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, a national director, and an executive coordinator. The program will 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. The national director is responsible for the overall coordination and operation of the NTEP, including (1) soliciting entries and distribution of test seed sets to evaluators, (2) data summarization and distribution, and, (3) management of test materials, facilities, and finances.

National Director - Kevin N. Morris, National Turfgrass Federation, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. Donald B. White, University of Minnesota
Dr. Milton C. Engelke, Texas A & M University
Dr. Terrance P. Riordan, University of Nebraska
Dr. Gerald Pepin, Pickseed West, Inc.
Dr. Bridget Ruemmele, University of Rhode Island
Mr. Al Gardner, A-G Turf Farms, Inc.

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1991 National Buffalograss Test - 1992 data

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LOCATIONS SUBMITTING DATA FOR 1992

State	Location	Code
Arizona	Tucson	AZ1
California	Santa Clara	CA1
California	Riverside	CA3
Colorado	Ft. Collins	CO1
Idaho	Post Falls	ID2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Illinois	Joliet	IL3
Kansas	Manhattan	KS1
Kansas	Wichita	KS2
Maryland	Beltsville	UB1
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
Missouri	Columbia	MO2
Nebraska	Lincoln	NE1
Ohio	Marysville	OH2
Oklahoma	Stillwater	OK1
Texas	Dallas	TX1
Texas	Bastrop	TX2
Texas	Cleveland	TX3
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: 13-21

TABLE A. 1992 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
AZ1	SANDY LOAM	7.6-8.5	61-150	501+	2.1-3.0	FULL SUN	0.6-1.0	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	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CO1	SILTY CLAY LOAM	7.6-8.5	0-60	501+	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
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	61-150	151-240	2.1-3.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
IL3	-	-	-	-	-	FULL SUN	1.6-2.0	-
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
KS2	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MO2	SILTY CLAY LOAM	6.6-7.0	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	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	ONLY DURING SEVERE STRESS
NE1	SILTY CLAY LOAM	6.6-7.0	151-270	241-375	0.0-1.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
OH2	SILTY CLAY LOAM	-	-	-	3.1-4.0	FULL SUN	1.6-2.0	NO IRRIGATION
OK1	SANDY CLAY LOAM	6.1-6.5	61-150	241-375	0.0-1.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
TX2	-	-	-	-	-	-	-	-
TX3	SILT LOAM AND SILT	4.6-5.5	61-150	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	LOAM	5.6-6.0	271-450	151-240	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
VA6	-	-	-	-	0.0-1.0	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 1992

LOCATION	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	GENETIC COLOR RATING	SPRING GREENUP RATING
AZ1		X	X	X	X	X	X	X	X			
CA1				X	X	X	X	X	X			
CA3		X	X	X	X	X	X	X			X	
CO1				X	X	X	X					
ID2							X					
IL1			X	X	X	X	X	X			X	
IL2			X	X	X	X	X				X	X
IL3			X	X		X					X	X
KS1			X	X	X			X			X	X
KS2				X	X	X					X	
MO1			X		X	X	X				X	X
MO2				X							X	
MS1		X	X	X	X	X	X	X				
NE1			X	X	X	X	X				X	X
OH2			X	X			X					X
OK1			X	X	X	X	X	X			X	X
TX1	X	X	X	X		X	X	X	X	X	X	X
TX2			X				X				X	
TX3			X		X		X				X	
UB1			X	X	X	X	X				X	
VA6												X
WA4		X	X	X	X	X	X	X	X		X	X

TABLE B. (continued) LOCATIONS AND DATA COLLECTED IN 1992

LOCATION	LEAF TEXTURE RATING	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL
AZ1					X	X	X		X	
CA1		X	X	X	X	X			X	
CA3		X								
CO1	X		X		X	X				
ID2						X		X		
IL1							X			
IL2	X				X	X	X		X	
IL3	X	X	X		X	X				X
KS1										
KS2			X							
MO1		X			X	X	X			
MO2			X			X				
MS1					X		X			
NE1		X				X				X
OH2			X					X	X	
OK1	X		X	X					X	
TX1			X		X	X	X		X	
TX2	X			X	X					
TX3										
UB1						X				X
VA6					X	X	X			
WA4		X	X	X	X	X	X		X	

TABLE B. (continued) LOCATIONS AND DATA COLLECTED IN 1992

LOCATION	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	LEAF SPOT	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	ERIOPHYID MITE	VERTICAL GROWTH RATINGS	SEEDHEAD RATINGS SPRING	SEEDHEAD RATINGS SUMMER
AZ1										
CA1										
CA3									X	X
CO1				X	X		X			
ID2										
IL1										
IL2										
IL3	X	X								
KS1										
KS2										
MO1										
MO2										
MS1										X
NE1				X	X	X				
OH2										
OK1					X					
TX1										
TX2										
TX3										
UB1			X		X	X		X		
VA6										
WA4		X								X

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS AT TWENTY-ONE LOCATIONS IN THE UNITED STATES 1992 DATA

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

NAME	AZ1	CA1	CA3	CO1	ID2	IL1	IL2	IL3	KS1	KS2	MO1	MO2	MS1	NE1	OH2	OK1	TX1	TX2	TX3	UB1	WA4	MEAN
* 315 (NE 84-315)	5.9	5.3	5.7	5.8	3.3	4.9	5.7	7.4	5.8	7.1	8.3	8.7	4.5	6.9	5.8	7.2	4.5	7.3	5.2	6.1	4.9	6.0
* NE 84-378	5.3	5.0	5.4	6.7	3.7	4.2	6.9	6.1	5.5	7.8	7.3	8.0	5.8	6.5	3.9	6.8	4.8	6.5	5.4	6.9	4.8	5.9
AZ 143	5.5	5.2	5.8	7.6	1.0	4.4	6.5	6.7	5.5	6.8	7.8	7.7	5.0	6.6	5.2	6.9	4.5	6.8	5.6	6.9	4.8	5.8
* BUFFALAWN	6.6	7.1	6.2	8.2	5.3	2.2	7.3	4.7	5.7	7.7	6.8	6.7	6.5	5.5	4.1	6.4	4.9	5.5	5.4	5.8	4.0	5.8
NE 84-436	5.7	5.3	5.3	7.5	2.0	4.0	6.8	6.4	5.6	7.0	7.4	8.0	4.9	5.7	4.8	6.8	4.9	6.5	4.7	6.4	4.7	5.7
NTDG-5	5.7	5.3	5.3	6.4	3.7	5.1	6.5	6.0	5.9	7.2	7.2	5.7	4.8	6.3	4.9	6.1	4.9	6.5	4.8	6.0	5.6	5.7
NTDG-3	5.8	5.3	5.2	6.7	1.7	4.6	6.9	5.9	5.3	7.2	7.8	5.3	4.4	6.5	5.3	6.6	4.9	5.8	4.8	6.2	5.4	5.6
NTDG-1	5.5	5.6	5.0	6.8	1.7	4.8	6.7	6.6	5.9	7.6	7.4	6.3	4.7	5.7	5.1	6.3	4.5	5.7	4.7	5.9	4.6	5.6
NTDG-2	6.2	5.2	5.5	6.9	2.0	4.4	6.9	6.6	5.6	7.1	7.3	5.3	4.2	6.3	5.0	6.9	4.4	5.3	4.6	5.9	4.5	5.5
NTDG-4	5.7	5.3	5.1	6.2	1.0	4.4	6.5	6.1	5.2	7.6	7.5	6.0	5.4	5.8	4.8	6.3	4.3	5.7	4.8	6.0	5.5	5.5
HIGHLIGHT 4	6.1	6.1	6.2	7.3	3.7	1.7	7.1	4.3	5.8	7.0	6.8	7.3	5.3	3.2	2.9	6.8	5.1	5.2	3.9	6.0	4.8	5.4
* 609 (NE 84-609)	6.3	6.0	5.4	4.3	1.0	4.4	6.7	5.3	4.9	7.7	6.8	6.7	5.1	3.1	3.8	6.6	5.5	6.2	3.8	6.0	5.5	5.3
* SHARPS IMPROVED	5.9	5.6	4.9	6.3	2.0	4.2	7.2	6.2	5.1	7.3	7.5	5.0	5.0	5.3	4.2	6.3	4.7	4.3	4.0	5.0	4.8	5.3
* TOP GUN (BAM 101)	5.8	5.7	5.1	6.1	1.0	4.6	6.9	4.6	5.6	7.3	7.5	5.7	5.2	6.1	4.4	6.2	4.6	4.3	4.1	5.5	4.1	5.3
NE 84-45-3	5.5	4.6	5.0	6.3	2.7	2.9	6.9	6.2	4.8	6.0	5.8	6.3	5.3	6.2	4.1	6.4	4.3	6.0	4.3	5.9	3.5	5.2
RUTGERS	6.4	6.4	6.2	7.3	1.7	2.9	7.0	4.1	5.5	7.2	6.4	5.7	5.7	2.3	3.0	6.0	5.0	4.8	5.1	4.2	5.9	5.2
HIGHLIGHT 15	6.3	6.6	5.9	8.1	.	2.1	7.5	1.7	5.2	7.1	6.3	5.7	5.7	2.8	2.9	6.7	4.8	4.5	3.7	4.1	5.5	5.2
* PRAIRIE	6.2	6.1	5.6	.	1.3	3.8	7.4	4.2	5.3	6.6	5.7	6.7	4.0	4.5	5.0	6.7	5.2	4.7	3.1	6.1	4.9	5.1
HIGHLIGHT 25	6.3	7.1	6.2	7.4	3.3	1.8	7.3	3.6	5.6	7.0	4.6	6.7	5.9	3.0	1.9	6.6	4.9	4.3	4.8	5.4	4.0	5.1
* PLAINS (BAM 202)	5.6	5.5	4.9	6.8	2.0	3.9	6.7	6.1	4.7	6.3	7.8	4.0	4.4	5.1	5.3	5.6	4.6	4.3	3.9	4.8	4.9	5.1
* BISON	6.0	5.7	4.9	6.5	1.3	3.4	6.7	5.9	4.8	6.7	7.8	4.0	4.3	5.6	4.1	6.2	4.6	4.3	3.9	5.3	5.0	5.1
* TEXOKA	4.9	5.6	4.6	6.0	2.0	3.2	7.0	5.9	5.3	6.4	7.6	1.0	4.7	5.9	3.8	5.8	3.9	6.0	3.9	5.7	5.3	5.0
LSD VALUE	0.6	0.7	0.4	1.1	1.8	0.8	1.0	1.4	0.7	0.7	1.3	1.8	1.1	0.7	2.1	0.7	0.6	1.0	1.0	1.0	1.3	0.2

