6.8
NE 84-45-3	6.0	7.3	6.7
BUFFALAWN	6.3	6.0	6.2
HIGHLIGHT 15	6.3	6.0	6.2
LSD VALUE	0.9	2.3	1.2

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 8A. SUMMER DENSITY RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	IL2	MO2	OK1	TX1	MEAN
609 (NE 84-609)	6.0	8.0	8.0	7.7	7.3	7.4
HIGHLIGHT 25	7.0	7.7	8.0	8.0	6.0	7.3
HIGHLIGHT 4	6.0	8.0	8.0	8.0	6.3	7.3
NTDG-1	7.0	6.7	7.3	8.0	7.0	7.2
BUFFALAWN	7.0	8.7	6.3	8.0	5.7	7.1
NE 85-378	6.3	6.3	8.0	8.0	7.0	7.1
PRAIRIE	7.3	5.7	8.7	8.0	6.0	7.1
RUTGERS	6.3	7.3	7.7	8.0	6.3	7.1
315 (NE 84-315)	6.0	7.0	8.7	8.0	5.3	7.0
HIGHLIGHT 15	7.0	7.7	6.7	8.0	5.7	7.0
NE 84-436	6.3	5.3	7.7	8.0	6.7	6.8
NTDG-2	6.7	6.3	6.7	8.0	6.0	6.7
NTDG-3	6.7	5.7	7.0	8.0	6.3	6.7
AZ 143	6.0	5.3	7.3	8.0	7.0	6.7
NE 84-45-3	6.7	6.0	7.0	8.0	5.7	6.7
NTDG-5	6.0	5.3	7.7	8.0	6.3	6.7
NTDG-4	6.3	4.7	7.0	8.0	7.0	6.6
TOP GUN (BAM 101)	6.3	5.7	6.0	8.0	6.7	6.5
TEXOKA	5.3	7.3	2.3	8.0	7.0	6.0
SHARPS IMPROVED	6.7	3.7	5.3	7.7	6.0	5.9
PLAINS (BAM 202)	5.7	4.3	6.0	7.0	6.0	5.8
BISON	6.3	2.0	3.0	7.3	5.3	4.8
LSD VALUE	1.8	2.1	2.2	0.3	1.6	0.8

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 8B. SUMMER DENSITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	IL2	MO2	OK1	TX1	MEAN
NTDG-1	7.0	6.7	7.3	8.0	7.0	7.2
RUTGERS	6.3	7.3	7.7	8.0	6.3	7.1
NTDG-2	6.7	6.3	6.7	8.0	6.0	6.7
NTDG-3	6.7	5.7	7.0	8.0	6.3	6.7
NTDG-5	6.0	5.3	7.7	8.0	6.3	6.7
NTDG-4	6.3	4.7	7.0	8.0	7.0	6.6
TOP GUN (BAM 101)	6.3	5.7	6.0	8.0	6.7	6.5
TEXOKA	5.3	7.3	2.3	8.0	7.0	6.0
SHARPS IMPROVED	6.7	3.7	5.3	7.7	6.0	5.9
PLAINS (BAM 202)	5.7	4.3	6.0	7.0	6.0	5.8
BISON	6.3	2.0	3.0	7.3	5.3	4.8
LSD VALUE	1.7	2.6	2.0	0.4	1.8	0.8

TABLE 8C. SUMMER DENSITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	IL2	MO2	OK1	TX1	MEAN
609 (NE 84-609)	6.0	8.0	8.0	7.7	7.3	7.4
HIGHLIGHT 25	7.0	7.7	8.0	8.0	6.0	7.3
HIGHLIGHT 4	6.0	8.0	8.0	8.0	6.3	7.3
BUFFALAWN	7.0	8.7	6.3	8.0	5.7	7.1
NE 85-378	6.3	6.3	8.0	8.0	7.0	7.1
PRAIRIE	7.3	5.7	8.7	8.0	6.0	7.1
315 (NE 84-315)	6.0	7.0	8.7	8.0	5.3	7.0
HIGHLIGHT 15	7.0	7.7	6.7	8.0	5.7	7.0
NE 84-436	6.3	5.3	7.7	8.0	6.7	6.8
AZ 143	6.0	5.3	7.3	8.0	7.0	6.7
NE 84-45-3	6.7	6.0	7.0	8.0	5.7	6.7
LSD VALUE	1.9	1.3	2.4	0.3	1.4	0.7

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 9A. FALL DENSITY RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	MO1	MO2	TX1	MEAN
PRAIRIE	6.3	6.0	8.7	6.7	6.9
609 (NE 84-609)	6.0	5.7	7.0	7.0	6.4
AZ 143	5.0	7.0	7.0	6.3	6.3
HIGHLIGHT 4	6.3	5.3	7.7	6.0	6.3
NE 85-378	6.0	6.5	7.3	5.3	6.3
HIGHLIGHT 25	7.0	5.7	7.7	4.0	6.1
NE 84-436	5.3	7.0	6.7	5.3	6.1
BUFFALAWN	6.7	5.7	6.7	5.0	6.0
NTDG-3	5.0	7.0	5.7	6.0	5.9
HIGHLIGHT 15	6.7	6.0	5.7	4.7	5.8
NTDG-1	4.7	7.0	5.7	5.7	5.8
NTDG-5	4.7	7.0	6.0	5.3	5.8
RUTGERS	7.0	5.7	6.3	4.0	5.8
315 (NE 84-315)	4.7	7.0	6.0	5.0	5.7
TOP GUN (BAM 101)	5.0	6.0	6.0	5.7	5.7
PLAINS (BAM 202)	6.0	5.7	5.7	5.0	5.6
NTDG-4	5.0	5.7	5.7	5.7	5.5
NTDG-2	3.7	6.7	5.7	5.7	5.4
SHARPS IMPROVED	5.3	6.7	4.7	4.3	5.3
TEXOKA	4.7	6.0	4.3	6.0	5.3
NE 84-45-3	3.3	6.0	6.3	4.7	5.1
BISON	5.3	6.0	3.3	4.3	4.8
LSD VALUE	1.9	1.2	2.2	1.9	0.9

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 9B. FALL DENSITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	MO1	MO2	TX1	MEAN
NTDG-3	5.0	7.0	5.7	6.0	5.9
NTDG-1	4.7	7.0	5.7	5.7	5.8
NTDG-5	4.7	7.0	6.0	5.3	5.8
RUTGERS	7.0	5.7	6.3	4.0	5.8
TOP GUN (BAM 101)	5.0	6.0	6.0	5.7	5.7
PLAINS (BAM 202)	6.0	5.7	5.7	5.0	5.6
NTDG-4	5.0	5.7	5.7	5.7	5.5
NTDG-2	3.7	6.7	5.7	5.7	5.4
SHARPS IMPROVED	5.3	6.7	4.7	4.3	5.3
TEXOKA	4.7	6.0	4.3	6.0	5.3
BISON	5.3	6.0	3.3	4.3	4.8
LSD VALUE	1.7	1.0	2.1	2.2	0.9

TABLE 9C. FALL DENSITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/

NAME	CA1	MO1	MO2	TX1	MEAN
PRAIRIE	6.3	6.0	8.7	6.7	6.9
609 (NE 84-609)	6.0	5.7	7.0	7.0	6.4
AZ 143	5.0	7.0	7.0	6.3	6.3
HIGHLIGHT 4	6.3	5.3	7.7	6.0	6.3
NE 85-378	6.0	6.5	7.3	5.3	6.3
HIGHLIGHT 25	7.0	5.7	7.7	4.0	6.1
NE 84-436	5.3	7.0	6.7	5.3	6.1
BUFFALAWN	6.7	5.7	6.7	5.0	6.0
HIGHLIGHT 15	6.7	6.0	5.7	4.7	5.8
315 (NE 84-315)	4.7	7.0	6.0	5.0	5.7
NE 84-45-3	3.3	6.0	6.3	4.7	5.1
LSD VALUE	2.0	1.4	2.3	1.5	0.9

