

## **NATIONAL TURFGRASS EVALUATION PROGRAM**

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

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. 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.

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CONTENTS

2002 National Buffalograss Test - 2005 data

LOCATIONS SUBMITTING DATA FOR 2005.....1

NATIONAL BUFFALOGRASS TEST, 2002 Entries and Sponsors.....2

Table A - 2005 Locations, Site Descriptions and Management Practices in  
the 2002 National Buffalograss Test.....3

Table B - Locations and Data Collected in 2005.....3

Table 1A - Mean Turfgrass Quality Ratings of Buffalograss Cultivars  
Grown at Two Locations in the Transition Region.....5

Table 1B - Mean Turfgrass Quality Ratings of Buffalograss (Seeded)  
Cultivars Grown at Two Locations in the Transition Region.....5

Table 1C - Mean Turfgrass Quality Ratings of Buffalograss (Vegetative)  
Cultivars Grown at Two Locations in the Transition Region.....5

Table 2A - Mean Turfgrass Quality Ratings of Buffalograss Cultivars  
For each Month Grown at Dallas, TX.....6

Table 2B - Mean Turfgrass Quality Ratings of Buffalograss (Seeded)  
Cultivars For each Month Grown at Dallas, TX.....6

Table 2C - Mean Turfgrass Quality Ratings of Buffalograss (Vegetative)  
Cultivars For each Month Grown at Dallas, TX.....6

Table 3A - Mean Turfgrass Quality Ratings of Buffalograss Cultivars  
For each Month Grown at Mead, NE.....7

Table 3B - Mean Turfgrass Quality Ratings of Buffalograss (Seeded)  
Cultivars For each Month Grown at Mead, NE.....7

Table 3C - Mean Turfgrass Quality Ratings of Buffalograss (Vegetative)  
Cultivars For each Month Grown at Mead, NE.....7

Table 4A - Mean Turfgrass Quality Ratings of Buffalograss Cultivars  
Grown at Two Locations in the West/Mountain Region.....8

Table 4B - Mean Turfgrass Quality Ratings of Buffalograss (Seeded)  
Cultivars Grown at Two Locations in the West/Mountain Region.....8

Table 4C - Mean Turfgrass Quality Ratings of Buffalograss (Vegetative)  
Cultivars Grown at Two Locations in the West/Mountain Region.....8

Table 5A - Mean Turfgrass Quality Ratings of Buffalograss Cultivars  
Grown at Three Locations in the Southwest Region.....9

Table 5B - Mean Turfgrass Quality Ratings of Buffalograss (Seeded)  
Cultivars Grown at Three Locations in the Southwest Region.....9

CONTENTS (continued)

Table 5C - Mean Turfgrass Quality Ratings of Buffalograss (Vegetative) Cultivars Grown at Three Locations in the Southwest Region.....9

Table 6A - Genetic Color Ratings of Buffalograss Cultivars.....10

Table 6B - Genetic Color Ratings of Buffalograss (Seeded) Cultivars.....10

Table 6C - Genetic Color Ratings of Buffalograss (Vegetative) Cultivars.....10

Table 7A - Spring Greenup Ratings of Buffalograss Cultivars.....11

Table 7B - Spring Greenup Ratings of Buffalograss (Seeded) Cultivars.....11

Table 7C - Spring Greenup Ratings of Buffalograss (Vegetative) Cultivars.....11

Table 8A - Leaf Texture Ratings of Buffalograss Cultivars.....12

Table 8B - Leaf Texture Ratings of Buffalograss (Seeded) Cultivars.....12

Table 8C - Leaf Texture Ratings of Buffalograss (Vegetative) Cultivars.....12

Table 9A - Spring Density Ratings of Buffalograss Cultivars.....13

Table 9B - Spring Density Ratings of Buffalograss (Seeded) Cultivars.....13

Table 9C - Spring Density Ratings of Buffalograss (Vegetative) Cultivars.....13

Table 10A- Summer Density Ratings of Buffalograss Cultivars.....14

Table 10B- Summer Density Ratings of Buffalograss (Seeded) Cultivars.....14

Table 10C- Summer Density Ratings of Buffalograss (Vegetative) Cultivars.....14

Table 11A- Fall Density Ratings of Buffalograss Cultivars.....15

Table 11B- Fall Density Ratings of Buffalograss (Seeded) Cultivars.....15

Table 11C- Fall Density Ratings of Buffalograss (Vegetative) Cultivars.....15

Table 12A- Percent Living Ground Cover (Spring) Ratings of Buffalograss Cultivars.....16

Table 12B- Percent Living Ground Cover (Spring) Ratings of Buffalograss (Seeded) Cultivars.....16

Table 12C- Percent Living Ground Cover (Spring) Ratings of Buffalograss (Vegetative) Cultivars.....16

Table 13A- Percent Living Ground Cover (Summer) Ratings of Buffalograss Cultivars.....17

Table 13B- Percent Living Ground Cover (Summer) Ratings of Buffalograss (Seeded) Cultivars.....17

CONTENTS (continued)

Table 13C- Percent Living Ground Cover (Summer) Ratings  
of Buffalograss (Vegetative) Cultivars.....17

Table 14A- Percent Living Ground Cover (Fall) Ratings  
of Buffalograss Cultivars.....18

Table 14B- Percent Living Ground Cover (Fall) Ratings  
of Buffalograss (Seeded) Cultivars.....18

Table 14C- Percent Living Ground Cover (Fall) Ratings  
of Buffalograss (Vegetative) Cultivars.....18

Table 15A- Fall Color (September) Ratings of Buffalograss Cultivars.....19

Table 15B- Fall Color (September) Ratings of Buffalograss (Seeded) Cultivars....19

Table 15C- Fall Color (September) Ratings of Buffalograss  
(Vegetative) Cultivars.....19

Table 16A- Fall Color (October) Ratings of Buffalograss Cultivars.....20

Table 16B- Fall Color (October) Ratings of Buffalograss (Seeded) Cultivars.....20

Table 16C- Fall Color (October) Ratings of Buffalograss  
(Vegetative) Cultivars.....20

Table 17A- Fall Color (November) Ratings of Buffalograss Cultivars.....21

Table 17B- Fall Color (November) Ratings of Buffalograss (Seeded) Cultivars....21

Table 17C- Fall Color (November) Ratings of Buffalograss  
(Vegetative) Cultivars.....21

Table 18A- Fall Color (December) Ratings of Buffalograss Cultivars.....22

Table 18B- Fall Color (December) Ratings of Buffalograss (Seeded) Cultivars....22

Table 18C- Fall Color (December) Ratings of Buffalograss (Vegetative) Cultivars.22

Table 19A- Poa Annua Ratings of Buffalograss Cultivars.....23

Table 19B- Poa Annua Ratings of Buffalograss (Seeded) Cultivars.....23

Table 19C- Poa Annua Ratings of Buffalograss (Vegetative) Cultivars.....23

Table 20A- Dormant Color Ratings of Buffalograss Cultivars.....24

Table 20B- Dormant Color Ratings of Buffalograss (Seeded) Cultivars.....24

Table 20C- Dormant Color Ratings of Buffalograss (Vegetative) Cultivars.....24

Table 21A- Dandelion Ratings of Buffalograss Cultivars.....25

Table 21B- Dandelion Ratings of Buffalograss (Seeded) Cultivars.....25

CONTENTS (continued)

Table 21C- Dandelion Ratings of Buffalograss (Vegetative) Cultivars.....25

Table 22A- Armadillo Damage Ratings of Buffalograss Cultivars.....26

Table 22B- Armadillo Damage Ratings of Buffalograss (Seeded) Cultivars.....26

Table 22C- Armadillo Damage Ratings of Buffalograss (Vegetative) Cultivars.....26

Table 23A- Color Ratings of Buffalograss Cultivars for Each Month.....27

Table 23B- Color Ratings of Buffalograss (Seeded) Cultivars for Each Month.....27

Table 23C- Color Ratings of Buffalograss (Vegetative) Cultivars for Each Month..27

Table 24A- Percent Weed Ratings of Buffalograss  
Cultivars at Stillwater, OK.....28

Table 24B- Percent Weed Ratings of Buffalograss (Seeded)  
Cultivars at Stillwater, OK.....28

Table 24C- Percent Weed Ratings of Buffalograss (Vegetative)  
Cultivars at Stillwater, OK.....28

Appendix Table - Summary of Turfgrass Quality Ratings of Buffalograss  
Cultivars.....29

## A Guide to NTEP Turfgrass Ratings

### Introduction

The quality and scientific merit of NTEP data is extremely important. However, the evaluation of turfgrass species and cultivars is a difficult and complex issue. Furthermore, turfgrass evaluation is generally a subjective process based on visual estimates of factors, like genetic color, stand density, leaf texture, uniformity and quality. These factors can not be measured in the same way as other agricultural crops. Turfgrass quality is not a measure of yield or nutritive value. Turfgrass quality is a measure of aesthetics (i.e. density, uniformity, texture, smoothness, growth habit and color), and functional use. The most common way of assessing turfgrass quality is a visual rating system that is based on the turfgrass evaluator's judgement.