* COMMERCIALLY AVAILABLE IN THE UNITED STATES IN 1993

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 BUFFALOGRASS CULTIVARS FOR EACH MONTH GROWN AT TWENTY-ONE LOCATIONS IN THE UNITED STATES 1992 DATA

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

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
315 (NE 84-315)	2.7	5.4	6.0	6.6	6.2	6.3	5.7	4.3	4.3	3.0	6.0
NE 84-378	3.3	5.5	5.5	6.0	6.1	6.7	5.9	4.3	4.2	3.3	5.9
AZ 143	3.0	5.1	5.4	6.2	6.2	6.7	5.9	4.4	4.1	3.0	5.9
BUFFALAWN	2.7	5.5	4.9	5.9	6.1	6.4	6.3	5.4	5.3	4.0	5.8
NE 84-436	4.0	5.1	5.5	5.9	6.0	6.6	5.7	4.6	4.4	3.3	5.8
NTDG-5	3.3	5.2	5.4	6.0	5.9	6.6	5.8	4.7	4.3	3.3	5.7
NTDG-3	3.3	4.7	5.3	6.1	5.8	6.5	5.8	4.7	4.6	3.3	5.6
NTDG-1	3.0	4.7	5.3	6.1	5.8	6.3	5.5	4.7	4.2	3.0	5.6
NTDG-2	2.7	4.9	5.4	5.9	5.7	6.5	5.5	4.6	4.8	3.0	5.5
NTDG-4	2.7	5.3	5.2	5.7	5.8	6.3	5.6	5.0	4.6	3.3	5.5
HIGHLIGHT 4	2.0	5.3	4.5	5.3	5.8	5.9	5.8	5.3	5.3	4.0	5.4
609 (NE 84-609)	3.3	5.0	4.0	5.1	5.5	6.3	6.0	5.9	5.6	4.0	5.3
SHARPS IMPROVED	3.3	4.9	4.9	5.4	5.5	6.4	5.5	5.0	4.6	3.7	5.3
TOP GUN (BAM 101)	2.7	5.0	4.8	5.4	5.8	6.3	5.4	4.8	4.8	3.3	5.3
NE 84-45-3	2.7	4.7	4.7	5.6	5.4	6.0	5.3	4.2	4.1	3.3	5.2
PRAIRIE	3.0	5.1	4.1	5.4	5.5	6.1	5.8	5.3	5.2	4.0	5.2
HIGHLIGHT 25	2.3	5.1	4.5	5.0	5.7	6.0	5.6	5.2	5.4	4.0	5.1
RUTGERS	2.3	5.4	4.5	5.4	5.9	6.0	5.6	5.4	5.7	4.0	5.1
BISON	2.7	4.8	4.6	5.4	5.3	6.1	5.4	5.0	4.8	3.3	5.1
HIGHLIGHT 15	2.0	5.1	4.4	5.0	5.6	5.8	5.7	5.5	5.7	4.0	5.1
PLAINS (BAM 202)	2.3	4.7	4.5	5.4	5.3	6.2	5.3	4.7	4.4	3.3	5.1
TEXOKA	2.3	4.3	4.9	4.8	5.5	6.0	5.3	4.6	4.1	3.0	5.0
LSD VALUE	1.2	1.2	0.6	0.6	0.6	0.6	0.6	0.9	0.9	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 3. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS AT TWENTY-ONE LOCATIONS IN THE UNITED STATES 1/
1992 DATA