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 10A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO2	MS1	TX4	VA6	WA4	MEAN
609 (NE 84-609)	92.7	83.3	50.0	53.3	91.7	74.2
NE 85-378	96.0	76.7	50.0	57.0	91.3	74.2
NTDG-4	76.7	75.0	46.7	56.7	96.3	70.3
TOP GUN (BAM 101)	83.0	70.0	50.0	60.0	81.3	68.9
AZ 143	80.0	63.3	46.7	86.3	66.3	68.5
NE 84-436	80.0	68.3	50.0	60.0	81.3	67.9
NTDG-5	80.0	70.0	50.0	35.0	91.3	65.3
NTDG-1	79.7	58.3	50.0	38.3	93.0	63.9
HIGHLIGHT 4	86.3	46.7	50.0	41.7	89.7	62.9
NTDG-2	66.7	43.3	46.7	58.3	94.7	61.9
HIGHLIGHT 25	83.0	70.0	53.3	28.3	73.0	61.5
315 (NE 84-315)	90.0	43.3	50.0	36.7	86.7	61.3
BUFFALAWN	66.3	75.0	50.0	18.3	83.3	58.6
HIGHLIGHT 15	66.3	61.7	53.3	40.0	71.3	58.5
SHARPS IMPROVED	53.3	71.7	50.0	20.3	92.7	57.6
NE 84-45-3	89.7	56.7	46.7	6.7	88.0	57.5
NTDG-3	66.7	50.0	50.0	30.0	88.0	56.9
PRAIRIE	89.3	40.0	46.7	18.3	86.0	56.1
RUTGERS	73.3	46.7	50.0	13.3	94.3	55.5
PLAINS (BAM 202)	63.3	40.0	53.3	21.7	79.7	51.6
TEXOKA	20.0	56.7	50.0	3.7	93.0	44.7
BISON	16.7	30.0	50.0	36.7	84.7	43.6
LSD VALUE	27.0	32.4	6.6	40.0	26.0	12.8

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 10B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO2	MS1	TX4	VA6	WA4	MEAN
NTDG-4	76.7	75.0	46.7	56.7	96.3	70.3
TOP GUN (BAM 101)	83.0	70.0	50.0	60.0	81.3	68.9
NTDG-5	80.0	70.0	50.0	35.0	91.3	65.3
NTDG-1	79.7	58.3	50.0	38.3	93.0	63.9
NTDG-2	66.7	43.3	46.7	58.3	94.7	61.9
SHARPS IMPROVED	53.3	71.7	50.0	20.3	92.7	57.6
NTDG-3	66.7	50.0	50.0	30.0	88.0	56.9
RUTGERS	73.3	46.7	50.0	13.3	94.3	55.5
PLAINS (BAM 202)	63.3	40.0	53.3	21.7	79.7	51.6
TEXOKA	20.0	56.7	50.0	3.7	93.0	44.7
BISON	16.7	30.0	50.0	36.7	84.7	43.6
LSD VALUE	24.9	27.8	4.8	38.6	23.9	11.8

TABLE 10C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO2	MS1	TX4	VA6	WA4	MEAN
609 (NE 84-609)	92.7	83.3	50.0	53.3	91.7	74.2
NE 85-378	96.0	76.7	50.0	57.0	91.3	74.2
AZ 143	80.0	63.3	46.7	86.3	66.3	68.5
NE 84-436	80.0	68.3	50.0	60.0	81.3	67.9
HIGHLIGHT 4	86.3	46.7	50.0	41.7	89.7	62.9
HIGHLIGHT 25	83.0	70.0	53.3	28.3	73.0	61.5
315 (NE 84-315)	90.0	43.3	50.0	36.7	86.7	61.3
BUFFALAWN	66.3	75.0	50.0	18.3	83.3	58.6
HIGHLIGHT 15	66.3	61.7	53.3	40.0	71.3	58.5
NE 84-45-3	89.7	56.7	46.7	6.7	88.0	57.5
PRAIRIE	89.3	40.0	46.7	18.3	86.0	56.1
LSD VALUE	28.9	36.4	7.9	41.4	28.0	13.7

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 11A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	AR1	MO2	NE1	TX4	VA6	WA4	MEAN
NTDG-2	90.0	70.0	99.0	43.3	91.3	96.3	81.7
NTDG-5	63.3	83.3	93.0	46.7	78.3	89.3	75.7
315 (NE 84-315)	43.3	96.0	93.0	46.7	81.7	88.3	74.8
AZ 143	25.0	86.7	99.0	63.3	97.7	73.0	74.1
NE 84-436	23.3	89.7	99.0	55.0	96.0	79.7	73.8
NE 85-378	16.7	99.0	93.0	55.0	83.3	92.7	73.3
NTDG-1	8.7	86.0	96.0	45.0	84.7	96.3	69.4
NTDG-4	20.0	80.0	86.7	43.3	86.7	97.7	69.1
TOP GUN (BAM 101)	18.3	83.0	99.0	46.7	75.0	90.0	68.7
PRAIRIE	5.3	99.0	86.3	48.3	45.0	92.7	62.8
NTDG-3	0.3	73.3	96.0	51.7	66.7	88.0	62.7
PLAINS (BAM 202)	26.7	70.0	90.0	45.0	58.3	84.7	62.4
609 (NE 84-609)	25.0	92.7	43.3	45.0	75.0	93.3	62.4
NE 84-45-3	23.3	83.0	90.0	60.0	23.3	78.3	59.7
SHARPS IMPROVED	13.3	56.7	96.0	43.3	51.7	88.3	58.2
BISON	26.7	23.3	93.0	41.7	76.7	85.0	57.7
BUFFALAWN	33.3	69.3	60.0	46.7	23.3	83.3	52.7
HIGHLIGHT 25	20.0	96.0	23.3	45.0	41.7	79.7	50.9
HIGHLIGHT 4	6.7	99.0	30.0	45.0	35.0	81.3	49.5
RUTGERS	15.0	96.0	25.0	41.7	11.7	97.7	47.8
TEXOKA	15.0	26.7	90.0	48.3	15.0	86.3	46.9
HIGHLIGHT 15	6.7	83.0	21.7	45.0	43.3	63.0	43.8
LSD VALUE	23.2	25.6	9.6	9.6	23.9	26.3	8.6

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 11B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	AR1	MO2	NE1	TX4	VA6	WA4	MEAN
NTDG-2	90.0	70.0	99.0	43.3	91.3	96.3	81.7
NTDG-5	63.3	83.3	93.0	46.7	78.3	89.3	75.7
NTDG-1	8.7	86.0	96.0	45.0	84.7	96.3	69.4
NTDG-4	20.0	80.0	86.7	43.3	86.7	97.7	69.1
TOP GUN (BAM 101)	18.3	83.0	99.0	46.7	75.0	90.0	68.7
NTDG-3	0.3	73.3	96.0	51.7	66.7	88.0	62.7
PLAINS (BAM 202)	26.7	70.0	90.0	45.0	58.3	84.7	62.4
SHARPS IMPROVED	13.3	56.7	96.0	43.3	51.7	88.3	58.2
BISON	26.7	23.3	93.0	41.7	76.7	85.0	57.7
RUTGERS	15.0	96.0	25.0	41.7	11.7	97.7	47.8
TEXOKA	15.0	26.7	90.0	48.3	15.0	86.3	46.9
LSD VALUE	17.1	22.8	7.1	8.7	24.3	19.2	7.3

TABLE 11C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	AR1	MO2	NE1	TX4	VA6	WA4	MEAN
315 (NE 84-315)	43.3	96.0	93.0	46.7	81.7	88.3	74.8
AZ 143	25.0	86.7	99.0	63.3	97.7	73.0	74.1
NE 84-436	23.3	89.7	99.0	55.0	96.0	79.7	73.8
NE 85-378	16.7	99.0	93.0	55.0	83.3	92.7	73.3
PRAIRIE	5.3	99.0	86.3	48.3	45.0	92.7	62.8
609 (NE 84-609)	25.0	92.7	43.3	45.0	75.0	93.3	62.4
NE 84-45-3	23.3	83.0	90.0	60.0	23.3	78.3	59.7
BUFFALAWN	33.3	69.3	60.0	46.7	23.3	83.3	52.7
HIGHLIGHT 25	20.0	96.0	23.3	45.0	41.7	79.7	50.9
HIGHLIGHT 4	6.7	99.0	30.0	45.0	35.0	81.3	49.5
HIGHLIGHT 15	6.7	83.0	21.7	45.0	43.3	63.0	43.8
LSD VALUE	28.1	28.2	11.4	10.4	23.5	31.8	9.7