### General Considerations

Most visual ratings collected on NTEP trials are based on a 1 to 9 rating scale. One is the poorest or lowest and 9 is the best or highest rating. However, a few characteristics, such as winter kill or percent living ground cover, are rated on a percentage basis, again by using the evaluator's judgement. Most disease ratings found in NTEP reports will use the 1-9 scale, 9=no disease except where the evaluator made a judgement of the percentage of disease in each plot. Percent disease data will be found in separate tables and will normally not be included with disease data using the 1-9 scale.

### Turfgrass Quality

Turfgrass Quality is based on 9 being outstanding or ideal turf and 1 being poorest or dead. A rating of 6 or above is generally considered acceptable. A quality rating value of 9 is reserved for a perfect or ideal grass, but it also can reflect an absolutely outstanding treatment plot. The NTEP requires quality ratings on a monthly basis. Quality ratings take into account the aesthetic and functional aspects of the turf. Quality ratings are not based on color alone, but on a combination of color, density, uniformity, texture, and disease or environmental stress.

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2001 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

### Other Ratings

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

# 2002 NATIONAL BUFFALOGRASS TEST

## LOCATIONS SUBMITTING DATA FOR 2005

<u>State</u>	<u>Location</u>	<u>Code</u>
Arizona	Tucson	AZ1
California	Riverside	CA3
Colorado	Ft. Collins	CO1
Kansas	Manhattan	KS1
Nebraska	Mead	NE1
New Mexico	Las Cruces	NM1
Oklahoma	Stillwater	OK1
Texas	Dallas	TX1
Utah	Logan	UT1

## 2002 National Buffalograss Test

### Entries and Sponsors

Entry No.	Name	Type	Sponsor
1	Tech Turf 1 (Frontier Turfallo)	seeded	Frontier Hybrids
2	Texoka	seeded	Standard entry
3	Bison	seeded	Standard entry
4	Bowie	seeded	Native Turf Group
5	SWI-2000	seeded	Seeds West, Inc.
6	609	vegetative	Standard entry
7	378	vegetative	Standard entry
8	Legacy	vegetative	Todd Valley Farms, Inc.
9	Density	vegetative	Bladerunner Farms
10	NE 95-55	vegetative	University of Nebraska



TABLE A.

2005 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2002 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	0-60	501+	0.0-1.0	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	1.6-2.0	TO PREVENT DORMANCY
CO1	SILTY CLAY AND CLAY	7.6-8.5	0-60	376-500	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	61-150	376-500	1.1-2.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
NM1	SILTY CLAY LOAM	7.6-8.5	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
OK1	SANDY LOAM	6.6-7.0	0-60	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	61-150	241-375	2.1-3.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2005

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AZ1				X	X	X	X	X	X	X			X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X		
CO1					X	X	X	X	X	X			X	X	X
KS1				X	X	X	X	X	X	X			X	X	X
NE1					X	X	X	X	X	X				X	
NM1		X	X	X	X	X	X	X	X	X	X		X	X	X
OK1					X	X	X	X	X	X			X	X	X
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UT1				X	X	X	X	X	X	X			X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2005

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	POA ANNUA	DORMANT COLOR	DANDELION RATINGS	ARMADILLO DAMAGE
AZ1	X	X	X	X	X	X	X	X						
CA3										X	X		X	
CO1	X	X	X	X	X	X	X	X	X					
KS1								X						
NE1	X	X	X											
NM1							X	X	X	X		X		
OK1		X		X	X	X						X		X
TX1	X	X	X				X	X	X	X				
UT1								X	X			X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2005

LOCATION	COLOR MARCH	COLOR APRIL	COLOR MAY	COLOR JUNE	COLOR JULY	COLOR AUGUST	COLOR SEPTEMBER	COLOR OCTOBER	PERCENT BERMUDA GRASS	PERCENT CLOVER	PERCENT OTHER GRASS
AZ1											
CA3											
CO1											
KS1			X	X	X	X	X	X			
NE1											
NM1	X	X	X	X	X	X					
OK1			X	X	X	X	X	X	X	X	X
TX1											
UT1		X	X	X	X	X	X	X			

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE TRANSITION REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	OK1	MEAN
* BOWIE	5.4	5.8	5.6
* DENSITY	4.8	5.8	5.3
* TEXOKA	5.7	4.2	4.9
* TECH TURF 1 (FRONTIER TURFALLO)	4.1	4.9	4.5
* 378	5.2	3.3	4.3
* LEGACY	6.0	2.4	4.2
NE 95-55	5.7	2.4	4.1
* BISON	5.2	2.7	3.9
* SWI-2000	5.5	2.3	3.9
* 609	5.2	2.2	3.7
LSD VALUE	0.6	2.0	1.0
C.V. (%)	7.6	34.5	20.8

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE TRANSITION REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	OK1	MEAN
BOWIE	5.4	5.8	5.6
TEXOKA	5.7	4.2	4.9
TECH TURF 1 (FRONTIER TURFALLO)	4.1	4.9	4.5
BISON	5.2	2.7	3.9
SWI-2000	5.5	2.3	3.9
LSD VALUE	0.8	2.4	1.3
C.V. (%)	9.3	38.2	24.6

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE TRANSITION REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	OK1	MEAN
DENSITY	4.8	5.8	5.3
378	5.2	3.3	4.3
LEGACY	6.0	2.4	4.2
NE 95-55	5.7	2.4	4.1
609	5.2	2.2	3.7
LSD VALUE	0.5	1.4	0.8
C.V. (%)	5.7	27.4	15.3

- \* COMMERCIALY AVAILABLE IN THE USA IN 2006.  
1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).  
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS FOR EACH  
MONTH GROWN AT DALLAS, TX 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DENSITY	5.7	6.0	6.7	6.3	6.7	7.0	6.7	7.0	6.7	6.7	6.0	5.0	6.4
609	5.0	4.3	6.0	7.0	6.7	6.0	6.0	6.3	7.3	6.7	5.0	4.3	5.9
BOWIE	4.3	4.0	6.0	5.0	6.0	6.0	6.0	6.0	5.3	5.3	3.7	3.7	5.1
BISON	4.3	3.7	5.3	5.3	6.0	5.7	5.0	5.7	5.7	5.0	3.7	3.3	4.9
378	4.3	4.0	5.7	5.0	6.7	5.7	5.3	4.7	5.0	4.3	3.7	3.3	4.8
SWI-2000	4.3	4.3	6.0	4.3	6.0	5.3	5.7	5.0	5.0	4.7	3.7	3.3	4.8
LEGACY	3.7	3.7	6.0	5.0	7.0	5.7	5.7	4.3	5.0	4.3	3.7	3.0	4.8
TECH TURF 1 (FRONTIER TURFALLO)	4.0	3.0	4.0	4.0	6.0	5.7	6.0	5.3	5.3	5.3	3.7	3.3	4.6
TEXOKA	4.3	3.7	5.0	4.3	5.7	5.7	5.7	5.3	4.3	4.3	3.3	3.0	4.6
NE 95-55	4.0	3.7	5.3	5.0	6.7	5.3	5.3	4.0	4.7	4.3	3.3	2.7	4.5
LSD VALUE	1.5	1.2	1.1	1.5	1.0	1.3	1.3	1.5	1.5	1.1	1.0	1.1	0.8
C.V. (%)	20.7	19.2	11.8	17.8	9.6	13.7	14.6	17.7	16.8	13.9	15.3	18.8	9.8

TABLE 2B.

MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEDED) CULTIVARS FOR EACH  
MONTH GROWN AT DALLAS, TX 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BOWIE	4.3	4.0	6.0	5.0	6.0	6.0	6.0	6.0	5.3	5.3	3.7	3.7	5.1
BISON	4.3	3.7	5.3	5.3	6.0	5.7	5.0	5.7	5.7	5.0	3.7	3.3	4.9
SWI-2000	4.3	4.3	6.0	4.3	6.0	5.3	5.7	5.0	5.0	4.7	3.7	3.3	4.8
TECH TURF 1 (FRONTIER TURFALLO)	4.0	3.0	4.0	4.0	6.0	5.7	6.0	5.3	5.3	5.3	3.7	3.3	4.6
TEXOKA	4.3	3.7	5.0	4.3	5.7	5.7	5.7	5.3	4.3	4.3	3.3	3.0	4.6
LSD VALUE	1.3	1.2	0.8	1.4	0.8	1.3	1.2	1.4	1.5	1.3	0.9	1.1	0.7
C.V. (%)	19.1	20.7	9.8	19.4	8.7	14.4	12.9	16.4	18.1	16.6	16.0	20.5	8.8

TABLE 2C.

MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS FOR EACH  
MONTH GROWN AT DALLAS, TX 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DENSITY	5.7	6.0	6.7	6.3	6.7	7.0	6.7	7.0	6.7	6.7	6.0	5.0	6.4
609	5.0	4.3	6.0	7.0	6.7	6.0	6.0	6.3	7.3	6.7	5.0	4.3	5.9
378	4.3	4.0	5.7	5.0	6.7	5.7	5.3	4.7	5.0	4.3	3.7	3.3	4.8
LEGACY	3.7	3.7	6.0	5.0	7.0	5.7	5.7	4.3	5.0	4.3	3.7	3.0	4.8
NE 95-55	4.0	3.7	5.3	5.0	6.7	5.3	5.3	4.0	4.7	4.3	3.3	2.7	4.5
LSD VALUE	1.6	1.2	1.2	1.5	1.1	1.2	1.5	1.6	1.4	0.9	1.0	1.0	0.9
C.V. (%)	22.1	17.9	13.1	16.4	10.1	13.1	16.1	19.0	15.6	11.0	14.6	17.2	10.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS FOR EACH MONTH GROWN AT MEAD, NE 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
LEGACY	7.7	7.3	6.7	7.7	3.7	3.0	6.0
NE 95-55	7.7	8.0	7.0	7.3	3.0	1.7	5.8
378	7.0	7.3	6.7	7.0	2.3	2.3	5.4
BOWIE	7.0	6.7	6.7	6.3	3.0	2.7	5.4
DENSITY	4.3	4.0	5.0	6.0	6.0	5.3	5.1
SWI-2000	6.3	6.0	5.7	5.3	4.0	1.7	4.8
BISON	3.3	6.3	6.0	5.7	4.0	2.7	4.7
TEXOKA	4.7	6.0	5.3	5.0	3.3	2.7	4.5
609	1.7	2.0	5.0	5.0	5.7	4.3	3.9
TECH TURF 1 (FRONTIER TURFALLO)	1.0	2.0	3.7	3.0	4.3	3.7	2.9
LSD VALUE	1.2	1.5	1.1	2.0	1.8	2.3	1.0
C.V. (%)	14.4	16.4	12.3	21.5	28.6	47.1	12.5

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEDED) CULTIVARS FOR EACH MONTH GROWN AT MEAD, NE 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BOWIE	7.0	6.7	6.7	6.3	3.0	2.7	5.4
SWI-2000	6.3	6.0	5.7	5.3	4.0	1.7	4.8
BISON	3.3	6.3	6.0	5.7	4.0	2.7	4.7
TEXOKA	4.7	6.0	5.3	5.0	3.3	2.7	4.5
TECH TURF 1 (FRONTIER TURFALLO)	1.0	2.0	3.7	3.0	4.3	3.7	2.9
LSD VALUE	0.7	1.7	1.1	1.4	1.9	1.2	0.6
C.V. (%)	10.0	19.7	12.5	17.7	30.9	27.4	8.6

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT MEAD, NE 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
LEGACY	7.7	7.3	6.7	7.7	3.7	3.0	6.0
NE 95-55	7.7	8.0	7.0	7.3	3.0	1.7	5.8
378	7.0	7.3	6.7	7.0	2.3	2.3	5.4
DENSITY	4.3	4.0	5.0	6.0	6.0	5.3	5.1
609	1.7	2.0	5.0	5.0	5.7	4.3	3.9
LSD VALUE	1.5	1.2	1.2	2.5	1.8	3.0	1.2
C.V. (%)	16.4	12.7	12.0	23.1	26.5	55.9	14.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE WEST/MOUNTAIN REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CO1	UT1	MEAN
LEGACY	5.9	5.5	5.7
378	6.1	4.7	5.4
SWI-2000	5.1	5.1	5.1
BOWIE	5.2	4.7	5.0
BISON	5.1	4.7	4.9
TECH TURF 1 (FRONTIER TURFALLO)	4.9	4.5	4.7
NE 95-55	5.1	3.8	4.5
DENSITY	3.1	4.3	3.7
TEXOKA	4.8	1.8	3.3
609	2.1	2.1	2.1
LSD VALUE	0.4	1.0	0.5
C.V. (%)	4.6	14.7	10.3

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEEDDED) CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE WEST/MOUNTAIN REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CO1	UT1	MEAN
SWI-2000	5.1	5.1	5.1
BOWIE	5.2	4.7	5.0
BISON	5.1	4.7	4.9
TECH TURF 1 (FRONTIER TURFALLO)	4.9	4.5	4.7
TEXOKA	4.8	1.8	3.3
LSD VALUE	0.3	0.9	0.5
C.V. (%)	3.8	13.5	9.1

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE WEST/MOUNTAIN REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CO1	UT1	MEAN
LEGACY	5.9	5.5	5.7
378	6.1	4.7	5.4
NE 95-55	5.1	3.8	4.5
DENSITY	3.1	4.3	3.7
609	2.1	2.1	2.1
LSD VALUE	0.4	1.0	0.6
C.V. (%)	5.5	15.9	11.5

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AZ1	CA3	NM1	MEAN
NE 95-55	6.8	4.0	4.7	5.2
BOWIE	6.8	3.7	4.9	5.1
DENSITY	6.5	4.1	4.6	5.1
BISON	7.0	3.4	4.8	5.1
TECH TURF 1 (FRONTIER TURFALLO)	6.4	3.9	4.8	5.0
SWI-2000	6.9	3.7	4.5	5.0
378	6.0	3.9	4.7	4.8
609	5.8	3.9	4.5	4.7
TEXOKA	5.0	3.7	5.2	4.6
LEGACY	5.6	3.6	4.3	4.5
LSD VALUE	1.9	0.8	0.4	0.6
C.V. (%)	17.0	13.7	4.7	13.5

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AZ1	CA3	NM1	MEAN
BOWIE	6.8	3.7	4.9	5.1
BISON	7.0	3.4	4.8	5.1
TECH TURF 1 (FRONTIER TURFALLO)	6.4	3.9	4.8	5.0
SWI-2000	6.9	3.7	4.5	5.0
TEXOKA	5.0	3.7	5.2	4.6
LSD VALUE	1.6	0.9	0.4	0.6
C.V. (%)	14.4	15.2	5.0	12.6

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS  
GROWN AT THREE LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AZ1	CA3	NM1	MEAN
NE 95-55	6.8	4.0	4.7	5.2
DENSITY	6.5	4.1	4.6	5.1
378	6.0	3.9	4.7	4.8
609	5.8	3.9	4.5	4.7
LEGACY	5.6	3.6	4.3	4.5
LSD VALUE	2.3	0.8	0.3	0.7
C.V. (%)	20.0	12.3	4.2	14.4