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

NAME	AZ1	CA1	CA3	CO1	ID2	IL1	IL2	IL3	KS1	KS2	MO1	MO2	MS1	NE1	OH2	OK1	TX1	TX2	TX3	UB1	WA4	MEAN
315 (NE 84-315)	11.0	17.5	7.0	20.0	5.5	2.0	22.0	1.0	3.5	12.0	1.0	1.0	17.0	1.0	1.0	1.0	18	1.0	4.0	6.0	10.5	1
NE 84-378	21.0	21.0	10.5	11.5	3.0	11.0	12.0	9.0	11.0	1.0	13.0	2.5	3.0	3.5	16.0	6.0	11	4.0	2.0	1.0	12.5	2
AZ 143	18.0	19.0	6.0	3.0	19.5	9.0	20.5	2.0	11.0	17.0	4.0	4.0	12.0	2.0	4.0	3.0	16	2.0	1.0	2.0	12.5	3
BUFFALAWN	1.0	2.0	1.5	1.0	1.0	19.0	4.0	16.0	5.0	2.5	15.5	7.5	1.0	14.0	14.0	12.5	6	12.0	3.0	14.0	21.0	4
NE 84-436	15.0	14.5	12.5	4.0	10.0	12.0	14.0	5.0	7.5	15.0	10.5	2.5	13.0	11.0	9.5	4.5	6	4.0	10.5	3.0	16.0	5
NTDG-5	15.0	16.0	12.5	14.0	3.0	1.0	20.5	11.0	1.5	9.5	14.0	14.5	14.0	5.0	8.0	19.0	9	4.0	6.5	7.0	2.0	6
NTDG-3	12.0	17.5	14.0	11.5	14.0	4.5	12.0	12.0	13.0	9.5	2.0	17.5	19.0	3.5	2.5	9.5	8	9.0	8.5	4.0	6.0	7
NTDG-1	19.5	11.5	17.0	9.0	14.0	3.0	15.0	3.5	1.5	4.5	10.5	10.5	16.0	12.0	5.0	14.5	17	10.5	10.5	11.5	17.0	8
NTDG-2	6.0	20.0	9.0	8.0	10.0	7.0	12.0	3.5	7.5	12.0	12.0	17.5	21.0	6.0	6.5	2.0	19	13.0	12.0	13.0	18.0	9
NTDG-4	15.0	14.5	15.0	17.0	19.5	7.0	19.0	9.0	16.5	4.5	8.0	12.0	6.0	10.0	9.5	14.5	20	10.5	6.5	10.0	4.0	10
HIGHLIGHT 4	8.0	5.5	3.5	6.0	3.0	22.0	6.0	18.0	3.5	15.0	17.0	5.0	7.5	18.0	20.0	4.5	3	14.0	18.0	9.0	14.5	11
609 (NE 84-609)	3.5	7.0	10.5	21.0	19.5	7.0	17.0	15.0	19.0	2.5	15.5	7.5	10.0	19.0	18.0	9.5	1	6.0	20.0	8.0	3.0	12
SHARPS IMPROVED	10.0	11.5	20.0	15.5	10.0	10.0	5.0	6.5	18.0	6.5	8.0	19.0	11.0	15.0	12.0	16.0	12	21.5	15.0	19.0	14.5	13
TOP GUN (BAM 101)	13.0	8.5	16.0	18.0	19.5	4.5	9.5	17.0	7.5	6.5	8.0	14.5	9.0	8.0	11.0	18.0	13	19.0	14.0	16.0	19.0	14
NE 84-45-3	19.5	22.0	18.0	15.5	7.0	17.5	9.5	6.5	20.5	22.0	20.0	10.5	7.5	7.0	14.0	12.5	21	7.5	13.0	11.5	22.0	15
RUTGERS	2.0	4.0	1.5	7.0	14.0	17.5	7.5	20.0	11.0	8.0	18.0	14.5	5.0	22.0	19.0	20.0	4	15.0	5.0	21.0	1.0	16
HIGHLIGHT 15	5.0	3.0	5.0	2.0	.	20.0	1.0	22.0	16.5	12.0	19.0	14.5	4.0	21.0	21.0	8.0	10	17.0	21.0	22.0	5.0	17
PRAIRIE	7.0	5.5	8.0	.	16.5	14.0	2.0	19.0	14.5	19.0	21.0	7.5	22.0	17.0	6.5	7.0	2	16.0	22.0	5.0	9.0	18
HIGHLIGHT 25	3.5	1.0	3.5	5.0	5.5	21.0	3.0	21.0	7.5	15.0	22.0	7.5	2.0	20.0	22.0	11.0	6	19.0	8.5	17.0	20.0	19
PLAINS (BAM 202)	17.0	13.0	19.0	10.0	10.0	13.0	17.0	9.0	22.0	21.0	4.0	20.5	18.0	16.0	2.5	22.0	15	19.0	18.0	20.0	10.5	20
BISON	9.0	8.5	21.0	13.0	16.5	15.0	17.0	13.5	20.5	18.0	4.0	20.5	20.0	13.0	14.0	17.0	14	21.5	16.0	18.0	8.0	21
TEXOKA	22.0	10.0	22.0	19.0	10.0	16.0	7.5	13.5	14.5	20.0	6.0	22.0	15.0	9.0	17.0	21.0	22	7.5	18.0	15.0	7.0	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 4. GENETIC COLOR RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	CA3	IL1	IL2	IL3	KS1	KS2	MO1	MO2	NE1	OK1	TX1	TX2	TX3	UB1	WA4	MEAN
NE 84-378	7.7	4.7	7.7	6.0	7.7	8.3	5.7	1.0	7.0	8.7	7.7	7.0	7.3	7.3	4.3	6.5
609 (NE 84-609)	6.3	5.0	6.7	5.0	4.0	9.0	7.7	7.3	6.0	7.7	7.7	4.7	6.0	7.0	6.7	6.4
PLAINS (BAM 202)	7.3	4.0	7.0	5.7	6.7	7.3	9.0	3.3	7.0	8.0	7.0	5.3	7.0	6.3	5.7	6.4
NTDG-4	7.3	4.0	8.0	6.0	6.7	8.0	6.3	4.3	6.7	8.0	6.7	6.3	6.3	6.3	5.7	6.4
NTDG-2	7.7	4.0	7.0	6.0	7.7	8.0	5.0	3.7	6.7	8.7	6.7	6.3	7.3	6.3	4.7	6.4
315 (NE 84-315)	8.0	4.0	7.0	5.7	7.0	8.0	6.0	1.7	6.7	8.3	6.3	7.0	7.0	7.3	5.3	6.4
NTDG-3	8.0	4.0	7.7	5.7	7.0	7.7	6.0	2.7	6.3	8.7	7.0	6.0	6.3	6.0	6.0	6.3
NTDG-5	7.0	4.0	7.3	5.7	7.3	7.3	5.3	2.0	6.7	8.0	7.0	6.7	6.7	6.7	7.0	6.3
BISON	7.7	4.3	6.7	5.7	6.7	7.3	7.0	2.7	7.3	8.7	7.0	4.5	7.0	7.0	4.3	6.3
TEXOKA	7.0	4.0	8.0	5.3	6.3	6.3	8.5	3.0	5.7	8.0	6.0	7.0	6.0	6.0	5.3	6.2
NTDG-1	8.0	4.3	7.3	4.3	7.3	7.7	5.5	1.7	6.7	8.3	6.3	6.7	7.0	6.3	4.7	6.1
SHARPS IMPROVED	7.3	4.0	7.0	5.0	6.3	7.7	6.3	4.3	6.0	8.3	6.0	6.0	6.7	6.0	5.0	6.1
AZ 143	7.0	4.0	7.0	6.0	6.0	6.7	6.3	1.0	6.7	8.0	7.0	6.7	7.0	6.7	4.7	6.0
NE 84-436	7.0	3.7	7.0	5.3	6.7	7.0	6.0	1.3	5.7	8.0	7.3	7.0	7.0	6.7	5.0	6.0
PRAIRIE	6.0	4.7	7.3	5.0	4.7	5.7	7.5	7.3	6.0	8.3	7.0	3.7	5.7	6.0	5.0	6.0
RUTGERS	7.0	5.0	6.7	4.7	5.7	6.3	8.0	5.3	6.0	7.7	5.0	5.3	5.0	4.7	6.7	5.9
HIGHLIGHT 4	7.0	2.3	7.3	4.0	6.3	6.7	7.3	7.0	6.0	8.0	6.0	5.3	5.3	5.3	4.7	5.9
TOP GUN (BAM 101)	7.0	4.0	7.3	5.3	6.0	7.3	7.0	2.7	6.0	7.7	7.0	4.7	6.7	6.0	3.0	5.8
HIGHLIGHT 15	6.7	4.7	7.7	3.3	6.0	5.7	7.0	5.7	6.0	8.3	5.3	5.0	5.3	5.0	6.0	5.8
BUFFALAWN	6.7	3.3	7.3	4.3	5.7	6.7	8.0	7.0	6.0	7.7	5.3	4.5	6.0	5.3	3.3	5.8
NE 84-45-3	7.0	3.7	8.0	5.3	5.3	6.3	5.0	1.3	6.0	8.7	6.0	6.0	7.0	6.7	4.3	5.8
HIGHLIGHT 25	6.7	3.3	7.0	4.0	5.7	5.3	6.0	5.3	5.0	7.3	5.0	4.0	5.0	4.0	4.3	5.2
LSD VALUE	0.6	1.4	1.3	1.4	1.4	1.1	1.2	1.5	0.8	0.8	0.9	1.4	0.6	1.1	2.8	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 5. SPRING GREENUP RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	IL2	IL3	KS1	MO1	NE1	OH2	OK1	TX1	VA6	WA4	MEAN
315 (NE 84-315)	6.7	7.7	5.0	7.7	8.0	5.3	7.7	7.7	5.0	6.7	6.7
NE 84-436	7.0	5.7	4.3	7.0	8.0	4.0	6.7	8.3	3.3	6.0	6.0
NTDG-3	6.3	5.7	4.3	7.3	8.7	4.7	7.7	8.0	3.0	4.0	6.0
NTDG-1	7.0	5.0	4.3	7.7	6.7	5.0	7.3	8.0	2.0	4.0	5.7
NTDG-2	6.0	6.3	4.3	7.3	7.7	4.0	7.3	7.7	2.0	4.3	5.7
NE 84-378	4.7	5.7	4.3	7.7	7.0	3.7	7.3	8.0	4.5	4.0	5.7
SHARPS IMPROVED	6.7	4.7	4.3	6.3	8.7	3.3	7.7	8.3	2.0	4.7	5.7
NTDG-4	7.0	5.7	3.7	6.7	6.3	4.0	7.3	8.0	3.3	4.3	5.6
AZ 143	6.3	4.3	4.0	6.7	5.7	5.0	6.3	8.3	5.0	4.7	5.6
NTDG-5	7.0	4.3	4.0	7.0	7.3	4.0	7.0	8.0	2.0	3.3	5.4
TEXOKA	5.7	4.3	4.7	6.0	8.7	3.7	7.3	7.7	1.0	4.3	5.3
BISON	6.7	5.0	3.7	6.0	7.0	3.0	7.7	8.0	2.0	3.7	5.3
PLAINS (BAM 202)	6.0	4.3	4.3	5.7	6.7	4.7	7.3	8.0	2.3	3.0	5.2
NE 84-45-3	5.7	5.3	4.3	4.0	8.0	4.0	7.0	7.7	3.0	3.0	5.2
TOP GUN (BAM 101)	6.7	2.7	3.3	7.0	6.3	4.0	7.0	8.0	2.0	2.3	4.9
PRAIRIE	6.7	2.3	3.7	3.7	4.3	3.0	5.3	8.0	1.0	3.3	4.1
RUTGERS	7.7	2.3	1.7	4.7	4.0	1.7	5.3	8.3	1.0	3.0	4.0
HIGHLIGHT 4	6.0	3.7	1.3	5.0	4.0	1.7	7.0	7.7	1.0	1.3	3.9
HIGHLIGHT 25	6.3	1.7	2.3	5.0	4.0	1.7	6.0	8.0	1.0	2.7	3.9
BUFFALAWN	7.0	1.7	2.0	4.7	4.7	2.3	5.7	7.7	1.0	1.0	3.8
609 (NE 84-609)	4.0	1.7	3.3	4.7	4.0	3.0	3.0	8.3	2.0	3.3	3.7
HIGHLIGHT 15	6.0	1.0	2.3	4.7	4.0	1.3	5.0	8.0	1.0	2.7	3.6
LSD VALUE	2.1	1.7	1.1	1.4	1.7	2.2	1.5	0.9	2.1	2.4	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 6. LEAF TEXTURE RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 1/					