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 12A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	AR1	MO1	MO2	TX4	VA6	WA4	MEAN
NTDG-2	97.7	85.0	73.3	28.3	98.7	99.0	80.3
AZ 143	88.3	85.0	83.3	35.0	99.0	86.7	79.6
NE 85-378	73.3	85.0	86.7	43.3	96.0	92.7	79.5
315 (NE 84-315)	88.3	90.0	73.3	30.0	92.0	96.0	78.3
NTDG-5	93.3	88.3	70.0	33.3	91.7	92.7	78.2
609 (NE 84-609)	75.0	73.3	89.3	36.7	88.3	96.0	76.4
HIGHLIGHT 25	90.0	75.0	83.3	30.0	80.0	89.3	74.6
NTDG-4	83.3	71.7	73.3	20.0	95.7	99.0	73.8
PLAINS (BAM 202)	83.3	75.0	70.0	21.7	88.3	96.0	72.4
NE 84-436	43.7	83.3	80.0	36.7	97.7	88.0	71.6
TOP GUN (BAM 101)	56.7	81.7	73.3	30.0	90.0	94.3	71.0
NTDG-1	43.3	87.5	70.0	28.3	93.3	99.0	70.3
PRAIRIE	30.0	77.7	93.0	35.0	90.0	94.3	70.0
RUTGERS	91.7	81.7	76.7	30.0	36.7	99.0	69.3
HIGHLIGHT 4	50.0	75.0	90.0	25.0	70.0	94.7	67.4
BUFFALAWN	81.3	80.0	66.7	33.3	46.7	94.7	67.1
SHARPS IMPROVED	48.3	84.0	63.3	20.0	85.0	89.7	65.1
NTDG-3	5.0	87.7	76.3	25.0	91.3	97.7	63.8
BISON	38.3	83.3	40.0	18.3	94.7	96.0	61.8
HIGHLIGHT 15	33.3	78.3	73.3	30.0	81.7	68.0	60.8
TEXOKA	71.7	81.0	53.3	36.7	20.0	93.0	59.3
NE 84-45-3	41.7	55.0	76.7	28.3	53.3	83.0	56.3
LSD VALUE	46.1	12.4	22.4	9.9	20.2	20.1	10.2

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 12B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	AR1	MO1	MO2	TX4	VA6	WA4	MEAN
NTDG-2	97.7	85.0	73.3	28.3	98.7	99.0	80.3
NTDG-5	93.3	88.3	70.0	33.3	91.7	92.7	78.2
NTDG-4	83.3	71.7	73.3	20.0	95.7	99.0	73.8
PLAINS (BAM 202)	83.3	75.0	70.0	21.7	88.3	96.0	72.4
TOP GUN (BAM 101)	56.7	81.7	73.3	30.0	90.0	94.3	71.0
NTDG-1	43.3	87.5	70.0	28.3	93.3	99.0	70.3
RUTGERS	91.7	81.7	76.7	30.0	36.7	99.0	69.3
SHARPS IMPROVED	48.3	84.0	63.3	20.0	85.0	89.7	65.1
NTDG-3	5.0	87.7	76.3	25.0	91.3	97.7	63.8
BISON	38.3	83.3	40.0	18.3	94.7	96.0	61.8
TEXOKA	71.7	81.0	53.3	36.7	20.0	93.0	59.3
LSD VALUE	44.0	7.6	21.7	10.3	11.9	9.2	8.9

TABLE 12C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	AR1	MO1	MO2	TX4	VA6	WA4	MEAN
AZ 143	88.3	85.0	83.3	35.0	99.0	86.7	79.6
NE 85-378	73.3	85.0	86.7	43.3	96.0	92.7	79.5
315 (NE 84-315)	88.3	90.0	73.3	30.0	92.0	96.0	78.3
609 (NE 84-609)	75.0	73.3	89.3	36.7	88.3	96.0	76.4
HIGHLIGHT 25	90.0	75.0	83.3	30.0	80.0	89.3	74.6
NE 84-436	43.7	83.3	80.0	36.7	97.7	88.0	71.6
PRAIRIE	30.0	77.7	93.0	35.0	90.0	94.3	70.0
HIGHLIGHT 4	50.0	75.0	90.0	25.0	70.0	94.7	67.4
BUFFALAWN	81.3	80.0	66.7	33.3	46.7	94.7	67.1
HIGHLIGHT 15	33.3	78.3	73.3	30.0	81.7	68.0	60.8
NE 84-45-3	41.7	55.0	76.7	28.3	53.3	83.0	56.3
LSD VALUE	48.1	16.3	23.0	9.6	26.0	26.8	11.4

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 13A. FROST TOLERANCE RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 1/

NAME	MO1	MEAN
609 (NE 84-609)	8.0	8.0
BUFFALAWN	8.0	8.0
HIGHLIGHT 25	8.0	8.0
PRAIRIE	8.0	8.0
TEXOKA	8.0	8.0
HIGHLIGHT 15	7.7	7.7
NTDG-4	7.7	7.7
HIGHLIGHT 4	7.3	7.3
NTDG-5	7.3	7.3
RUTGERS	7.3	7.3
TOP GUN (BAM 101)	7.3	7.3
BISON	7.0	7.0
NTDG-3	7.0	7.0
PLAINS (BAM 202)	7.0	7.0
SHARPS IMPROVED	7.0	7.0
315 (NE 84-315)	6.7	6.7
NE 84-436	6.7	6.7
NTDG-2	6.7	6.7
NE 85-378	6.5	6.5
NTDG-1	6.5	6.5
AZ 143	6.0	6.0
NE 84-45-3	6.0	6.0
LSD VALUE	1.0	1.0

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).

TABLE 13B. FROST TOLERANCE RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 1/

NAME	MO1	MEAN
TEXOKA	8.0	8.0
NTDG-4	7.7	7.7
NTDG-5	7.3	7.3
RUTGERS	7.3	7.3
TOP GUN (BAM 101)	7.3	7.3
BISON	7.0	7.0
NTDG-3	7.0	7.0
PLAINS (BAM 202)	7.0	7.0
SHARPS IMPROVED	7.0	7.0
NTDG-2	6.7	6.7
NTDG-1	6.5	6.5
LSD VALUE	1.0	1.0

TABLE 13C. FROST TOLERANCE RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 1/

NAME	MO1	MEAN
609 (NE 84-609)	8.0	8.0
BUFFALAWN	8.0	8.0
HIGHLIGHT 25	8.0	8.0
PRAIRIE	8.0	8.0
HIGHLIGHT 15	7.7	7.7
HIGHLIGHT 4	7.3	7.3
315 (NE 84-315)	6.7	6.7
NE 84-436	6.7	6.7
NE 85-378	6.5	6.5
AZ 143	6.0	6.0
NE 84-45-3	6.0	6.0
LSD VALUE	1.0	1.0

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).

TABLE 14A. WINTER COLOR RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	MO1	TX1	MEAN
609 (NE 84-609)	5.7	3.7	4.7
HIGHLIGHT 25	6.0	2.7	4.3
PRAIRIE	5.7	2.7	4.2
HIGHLIGHT 15	5.3	2.7	4.0
BUFFALAWN	5.3	2.3	3.8
HIGHLIGHT 4	4.3	3.3	3.8
PLAINS (BAM 202)	4.7	2.3	3.5
RUTGERS	4.3	2.7	3.5
NTDG-4	4.0	2.7	3.3
SHARPS IMPROVED	4.0	2.0	3.0
BISON	3.7	2.0	2.8
TEXOKA	4.3	1.3	2.8
NTDG-5	4.0	1.3	2.7
NTDG-1	4.0	1.0	2.5
TOP GUN (BAM 101)	4.0	1.0	2.5
NE 85-378	3.7	1.0	2.3
NTDG-2	3.7	1.0	2.3
NTDG-3	3.7	1.0	2.3
315 (NE 84-315)	3.0	1.0	2.0
NE 84-436	2.7	1.0	1.8
AZ 143	2.3	1.0	1.7
NE 84-45-3	2.0	1.0	1.5
LSD VALUE	1.6	1.1	0.9

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 14B. WINTER COLOR RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	MO1	TX1	MEAN
PLAINS (BAM 202)	4.7	2.3	3.5
RUTGERS	4.3	2.7	3.5
NTDG-4	4.0	2.7	3.3
SHARPS IMPROVED	4.0	2.0	3.0
BISON	3.7	2.0	2.8
TEXOKA	4.3	1.3	2.8
NTDG-5	4.0	1.3	2.7
NTDG-1	4.0	1.0	2.5
TOP GUN (BAM 101)	4.0	1.0	2.5
NTDG-2	3.7	1.0	2.3
NTDG-3	3.7	1.0	2.3
LSD VALUE	1.3	1.2	0.9

TABLE 14C. WINTER COLOR RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	MO1	TX1	MEAN
609 (NE 84-609)	5.7	3.7	4.7
HIGHLIGHT 25	6.0	2.7	4.3
PRAIRIE	5.7	2.7	4.2
HIGHLIGHT 15	5.3	2.7	4.0
BUFFALAWN	5.3	2.3	3.8
HIGHLIGHT 4	4.3	3.3	3.8
NE 85-378	3.7	1.0	2.3
315 (NE 84-315)	3.0	1.0	2.0
NE 84-436	2.7	1.0	1.8
AZ 143	2.3	1.0	1.7
NE 84-45-3	2.0	1.0	1.5
LSD VALUE	1.7	1.0	1.0

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).

