

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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LOCATIONS SUBMITTING DATA FOR 1996-2000

<u>State</u>	<u>Location</u>	<u>Code</u>
Iowa	Ames	IA1
Illinois	Urbana	IL1
Kentucky	Lexington	KY1
Maryland	Beltsville	UB1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
North Carolina	Raleigh	NC1
Ohio	Columbus	OH1
Oklahoma	Stillwater	OK1
Ontario	Guelph	ON1
Pennsylvania	University Park	PA1
Quebec	Quebec	QE1
Rhode Island	Kingston	RI1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1

1995 NATIONAL KENTUCKY BLUEGRASS TEST

(Low Input)

Entries and Sponsors

Entry #	Name	Sponsor
1	Eagleton	ProSeeds Marketing, Inc.
2	Lipoa	Deutsche Saatveredelung
3	Baritone (BAR VB 233)	Barenbrug USA, Inc.
4	BAR VB 3115B	Barenbrug USA, Inc.
5	Bariris (BAR VB 5649)	Barenbrug USA, Inc.
6	BAR VB 6820	Barenbrug USA, Inc.
7	Caliber	AgriBiotech, Inc.
8	BH 95-199	The Scotts Company
9	Dragon (ZPS-429)	ProSeeds Marketing, Inc.
10	Blue Star	Turf-Seed & Pennington Seed Co.
11	PST-B9-196	Pure-Seed Testing, Inc.
12	North Star (PST-A7-60)	Pure-Seed Testing & Turf-Seed
13	Baron	Standard Entry
14	Kenblue	Standard Entry
15	South Dakota	Standard Entry
16	Canterbury	Jonathan Green & Sons
17	VB 16015	Cebeco International Seeds, Inc.
18	MTT 683	Turf Merchants, Inc.
19	Baronie	Barenbrug USA
20	Bartitia	Barenbrug USA
21	Baruzo	Barenbrug USA

TABLE A.

1996-2000 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1995 NATIONAL KENTUCKY BLUEGRASS TEST (LOW INPUT)

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
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	0.0-1.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
MI1	SANDY LOAM	7.1-7.5	0-60	0-150	0.0-1.0	FULL SUN	3.6-4.0	NO IRRIGATION
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
NC1	SANDY CLAY LOAM	5.6-6.0	61-150	0-150	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
NE1	SILTY CLAY LOAM	7.1-7.5	0-60	0-150	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NJ1	SANDY LOAM	5.6-6.0	271-450	151-240	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
NJ2	SANDY LOAM	6.1-6.5	271-450	241-375	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION
OH1	SILTY CLAY LOAM	7.1-7.5	0-60	241-375	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.6-7.0	61-150	501+	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
ON1	SANDY LOAM	7.6-8.5	0-60	0-150	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
PA1	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
QE1	LOAMY SAND	7.1-7.5	0-60	0-150	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
RI1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	5.6-6.0	271-450	241-375	0.0-1.0	FULL SUN	1.6-2.0	NO IRRIGATION
UT1	SILT LOAM AND SILT	7.6-8.5	0-60	0-150	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	6.1-6.5	271-450	501+	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1996-2000

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
IA1					X	X	X	X	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	X
KY1			X	X	X	X	X	X	X	X			X	X	X
MI1			X	X	X	X	X	X	X	X	X		X	X	X
MO1			X	X	X	X	X	X	X	X	X	X	X	X	X
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NE1				X	X	X	X	X	X	X	X		X	X	X
NJ1				X	X	X	X	X	X	X	X	X	X	X	X
NJ2					X	X	X	X	X		X			X	X
OH1				X	X	X	X	X	X	X	X		X	X	X
OK1				X	X	X	X	X	X	X	X	X	X	X	X
ON1					X	X	X	X	X	X	X		X	X	X
PA1					X	X	X	X	X	X	X		X	X	X
QE1				X	X	X	X	X	X	X	X	X	X	X	X
RI1				X	X	X	X	X	X	X	X		X	X	X
UB1				X	X	X	X	X	X	X	X		X	X	X
UT1				X	X	X	X	X	X	X	X		X	X	X
VA1			X	X	X	X	X	X	X	X	X	X	X	X	X
WA1				X	X	X	X	X	X	X			X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	THATCH MEASUREMENT	LEAF SPOT	STEM RUST	DOLLAR SPOT	RED THREAD	SUMMER PATCH
IA1					X											
IL1	X	X	X	X												
KY1	X		X		X		X									
MI1	X													X		
MO1	X	X	X	X	X	X	X			X						
NC1	X	X	X	X	X	X	X	X					X	X		X
NE1		X	X	X												
NJ1	X		X			X	X	X								
NJ2						X						X				
OH1	X															
OK1	X	X	X	X	X	X	X	X						X		
ON1		X	X	X												
PA1	X				X	X	X									
QE1	X	X	X	X			X				X				X	
RI1	X															
UB1	X				X		X	X	X	X		X				
UT1	X	X	X	X				X								
VA1	X					X		X		X						
WA1	X															