NAME	CO1	IL2	IL3	OK1	TX2	MEAN
RUTGERS	9.0	7.3	6.0	8.0	7.0	7.5
BUFFALAWN	9.0	8.3	5.3	8.0	6.5	7.4
HIGHLIGHT 4	9.0	8.0	5.7	7.7	6.0	7.3
NE 84-378	8.3	7.7	6.0	7.3	7.0	7.3
NE 84-45-3	7.7	7.3	6.0	7.7	7.3	7.2
315 (NE 84-315)	7.7	8.0	6.0	7.0	7.0	7.1
HIGHLIGHT 25	9.0	7.0	5.7	8.0	6.0	7.1
609 (NE 84-609)	7.3	6.7	6.0	8.0	7.0	7.0
AZ 143	7.3	7.0	6.0	7.3	7.3	7.0
HIGHLIGHT 15	8.7	7.3	5.3	7.7	6.0	7.0
NE 84-436	8.3	7.0	6.0	7.0	6.5	7.0
NTDG-5	7.3	7.7	6.0	7.0	6.7	6.9
TEXOKA	7.7	7.3	6.0	7.0	6.5	6.9
TOP GUN (BAM 101)	7.7	7.7	5.7	7.3	5.7	6.8
NTDG-3	7.0	8.0	6.0	7.0	6.0	6.8
NTDG-2	7.7	7.0	6.0	7.0	6.0	6.7
NTDG-1	7.3	7.0	5.7	7.0	6.0	6.6
PRAIRIE	.	7.0	5.7	7.7	6.0	6.6
NTDG-4	7.0	7.3	5.7	6.7	6.0	6.5
BISON	6.7	7.3	6.0	7.0	5.5	6.5
PLAINS (BAM 202)	6.0	7.7	6.0	7.0	5.7	6.5
SHARPS IMPROVED	6.7	7.0	5.7	7.0	6.0	6.5
LSD VALUE	1.2	1.3	0.8	0.6	0.7	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 7. SPRING DENSITY RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	CA1	CA3	IL3	MO1	NE1	WA4	MEAN
315 (NE 84-315)	6.0	7.3	8.3	8.0	7.7	5.3	7.1
BUFFALAWN	8.0	9.0	5.3	5.3	9.0	5.0	6.9
NTDG-2	6.0	7.0	8.0	6.7	7.3	6.7	6.9
BISON	5.7	6.0	6.7	6.0	8.3	8.7	6.9
NE 84-378	6.0	6.3	7.0	7.0	7.0	7.3	6.8
HIGHLIGHT 4	7.0	8.7	5.0	5.3	7.7	6.7	6.7
TOP GUN (BAM 101)	6.0	6.3	5.3	7.0	8.3	7.0	6.7
NE 84-436	5.7	7.0	7.3	6.7	8.7	4.0	6.6
NTDG-1	6.0	6.7	7.3	6.7	7.7	5.0	6.6
PRAIRIE	7.0	8.3	4.0	6.7	7.0	6.3	6.6
SHARPS IMPROVED	5.7	6.3	5.7	5.3	8.0	8.3	6.6
NTDG-3	5.7	7.3	7.7	7.0	8.3	3.0	6.5
AZ 143	6.0	7.3	7.3	7.0	7.7	3.0	6.4
RUTGERS	7.0	9.0	5.0	5.7	5.0	6.3	6.3
HIGHLIGHT 25	8.0	9.0	3.7	5.7	8.0	3.0	6.2
NTDG-5	5.7	7.7	6.7	7.3	7.3	2.7	6.2
NE 84-45-3	5.0	6.3	7.3	8.0	6.0	4.3	6.2
NTDG-4	5.7	6.3	7.0	6.0	6.7	5.0	6.1
PLAINS (BAM 202)	5.7	6.0	5.7	5.7	8.0	3.7	5.8
609 (NE 84-609)	6.7	6.7	5.0	6.0	6.7	2.7	5.6
HIGHLIGHT 15	6.3	8.3	3.0	4.7	7.0	3.7	5.5
TEXOKA	5.7	3.0	7.0	5.7	8.0	3.0	5.4
LSD VALUE	1.1	1.4	2.9	1.8	1.7	4.0	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 8. SUMMER DENSITY RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	CA1	CO1	IL3	KS2	MO2	OH2	OK1	TX1	WA4	MEAN
315 (NE 84-315)	6.3	9.0	9.0	9.0	8.3	6.3	6.7	5.0	7.0	7.4
AZ 143	6.7	8.0	8.7	8.7	7.3	6.3	8.0	5.7	5.7	7.2
NE 84-378	6.3	9.0	8.7	8.0	8.0	4.7	6.3	6.0	8.0	7.2
NTDG-4	5.7	7.3	8.3	9.0	6.3	6.0	6.7	6.3	9.0	7.2
BUFFALAWN	7.7	8.7	7.7	7.0	7.0	4.3	6.7	6.0	7.7	7.0
NTDG-2	6.0	6.7	7.7	8.0	6.0	5.3	7.7	6.3	8.7	6.9
NTDG-1	6.0	6.7	7.7	8.0	6.7	6.0	6.7	6.0	8.7	6.9
PRAIRIE	7.0	.	7.7	7.3	6.0	4.7	7.7	6.0	8.7	6.9
NE 84-436	6.3	7.0	8.0	8.0	7.7	5.0	7.0	6.0	6.7	6.9
HIGHLIGHT 4	6.3	8.7	7.7	6.3	7.0	3.0	7.3	5.7	8.7	6.7
NTDG-3	5.7	7.7	7.7	8.0	5.7	6.3	7.0	5.7	7.0	6.7
RUTGERS	6.7	9.0	7.3	7.3	6.7	2.7	6.3	5.7	9.0	6.7
NE 84-45-3	5.7	7.7	8.0	8.0	7.3	5.0	7.0	5.3	5.7	6.6
NTDG-5	6.0	7.0	8.3	8.3	5.0	5.3	6.0	6.0	7.7	6.6
609 (NE 84-609)	6.3	5.0	8.3	8.7	6.7	3.7	5.0	6.3	8.7	6.5
TOP GUN (BAM 101)	6.3	7.3	6.3	7.7	5.7	4.7	6.0	5.3	8.3	6.4
BISON	6.3	7.0	7.7	7.0	3.0	4.7	6.0	5.3	9.0	6.2
SHARPS IMPROVED	6.0	7.0	7.3	6.7	4.3	3.7	5.7	5.3	9.0	6.1
PLAINS (BAM 202)	6.3	6.0	8.3	6.7	3.7	5.7	5.3	4.7	7.3	6.0
HIGHLIGHT 25	6.7	9.0	4.3	5.7	6.3	1.7	7.7	5.7	7.0	6.0
TEXOKA	6.0	6.3	7.7	7.7	1.0	4.3	5.3	5.0	8.7	5.8
HIGHLIGHT 15	6.3	9.0	2.7	6.3	5.0	3.0	7.0	5.3	5.7	5.6
LSD VALUE	1.5	1.2	1.7	1.0	1.7	2.2	1.4	0.8	2.3	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 9. FALL DENSITY RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	CA1	OK1	TX2	WA4	MEAN
609 (NE 84-609)	6.3	7.7	7.3	9.0	7.6
PRAIRIE	6.3	8.0	5.7	9.0	7.3
NE 84-378	5.7	8.3	6.7	8.0	7.2
BUFFALAWN	7.3	7.3	6.0	8.0	7.2
TEXOKA	6.0	7.3	6.5	8.7	7.1
NTDG-3	5.7	8.0	6.7	8.0	7.1
315 (NE 84-315)	6.0	8.3	6.7	7.3	7.1
NTDG-4	6.3	7.7	5.3	9.0	7.1
RUTGERS	7.0	7.3	5.3	8.7	7.1
HIGHLIGHT 25	7.7	8.0	4.7	7.7	7.0
NE 84-436	6.0	8.3	7.0	6.7	7.0
TOP GUN (BAM 101)	6.0	7.7	5.7	8.3	6.9
NTDG-2	5.0	8.3	5.3	9.0	6.9
NTDG-5	5.7	7.3	6.7	8.0	6.9
BISON	6.0	7.0	6.0	8.7	6.9
AZ 143	6.0	8.0	7.0	6.3	6.8
HIGHLIGHT 4	6.3	7.7	4.7	8.3	6.8
NTDG-1	5.3	7.3	5.3	9.0	6.8
SHARPS IMPROVED	6.0	7.0	5.0	9.0	6.8
NE 84-45-3	5.3	8.0	6.7	6.7	6.7
PLAINS (BAM 202)	6.0	6.7	5.3	8.3	6.6
HIGHLIGHT 15	6.7	7.3	4.7	6.7	6.3
LSD VALUE	1.4	1.0	1.2	2.2	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 10. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	AZ1	CA1	CO1	IL2	IL3	MO1	MS1	TX1	TX2	VA6	WA4	MEAN
AZ 143	73.3	99.0	59.7	21.7	96.3	90.0	91.3	38.3	83.3	75.0	35.0	69.4
NTDG-2	80.0	98.3	64.0	16.7	95.0	86.7	84.7	31.7	70.0	33.3	50.0	64.6
NTDG-1	73.3	99.0	51.3	13.7	91.7	90.0	88.3	33.3	76.7	30.0	40.0	62.5
NTDG-5	70.0	99.0	45.7	16.7	91.3	91.7	94.7	31.7	80.0	21.7	28.3	61.0
PRAIRIE	90.0	99.0	.	3.3	78.3	65.0	81.7	36.7	90.0	10.0	53.3	60.7
315 (NE 84-315)	76.7	98.3	34.7	12.0	96.3	89.7	78.3	33.3	70.0	33.3	43.3	60.5
NE 84-436	73.3	99.0	52.0	10.0	95.0	81.7	89.7	35.0	50.0	43.3	36.7	60.5
PLAINS (BAM 202)	66.7	98.3	68.3	20.3	93.3	76.7	85.0	23.3	80.0	23.3	28.3	60.3
NTDG-4	70.0	95.7	42.3	19.7	89.7	78.3	93.0	30.0	66.7	33.3	43.3	60.2
TOP GUN (BAM 101)	76.7	99.0	38.0	11.3	86.7	85.0	90.0	28.3	60.0	26.7	55.0	59.7
BISON	73.3	98.3	38.0	26.0	89.7	73.3	85.0	26.7	43.3	28.3	73.3	59.6
HIGHLIGHT 4	80.0	99.0	15.0	19.0	61.7	76.7	80.0	23.3	76.7	31.7	90.0	59.4
NE 84-378	66.7	97.7	25.7	8.3	91.7	78.3	91.3	35.0	70.0	35.0	46.7	58.8
NTDG-3	80.0	97.0	44.0	5.0	93.3	85.0	73.3	31.7	80.0	21.7	35.0	58.7
SHARPS IMPROVED	73.3	97.3	38.3	21.0	93.3	85.0	94.7	26.7	13.3	25.0	63.3	57.4
BUFFALAWN	93.0	99.0	15.0	26.0	58.3	86.7	99.0	23.3	50.0	13.3	63.3	57.0
RUTGERS	86.7	99.0	8.3	17.3	46.7	83.3	90.0	21.7	76.7	6.7	68.3	55.0
NE 84-45-3	63.3	88.0	51.7	12.0	94.7	75.0	89.7	30.0	50.0	16.7	30.0	54.6
609 (NE 84-609)	86.7	99.0	15.0	5.3	43.3	43.3	99.0	38.3	90.0	30.0	48.3	54.4
HIGHLIGHT 15	90.0	99.0	18.3	31.7	30.0	60.0	83.3	20.0	80.0	20.0	38.3	51.9
HIGHLIGHT 25	90.0	99.0	8.3	13.0	55.0	26.7	80.0	23.3	86.7	15.0	28.3	47.8
TEXOKA	53.3	95.3	30.7	14.7	91.3	63.3	70.0	25.0	36.7	5.0	36.7	47.5
LSD VALUE	13.1	4.6	25.0	6.5	29.3	21.9	13.5	7.1	33.8	16.8	41.2	6.8