TABLE 15A. PERCENT WINTER KILL RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	ID2	MEAN
609 (NE 84-609)	99.0	99.0
BISON	99.0	99.0
HIGHLIGHT 25	99.0	99.0
HIGHLIGHT 4	99.0	99.0
NTDG-2	99.0	99.0
NTDG-3	99.0	99.0
PLAINS (BAM 202)	99.0	99.0
PRAIRIE	99.0	99.0
RUTGERS	99.0	99.0
SHARPS IMPROVED	99.0	99.0
TEXOKA	99.0	99.0
TOP GUN (BAM 101)	99.0	99.0
BUFFALAWN	98.7	98.7
NE 84-436	98.7	98.7
NE 84-45-3	98.7	98.7
NTDG-1	98.7	98.7
NTDG-4	98.7	98.7
NTDG-5	98.3	98.3
NE 85-378	94.7	94.7
315 (NE 84-315)	94.3	94.3
AZ 143	75.7	75.7
LSD VALUE	14.3	14.3

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 15B. PERCENT WINTER KILL RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	ID2	MEAN
BISON	99.0	99.0
NTDG-2	99.0	99.0
NTDG-3	99.0	99.0
PLAINS (BAM 202)	99.0	99.0
RUTGERS	99.0	99.0
SHARPS IMPROVED	99.0	99.0
TEXOKA	99.0	99.0
TOP GUN (BAM 101)	99.0	99.0
NTDG-1	98.7	98.7
NTDG-4	98.7	98.7
NTDG-5	98.3	98.3
LSD VALUE	0.5	0.5

TABLE 15C. PERCENT WINTER KILL RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	ID2	MEAN
609 (NE 84-609)	99.0	99.0
HIGHLIGHT 25	99.0	99.0
HIGHLIGHT 4	99.0	99.0
PRAIRIE	99.0	99.0
BUFFALAWN	98.7	98.7
NE 84-436	98.7	98.7
NE 84-45-3	98.7	98.7
NE 85-378	94.7	94.7
315 (NE 84-315)	94.3	94.3
AZ 143	75.7	75.7
LSD VALUE	20.7	20.7

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 16A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 1/

NAME	WA4	MEAN
BISON	9.0	9.0
HIGHLIGHT 15	9.0	9.0
NTDG-5	9.0	9.0
RUTGERS	9.0	9.0
609 (NE 84-609)	8.7	8.7
315 (NE 84-315)	8.3	8.3
BUFFALAWN	8.3	8.3
NTDG-3	8.3	8.3
PLAINS (BAM 202)	8.3	8.3
AZ 143	8.0	8.0
HIGHLIGHT 4	8.0	8.0
NE 85-378	8.0	8.0
PRAIRIE	8.0	8.0
HIGHLIGHT 25	7.7	7.7
NTDG-1	7.7	7.7
NTDG-2	7.7	7.7
NTDG-4	7.7	7.7
TEXOKA	7.3	7.3
SHARPS IMPROVED	6.7	6.7
NE 84-436	6.3	6.3
TOP GUN (BAM 101)	5.7	5.7
NE 84-45-3	4.7	4.7
LSD VALUE	2.5	2.5

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 16B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 1/

NAME	WA4	MEAN
BISON	9.0	9.0
NTDG-5	9.0	9.0
RUTGERS	9.0	9.0
NTDG-3	8.3	8.3
PLAINS (BAM 202)	8.3	8.3
NTDG-1	7.7	7.7
NTDG-2	7.7	7.7
NTDG-4	7.7	7.7
TEXOKA	7.3	7.3
SHARPS IMPROVED	6.7	6.7
TOP GUN (BAM 101)	5.7	5.7
LSD VALUE	2.7	2.7

TABLE 16C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 1/

NAME	WA4	MEAN
HIGHLIGHT 15	9.0	9.0
609 (NE 84-609)	8.7	8.7
315 (NE 84-315)	8.3	8.3
BUFFALAWN	8.3	8.3
AZ 143	8.0	8.0
HIGHLIGHT 4	8.0	8.0
NE 85-378	8.0	8.0
PRAIRIE	8.0	8.0
HIGHLIGHT 25	7.7	7.7
NE 84-436	6.3	6.3
NE 84-45-3	4.7	4.7
LSD VALUE	2.3	2.3

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 17A. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 1/

NAME	WA4	MEAN
BISON	9.0	9.0
BUFFALAWN	9.0	9.0
HIGHLIGHT 15	9.0	9.0
HIGHLIGHT 25	9.0	9.0
HIGHLIGHT 4	9.0	9.0
PRAIRIE	9.0	9.0
RUTGERS	9.0	9.0
AZ 143	8.7	8.7
NTDG-1	8.7	8.7
NTDG-4	8.7	8.7
NTDG-5	8.7	8.7
PLAINS (BAM 202)	8.7	8.7
SHARPS IMPROVED	8.7	8.7
NE 85-378	8.3	8.3
NTDG-2	8.3	8.3
NTDG-3	8.3	8.3
TEXOKA	8.3	8.3
609 (NE 84-609)	8.0	8.0
TOP GUN (BAM 101)	8.0	8.0
315 (NE 84-315)	7.7	7.7
NE 84-436	7.3	7.3
NE 84-45-3	7.0	7.0
LSD VALUE	1.6	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).

TABLE 17B. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 1/

NAME	WA4	MEAN
BISON	9.0	9.0
RUTGERS	9.0	9.0
NTDG-1	8.7	8.7
NTDG-4	8.7	8.7
NTDG-5	8.7	8.7
PLAINS (BAM 202)	8.7	8.7
SHARPS IMPROVED	8.7	8.7
NTDG-2	8.3	8.3
NTDG-3	8.3	8.3
TEXOKA	8.3	8.3
TOP GUN (BAM 101)	8.0	8.0
LSD VALUE	1.2	1.2

TABLE 17C. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 1/

NAME	WA4	MEAN
BUFFALAWN	9.0	9.0
HIGHLIGHT 15	9.0	9.0
HIGHLIGHT 25	9.0	9.0
HIGHLIGHT 4	9.0	9.0
PRAIRIE	9.0	9.0
AZ 143	8.7	8.7
NE 85-378	8.3	8.3
609 (NE 84-609)	8.0	8.0
315 (NE 84-315)	7.7	7.7
NE 84-436	7.3	7.3
NE 84-45-3	7.0	7.0
LSD VALUE	1.9	1.9

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 18A. LEAF SPOT (SPRING) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/ UB1	MEAN
NE 84-436	7.3	7.3
BUFFALAWN	7.0	7.0
315 (NE 84-315)	6.3	6.3
HIGHLIGHT 25	6.3	6.3
NE 85-378	6.3	6.3
NTDG-3	5.3	5.3
NTDG-4	5.3	5.3
NTDG-5	5.3	5.3
PLAINS (BAM 202)	5.3	5.3
BISON	5.0	5.0
SHARPS IMPROVED	5.0	5.0
NTDG-1	4.7	4.7
RUTGERS	4.7	4.7
TEXOKA	4.7	4.7
AZ 143	4.3	4.3
NTDG-2	4.0	4.0
TOP GUN (BAM 101)	3.7	3.7
HIGHLIGHT 4	3.3	3.3
PRAIRIE	3.3	3.3
HIGHLIGHT 15	3.0	3.0
NE 84-45-3	3.0	3.0
609 (NE 84-609)	1.3	1.3
LSD VALUE	1.6	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).