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 6A. GENETIC COLOR RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/								
	AZ1	CA3	CO1	KS1	NM1	OK1	TX1	UT1	MEAN
LEGACY	6.3	7.3	6.7	8.0	6.0	9.0	7.3	7.7	7.3
378	6.5	7.3	7.0	8.0	5.7	8.7	6.3	7.3	7.1
NE 95-55	7.0	7.3	7.3	8.0	5.3	9.0	6.0	6.0	7.0
BISON	7.3	7.0	6.3	8.0	7.3	9.0	6.0	4.7	7.0
BOWIE	6.0	6.7	6.7	7.3	5.7	8.0	6.3	5.7	6.5
TEXOKA	6.0	6.7	5.7	7.3	6.7	8.0	6.7	5.3	6.5
SWI-2000	6.5	6.7	6.0	7.3	5.7	8.0	5.0	5.0	6.3
609	5.5	6.7	6.0	7.7	6.0	8.0	7.0	3.0	6.2
TECH TURF 1 (FRONTIER TURFALLO)	5.0	5.7	5.3	7.0	6.0	6.0	6.7	5.7	5.9
DENSITY	4.7	6.0	5.0	6.0	6.0	7.0	7.0	3.7	5.7
LSD VALUE	1.3	1.0	0.7	0.6	2.4	0.3	1.3	1.8	0.5
C.V. (%)	12.0	9.0	7.2	4.9	24.6	2.3	12.7	20.6	12.6

TABLE 6B. GENETIC COLOR RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/								
	AZ1	CA3	CO1	KS1	NM1	OK1	TX1	UT1	MEAN
BISON	7.3	7.0	6.3	8.0	7.3	9	6.0	4.7	7.0
BOWIE	6.0	6.7	6.7	7.3	5.7	8	6.3	5.7	6.5
TEXOKA	6.0	6.7	5.7	7.3	6.7	8	6.7	5.3	6.5
SWI-2000	6.5	6.7	6.0	7.3	5.7	8	5.0	5.0	6.3
TECH TURF 1 (FRONTIER TURFALLO)	5.0	5.7	5.3	7.0	6.0	6	6.7	5.7	5.9
LSD VALUE	1.6	0.8	0.8	0.7	2.6	0	1.2	1.5	0.5
C.V. (%)	13.9	7.9	8.6	6.0	26.1	0	12.6	17.7	13.0

TABLE 6C. GENETIC COLOR RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/								
	AZ1	CA3	CO1	KS1	NM1	OK1	TX1	UT1	MEAN
LEGACY	6.3	7.3	6.7	8.0	6.0	9.0	7.3	7.7	7.3
378	6.5	7.3	7.0	8.0	5.7	8.7	6.3	7.3	7.1
NE 95-55	7.0	7.3	7.3	8.0	5.3	9.0	6.0	6.0	7.0
609	5.5	6.7	6.0	7.7	6.0	8.0	7.0	3.0	6.2
DENSITY	4.7	6.0	5.0	6.0	6.0	7.0	7.0	3.7	5.7
LSD VALUE	1.1	1.1	0.6	0.4	2.1	0.4	1.4	2.0	0.5
C.V. (%)	9.6	9.9	5.7	3.4	22.7	3.1	12.7	22.9	12.1

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 7A. SPRING GREENUP RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/								
	AZ1	CO1	KS1	NE1	NM1	OK1	TX1	UT1	MEAN
NE 95-55	6.5	4.3	6.3	6.3	5.7	9.0	6.7	3.3	6.0
BISON	6.3	4.7	5.0	5.7	4.7	9.0	6.0	3.7	5.6
BOWIE	4.5	5.0	5.0	5.3	4.3	9.0	6.0	3.0	5.3
TEXOKA	5.0	4.0	5.3	5.7	4.3	9.0	6.0	2.0	5.2
LEGACY	6.0	3.3	5.3	5.7	4.3	9.0	5.3	2.0	5.1
SWI-2000	5.5	4.7	4.3	5.7	3.0	9.0	5.3	3.3	5.1
378	6.0	3.7	4.3	3.3	4.3	9.0	6.7	2.0	4.9
609	4.0	1.0	3.3	2.0	3.0	9.0	7.3	1.7	3.9
DENSITY	3.7	1.7	2.0	1.7	3.3	9.0	7.0	2.7	3.9
TECH TURF 1 (FRONTIER TURFALLO)	3.3	2.7	1.7	1.0	4.0	3.0	4.0	1.7	2.7
LSD VALUE	1.2	0.8	1.3	1.5	2.4	0.9	1.7	0.9	0.5
C.V. (%)	12.8	13.8	18.7	22.0	36.4	6.5	17.1	21.6	18.4

TABLE 7B. SPRING GREENUP RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/								
	AZ1	CO1	KS1	NE1	NM1	OK1	TX1	UT1	MEAN
BISON	6.3	4.7	5.0	5.7	4.7	9.0	6.0	3.7	5.6
BOWIE	4.5	5.0	5.0	5.3	4.3	9.0	6.0	3.0	5.3
TEXOKA	5.0	4.0	5.3	5.7	4.3	9.0	6.0	2.0	5.2
SWI-2000	5.5	4.7	4.3	5.7	3.0	9.0	5.3	3.3	5.1
TECH TURF 1 (FRONTIER TURFALLO)	3.3	2.7	1.7	1.0	4.0	3.0	4.0	1.7	2.7
LSD VALUE	1.4	0.7	1.2	1.7	2.9	1.2	0.8	0.7	0.5
C.V. (%)	15.9	10.6	18.2	22.1	44.0	9.9	9.4	16.4	19.4

TABLE 7C. SPRING GREENUP RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/								
	AZ1	CO1	KS1	NE1	NM1	OK1	TX1	UT1	MEAN
NE 95-55	6.5	4.3	6.3	6.3	5.7	9	6.7	3.3	6.0
LEGACY	6.0	3.3	5.3	5.7	4.3	9	5.3	2.0	5.1
378	6.0	3.7	4.3	3.3	4.3	9	6.7	2.0	4.9
609	4.0	1.0	3.3	2.0	3.0	9	7.3	1.7	3.9
DENSITY	3.7	1.7	2.0	1.7	3.3	9	7.0	2.7	3.9
LSD VALUE	0.8	0.8	1.3	1.3	1.8	0	2.2	1.0	0.5
C.V. (%)	8.4	18.4	19.1	21.5	27.2	0	20.7	27.1	17.4

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8A. LEAF TEXTURE RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/							MEAN
	AZ1	CO1	KS1	NM1	OK1	TX1	UT1	
TECH TURF 1 (FRONTIER TURFALLO)	6.7	8.0	7.0	7.0	8.0	7.3	9.0	7.6
LEGACY	8.0	7.7	8.0	5.0	7.0	8.0	8.0	7.4
DENSITY	7.3	8.0	7.0	5.3	8.0	7.3	7.7	7.2
378	6.7	8.0	8.0	7.3	7.0	6.0	7.3	7.2
609	7.0	7.7	7.7	6.7	7.7	7.0	6.3	7.1
SWI-2000	7.5	8.0	7.7	6.7	7.0	5.7	7.3	7.1
BOWIE	6.3	7.3	7.7	7.3	7.0	6.3	5.7	6.8
NE 95-55	6.5	7.7	7.3	6.3	7.0	6.3	6.0	6.7
BISON	6.3	7.7	7.3	6.3	7.0	6.0	6.0	6.7
TEXOKA	6.0	7.3	7.7	7.0	7.0	6.0	5.3	6.6
LSD VALUE	1.0	0.7	0.9	2.8	0.3	0.8	1.1	0.5
C.V. (%)	7.9	5.8	7.3	26.3	2.5	7.8	10.3	11.5

TABLE 8B. LEAF TEXTURE RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/							MEAN
	AZ1	CO1	KS1	NM1	OK1	TX1	UT1	
TECH TURF 1 (FRONTIER TURFALLO)	6.7	8.0	7.0	7.0	8	7.3	9.0	7.6
SWI-2000	7.5	8.0	7.7	6.7	7	5.7	7.3	7.1
BOWIE	6.3	7.3	7.7	7.3	7	6.3	5.7	6.8
BISON	6.3	7.7	7.3	6.3	7	6.0	6.0	6.7
TEXOKA	6.0	7.3	7.7	7.0	7	6.0	5.3	6.6
LSD VALUE	1.0	0.7	1.1	2.0	0	0.7	1.0	0.4
C.V. (%)	8.5	5.8	9.1	18.4	0	7.1	9.5	9.7