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	CROWN RUST	POWDERY MILDEW	WINTER DORMANCY	STRIPE/STEM RUST	PERCENT WEEDS	PERCENT SEEDHEAD	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	SEEDHEAD RATINGS	LEAF RUST	DOLLAR SPOT JULY	DOLLAR SPOT SEPTEMBER
IA1													
IL1													
KY1													
MI1													
MD1										X			
* NC1	X										X		
NE1												X	X
NJ1		X	X	X						X			
NJ2													
OH1						X				X			
OK1													
CN1							X	X	X				
PA1													
QE1													
RI1													
UB1						X							
UT1													
VA1													
WA1													

* FOR MORE DOLLAR SPOT DATA AT "NC1", SEE TABLE 48.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT NINETEEN LOCATIONS IN THE U.S. AND CANADA 1/
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/																			
	IA1	IL1	KY1	MI1	MO1	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BAR VB 3115B	6.0	5.5	5.4	5.7	4.8	4.5	6.6	5.0	4.8	7.4	4.5	7.2	4.0	5.9	5.5	5.6	5.4	3.5	4.3	5.4
* EAGLETON	6.1	5.0	5.9	4.7	4.8	4.6	6.4	4.5	4.8	7.9	4.4	7.3	4.9	6.0	5.3	4.9	5.5	3.5	4.5	5.3
* BARONIE	5.3	4.8	7.4	5.2	4.6	5.1	6.3	4.1	3.9	7.4	5.8	7.4	4.0	5.9	4.6	4.9	5.5	3.3	4.3	5.3
* NORTH STAR (PST-A7-60)	4.7	4.7	5.7	4.9	5.2	4.7	5.7	4.3	4.7	7.7	4.3	7.3	3.9	5.9	6.3	4.9	5.7	3.2	4.6	5.2
* CALIBER	5.8	5.2	5.9	5.2	4.8	4.5	6.2	3.7	4.3	7.4	4.5	7.0	4.1	6.1	5.2	4.7	5.4	3.6	4.3	5.2
* BARON	5.1	4.5	6.3	4.9	4.9	4.9	5.7	3.8	4.7	7.4	4.3	7.0	4.1	6.0	4.8	5.1	5.5	3.2	4.7	5.1
* CANTERBURY	5.3	4.9	7.1	5.2	4.3	4.9	6.1	3.9	3.9	7.2	4.9	6.8	4.0	6.2	4.4	4.7	4.9	3.3	4.3	5.1
* BARIKIS (BAR VB 5649)	4.9	4.8	4.7	5.3	4.7	4.6	6.0	4.1	4.5	7.6	4.2	6.9	4.1	6.0	5.5	5.1	5.4	3.5	4.4	5.1
* BARTITIA	5.1	5.0	5.6	4.9	5.0	4.6	6.0	4.6	4.4	7.7	3.6	7.1	3.9	6.0	4.7	4.9	4.9	2.8	4.2	5.0
* BARTITONE (BAR VB 233)	5.5	5.1	3.4	5.2	4.8	4.7	5.8	4.3	3.9	7.5	4.3	7.3	4.3	6.1	5.3	5.1	5.1	2.8	4.5	5.0
* DRAGON (ZPS-429)	4.5	4.5	6.5	4.7	4.1	4.5	6.1	3.9	4.5	7.5	4.5	7.0	3.9	6.1	5.3	4.8	4.9	3.0	4.1	5.0
* SOUTH DAKOTA	5.6	4.9	5.9	5.0	4.9	4.3	5.4	3.5	4.6	6.8	3.9	7.0	4.2	6.0	5.1	4.7	5.0	3.5	3.5	4.9
* KENBLUE	5.9	4.7	5.8	5.2	4.6	4.3	5.3	3.4	4.3	6.7	4.5	6.9	4.2	5.9	5.4	4.1	4.9	3.6	3.3	4.9
BH 95-199	4.8	4.0	5.9	5.0	4.1	5.1	5.9	4.0	3.9	7.3	4.2	6.8	3.9	6.0	4.4	4.7	5.3	3.0	4.1	4.9
MTT 683	4.3	4.4	5.6	5.2	5.0	4.6	5.2	3.6	3.9	7.5	3.5	6.9	4.1	6.0	4.1	4.8	5.9	3.0	4.6	4.8
* BLUE STAR	4.9	4.5	6.1	4.9	4.6	4.5	5.6	3.3	4.2	7.3	3.7	6.9	3.5	5.7	4.4	4.5	5.2	3.0	4.3	4.8
PST-B9-196	4.4	4.0	6.5	4.7	3.8	4.9	5.9	3.7	4.6	7.2	4.4	6.9	4.0	5.5	3.8	5.2	4.7	3.1	4.0	4.8
VB 16015	4.4	4.0	5.8	4.6	3.7	5.0	5.5	3.5	4.2	7.4	3.7	6.8	3.7	5.8	3.6	4.7	5.0	3.2	4.5	4.7
* BARUZO	4.7	4.5	4.3	4.8	4.5	4.1	5.1	4.2	3.4	7.4	3.2	6.9	3.7	6.1	4.0	4.1	6.1	3.6	4.4	4.7
BAR VB 6820	3.4	4.2	3.2	4.8	4.2	4.2	4.8	3.7	4.3	7.3	3.4	6.7	3.8	5.8	5.0	4.8	5.7	3.0	4.8	4.6
* LIPOA	4.3	4.4	4.3	4.8	4.9	4.3	5.4	3.4	3.6	7.3	3.1	6.6	3.5	5.7	4.3	4.8	5.1	2.7	4.1	4.6
LSD VALUE	0.8	0.6	0.8	0.6	0.8	0.6	0.7	0.8	1.1	0.4	0.9	0.9	0.8	0.6	0.6	1.2	0.7	0.5	0.8	0.2
C.V. (%)	20.1	15.7	20.6	14.9	21.3	17.5	14.3	24.9	16.2	7.3	26.5	16.5	26.3	14.4	16.7	27.6	15.4	20.6	23.4	18.7