TABLE 18B. LEAF SPOT (SPRING) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	UB1	MEAN
NTDG-3	5.3	5.3
NTDG-4	5.3	5.3
NTDG-5	5.3	5.3
PLAINS (BAM 202)	5.3	5.3
BISON	5.0	5.0
SHARPS IMPROVED	5.0	5.0
NTDG-1	4.7	4.7
RUTGERS	4.7	4.7
TEXOKA	4.7	4.7
NTDG-2	4.0	4.0
TOP GUN (BAM 101)	3.7	3.7
LSD VALUE	1.6	1.6

TABLE 18C. LEAF SPOT (SPRING) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	UB1	MEAN
NE 84-436	7.3	7.3
BUFFALAWN	7.0	7.0
315 (NE 84-315)	6.3	6.3
HIGHLIGHT 25	6.3	6.3
NE 85-378	6.3	6.3
AZ 143	4.3	4.3
HIGHLIGHT 4	3.3	3.3
PRAIRIE	3.3	3.3
HIGHLIGHT 15	3.0	3.0
NE 84-45-3	3.0	3.0
609 (NE 84-609)	1.3	1.3
LSD VALUE	1.7	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 19A. LEAF SPOT (SUMMER) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/	
NAME	UB1	MEAN
609 (NE 84-609)	9.0	9.0
NE 84-436	8.0	8.0
NTDG-2	7.7	7.7
NTDG-3	7.7	7.7
315 (NE 84-315)	7.3	7.3
AZ 143	7.3	7.3
NTDG-5	7.3	7.3
NE 85-378	7.0	7.0
NTDG-1	7.0	7.0
NTDG-4	7.0	7.0
SHARPS IMPROVED	6.7	6.7
PRAIRIE	6.0	6.0
TEXOKA	5.7	5.7
TOP GUN (BAM 101)	5.7	5.7
BISON	5.0	5.0
PLAINS (BAM 202)	5.0	5.0
NE 84-45-3	4.7	4.7
BUFFALAWN	3.3	3.3
HIGHLIGHT 4	2.7	2.7
RUTGERS	2.3	2.3
HIGHLIGHT 15	1.3	1.3
HIGHLIGHT 25	1.0	1.0
LSD VALUE	1.0	1.0

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).

TABLE 19B. LEAF SPOT (SUMMER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	UB1	MEAN
NTDG-2	7.7	7.7
NTDG-3	7.7	7.7
NTDG-5	7.3	7.3
NTDG-1	7.0	7.0
NTDG-4	7.0	7.0
SHARPS IMPROVED	6.7	6.7
TEXOKA	5.7	5.7
TOP GUN (BAM 101)	5.7	5.7
BISON	5.0	5.0
PLAINS (BAM 202)	5.0	5.0
RUTGERS	2.3	2.3
LSD VALUE	1.1	1.1

TABLE 19C. LEAF SPOT (SUMMER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	UB1	MEAN
609 (NE 84-609)	9.0	9.0
NE 84-436	8.0	8.0
315 (NE 84-315)	7.3	7.3
AZ 143	7.3	7.3
NE 85-378	7.0	7.0
PRAIRIE	6.0	6.0
NE 84-45-3	4.7	4.7
BUFFALAWN	3.3	3.3
HIGHLIGHT 4	2.7	2.7
HIGHLIGHT 15	1.3	1.3
HIGHLIGHT 25	1.0	1.0
LSD VALUE	0.8	0.8

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 20A. DOLLAR SPOT RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

DOLIAR SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	KS1
BUFFALAWN	9.0
HIGHLIGHT 15	9.0
HIGHLIGHT 25	9.0
HIGHLIGHT 4	9.0
PRAIRIE	9.0
RUTGERS	9.0
609 (NE 84-609)	8.7
BISON	8.0
NTDG-1	8.0
NTDG-5	8.0
PLAINS (BAM 202)	8.0
TOP GUN (BAM 101)	8.0
NTDG-3	7.7
NTDG-4	7.7
SHARPS IMPROVED	7.7
NTDG-2	7.3
NE 84-45-3	7.0
TEXOKA	7.0
NE 85-378	6.7
NE 84-436	6.3
315 (NE 84-315)	5.0
AZ 143	4.7
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).

TABLE 20B. DOLLAR SPOT RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

DOLIAR SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	KS1
RUTGERS	9.0
BISON	8.0
NTDG-1	8.0
NTDG-5	8.0
PLAINS (BAM 202)	8.0
TOP GUN (BAM 101)	8.0
NTDG-3	7.7
NTDG-4	7.7
SHARPS IMPROVED	7.7
NTDG-2	7.3
TEXOKA	7.0
LSD VALUE	1.5

TABLE 20C. DOLLAR SPOT RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

DOLIAR SPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	KS1
BUFFALAWN	9.0
HIGHLIGHT 15	9.0
HIGHLIGHT 25	9.0
HIGHLIGHT 4	9.0
PRAIRIE	9.0
609 (NE 84-609)	8.7
NE 84-45-3	7.0
NE 85-378	6.7
NE 84-436	6.3
315 (NE 84-315)	5.0
AZ 143	4.7
LSD VALUE	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 21A. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	CA3	UB1	MEAN
609 (NE 84-609)	7.3	9.0	8.2
PRAIRIE	7.0	8.0	7.5
BISON	7.7	7.0	7.3
TOP GUN (BAM 101)	7.7	7.0	7.3
PLAINS (BAM 202)	7.7	6.7	7.2
HIGHLIGHT 15	6.3	8.0	7.2
BUFFALAWN	6.0	8.0	7.0
HIGHLIGHT 4	6.0	8.0	7.0
NE 84-436	8.0	6.0	7.0
NTDG-1	8.0	6.0	7.0
NTDG-2	8.0	6.0	7.0
NTDG-4	8.0	6.0	7.0
HIGHLIGHT 25	6.0	7.7	6.8
NE 85-378	8.7	5.0	6.8
NTDG-3	7.3	6.3	6.8
315 (NE 84-315)	8.3	5.0	6.7
SHARPS IMPROVED	7.3	6.0	6.7
NTDG-5	7.3	5.7	6.5
RUTGERS	5.3	7.7	6.5
TEXOKA	7.3	5.7	6.5
AZ 143	7.3	5.3	6.3
NE 84-45-3	7.0	5.0	6.0
LSD VALUE	1.1	0.5	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 21B. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	CA3	UB1	MEAN
BISON	7.7	7.0	7.3
TOP GUN (BAM 101)	7.7	7.0	7.3
PLAINS (BAM 202)	7.7	6.7	7.2
NTDG-1	8.0	6.0	7.0
NTDG-2	8.0	6.0	7.0
NTDG-4	8.0	6.0	7.0
NTDG-3	7.3	6.3	6.8
SHARPS IMPROVED	7.3	6.0	6.7
NTDG-5	7.3	5.7	6.5
RUTGERS	5.3	7.7	6.5
TEXOKA	7.3	5.7	6.5
LSD VALUE	0.8	0.6	0.5

TABLE 21C. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	CA3	UB1	MEAN
609 (NE 84-609)	7.3	9.0	8.2
PRAIRIE	7.0	8.0	7.5
HIGHLIGHT 15	6.3	8.0	7.2
BUFFALAWN	6.0	8.0	7.0
HIGHLIGHT 4	6.0	8.0	7.0
NE 84-436	8.0	6.0	7.0
HIGHLIGHT 25	6.0	7.7	6.8
NE 85-378	8.7	5.0	6.8
315 (NE 84-315)	8.3	5.0	6.7
AZ 143	7.3	5.3	6.3
NE 84-45-3	7.0	5.0	6.0
LSD VALUE	1.3	0.4	0.7

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 22A. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	CA3	NE1	TX1	UB1	VA6	WA4	MEAN
HIGHLIGHT 15	6.0	6.0	8.0	7.0	5.3	8.0	6.7
609 (NE 84-609)	7.0	6.7	8.3	8.0	1.0	7.7	6.4
HIGHLIGHT 25	5.7	6.0	8.0	7.0	4.3	5.3	6.1
HIGHLIGHT 4	5.7	6.0	7.3	7.0	4.7	5.7	6.1
PRAIRIE	6.7	6.3	8.0	7.3	1.3	6.7	6.1
BUFFALAWN	5.7	5.7	7.7	7.0	3.3	5.7	5.8
RUTGERS	5.0	6.0	7.3	7.0	1.7	6.3	5.6
SHARPS IMPROVED	5.0	4.0	5.7	5.3	4.0	4.3	4.7
BISON	5.3	4.3	5.3	6.0	2.7	4.3	4.7
PLAINS (BAM 202)	4.3	4.0	5.3	5.7	3.3	5.3	4.7
TOP GUN (BAM 101)	5.0	4.3	5.7	5.3	3.0	1.3	4.1
TEXOKA	4.0	4.0	5.7	4.3	1.3	4.7	4.0
NTDG-4	5.7	4.0	4.3	4.7	1.3	2.7	3.8
NTDG-1	3.7	4.0	2.3	4.3	2.3	3.0	3.3
NTDG-5	3.3	4.0	3.7	4.3	1.0	2.7	3.2
NTDG-2	4.3	4.3	2.7	4.3	1.3	2.0	3.2
NTDG-3	3.7	4.0	2.7	5.3	1.0	1.7	3.1
NE 84-436	3.0	3.7	1.3	3.7	1.0	2.3	2.5
AZ 143	2.0	5.0	1.0	2.7	1.0	2.3	2.3
NE 85-378	3.0	3.3	1.3	2.7	1.0	2.0	2.2
315 (NE 84-315)	3.0	2.7	2.7	2.7	1.0	1.0	2.2
NE 84-45-3	2.0	2.3	2.7	2.3	1.0	1.0	1.9
LSD VALUE	1.1	0.7	2.6	0.9	2.9	2.1	0.8