TABLE 8C. LEAF TEXTURE RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/							MEAN
	AZ1	CO1	KS1	NM1	OK1	TX1	UT1	
LEGACY	8.0	7.7	8.0	5.0	7.0	8.0	8.0	7.4
DENSITY	7.3	8.0	7.0	5.3	8.0	7.3	7.7	7.2
378	6.7	8.0	8.0	7.3	7.0	6.0	7.3	7.2
609	7.0	7.7	7.7	6.7	7.7	7.0	6.3	7.1
NE 95-55	6.5	7.7	7.3	6.3	7.0	6.3	6.0	6.7
LSD VALUE	0.9	0.7	0.6	3.3	0.4	0.9	1.2	0.6
C.V. (%)	7.2	5.7	4.8	33.7	3.5	8.3	11.0	13.0

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9A. SPRING DENSITY RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AZ1	CO1	NE1	TX1	MEAN
LEGACY	7.3	7.3	9.0	7.0	7.7
378	7.5	8.0	8.7	6.3	7.6
NE 95-55	7.0	7.3	9.0	6.3	7.4
BOWIE	7.0	6.3	8.7	5.7	6.9
SWI-2000	6.5	6.3	8.3	5.0	6.5
DENSITY	8.0	2.3	6.7	7.7	6.2
BISON	5.0	6.3	7.3	5.7	6.1
TEXOKA	5.0	6.0	8.0	4.7	5.9
609	6.5	2.3	4.3	7.0	5.0
TECH TURF 1 (FRONTIER TURFALLO)	6.3	4.3	1.7	4.3	4.2
LSD VALUE	2.1	0.8	1.2	1.5	0.7
C.V. (%)	16.1	9.1	10.2	15.3	12.7

TABLE 9B. SPRING DENSITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AZ1	CO1	NE1	TX1	MEAN
BOWIE	7.0	6.3	8.7	5.7	6.9
SWI-2000	6.5	6.3	8.3	5.0	6.5
BISON	5.0	6.3	7.3	5.7	6.1
TEXOKA	5.0	6.0	8.0	4.7	5.9
TECH TURF 1 (FRONTIER TURFALLO)	6.3	4.3	1.7	4.3	4.2
LSD VALUE	1.2	0.8	1.1	1.7	0.6
C.V. (%)	11.3	8.8	10.0	20.4	12.8

TABLE 9C. SPRING DENSITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AZ1	CO1	NE1	TX1	MEAN
LEGACY	7.3	7.3	9.0	7.0	7.7
378	7.5	8.0	8.7	6.3	7.6
NE 95-55	7.0	7.3	9.0	6.3	7.4
DENSITY	8.0	2.3	6.7	7.7	6.2
609	6.5	2.3	4.3	7.0	5.0
LSD VALUE	2.8	0.8	1.2	1.2	0.7
C.V. (%)	19.2	9.4	10.3	11.3	12.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10A. SUMMER DENSITY RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						
NAME	AZ1	CO1	NE1	OK1	TX1	MEAN
LEGACY	7.5	8.0	9.0	6.7	7.3	7.7
NE 95-55	9.0	8.0	9.0	6.0	6.3	7.7
SWI-2000	8.0	7.0	8.7	6.0	7.7	7.5
378	7.0	8.3	8.7	5.7	7.0	7.3
BOWIE	6.5	7.7	9.0	5.3	7.7	7.2
DENSITY	7.3	3.3	7.7	9.0	7.7	7.0
TEXOKA	6.5	7.3	8.3	5.0	7.3	6.9
BISON	6.7	8.0	8.7	4.0	6.3	6.7
TECH TURF 1 (FRONTIER TURFALLO)	6.0	8.0	6.7	4.0	7.0	6.3
609	6.5	3.7	7.3	6.7	6.3	6.1
LSD VALUE	2.9	0.7	1.2	1.4	1.7	0.7
C.V. (%)	20.5	5.9	8.8	14.7	14.6	12.8

TABLE 10B. SUMMER DENSITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						
NAME	AZ1	CO1	NE1	OK1	TX1	MEAN
SWI-2000	8.0	7.0	8.7	6.0	7.7	7.5
BOWIE	6.5	7.7	9.0	5.3	7.7	7.2
TEXOKA	6.5	7.3	8.3	5.0	7.3	6.9
BISON	6.7	8.0	8.7	4.0	6.3	6.7
TECH TURF 1 (FRONTIER TURFALLO)	6.0	8.0	6.7	4.0	7.0	6.3
LSD VALUE	2.6	0.6	1.1	1.7	1.3	0.7
C.V. (%)	20.8	4.8	8.3	21.2	11.3	12.8

TABLE 10C. SUMMER DENSITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						
NAME	AZ1	CO1	NE1	OK1	TX1	MEAN
LEGACY	7.5	8.0	9.0	6.7	7.3	7.7
NE 95-55	9.0	8.0	9.0	6.0	6.3	7.7
378	7.0	8.3	8.7	5.7	7.0	7.3
DENSITY	7.3	3.3	7.7	9.0	7.7	7.0
609	6.5	3.7	7.3	6.7	6.3	6.1
LSD VALUE	3.2	0.7	1.2	1.0	1.9	0.7
C.V. (%)	20.5	7.1	9.3	9.3	17.5	12.9

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11A. FALL DENSITY RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AZ1	C01	NE1	TX1	MEAN
LEGACY	7.5	9.0	7.0	6.7	7.5
NE 95-55	6.5	9.0	7.7	6.7	7.5
DENSITY	7.0	6.7	7.7	7.7	7.3
378	6.3	9.0	7.3	6.3	7.3
BOWIE	6.5	9.0	6.0	7.0	7.1
TECH TURF 1 (FRONTIER TURFALLO)	5.7	9.0	6.3	7.3	7.1
BISON	6.0	9.0	6.0	6.7	6.9
SWI-2000	6.3	8.0	6.7	6.7	6.9
609	6.5	6.7	7.0	7.3	6.9
TEXOKA	6.0	8.7	6.0	6.7	6.8
LSD VALUE	2.5	0.5	1.1	1.0	0.7
C.V. (%)	21.2	3.8	10.1	9.2	11.1

TABLE 11B. FALL DENSITY RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AZ1	C01	NE1	TX1	MEAN
BOWIE	6.5	9.0	6.0	7.0	7.1
TECH TURF 1 (FRONTIER TURFALLO)	5.7	9.0	6.3	7.3	7.1
BISON	6.0	9.0	6.0	6.7	6.9
SWI-2000	6.3	8.0	6.7	6.7	6.9
TEXOKA	6.0	8.7	6.0	6.7	6.8
LSD VALUE	2.0	0.4	0.9	0.8	0.5
C.V. (%)	18.2	3.0	9.3	7.5	9.4

TABLE 11C. FALL DENSITY RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AZ1	C01	NE1	TX1	MEAN
LEGACY	7.5	9.0	7.0	6.7	7.5
NE 95-55	6.5	9.0	7.7	6.7	7.5
DENSITY	7.0	6.7	7.7	7.7	7.3
378	6.3	9.0	7.3	6.3	7.3
609	6.5	6.7	7.0	7.3	6.9
LSD VALUE	3.0	0.6	1.2	1.2	0.8
C.V. (%)	23.8	4.5	10.6	10.5	12.5

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/				
NAME	AZ1	CO1	OK1	MEAN
BOWIE	60.0	95.0	88.0	81.0
TEXOKA	50.0	95.0	73.3	72.8
SWI-2000	70.0	83.3	51.7	68.3
BISON	63.3	95.0	45.0	67.8
378	62.5	96.3	40.0	66.3
LEGACY	68.3	93.3	33.3	65.0
NE 95-55	75.0	68.3	40.0	61.1
TECH TURF 1 (FRONTIER TURFALLO)	26.7	81.7	71.7	60.0
DENSITY	30.0	25.0	88.3	47.8
609	37.5	6.7	28.3	24.2
LSD VALUE	12.3	6.2	30.9	12.1
C.V. (%)	11.7	5.2	34.3	20.2