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 11. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	AZ1	CA1	CO1	ID2	IL2	IL3	MO1	MO2	NE1	TX1	UB1	VA6	WA4	MEAN
AZ 143	86.7	99	91.7	4.3	70.0	97.3	73.3	99.0	43.3	88.7	86.7	65.0	24.0	71.5
315 (NE 84-315)	90.0	99	68.3	12.3	35.0	91.0	87.5	99.0	50.0	94.7	88.3	25.0	61.7	69.4
NTDG-4	90.0	99	75.0	5.0	66.7	94.7	73.3	94.7	26.7	83.3	76.7	38.3	75.0	69.1
BUFFALAWN	99.0	99	61.7	50.0	73.3	85.7	76.7	99.0	30.0	80.0	96.3	21.7	24.0	68.9
BISON	93.0	99	70.7	4.0	58.3	92.7	68.3	90.0	43.3	86.0	86.7	33.3	68.0	68.7
NTDG-1	89.7	99	85.0	3.0	53.3	94.3	82.5	96.3	40.0	98.0	70.0	23.3	54.0	68.3
NTDG-5	93.0	99	85.0	16.7	58.3	93.3	85.0	75.0	33.3	98.7	76.7	15.0	54.7	68.0
NE 84-436	93.0	99	88.3	5.7	37.3	92.7	60.0	99.0	53.3	98.3	81.7	51.7	17.0	67.5
TOP GUN (BAM 101)	86.7	99	54.7	9.0	50.0	85.0	81.7	93.0	40.0	89.3	68.3	28.3	76.7	66.3
NTDG-2	96.0	99	88.3	1.7	61.7	93.3	61.7	58.3	40.0	96.0	61.7	30.0	63.3	65.5
HIGHLIGHT 4	92.7	99	35.0	21.7	65.0	93.3	81.7	99.0	10.0	84.0	93.0	45.0	31.3	65.4
RUTGERS	99.0	99	38.0	6.7	66.7	86.7	75.0	99.0	6.7	94.3	96.0	15.0	67.3	65.3
NTDG-3	96.0	99	78.3	2.7	31.7	93.3	85.0	99.0	40.0	98.3	53.3	33.3	30.7	64.7
HIGHLIGHT 15	96.0	99	61.7	.	93.3	68.3	53.3	86.3	10.0	68.3	88.0	16.7	25.3	63.9
SHARPS IMPROVED	93.0	99	59.7	9.3	50.0	93.3	81.7	30.0	40.0	87.7	68.3	28.3	63.0	61.8
PLAINS (BAM 202)	86.7	99	91.7	10.0	36.7	93.3	65.0	58.7	33.3	86.7	55.0	26.7	48.0	60.8
NE 84-378	90.0	99	53.0	38.3	27.3	53.3	65.0	99.0	33.3	96.0	68.3	30.0	28.0	60.1
PRAIRIE	99.0	99	.	1.7	23.3	71.7	60.0	99.0	16.7	98.3	78.0	20.0	52.3	59.9
NE 84-45-3	86.3	99	64.0	19.0	35.0	78.0	30.0	97.7	33.3	91.3	80.0	15.0	34.7	58.7
609 (NE 84-609)	99.0	99	26.3	1.0	9.3	88.3	33.3	99.0	10.0	98.7	73.3	41.7	76.7	58.1
HIGHLIGHT 25	99.0	99	15.0	28.3	65.0	67.7	30.0	99.0	6.7	78.3	75.0	26.7	34.7	55.7
TEXOKA	76.7	99	45.7	15.0	46.7	88.3	62.5	1.0	40.0	76.7	48.3	6.7	76.7	52.6
LSD VALUE	9.4	0	34.9	18.3	32.2	29.1	28.9	24.3	13.1	18.9	28.6	22.4	49.9	7.4