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 22B. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	CA3	NE1	TX1	UB1	VA6	WA4	MEAN
RUTGERS	5.0	6.0	7.3	7.0	1.7	6.3	5.6
SHARPS IMPROVED	5.0	4.0	5.7	5.3	4.0	4.3	4.7
BISON	5.3	4.3	5.3	6.0	2.7	4.3	4.7
PLAINS (BAM 202)	4.3	4.0	5.3	5.7	3.3	5.3	4.7
TOP GUN (BAM 101)	5.0	4.3	5.7	5.3	3.0	1.3	4.1
TEXOKA	4.0	4.0	5.7	4.3	1.3	4.7	4.0
NTDG-4	5.7	4.0	4.3	4.7	1.3	2.7	3.8
NTDG-1	3.7	4.0	2.3	4.3	2.3	3.0	3.3
NTDG-5	3.3	4.0	3.7	4.3	1.0	2.7	3.2
NTDG-2	4.3	4.3	2.7	4.3	1.3	2.0	3.2
NTDG-3	3.7	4.0	2.7	5.3	1.0	1.7	3.1
LSD VALUE	1.4	0.5	3.3	1.1	2.7	2.0	0.9

TABLE 22C. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	CA3	NE1	TX1	UB1	VA6	WA4	MEAN
HIGHLIGHT 15	6.0	6.0	8.0	7.0	5.3	8.0	6.7
609 (NE 84-609)	7.0	6.7	8.3	8.0	1.0	7.7	6.4
HIGHLIGHT 25	5.7	6.0	8.0	7.0	4.3	5.3	6.1
HIGHLIGHT 4	5.7	6.0	7.3	7.0	4.7	5.7	6.1
PRAIRIE	6.7	6.3	8.0	7.3	1.3	6.7	6.1
BUFFALAWN	5.7	5.7	7.7	7.0	3.3	5.7	5.8
NE 84-436	3.0	3.7	1.3	3.7	1.0	2.3	2.5
AZ 143	2.0	5.0	1.0	2.7	1.0	2.3	2.3
NE 85-378	3.0	3.3	1.3	2.7	1.0	2.0	2.2
315 (NE 84-315)	3.0	2.7	2.7	2.7	1.0	1.0	2.2
NE 84-45-3	2.0	2.3	2.7	2.3	1.0	1.0	1.9
LSD VALUE	0.7	0.9	1.6	0.7	3.1	2.1	0.7

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 23A. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	CA3	MS1	OK1	UB1	MEAN
609 (NE 84-609)	8.0	6.0	6.7	6.0	6.7
HIGHLIGHT 15	7.3	4.7	6.7	4.3	5.8
HIGHLIGHT 4	7.0	4.7	6.3	4.3	5.6
PRAIRIE	7.0	3.7	5.7	6.0	5.6
HIGHLIGHT 25	7.7	4.0	6.0	4.3	5.5
RUTGERS	6.3	4.7	6.0	4.7	5.4
BUFFALAWN	6.7	4.0	6.0	4.7	5.3
BISON	4.0	3.7	6.0	3.0	4.2
PLAINS (BAM 202)	3.3	3.7	5.0	3.0	3.8
NTDG-4	3.3	4.0	5.0	1.7	3.5
SHARPS IMPROVED	3.3	3.3	4.7	2.7	3.5
TEXOKA	2.7	4.0	5.0	2.0	3.4
TOP GUN (BAM 101)	2.7	3.7	4.0	2.7	3.3
NTDG-1	2.3	3.3	4.3	2.0	3.0
NTDG-3	2.3	3.3	4.3	2.0	3.0
NTDG-2	2.0	3.3	4.0	2.0	2.8
NTDG-5	2.0	3.0	4.0	2.0	2.8
NE 84-436	1.7	3.3	4.0	1.3	2.6
315 (NE 84-315)	1.7	3.0	4.0	1.0	2.4
NE 85-378	1.7	2.7	4.0	1.3	2.4
AZ 143	1.0	3.0	4.0	1.0	2.3
NE 84-45-3	1.0	3.0	4.0	1.0	2.3
LSD VALUE	1.3	1.3	0.7	0.6	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 23B. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	CA3	MS1	OK1	UB1	MEAN
RUTGERS	6.3	4.7	6.0	4.7	5.4
BISON	4.0	3.7	6.0	3.0	4.2
PLAINS (BAM 202)	3.3	3.7	5.0	3.0	3.8
NTDG-4	3.3	4.0	5.0	1.7	3.5
SHARPS IMPROVED	3.3	3.3	4.7	2.7	3.5
TEXOKA	2.7	4.0	5.0	2.0	3.4
TOP GUN (BAM 101)	2.7	3.7	4.0	2.7	3.3
NTDG-1	2.3	3.3	4.3	2.0	3.0
NTDG-3	2.3	3.3	4.3	2.0	3.0
NTDG-2	2.0	3.3	4.0	2.0	2.8
NTDG-5	2.0	3.0	4.0	2.0	2.8
LSD VALUE	1.7	0.9	0.8	0.6	0.5

TABLE 23C. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	CA3	MS1	OK1	UB1	MEAN
609 (NE 84-609)	8.0	6.0	6.7	6.0	6.7
HIGHLIGHT 15	7.3	4.7	6.7	4.3	5.8
HIGHLIGHT 4	7.0	4.7	6.3	4.3	5.6
PRAIRIE	7.0	3.7	5.7	6.0	5.6
HIGHLIGHT 25	7.7	4.0	6.0	4.3	5.5
BUFFALAWN	6.7	4.0	6.0	4.7	5.3
NE 84-436	1.7	3.3	4.0	1.3	2.6
315 (NE 84-315)	1.7	3.0	4.0	1.0	2.4
NE 85-378	1.7	2.7	4.0	1.3	2.4
AZ 143	1.0	3.0	4.0	1.0	2.3
NE 84-45-3	1.0	3.0	4.0	1.0	2.3
LSD VALUE	0.8	1.5	0.6	0.7	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 24A. FALL COLOR (DECEMBER) RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

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

NAME	CA3	MEAN
HIGHLIGHT 15	3.3	3.3
609 (NE 84-609)	3.0	3.0
BUFFALAWN	3.0	3.0
HIGHLIGHT 25	3.0	3.0
HIGHLIGHT 4	3.0	3.0
PRAIRIE	2.3	2.3
RUTGERS	2.3	2.3
SHARPS IMPROVED	1.3	1.3
315 (NE 84-315)	1.0	1.0
AZ 143	1.0	1.0
BISON	1.0	1.0
NE 84-436	1.0	1.0
NE 84-45-3	1.0	1.0
NE 85-378	1.0	1.0
NTDG-1	1.0	1.0
NTDG-2	1.0	1.0
NTDG-3	1.0	1.0
NTDG-4	1.0	1.0
NTDG-5	1.0	1.0
PLAINS (BAM 202)	1.0	1.0
TEXOKA	1.0	1.0
TOP GUN (BAM 101)	1.0	1.0
LSD VALUE	0.5	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 24B. FALL COLOR (DECEMBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	CA3	MEAN
RUTGERS	2.3	2.3
SHARPS IMPROVED	1.3	1.3
BISON	1.0	1.0
NTDG-1	1.0	1.0
NTDG-2	1.0	1.0
NTDG-3	1.0	1.0
NTDG-4	1.0	1.0
NTDG-5	1.0	1.0
PLAINS (BAM 202)	1.0	1.0
TEXOKA	1.0	1.0
TOP GUN (BAM 101)	1.0	1.0
LSD VALUE	0.4	0.4

TABLE 24C. FALL COLOR (DECEMBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	CA3	MEAN
HIGHLIGHT 15	3.3	3.3
609 (NE 84-609)	3.0	3.0
BUFFALAWN	3.0	3.0
HIGHLIGHT 25	3.0	3.0
HIGHLIGHT 4	3.0	3.0
PRAIRIE	2.3	2.3
315 (NE 84-315)	1.0	1.0
AZ 143	1.0	1.0
NE 84-436	1.0	1.0
NE 84-45-3	1.0	1.0
NE 85-378	1.0	1.0
LSD VALUE	0.6	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 25A. POLLEN HEAD RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	POLLEN HEAD RATINGS 1-9; 9=NONE 1/	
NAME	CA3	MEAN
315 (NE 84-315)	9.0	9.0
609 (NE 84-609)	9.0	9.0
BUFFALAWN	9.0	9.0
HIGHLIGHT 25	9.0	9.0
HIGHLIGHT 4	9.0	9.0
NE 85-378	9.0	9.0
PRAIRIE	9.0	9.0
NE 84-436	7.3	7.3
AZ 143	7.0	7.0
SHARPS IMPROVED	6.0	6.0
HIGHLIGHT 15	5.7	5.7
NTDG-2	5.7	5.7
PLAINS (BAM 202)	5.7	5.7
BISON	5.3	5.3
NTDG-3	5.3	5.3
NTDG-1	5.0	5.0
NTDG-5	5.0	5.0
RUTGERS	5.0	5.0
NTDG-4	4.7	4.7
TEXOKA	4.3	4.3
TOP GUN (BAM 101)	4.0	4.0
NE 84-45-3	2.0	2.0
LSD VALUE	2.0	2.0

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).