TABLE 12B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/				
NAME	AZ1	CO1	OK1	MEAN
BOWIE	60.0	95.0	88.0	81.0
TEXOKA	50.0	95.0	73.3	72.8
SWI-2000	70.0	83.3	51.7	68.3
BISON	63.3	95.0	45.0	67.8
TECH TURF 1 (FRONTIER TURFALLO)	26.7	81.7	71.7	60.0
LSD VALUE	14.4	4.6	30.6	11.9
C.V. (%)	14.6	3.2	28.8	17.7

TABLE 12C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/				
NAME	AZ1	CO1	OK1	MEAN
378	62.5	96.3	40.0	66.3
LEGACY	68.3	93.3	33.3	65.0
NE 95-55	75.0	68.3	40.0	61.1
DENSITY	30.0	25.0	88.3	47.8
609	37.5	6.7	28.3	24.2
LSD VALUE	8.0	7.4	31.1	12.2
C.V. (%)	7.2	7.9	42.1	23.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AZ1	CO1	OK1	MEAN
BOWIE	62.5	97.7	77.0	79.1
TECH TURF 1 (FRONTIER TURFALLO)	56.7	96.3	71.7	74.9
TEXOKA	52.5	96.3	61.3	70.1
378	67.5	97.7	35.0	66.7
DENSITY	71.7	41.7	86.7	66.7
BISON	53.3	97.7	40.0	63.7
LEGACY	66.7	97.7	24.3	62.9
NE 95-55	75.0	83.3	27.7	62.0
SWI-2000	67.5	88.3	28.7	61.5
609	60.0	23.3	15.7	33.0
LSD VALUE	19.1	4.1	36.6	14.5
C.V. (%)	15.6	3.1	48.6	23.3

TABLE 13B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AZ1	CO1	OK1	MEAN
BOWIE	62.5	97.7	77.0	79.1
TECH TURF 1 (FRONTIER TURFALLO)	56.7	96.3	71.7	74.9
TEXOKA	52.5	96.3	61.3	70.1
BISON	53.3	97.7	40.0	63.7
SWI-2000	67.5	88.3	28.7	61.5
LSD VALUE	11.4	3.9	43.0	16.0
C.V. (%)	10.6	2.6	48.0	23.8

TABLE 13C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AZ1	CO1	OK1	MEAN
378	67.5	97.7	35.0	66.7
DENSITY	71.7	41.7	86.7	66.7
LEGACY	66.7	97.7	24.3	62.9
NE 95-55	75.0	83.3	27.7	62.0
609	60.0	23.3	15.7	33.0
LSD VALUE	26.2	4.3	28.9	12.6
C.V. (%)	18.9	3.9	47.4	22.1

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AZ1	CO1	OK1	MEAN
BOWIE	65.0	99.0	74.7	79.6
TEXOKA	75.0	97.7	60.0	77.6
TECH TURF 1 (FRONTIER TURFALLO)	55.0	99.0	70.0	74.7
BISON	73.3	97.7	40.0	70.3
378	67.5	99.0	38.3	68.3
SWI-2000	75.0	96.3	27.0	66.1
DENSITY	61.7	55.0	78.3	65.0
LEGACY	72.5	99.0	22.0	64.5
NE 95-55	70.0	91.7	24.0	61.9
609	67.5	36.7	15.7	39.9
LSD VALUE	15.8	5.9	36.2	14.3
C.V. (%)	11.7	4.2	50.0	21.9

TABLE 14B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AZ1	CO1	OK1	MEAN
BOWIE	65.0	99.0	74.7	79.6
TEXOKA	75.0	97.7	60.0	77.6
TECH TURF 1 (FRONTIER TURFALLO)	55.0	99.0	70.0	74.7
BISON	73.3	97.7	40.0	70.3
SWI-2000	75.0	96.3	27.0	66.1
LSD VALUE	15.8	2.9	40.7	15.5
C.V. (%)	12.5	1.8	46.6	21.8

TABLE 14C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AZ1	CO1	OK1	MEAN
378	67.5	99.0	38.3	68.3
DENSITY	61.7	55.0	78.3	65.0
LEGACY	72.5	99.0	22.0	64.5
NE 95-55	70.0	91.7	24.0	61.9
609	67.5	36.7	15.7	39.9
LSD VALUE	15.0	7.8	31.0	12.8
C.V. (%)	10.5	6.3	54.0	21.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 15A. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AZ1	CO1	NM1	TX1	MEAN
609	6.5	7.3	5.0	8.0	6.7
DENSITY	5.7	7.0	5.0	7.0	6.2
BISON	8.0	5.3	5.0	5.7	6.0
TECH TURF 1 (FRONTIER TURFALLO)	6.3	7.0	4.7	5.7	5.9
BOWIE	7.0	4.7	6.0	5.0	5.7
LEGACY	7.0	5.7	4.7	4.7	5.5
TEXOKA	7.0	5.0	5.3	4.7	5.5
NE 95-55	7.0	5.3	5.0	4.3	5.4
SWI-2000	7.5	4.7	4.7	4.7	5.4
378	7.0	5.3	4.7	4.3	5.3
LSD VALUE	2.0	0.8	1.3	0.9	0.6
C.V. (%)	14.7	8.4	16.3	10.7	12.4

TABLE 15B. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AZ1	CO1	NM1	TX1	MEAN
BISON	8.0	5.3	5.0	5.7	6.0
TECH TURF 1 (FRONTIER TURFALLO)	6.3	7.0	4.7	5.7	5.9
BOWIE	7.0	4.7	6.0	5.0	5.7
TEXOKA	7.0	5.0	5.3	4.7	5.5
SWI-2000	7.5	4.7	4.7	4.7	5.4
LSD VALUE	1.6	0.7	1.6	0.8	0.6
C.V. (%)	12.0	8.4	19.5	10.1	12.9

TABLE 15C. FALL COLOR (SEPTEMBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AZ1	CO1	NM1	TX1	MEAN
609	6.5	7.3	5.0	8.0	6.7
DENSITY	5.7	7.0	5.0	7.0	6.2
LEGACY	7.0	5.7	4.7	4.7	5.5
NE 95-55	7.0	5.3	5.0	4.3	5.4
378	7.0	5.3	4.7	4.3	5.3
LSD VALUE	2.5	0.8	0.9	1.0	0.6
C.V. (%)	18.0	8.4	11.9	11.2	12.0

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16A. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AZ1	CO1	KS1	NM1	TX1	UT1	MEAN
609	5.5	1.7	6.3	3.0	7.7	6.0	5.0
DENSITY	5.0	2.0	7.7	3.3	6.7	5.3	5.0
TECH TURF 1 (FRONTIER TURFALLO)	5.3	2.0	5.7	4.0	6.3	4.3	4.6
TEXOKA	6.5	1.0	5.0	4.3	5.3	2.7	4.1
BISON	7.0	1.0	5.0	4.3	5.3	2.0	4.1
BOWIE	6.0	1.0	4.3	4.7	5.7	1.0	3.8
LEGACY	7.0	1.0	4.7	4.3	4.7	1.0	3.8
SWI-2000	6.5	1.0	4.7	3.0	5.0	1.0	3.5
NE 95-55	6.0	1.0	4.0	4.3	4.3	1.3	3.5
378	6.0	1.0	3.3	4.3	4.0	1.0	3.3
LSD VALUE	0.8	0.3	1.2	2.8	1.3	0.6	0.6
C.V. (%)	7.0	14.4	14.4	43.9	14.8	14.2	22.0

TABLE 16B. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS (SEDED) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AZ1	CO1	KS1	NM1	TX1	UT1	MEAN
TECH TURF 1 (FRONTIER TURFALLO)	5.3	2	5.7	4.0	6.3	4.3	4.6
TEXOKA	6.5	1	5.0	4.3	5.3	2.7	4.1
BISON	7.0	1	5.0	4.3	5.3	2.0	4.1
BOWIE	6.0	1	4.3	4.7	5.7	1.0	3.8
SWI-2000	6.5	1	4.7	3.0	5.0	1.0	3.5
LSD VALUE	0.9	0	1.2	3.3	1.5	0.6	0.7
C.V. (%)	7.8	0	15.7	50.4	16.8	16.6	25.4