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 12. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/								
NAME	AZ1	IL1	IL2	MO1	MS1	TX1	VA6	WA4	MEAN
SHARPS IMPROVED	99.0	89.7	76.3	86.7	97.7	99.0	17.5	93.0	82.4
NTDG-4	99.0	76.7	80.0	70.0	91.3	99.0	35.0	99.0	81.3
NTDG-1	99.0	86.7	73.0	85.0	81.7	99.0	28.3	94.7	80.9
BUFFALAWN	99.0	43.3	92.3	86.7	99.0	97.7	39.2	89.7	80.9
NTDG-2	99.0	70.0	78.0	83.3	73.0	99.0	42.5	96.3	80.1
BISON	99.0	63.3	83.0	88.3	90.0	99.0	22.5	89.7	79.4
AZ 143	99.0	66.7	73.0	80.0	86.7	96.0	60.8	64.7	78.4
NTDG-5	99.0	73.3	82.3	80.0	88.3	99.0	15.8	87.7	78.2
NE 84-436	99.0	63.3	70.0	73.3	83.3	99.0	61.7	73.0	77.8
PLAINS (BAM 202)	99.0	70.0	83.0	86.7	80.0	99.0	21.7	79.7	77.4
TOP GUN (BAM 101)	99.0	76.7	65.0	83.3	83.3	99.0	25.8	83.0	76.9
RUTGERS	99.0	40.0	94.7	80.0	88.3	97.7	13.3	96.0	76.1
HIGHLIGHT 4	99.0	20.0	83.0	88.3	73.3	99.0	54.2	91.3	76.0
HIGHLIGHT 15	99.0	23.3	93.3	76.7	86.7	97.7	37.5	73.0	73.4
PRAIRIE	99.0	73.0	45.0	90.0	78.3	97.7	10.8	92.7	73.3
609 (NE 84-609)	99.0	66.7	30.7	60.0	90.0	99.0	50.0	90.0	73.2
NE 84-378	99.0	70.0	35.0	75.0	88.3	99.0	29.2	86.0	72.7
TEXOKA	96.0	50.0	89.7	85.0	66.7	91.0	1.7	92.7	71.6
NTDG-3	99.0	73.3	51.7	85.0	50.0	99.0	24.2	80.0	70.3
HIGHLIGHT 25	99.0	23.3	86.0	50.0	70.0	96.3	40.8	83.0	68.6
315 (NE 84-315)	99.0	70.0	35.7	80.0	65.0	99.0	21.7	71.7	67.8
NE 84-45-3	99.0	50.0	53.3	45.0	76.7	99.0	14.2	76.7	64.2
LSD VALUE	1.8	20.6	26.4	28.8	19.1	5.4	27.5	27.1	8.9

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 13. FROST TOLERANCE RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

	FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 1/		
NAME	ID2	OH2	MEAN
PLAINS (BAM 202)	2.0	7.7	4.8
NE 84-378	1.0	8.7	4.8
NTDG-5	2.3	7.0	4.7
315 (NE 84-315)	2.0	7.0	4.5
HIGHLIGHT 4	6.0	3.0	4.5
NE 84-45-3	1.0	8.0	4.5
NTDG-2	2.0	7.0	4.5
NE 84-436	1.3	7.3	4.3
NTDG-3	1.7	7.0	4.3
RUTGERS	3.7	5.0	4.3
TOP GUN (BAM 101)	1.0	7.3	4.2
BISON	1.0	7.3	4.2
AZ 143	1.0	7.0	4.0
NTDG-4	1.0	7.0	4.0
SHARPS IMPROVED	1.0	7.0	4.0
NTDG-1	1.0	5.7	3.3
BUFFALAWN	5.3	1.0	3.2
HIGHLIGHT 15	.	3.0	3.0
TEXOKA	1.0	4.3	2.7
HIGHLIGHT 25	3.0	1.0	2.0
PRAIRIE	1.0	3.0	2.0
609 (NE 84-609)	1.0	1.7	1.3
LSD VALUE	2.0	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 14. WINTER COLOR RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	AZ1	CA1	IL2	OH2	OK1	TX1	WA4	MEAN
609 (NE 84-609)	1.0	2.0	6.7	5.3	8.7	6.7	7.3	5.4
HIGHLIGHT 15	2.0	3.0	2.3	5.3	9.0	7.3	6.3	5.0
BUFFALAWN	2.0	3.0	2.3	6.0	7.3	6.3	3.3	4.3
HIGHLIGHT 4	1.7	2.3	2.7	5.3	7.7	7.0	3.3	4.3
HIGHLIGHT 25	2.0	4.0	1.0	6.0	7.0	7.3	2.3	4.2
RUTGERS	1.3	2.0	1.0	4.7	7.7	7.0	5.7	4.2
PRAIRIE	1.0	2.0	2.0	5.7	7.0	7.0	4.3	4.1
BISON	1.0	1.0	6.0	3.0	7.3	5.3	2.0	3.7
PIAINS (BAM 202)	1.0	1.0	6.7	3.0	5.0	5.3	2.3	3.5
NTDG-4	1.0	1.0	3.7	3.0	6.7	4.7	2.7	3.2
SHARPS IMPROVED	1.0	1.0	4.0	3.0	6.7	5.0	1.3	3.1
AZ 143	1.0	1.0	8.7	2.3	3.0	1.7	2.3	2.9
TOP GUN (BAM 101)	1.0	1.0	4.3	3.3	4.7	3.7	1.0	2.7
NTDG-2	1.0	1.0	5.0	3.0	4.3	3.3	1.3	2.7
NTDG-3	1.0	1.0	3.3	3.0	4.0	3.3	3.0	2.7
NE 84-436	1.0	1.0	5.7	3.0	4.3	2.0	1.0	2.6
TEXOKA	1.0	1.0	1.3	3.0	4.0	4.3	3.3	2.6
NTDG-5	1.0	1.0	4.0	3.0	4.0	3.0	1.0	2.4
NTDG-1	1.0	1.0	3.7	2.7	4.3	3.0	1.0	2.4
315 (NE 84-315)	1.0	1.0	3.7	2.7	2.3	3.3	1.0	2.1
NE 84-45-3	1.0	1.0	4.0	2.0	2.7	2.0	1.0	2.0
NE 84-378	1.0	1.0	3.3	2.0	2.3	1.0	1.3	1.7
LSD VALUE	0.3	0.5	1.7	1.1	1.7	2.0	2.6	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 15. PERCENT WINTER KILL RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	IL3	NE1	UB1	MEAN
HIGHLIGHT 15	60.0	83.3	93.0	78.8
609 (NE 84-609)	50.0	90.0	94.7	78.2
RUTGERS	35.0	86.7	96.3	72.7
HIGHLIGHT 4	28.3	83.3	96.3	69.3
HIGHLIGHT 25	21.7	90.0	95.0	68.9
BUFFALAWN	25.0	73.3	85.0	61.1
PRAIRIE	13.3	80.0	83.3	58.9
NE 84-378	8.3	30.0	6.7	15.0
NTDG-4	6.7	30.0	1.7	12.8
TOP GUN (BAM 101)	8.3	23.3	0.0	10.6
BISON	6.7	23.3	0.0	10.0
NTDG-2	5.0	23.3	1.7	10.0
PLAINS (BAM 202)	5.0	23.3	0.0	9.4
NTDG-5	8.3	20.0	0.0	9.4
NE 84-45-3	6.7	20.0	0.0	8.9
NTDG-1	5.0	20.0	1.7	8.9
NE 84-436	5.0	20.0	0.0	8.3
315 (NE 84-315)	5.0	16.7	1.7	7.8
TEXOKA	6.7	16.7	0.0	7.8
AZ 143	5.0	16.7	0.0	7.2
SHARPS IMPROVED	5.0	16.7	0.0	7.2
NTDG-3	6.7	10.0	0.0	5.6
LSD VALUE	22.9	8.4	4.6	8.3