TABLE 25B. POLLEN HEAD RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

	POLLEN HEAD RATINGS 1-9; 9=NONE 1/	
NAME	CA3	MEAN
SHARPS IMPROVED	6.0	6.0
NTDG-2	5.7	5.7
PLAINS (BAM 202)	5.7	5.7
BISON	5.3	5.3
NTDG-3	5.3	5.3
NTDG-1	5.0	5.0
NTDG-5	5.0	5.0
RUTGERS	5.0	5.0
NTDG-4	4.7	4.7
TEXOKA	4.3	4.3
TOP GUN (BAM 101)	4.0	4.0
LSD VALUE	2.5	2.5

TABLE 25C. POLLEN HEAD RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

	POLLEN HEAD RATINGS 1-9; 9=NONE 1/	
NAME	CA3	MEAN
315 (NE 84-315)	9.0	9.0
609 (NE 84-609)	9.0	9.0
BUFFALAWN	9.0	9.0
HIGHLIGHT 25	9.0	9.0
HIGHLIGHT 4	9.0	9.0
NE 85-378	9.0	9.0
PRAIRIE	9.0	9.0
NE 84-436	7.3	7.3
AZ 143	7.0	7.0
HIGHLIGHT 15	5.7	5.7
NE 84-45-3	2.0	2.0
LSD VALUE	1.3	1.3

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 26A. STOLON LENGTH RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	STOLON LENGTH MEASURED IN INCHES 1/	
NAME	WA4	MEAN
609 (NE 84-609)	8.0	8.0
BISON	6.3	6.3
NTDG-5	5.7	5.7
PLAINS (BAM 202)	5.7	5.7
NTDG-4	5.0	5.0
BUFFALAWN	4.7	4.7
NE 84-436	4.7	4.7
NE 85-378	4.7	4.7
NTDG-2	4.7	4.7
PRAIRIE	4.7	4.7
TEXOKA	4.7	4.7
TOP GUN (BAM 101)	4.7	4.7
315 (NE 84-315)	4.3	4.3
NTDG-1	4.3	4.3
RUTGERS	4.3	4.3
AZ 143	4.0	4.0
NTDG-3	4.0	4.0
SHARPS IMPROVED	4.0	4.0
HIGHLIGHT 25	3.7	3.7
HIGHLIGHT 4	3.7	3.7
HIGHLIGHT 15	3.3	3.3
NE 84-45-3	2.3	2.3
LSD VALUE	2.6	2.6

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 26B. STOLON LENGTH RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

	STOLON LENGTH MEASURED IN INCHES 1/	
NAME	WA4	MEAN
BISON	6.3	6.3
NTDG-5	5.7	5.7
PLAINS (BAM 202)	5.7	5.7
NTDG-4	5.0	5.0
NTDG-2	4.7	4.7
TEXOKA	4.7	4.7
TOP GUN (BAM 101)	4.7	4.7
NTDG-1	4.3	4.3
RUTGERS	4.3	4.3
NTDG-3	4.0	4.0
SHARPS IMPROVED	4.0	4.0
LSD VALUE	2.0	2.0

TABLE 26C. STOLON LENGTH RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

	STOLON LENGTH MEASURED IN INCHES 1/	
NAME	WA4	MEAN
609 (NE 84-609)	8.0	8.0
BUFFALAWN	4.7	4.7
NE 84-436	4.7	4.7
NE 85-378	4.7	4.7
PRAIRIE	4.7	4.7
315 (NE 84-315)	4.3	4.3
AZ 143	4.0	4.0
HIGHLIGHT 25	3.7	3.7
HIGHLIGHT 4	3.7	3.7
HIGHLIGHT 15	3.3	3.3
NE 84-45-3	2.3	2.3
LSD VALUE	3.0	3.0

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).

TABLE 27A. PLANT HEIGHT RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	PLANT HEIGHT MEASURED IN INCHES 1/	
NAME	WA4	MEAN
BISON	11.3	11.3
PLAINS (BAM 202)	10.7	10.7
NTDG-1	9.7	9.7
SHARPS IMPROVED	9.7	9.7
609 (NE 84-609)	8.3	8.3
TEXOKA	8.3	8.3
NTDG-4	8.0	8.0
PRAIRIE	8.0	8.0
NE 85-378	7.7	7.7
NTDG-2	7.7	7.7
NTDG-5	7.7	7.7
NE 84-436	7.3	7.3
TOP GUN (BAM 101)	7.3	7.3
NTDG-3	7.0	7.0
AZ 143	6.3	6.3
HIGHLIGHT 15	6.3	6.3
HIGHLIGHT 25	6.0	6.0
NE 84-45-3	6.0	6.0
RUTGERS	6.0	6.0
315 (NE 84-315)	5.3	5.3
HIGHLIGHT 4	5.0	5.0
BUFFALAWN	4.7	4.7
LSD VALUE	2.5	2.5

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 27B. PLANT HEIGHT RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

PLANT HEIGHT MEASURED IN INCHES 1/

NAME	WA4	MEAN
BISON	11.3	11.3
PLAINS (BAM 202)	10.7	10.7
NTDG-1	9.7	9.7
SHARPS IMPROVED	9.7	9.7
TEXOKA	8.3	8.3
NTDG-4	8.0	8.0
NTDG-2	7.7	7.7
NTDG-5	7.7	7.7
TOP GUN (BAM 101)	7.3	7.3
NTDG-3	7.0	7.0
RUTGERS	6.0	6.0
LSD VALUE	2.3	2.3

TABLE 27C. PLANT HEIGHT RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PLANT HEIGHT MEASURED IN INCHES 1/

NAME	WA4	MEAN
609 (NE 84-609)	8.3	8.3
PRAIRIE	8.0	8.0
NE 85-378	7.7	7.7
NE 84-436	7.3	7.3
AZ 143	6.3	6.3
HIGHLIGHT 15	6.3	6.3
HIGHLIGHT 25	6.0	6.0
NE 84-45-3	6.0	6.0
315 (NE 84-315)	5.3	5.3
HIGHLIGHT 4	5.0	5.0
BUFFALAWN	4.7	4.7
LSD VALUE	2.8	2.8

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 28A. PERCENT MALE PLANT RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

PERCENT MALE PLANT: LOCATIONS 1/

NAME	WA4	MEAN
NE 84-45-3	77.7	77.7
RUTGERS	49.7	49.7
NTDG-1	45.3	45.3
NTDG-2	44.0	44.0
NTDG-3	41.0	41.0
TOP GUN (BAM 101)	37.7	37.7
NE 84-436	28.3	28.3
SHARPS IMPROVED	28.3	28.3
NTDG-4	27.3	27.3
NTDG-5	25.3	25.3
PLAINS (BAM 202)	25.0	25.0
BISON	24.3	24.3
HIGHLIGHT 15	14.0	14.0
TEXOKA	12.3	12.3
NE 85-378	12.0	12.0
AZ 143	1.3	1.3
315 (NE 84-315)	0.3	0.3
BUFFALAWN	0.3	0.3
609 (NE 84-609)	0.0	0.0
HIGHLIGHT 25	0.0	0.0
HIGHLIGHT 4	0.0	0.0
PRAIRIE	0.0	0.0
LSD VALUE	17.7	17.7

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 28B. PERCENT MALE PLANT RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