TABLE 16C. FALL COLOR (OCTOBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AZ1	CO1	KS1	NM1	TX1	UT1	MEAN
609	5.5	1.7	6.3	3.0	7.7	6.0	5.0
DENSITY	5.0	2.0	7.7	3.3	6.7	5.3	5.0
LEGACY	7.0	1.0	4.7	4.3	4.7	1.0	3.8
NE 95-55	6.0	1.0	4.0	4.3	4.3	1.3	3.5
378	6.0	1.0	3.3	4.3	4.0	1.0	3.3
LSD VALUE	0.7	0.4	1.1	2.2	1.1	0.6	0.5
C.V. (%)	5.4	19.4	13.1	35.3	12.5	12.4	18.1

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 17A. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CO1	NM1	TX1	UT1	MEAN
DENSITY	1.7	1.0	6.0	3.7	3.1
609	1.3	1.0	4.0	4.7	2.8
TECH TURF 1 (FRONTIER TURFALLO)	1.7	1.7	4.0	3.3	2.7
TEXOKA	1.0	2.7	2.0	2.0	1.9
BISON	1.0	2.0	2.3	2.0	1.8
BOWIE	1.0	2.7	2.0	1.3	1.8
LEGACY	1.0	2.0	2.0	1.0	1.5
NE 95-55	1.0	1.7	2.0	1.3	1.5
SWI-2000	1.0	1.3	2.3	1.3	1.5
378	1.0	1.7	2.0	1.0	1.4
LSD VALUE	0.5	2.1	0.8	1.3	0.7
C.V. (%)	27.1	73.8	18.0	38.6	41.8

TABLE 17B. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CO1	NM1	TX1	UT1	MEAN
TECH TURF 1 (FRONTIER TURFALLO)	1.7	1.7	4.0	3.3	2.7
TEXOKA	1.0	2.7	2.0	2.0	1.9
BISON	1.0	2.0	2.3	2.0	1.8
BOWIE	1.0	2.7	2.0	1.3	1.8
SWI-2000	1.0	1.3	2.3	1.3	1.5
LSD VALUE	0.4	2.7	0.6	0.7	0.7
C.V. (%)	22.8	81.9	14.4	22.4	46.7

TABLE 17C. FALL COLOR (NOVEMBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CO1	NM1	TX1	UT1	MEAN
DENSITY	1.7	1.0	6.0	3.7	3.1
609	1.3	1.0	4.0	4.7	2.8
LEGACY	1.0	2.0	2.0	1.0	1.5
NE 95-55	1.0	1.7	2.0	1.3	1.5
378	1.0	1.7	2.0	1.0	1.4
LSD VALUE	0.6	1.2	1.0	1.8	0.6
C.V. (%)	30.4	49.8	19.8	46.9	36.7

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18A. FALL COLOR (DECEMBER) RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	NM1	TX1	MEAN
DENSITY	3.0	1.0	3.0	2.3
TECH TURF 1 (FRONTIER TURFALLO)	4.0	1.0	1.7	2.2
609	2.3	1.0	2.7	2.0
TEXOKA	1.0	1.7	2.0	1.6
BISON	1.3	1.0	2.0	1.4
BOWIE	1.0	1.3	2.0	1.4
378	1.0	1.0	2.0	1.3
LEGACY	1.0	1.0	2.0	1.3
SWI-2000	1.0	1.0	2.0	1.3
NE 95-55	1.0	1.0	1.7	1.2
LSD VALUE	1.0	0.7	0.7	0.5
C.V. (%)	36.3	37.1	21.3	30.5

TABLE 18B. FALL COLOR (DECEMBER) RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	NM1	TX1	MEAN
TECH TURF 1 (FRONTIER TURFALLO)	4.0	1.0	1.7	2.2
TEXOKA	1.0	1.7	2.0	1.6
BISON	1.3	1.0	2.0	1.4
BOWIE	1.0	1.3	2.0	1.4
SWI-2000	1.0	1.0	2.0	1.3
LSD VALUE	0.4	0.9	0.8	0.4
C.V. (%)	15.5	48.1	26.7	29.5

TABLE 18C. FALL COLOR (DECEMBER) RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	NM1	TX1	MEAN
DENSITY	3.0	1	3.0	2.3
609	2.3	1	2.7	2.0
378	1.0	1	2.0	1.3
LEGACY	1.0	1	2.0	1.3
NE 95-55	1.0	1	1.7	1.2
LSD VALUE	1.3	0	0.6	0.5
C.V. (%)	49.0	0	16.1	31.4

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 19A. POA ANNUA RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	CA3
DENSITY	6.7
609	6.0
NE 95-55	5.7
378	4.7
LEGACY	4.7
TECH TURF 1 (FRONTIER TURFALLO)	4.7
BOWIE	4.0
BISON	3.3
SWI - 2000	2.7
TEXOKA	2.3
LSD VALUE	2.9
C.V. (%)	39.8

TABLE 19B. POA ANNUA RATINGS OF BUFFALOGRASS (SEDED) CULTIVARS 1/  
2005 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	CA3
TECH TURF 1 (FRONTIER TURFALLO)	4.7
BOWIE	4.0
BISON	3.3
SWI - 2000	2.7
TEXOKA	2.3
LSD VALUE	2.3
C.V. (%)	42.3

TABLE 19C. POA ANNUA RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	CA3
DENSITY	6.7
609	6.0
NE 95-55	5.7
378	4.7
LEGACY	4.7
LSD VALUE	3.3
C.V. (%)	37.3

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 20A. DORMANT COLOR RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

DORMANT COLOR RATINGS 1-9; 1=BROWN, 9=GOLDEN 2/

NAME	NM1	OK1	UT1	MEAN
DENSITY	4.3	9.0	2.0	5.1
TECH TURF 1 (FRONTIER TURFALLO)	6.3	7.3	1.7	5.1
BOWIE	7.3	6.0	1.7	5.0
BISON	6.3	6.0	2.0	4.8
NE 95-55	5.7	4.7	2.0	4.1
SWI-2000	4.3	6.0	2.0	4.1
378	5.7	5.0	1.3	4.0
609	4.7	6.0	1.3	4.0
TEXOKA	5.3	5.3	1.3	4.0
LEGACY	5.3	4.0	2.0	3.8
LSD VALUE	3.2	0.9	0.7	1.1
C.V. (%)	36.3	9.2	23.6	27.8

TABLE 20B. DORMANT COLOR RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

DORMANT COLOR RATINGS 1-9; 1=BROWN, 9=GOLDEN 2/

NAME	NM1	OK1	UT1	MEAN
TECH TURF 1 (FRONTIER TURFALLO)	6.3	7.3	1.7	5.1
BOWIE	7.3	6.0	1.7	5.0
BISON	6.3	6.0	2.0	4.8
SWI-2000	4.3	6.0	2.0	4.1
TEXOKA	5.3	5.3	1.3	4.0
LSD VALUE	3.4	0.9	0.7	1.2
C.V. (%)	35.9	9.4	25.8	28.3

TABLE 20C. DORMANT COLOR RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

DORMANT COLOR RATINGS 1-9; 1=BROWN, 9=GOLDEN 2/

NAME	NM1	OK1	UT1	MEAN
DENSITY	4.3	9.0	2.0	5.1
NE 95-55	5.7	4.7	2.0	4.1
378	5.7	5.0	1.3	4.0
609	4.7	6.0	1.3	4.0
LEGACY	5.3	4.0	2.0	3.8
LSD VALUE	3.0	0.8	0.6	1.1
C.V. (%)	36.6	9.0	21.1	27.3

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 21A. DANDELION RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

DANDELION RATINGS 1-9; 9=NONE 2/	
NAME	CA3
DENSITY	6.3
TEXOKA	6.0
LEGACY	5.3
NE 95-55	5.3
SWI-2000	5.3
TECH TURF 1 (FRONTIER TURFALLO)	5.3
378	5.0
BOWIE	5.0
609	4.7
BISON	3.3
LSD VALUE	2.4
C.V. (%)	28.9