* COMMERCIALLY AVAILABLE IN THE USA IN 2001.

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 2.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH
MONTH GROWN UNDER LOW INPUT AT NINETEEN LOCATIONS IN THE U.S. AND CANADA 1/
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BAR VB 3115B	4.7	4.6	4.8	5.2	5.6	5.7	5.2	5.1	5.1	5.3	4.7	4.3	5.4
EAGLETON	4.7	4.5	4.9	4.8	5.3	5.5	5.2	5.3	5.4	5.4	4.9	4.2	5.4
BARONIE	4.9	4.7	5.5	5.3	5.5	5.4	5.1	5.1	5.2	5.4	5.0	4.9	5.4
NORTH STAR (PST-A7-60)	4.4	4.3	4.5	4.5	5.1	5.6	5.3	5.3	5.2	5.3	4.8	4.2	5.2
CALIBER	4.3	4.3	5.1	5.2	5.4	5.3	5.0	5.1	5.2	5.1	4.6	3.9	5.2
CANTERBURY	4.7	4.4	5.5	5.2	5.3	5.2	4.8	4.8	5.1	5.1	4.7	4.7	5.2
BARON	4.6	4.3	4.7	4.8	5.2	5.3	5.2	5.2	5.2	5.2	4.6	3.9	5.2
BARIRIS (BAR VB 5649)	4.6	4.5	4.7	5.0	5.3	5.3	4.9	4.9	5.0	5.1	4.7	4.1	5.1
BARTITIA	4.4	4.2	4.5	4.5	5.1	5.4	5.1	5.0	5.0	5.0	4.5	3.9	5.1
BARTIONE (BAR VB 233)	4.6	4.4	4.2	5.0	5.3	5.4	4.8	4.8	4.9	4.9	4.5	3.8	5.1
DRAGON (ZPS-429)	4.4	4.4	5.1	4.9	5.0	5.2	4.9	4.9	5.0	5.0	4.5	4.0	5.1
SOUTH DAKOTA	4.3	4.0	4.8	4.9	4.8	4.9	4.9	4.8	4.9	5.0	4.5	3.9	5.0
KENBLUE	4.3	4.2	5.0	4.8	4.5	4.8	4.8	4.9	5.2	5.1	4.6	4.1	5.0
BH 95-199	5.0	4.8	5.0	4.7	5.0	5.2	4.7	4.7	4.8	4.9	4.6	4.1	5.0
MTT 683	4.2	4.3	4.5	4.3	4.9	5.4	4.9	4.8	4.8	4.9	4.3	3.6	4.9
BLUE STAR	4.3	4.3	4.8	4.8	5.0	5.1	4.8	4.8	4.8	4.8	4.3	3.7	4.9
PST-B9-196	4.4	4.4	5.2	4.9	5.0	4.9	4.6	4.5	4.7	4.8	4.6	4.4	4.9
BARUZO	4.0	3.9	4.2	4.3	4.8	5.1	4.8	4.7	4.7	4.8	4.6	3.4	4.8
VB 16015	5.0	4.8	4.9	4.7	4.9	5.0	4.6	4.5	4.6	4.6	4.3	3.9	4.8
LIPOA	4.3	4.2	4.3	4.5	4.7	4.9	4.4	4.3	4.5	4.6	4.4	3.4	4.6
BAR VB 6820	4.0	3.9	3.7	3.9	4.4	5.1	4.7	4.6	4.6	4.7	4.5	3.5	4.6
LSD VALUE	0.6	0.6	0.8	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.3
C.V. (%)	16.3	16.1	37.2	32.2	29.4	31.9	35.2	36.5	38.8	38.0	35.5	32.7	28.4