	PERCENT MALE PLANT: LOCATIONS 1/	
NAME	WA4	MEAN
RUTGERS	49.7	49.7
NTDG-1	45.3	45.3
NTDG-2	44.0	44.0
NTDG-3	41.0	41.0
TOP GUN (BAM 101)	37.7	37.7
SHARPS IMPROVED	28.3	28.3
NTDG-4	27.3	27.3
NTDG-5	25.3	25.3
PLAINS (BAM 202)	25.0	25.0
BISON	24.3	24.3
TEXOKA	12.3	12.3
LSD VALUE	20.6	20.6

TABLE 28C. PERCENT MALE PLANT RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

	PERCENT MALE PLANT: LOCATIONS 1/	
NAME	WA4	MEAN
NE 84-45-3	77.7	77.7
NE 84-436	28.3	28.3
HIGHLIGHT 15	14.0	14.0
NE 85-378	12.0	12.0
AZ 143	1.3	1.3
315 (NE 84-315)	0.3	0.3
BUFFALAWN	0.3	0.3
609 (NE 84-609)	0.0	0.0
HIGHLIGHT 25	0.0	0.0
HIGHLIGHT 4	0.0	0.0
PRAIRIE	0.0	0.0
LSD VALUE	14.2	14.2

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 29A. UNIFORMITY RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	UNIFORMITY RATINGS 1-9; 9=MAXIMUM UNIFORMITY 1/	
NAME	OK1	MEAN
315 (NE 84-315)	9.0	9.0
609 (NE 84-609)	9.0	9.0
AZ 143	9.0	9.0
BISON	9.0	9.0
BUFFALAWN	9.0	9.0
HIGHLIGHT 15	9.0	9.0
HIGHLIGHT 25	9.0	9.0
HIGHLIGHT 4	9.0	9.0
NE 84-436	9.0	9.0
NE 84-45-3	9.0	9.0
NE 85-378	9.0	9.0
NTDG-2	9.0	9.0
NTDG-3	9.0	9.0
PRAIRIE	9.0	9.0
RUTGERS	9.0	9.0
SHARPS IMPROVED	9.0	9.0
TOP GUN (BAM 101)	9.0	9.0
NTDG-4	8.7	8.7
PLAINS (BAM 202)	8.7	8.7
NTDG-1	8.3	8.3
NTDG-5	8.3	8.3
TEXOKA	7.7	7.7
LSD VALUE	0.7	0.7

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 29B. UNIFORMITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

UNIFORMITY RATINGS 1-9; 9=MAXIMUM UNIFORMITY 1/

NAME	OK1	MEAN
BISON	9.0	9.0
NTDG-2	9.0	9.0
NTDG-3	9.0	9.0
RUTGERS	9.0	9.0
SHARPS IMPROVED	9.0	9.0
TOP GUN (BAM 101)	9.0	9.0
NTDG-4	8.7	8.7
PLAINS (BAM 202)	8.7	8.7
NTDG-1	8.3	8.3
NTDG-5	8.3	8.3
TEXOKA	7.7	7.7
LSD VALUE	0.9	0.9

TABLE 29C. UNIFORMITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	OK1	MEAN
315 (NE 84-315)	9	9
609 (NE 84-609)	9	9
AZ 143	9	9
BUFFALAWN	9	9
HIGHLIGHT 15	9	9
HIGHLIGHT 25	9	9
HIGHLIGHT 4	9	9
NE 84-436	9	9
NE 84-45-3	9	9
NE 85-378	9	9
PRAIRIE	9	9
LSD VALUE	0	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).

TABLE 30A. LEAF FIRING RATINGS OF BUFFALOGRASS CULTIVARS
1993 DATA

	LEAF FIRING RATINGS 1-9; 9=NONE 1/	
NAME	OK1	MEAN
609 (NE 84-609)	9.0	9.0
AZ 143	9.0	9.0
HIGHLIGHT 15	9.0	9.0
HIGHLIGHT 4	9.0	9.0
NE 84-436	9.0	9.0
NTDG-4	9.0	9.0
TEXOKA	9.0	9.0
BISON	8.7	8.7
NTDG-5	8.7	8.7
RUTGERS	8.7	8.7
315 (NE 84-315)	8.3	8.3
BUFFALAWN	8.3	8.3
HIGHLIGHT 25	8.3	8.3
NE 85-378	8.3	8.3
NTDG-1	8.3	8.3
NTDG-2	8.3	8.3
NTDG-3	8.3	8.3
PLAINS (BAM 202)	8.3	8.3
SHARPS IMPROVED	8.3	8.3
NE 84-45-3	8.0	8.0
PRAIRIE	8.0	8.0
TOP GUN (BAM 101)	8.0	8.0
LSD VALUE	1.0	1.0

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).

TABLE 30B. LEAF FIRING RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS
1993 DATA

	LEAF FIRING RATINGS 1-9; 9=NONE 1/	
NAME	OK1	MEAN
NTDG-4	9.0	9.0
TEXOKA	9.0	9.0
BISON	8.7	8.7
NTDG-5	8.7	8.7
RUTGERS	8.7	8.7
NTDG-1	8.3	8.3
NTDG-2	8.3	8.3
NTDG-3	8.3	8.3
PLAINS (BAM 202)	8.3	8.3
SHARPS IMPROVED	8.3	8.3
TOP GUN (BAM 101)	8.0	8.0
LSD VALUE	0.9	0.9

TABLE 30C. LEAF FIRING RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS
1993 DATA

	LEAF FIRING RATINGS 1-9; 9=NONE 1/	
NAME	OK1	MEAN
609 (NE 84-609)	9.0	9.0
AZ 143	9.0	9.0
HIGHLIGHT 15	9.0	9.0
HIGHLIGHT 4	9.0	9.0
NE 84-436	9.0	9.0
315 (NE 84-315)	8.3	8.3
BUFFALAWN	8.3	8.3
HIGHLIGHT 25	8.3	8.3
NE 85-378	8.3	8.3
NE 84-45-3	8.0	8.0
PRAIRIE	8.0	8.0
LSD VALUE	1.1	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 31A. HERBICIDE INJURY RATINGS OF BUFFALOGRASS CULTIVARS 1/
1993 DATA

HERBICIDE INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	AR1	MEAN
HIGHLIGHT 25	5.7	5.7
HIGHLIGHT 4	5.7	5.7
NE 84-45-3	5.0	5.0
NE 84-436	4.3	4.3
AZ 143	4.0	4.0
HIGHLIGHT 15	4.0	4.0
RUTGERS	4.0	4.0
609 (NE 84-609)	3.7	3.7
BUFFALAWN	3.7	3.7
NTDG-4	3.7	3.7
315 (NE 84-315)	3.3	3.3
PLAINS (BAM 202)	3.3	3.3
TOP GUN (BAM 101)	3.3	3.3
BISON	3.0	3.0
TEXOKA	3.0	3.0
NE 85-378	2.7	2.7
PRAIRIE	2.7	2.7
SHARPS IMPROVED	2.3	2.3
NTDG-1	2.0	2.0
NTDG-5	2.0	2.0
NTDG-2	1.7	1.7
LSD VALUE	2.3	2.3

1/ HERBICIDE APPLIED WAS A MIXTURE OF 2,4-D, MCPP AND DICAMBA.

2/ 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 31B. HERBICIDE INJURY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/
1993 DATA

HERBICIDE INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	AR1	MEAN
RUTGERS	4.0	4.0
NTDG-4	3.7	3.7
PLAINS (BAM 202)	3.3	3.3
TOP GUN (BAM 101)	3.3	3.3
BISON	3.0	3.0
TEXOKA	3.0	3.0
SHARPS IMPROVED	2.3	2.3
NTDG-1	2.0	2.0
NTDG-5	2.0	2.0
NTDG-2	1.7	1.7
LSD VALUE	2.1	2.1

TABLE 31C. HERBICIDE INJURY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/
1993 DATA

HERBICIDE INJURY RATINGS 1-9; 9=NO INJURY 2/

NAME	AR1	MEAN
HIGHLIGHT 25	5.7	5.7
HIGHLIGHT 4	5.7	5.7
NE 84-45-3	5.0	5.0
NE 84-436	4.3	4.3
AZ 143	4.0	4.0
HIGHLIGHT 15	4.0	4.0
609 (NE 84-609)	3.7	3.7
BUFFALAWN	3.7	3.7
315 (NE 84-315)	3.3	3.3
NE 85-378	2.7	2.7
PRAIRIE	2.7	2.7
LSD VALUE	2.5	2.5

1/ HERBICIDE APPLIED WAS A MIXTURE OF 2,4-D, MCPP AND DICAMBA.

2/ 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).