TABLE 21B. DANDELION RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
2005 DATA

DANDELION RATINGS 1-9; 9=NONE 2/	
NAME	CA3
TEXOKA	6.0
SWI-2000	5.3
TECH TURF 1 (FRONTIER TURFALLO)	5.3
BOWIE	5.0
BISON	3.3
LSD VALUE	2.2
C.V. (%)	26.8

TABLE 21C. DANDELION RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

DANDELION RATINGS 1-9; 9=NONE 2/	
NAME	CA3
DENSITY	6.3
LEGACY	5.3
NE 95-55	5.3
378	5.0
609	4.7
LSD VALUE	2.6
C.V. (%)	30.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 22A. ARMADILLO DAMAGE RATINGS OF BUFFALOGRASS CULTIVARS 1/  
2005 DATA

ARMADILLO DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	OK1
BISON	9.0
LEGACY	9.0
TEXOKA	9.0
BOWIE	8.7
TECH TURF 1 (FRONTIER TURFALLO)	8.0
378	7.3
DENSITY	7.0
NE 95-55	6.7
SWI-2000	6.7
609	4.7
LSD VALUE	3.9
C.V. (%)	31.6

TABLE 22B. ARMADILLO DAMAGE RATINGS OF BUFFALOGRASS (SEEDDED) CULTIVARS 1/  
2005 DATA

ARMADILLO DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	OK1
BISON	9.0
TEXOKA	9.0
BOWIE	8.7
TECH TURF 1 (FRONTIER TURFALLO)	8.0
SWI-2000	6.7
LSD VALUE	3.0
C.V. (%)	22.7

TABLE 22C. ARMADILLO DAMAGE RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
2005 DATA

ARMADILLO DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	OK1
LEGACY	9.0
378	7.3
DENSITY	7.0
NE 95-55	6.7
609	4.7
LSD VALUE	4.5
C.V. (%)	40.8

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.



TABLE 23A.

TURFGRASS COLOR RATINGS OF BUFFALOGRASS CULTIVARS  
FOR EACH MONTH 1/  
2005 DATA  
TURFGRASS COLOR RATINGS 1-9; 9=BEST 2/

NAME	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
LEGACY	5.7	3.7	7.3	7.8	7.5	6.1	6.0	4.8	6.5
NE 95-55	7.0	4.5	7.2	7.4	7.5	6.4	5.2	4.7	6.5
378	5.7	4.0	7.3	7.7	7.4	6.4	5.4	4.4	6.4
BISON	5.3	3.8	6.7	7.2	7.3	6.5	6.0	5.4	6.4
609	4.3	3.7	6.1	6.0	7.1	6.6	7.6	6.2	6.3
TEXOKA	5.0	3.7	6.9	6.8	6.8	7.0	5.9	5.3	6.3
BOWIE	5.7	4.0	6.9	6.8	6.8	5.8	5.3	4.4	6.0
SWI-2000	4.3	3.7	6.8	6.6	6.8	6.2	5.4	4.3	5.9
DENSITY	6.3	4.3	5.3	5.6	5.6	5.8	5.8	5.2	5.5
TECH TURF 1 (FRONTIER TURFALLO)	4.7	3.8	5.6	6.0	6.0	5.4	4.7	4.8	5.4
LSD VALUE	1.1	4.3	2.0	1.2	1.4	2.3	3.5	5.0	2.2
C.V. (%)	11.7	45.9	28.2	20.4	20.8	27.2	39.5	54.6	25.7

TABLE 23B.

TURFGRASS COLOR RATINGS OF BUFFALOGRASS (SEDED) CULTIVARS  
FOR EACH MONTH 1/  
2005 DATA  
TURFGRASS COLOR RATINGS 1-9; 9=BEST 2/

NAME	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
BISON	5.3	3.8	6.7	7.2	7.3	6.5	6.0	5.4	6.4
TEXOKA	5.0	3.7	6.9	6.8	6.8	7.0	5.9	5.3	6.3
BOWIE	5.7	4.0	6.9	6.8	6.8	5.8	5.3	4.4	6.0
SWI-2000	4.3	3.7	6.8	6.6	6.8	6.2	5.4	4.3	5.9
TECH TURF 1 (FRONTIER TURFALLO)	4.7	3.8	5.6	6.0	6.0	5.4	4.7	4.8	5.4
LSD VALUE	1.6	3.2	2.2	1.4	1.7	1.6	3.2	3.9	1.9
C.V. (%)	14.6	45.8	30.1	19.3	22.7	25.6	41.6	55.5	27.1

TABLE 23C.

TURFGRASS COLOR RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS  
FOR EACH MONTH 1/  
2005 DATA  
TURFGRASS COLOR RATINGS 1-9; 9=BEST 2/

NAME	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
LEGACY	5.7	3.7	7.3	7.8	7.5	6.1	6.0	4.8	6.5
NE 95-55	7.0	4.5	7.2	7.4	7.5	6.4	5.2	4.7	6.5
378	5.7	4.0	7.3	7.7	7.4	6.4	5.4	4.4	6.4
609	4.3	3.7	6.1	6.0	7.1	6.6	7.6	6.2	6.3
DENSITY	6.3	4.3	5.3	5.6	5.6	5.8	5.8	5.2	5.5
LSD VALUE	1.0	3.5	1.6	1.2	1.1	2.2	2.8	3.9	1.8
C.V. (%)	9.2	47.8	26.8	21.7	19.1	28.9	38.4	55.0	24.6

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 24A. PERCENT WEED RATINGS OF BUFFALOGRASS CULTIVARS 1/  
AT STILLWATER, OK 2/  
2005 DATA

NAME	BERMUDA-GRASS	CLOVER	MISC. WEEDS
TEXOKA	24.3	0.0	25.0
TECH TURF 1 (FRONTIER TURFALLO)	4.0	0.0	20.0
BISON	28.3	13.3	13.0
378	33.7	20.0	12.7
NE 95-55	58.3	0.0	12.7
BOWIE	17.7	0.0	8.7
SWI-2000	28.3	4.3	8.0
LEGACY	53.3	8.3	5.7
DENSITY	12.7	0.0	3.3
609	56.7	13.3	2.3
LSD VALUE	33.8	42.9	22.0
C.V. (%)	55.7	262.5	86.5

TABLE 24B. PERCENT WEED RATINGS OF BUFFALOGRASS (SEEDED) CULTIVARS 1/  
AT STILLWATER, OK 2/  
2005 DATA

NAME	BERMUDA-GRASS	CLOVER	MISC. WEEDS
TEXOKA	24.3	0.0	25.0
TECH TURF 1 (FRONTIER TURFALLO)	4.0	0.0	20.0
BISON	28.3	13.3	13.0
BOWIE	17.7	0.0	8.7
SWI-2000	28.3	4.3	8.0
LSD VALUE	34.9	24.2	21.7
C.V. (%)	75.1	294.9	65.7

TABLE 24C. PERCENT WEED RATINGS OF BUFFALOGRASS (VEGETATIVE) CULTIVARS 1/  
AT STILLWATER, OK 2/  
2005 DATA

NAME	BERMUDA-GRASS	CLOVER	MISC. WEEDS
378	33.7	20.0	12.7
NE 95-55	58.3	0.0	12.7
LEGACY	53.3	8.3	5.7
DENSITY	12.7	0.0	3.3
609	56.7	13.3	2.3
LSD VALUE	38.8	48.9	23.2
C.V. (%)	43.5	245.9	134.9

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BUFFALAGRASS CULTIVARS \*/  
2005 DATA

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

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
378	4.9	11.1
609	3.9	11.1
BISON	4.7	11.1
BOWIE	5.2	22.2
DENSITY	5.0	33.3
LEGACY	4.9	44.4
NE 95-55	4.7	33.3
SWI-2000	4.7	22.2
TECH TURF 1 (FRONTIER TURFALLO)	4.6	0.0
TEXOKA	4.4	11.1
LSD VALUE	0.4	
C.V. (%)	14.2	

\*/ 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).

\*\*/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.