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 16. DROUGHT TOLERANCE (WILTING) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

	DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 1/	
NAME	IL3	MEAN
315 (NE 84-315)	9.0	9.0
609 (NE 84-609)	9.0	9.0
BISON	9.0	9.0
BUFFALAWN	9.0	9.0
HIGHLIGHT 15	9.0	9.0
NE 84-378	9.0	9.0
NE 84-45-3	9.0	9.0
NTDG-3	9.0	9.0
RUTGERS	9.0	9.0
SHARPS IMPROVED	9.0	9.0
AZ 143	8.7	8.7
TOP GUN (BAM 101)	8.7	8.7
PIAINS (BAM 202)	8.7	8.7
HIGHLIGHT 25	8.7	8.7
NTDG-2	8.7	8.7
NTDG-4	8.7	8.7
PRAIRIE	8.7	8.7
HIGHLIGHT 4	8.3	8.3
NTDG-5	8.3	8.3
TEXOKA	8.3	8.3
NTDG-1	8.0	8.0
NE 84-436	7.0	7.0
LSD VALUE	0.9	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 17. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	IL3	WA4	MEAN
609 (NE 84-609)	9.0	7.3	8.2
HIGHLIGHT 15	9.0	7.0	8.0
RUTGERS	9.0	6.7	7.8
TEXOKA	9.0	6.7	7.8
NTDG-3	9.0	6.3	7.7
NTDG-4	9.0	5.7	7.3
HIGHLIGHT 4	8.7	6.0	7.3
NTDG-5	8.3	6.0	7.2
315 (NE 84-315)	9.0	5.3	7.2
AZ 143	8.7	5.7	7.2
PLAINS (BAM 202)	9.0	5.3	7.2
BISON	8.7	5.3	7.0
SHARPS IMPROVED	9.0	5.0	7.0
NE 84-378	9.0	4.7	6.8
NTDG-1	9.0	4.7	6.8
NTDG-2	9.0	4.7	6.8
PRAIRIE	8.7	5.0	6.8
NE 84-436	8.3	4.7	6.5
BUFFALAWN	9.0	3.3	6.2
HIGHLIGHT 25	8.7	3.7	6.2
TOP GUN (BAM 101)	9.0	2.7	5.8
NE 84-45-3	9.0	2.3	5.7
LSD VALUE	0.6	3.2	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 18. LEAFSPOT (SPRING) RATINGS OF BUFFALOGRASS CULTIVARS 1/
1992 DATA

	LEAFSPOT RATINGS 1-9; 9=NO DISEASE 2/	
NAME	UBl	MEAN
NE 84-436	8.0	8.0
NE 84-378	7.7	7.7
315 (NE 84-315)	7.0	7.0
609 (NE 84-609)	6.7	6.7
AZ 143	6.7	6.7
NTDG-1	6.3	6.3
NTDG-4	6.3	6.3
PRAIRIE	6.3	6.3
NTDG-5	5.7	5.7
NTDG-2	5.3	5.3
NTDG-3	5.3	5.3
BUFFALAWN	5.0	5.0
HIGHLIGHT 4	5.0	5.0
PIAINS (BAM 202)	4.3	4.3
BISON	4.3	4.3
HIGHLIGHT 15	4.3	4.3
RUTGERS	4.3	4.3
SHARPS IMPROVED	4.3	4.3
TEXOKA	4.3	4.3
TOP GUN (BAM 101)	3.7	3.7
HIGHLIGHT 25	3.3	3.3
NE 84-45-3	3.3	3.3
LSD VALUE	1.3	1.3

1/ LEAFSPOT RATED HERE WAS DRECHSLERA SPP.

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 19. LEAFSPOT (SUMMER) RATINGS OF BUFFALOGRASS CULTIVARS 1/
1992 DATA

	LEAFSPOT RATINGS 1-9; 9=NO DISEASE 2/	
NAME	UBl	MEAN
609 (NE 84-609)	8.7	8.7
PRAIRIE	8.0	8.0
AZ 143	7.7	7.7
NTDG-5	7.0	7.0
TEXOKA	7.0	7.0
NTDG-3	6.7	6.7
HIGHLIGHT 4	6.3	6.3
TOP GUN (BAM 101)	6.0	6.0
NTDG-4	6.0	6.0
NE 84-378	5.7	5.7
NTDG-1	5.7	5.7
BISON	5.3	5.3
NE 84-45-3	5.3	5.3
NTDG-2	5.0	5.0
SHARPS IMPROVED	5.0	5.0
PIAINS (BAM 202)	4.7	4.7
NE 84-436	4.7	4.7
BUFFALAWN	4.3	4.3
HIGHLIGHT 25	4.3	4.3
315 (NE 84-315)	3.7	3.7
HIGHLIGHT 15	2.7	2.7
RUTGERS	2.7	2.7
LSD VALUE	1.9	1.9

1/ LEAFSPOT RATED HERE WAS BIPOLARIS SPP.

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 20. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	CO1	NE1	MEAN
609 (NE 84-609)	8.3	8.0	8.2
HIGHLIGHT 25	9.0	7.0	8.0
HIGHLIGHT 15	9.0	6.7	7.8
BUFFALAWN	8.3	7.0	7.7
HIGHLIGHT 4	8.7	6.7	7.7
RUTGERS	7.7	6.5	7.1
PRAIRIE	6.7	7.0	6.8
TOP GUN (BAM 101)	7.3	5.3	6.3
NE 84-45-3	5.7	5.3	5.5
NTDG-2	5.0	6.0	5.5
NE 84-378	4.0	6.7	5.3
BISON	5.3	5.3	5.3
NTDG-5	4.7	5.7	5.2
PLAINS (BAM 202)	5.0	5.3	5.2
NTDG-4	5.0	5.3	5.2
TEXOKA	5.0	5.3	5.2
315 (NE 84-315)	4.7	5.3	5.0
NTDG-1	4.3	5.7	5.0
NTDG-3	4.7	5.3	5.0
SHARPS IMPROVED	5.0	5.0	5.0
NE 84-436	4.7	4.7	4.7
AZ 143	4.3	5.0	4.7
LSD VALUE	1.2	1.0	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 21. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	CO1	NE1	OK1	UB1	MEAN
609 (NE 84-609)	8.3	8.7	9.0	8.0	8.5
HIGHLIGHT 4	8.3	8.0	7.7	7.7	7.9
HIGHLIGHT 15	8.3	7.0	7.0	6.8	7.3
HIGHLIGHT 25	8.0	7.7	5.7	7.3	7.2
PRAIRIE	.	6.7	7.7	6.8	7.1
BUFFALAWN	7.7	7.0	5.7	7.5	7.0
RUTGERS	6.7	7.0	5.7	7.2	6.6
TOP GUN (BAM 101)	6.3	5.0	6.7	5.8	6.0
BISON	4.7	5.0	7.0	6.0	5.7
PLAINS (BAM 202)	5.0	5.3	6.3	5.8	5.6
SHARPS IMPROVED	4.7	4.7	7.0	5.8	5.5
NTDG-4	5.0	5.0	7.3	4.5	5.5
NTDG-2	4.3	4.7	7.3	4.8	5.3
TEXOKA	4.3	4.3	7.7	4.8	5.3
NTDG-5	4.3	5.0	6.3	5.3	5.3
NTDG-1	3.3	5.0	7.3	4.7	5.1
NE 84-45-3	4.7	4.3	7.3	4.0	5.1
NTDG-3	3.3	4.7	6.7	5.0	4.9
NE 84-436	3.0	4.0	6.7	4.2	4.5
AZ 143	2.0	4.0	7.3	4.5	4.5
NE 84-378	2.3	4.7	7.0	3.7	4.4
315 (NE 84-315)	2.0	4.3	7.0	2.8	4.0
LSD VALUE	0.8	1.2	1.2	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 22. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

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

NAME	NE1	UB1	MEAN
609 (NE 84-609)	7.3	6.0	6.7
HIGHLIGHT 4	6.0	5.5	5.8
HIGHLIGHT 15	6.0	5.3	5.7
PRAIRIE	6.0	5.3	5.7
BUFFALAWN	5.7	5.3	5.5
HIGHLIGHT 25	5.0	5.5	5.3
RUTGERS	5.5	5.0	5.3
PLAINS (BAM 202)	3.3	3.5	3.4
BISON	3.7	3.0	3.3
SHARPS IMPROVED	3.7	3.0	3.3
TOP GUN (BAM 101)	2.7	3.5	3.1
NTDG-5	3.7	2.3	3.0
TEXOKA	3.0	2.7	2.8
NTDG-1	3.0	2.5	2.8
NTDG-3	3.0	2.3	2.7
NTDG-4	3.3	2.0	2.7
NTDG-2	3.0	2.2	2.6
AZ 143	3.3	1.3	2.3
NE 84-436	1.7	1.7	1.7
315 (NE 84-315)	1.0	1.7	1.3
NE 84-378	1.3	1.3	1.3
NE 84-45-3	1.0	1.5	1.3
LSD VALUE	0.9	1.0	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 23. ERIOPHYID MITE RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

ERIOPHYID MITE RATINGS 1-9; 9=NO DAMAGE 1/

NAME	COl	MEAN
BUFFALAWN	9.0	9.0
HIGHLIGHT 15	9.0	9.0
HIGHLIGHT 25	9.0	9.0
HIGHLIGHT 4	9.0	9.0
RUTGERS	9.0	9.0
609 (NE 84-609)	8.7	8.7
AZ 143	8.7	8.7
NE 84-45-3	8.7	8.7
NTDG-4	8.7	8.7
SHARPS IMPROVED	8.7	8.7
PIAINS (BAM 202)	8.3	8.3
NE 84-378	8.3	8.3
NTDG-1	8.3	8.3
NTDG-3	8.3	8.3
TEXOKA	8.3	8.3
TOP GUN (BAM 101)	8.0	8.0
NE 84-436	8.0	8.0
NTDG-5	8.0	8.0
BISON	7.7	7.7
NTDG-2	6.3	6.3
315 (NE 84-315)	5.0	5.0
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 24. SEEDHEAD (SPRING) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

	SEEDHEAD (SPRING) RATINGS 1-9; 9=NONE 1/	
NAME	CA3	MEAN
NE 84-378	9.0	9.0
HIGHLIGHT 4	9.0	9.0
HIGHLIGHT 25	9.0	9.0
BUFFALAWN	9.0	9.0
315 (NE 84-315)	9.0	9.0
PRAIRIE	8.7	8.7
609 (NE 84-609)	8.7	8.7
RUTGERS	8.3	8.3
HIGHLIGHT 15	7.0	7.0
TEXOKA	6.3	6.3
NE 84-436	6.3	6.3
NTDG-4	5.7	5.7
NTDG-2	5.3	5.3
NTDG-1	5.3	5.3
SHARPS IMPROVED	4.3	4.3
NTDG-5	4.0	4.0
NE 84-45-3	4.0	4.0
BISON	4.0	4.0
NTDG-3	3.7	3.7
PIAINS (BAM 202)	3.3	3.3
AZ 143	3.0	3.0
TOP GUN (BAM 101)	2.3	2.3
LSD VALUE	2.4	2.4

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 25. SEEDHEAD (SUMMER) RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

SEEDHEAD (SUMMER) RATINGS 1-9; 9=NONE 1/

NAME	CA3	MS1	WA4	MEAN
609 (NE 84-609)	9.0	9.0	9.0	9.0
BUFFALAWN	9.0	9.0	9.0	9.0
HIGHLIGHT 4	9.0	9.0	9.0	9.0
PRAIRIE	9.0	9.0	9.0	9.0
315 (NE 84-315)	8.7	9.0	9.0	8.9
HIGHLIGHT 25	9.0	9.0	8.3	8.8
NE 84-378	9.0	9.0	7.7	8.6
AZ 143	6.7	9.0	9.0	8.2
NE 84-436	6.7	9.0	6.7	7.4
PLAINS (BAM 202)	6.0	5.7	8.0	6.6
HIGHLIGHT 15	5.0	5.7	7.7	6.1
NTDG-3	5.0	5.7	7.7	6.1
BISON	5.3	4.3	8.0	5.9
SHARPS IMPROVED	5.7	4.3	7.3	5.8
NTDG-1	5.0	5.3	6.7	5.7
TEXOKA	5.3	4.7	7.0	5.7
NTDG-2	4.7	5.7	6.0	5.4
NTDG-5	5.0	4.3	6.0	5.1
NTDG-4	4.0	3.7	6.0	4.6
RUTGERS	4.3	5.7	3.3	4.4
TOP GUN (BAM 101)	5.0	4.3	3.7	4.3
NE 84-45-3	2.3	2.3	1.7	2.1
LSD VALUE	1.7	1.2	2.9	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 26. VERTICAL GROWTH RATINGS OF BUFFALOGRASS CULTIVARS
1992 DATA

	VERTICAL GROWTH RATINGS 1-9; 9=LEAST GROWTH 1/	
NAME	UB1	MEAN
315 (NE 84-315)	6.7	6.7
AZ 143	6.0	6.0
NE 84-436	6.0	6.0
PRAIRIE	6.0	6.0
609 (NE 84-609)	5.3	5.3
NE 84-378	5.3	5.3
NTDG-1	5.0	5.0
NTDG-2	5.0	5.0
NTDG-4	4.7	4.7
HIGHLIGHT 25	4.3	4.3
NTDG-5	4.3	4.3
NE 84-45-3	4.0	4.0
NTDG-3	4.0	4.0
TEXOKA	4.0	4.0
PLAINS (BAM 202)	3.7	3.7
TOP GUN (BAM 101)	3.3	3.3
BUFFALAWN	3.3	3.3
HIGHLIGHT 15	3.3	3.3
SHARPS IMPROVED	3.3	3.3
BISON	2.7	2.7
HIGHLIGHT 4	2.7	2.7
RUTGERS	2.7	2.7
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).