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 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT NINETEEN LOCATIONS IN THE U.S. AND CANADA 1/
1996-2000 DATA

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

NAME	IA1	IL1	KY1	MI1	MO1	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BAR VB 3115B	2	1	16	1	7	14	1	1	2.0	9	6	5	11	15	3	1	8	4	10	1
EAGLETON	1	5	8	19	10	12	2	3	1.0	1	8	3	1	7	5	7	6	6	5	2
BARONIE	8	8	1	3	14	1	3	7	18.0	10	1	1	10	13	13	9	7	9	13	3
NORTH STAR (PST-A7-60)	14	11	13	14	1	7	12	4	3.5	3	10	4	16	14	1	8	3	12	3	4
CALIBER	4	2	7	5	9	15	4	13	10.5	11	4	10	8	3	8	14	10	1	11	5
BARON	9	13	5	12	6	4	13	12	3.5	13	9	8	7	12	11	4	5	11	2	6
CANTERBURY	7	7	2	8	16	6	6	11	15.5	19	2	18	9	1	15	18	20	8	12	7
BARIRIS (BAR VB 5649)	12	9	17	2	11	11	7	8	7.5	4	13	15	5	8	2	5	9	7	9	8
BARTITIA	10	4	15	11	2	10	8	2	9.0	2	17	6	13	11	12	6	17	19	15	9
BARITONE (BAR VB 233)	6	3	20	7	8	8	11	5	15.5	5	11	2	2	4	7	3	14	20	7	10
DRAGON (ZPS-429)	16	12	3	20	18	16	5	10	7.5	7	5	9	14	5	6	10	19	15	17	11
SOUTH DAKOTA	5	6	9	9	4	18	17	18	5.0	20	14	7	3	6	9	17	16	5	20	12
KENBLUE	3	10	11	4	12	19	18	19	12.0	21	3	13	4	16	4	20	18	2	21	13
BH 95-199	13	21	10	10	19	2	9	9	17.0	15	12	19	15	9	14	15	11	17	16	14
MTT 683	19	17	14	6	3	9	19	16	19.0	6	18	12	6	10	18	11	2	18	4	15
BLUE STAR	11	14	6	13	13	13	14	21	14.0	16	15	11	20	19	16	19	12	14	14	16
PST-B9-196	17	19	4	18	20	5	10	15	6.0	18	7	16	12	21	20	2	21	13	19	17
VB 16015	18	20	12	21	21	3	15	17	13.0	8	16	17	19	17	21	16	15	10	6	18
BARUZO	15	15	18	15	15	21	20	6	21.0	12	20	14	18	2	19	21	1	3	8	19
BAR VB 6820	21	18	21	16	17	20	21	14	10.5	17	19	20	17	18	10	12	4	16	1	20
LIPOA	20	16	19	17	5	17	16	20	20.0	14	21	21	21	20	17	13	13	21	18	21

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. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER LOW INPUT FOR EACH YEAR IN THE U.S. AND CANADA 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 3115B	5.4	5.5	5.4	5.3	5.8	5.4
EAGLETON	5.8	5.4	5.2	5.0	6.0	5.3
BARONIE	6.0	5.3	5.2	4.8	6.2	5.3
NORTH STAR (PST-A7-60)	5.6	5.4	5.2	4.7	5.6	5.2
CALIBER	5.6	5.3	5.0	4.9	5.8	5.2
BARON	5.5	5.4	5.0	4.6	5.6	5.1
CANTERBURY	5.6	5.1	5.0	4.8	6.1	5.1
BARIRIS (BAR VB 5649)	5.4	5.3	4.9	4.8	5.7	5.1
BARTITIA	5.6	5.2	5.0	4.4	5.7	5.0
BARITONE (BAR VB 233)	5.6	5.4	4.7	4.6	4.8	5.0
DRAGON (ZPS-429)	5.2	5.2	4.9	4.6	6.0	5.0
SOUTH DAKOTA	5.2	5.0	4.8	4.9	6.0	4.9
KENBLUE	5.3	4.8	4.7	5.0	5.6	4.9
BH 95-199	5.2	5.1	4.9	4.5	6.0	4.9
MTT 683	5.2	4.9	4.9	4.5	6.1	4.8
BLUE STAR	5.1	5.0	4.8	4.4	5.6	4.8
PST-B9-196	4.9	5.1	4.7	4.5	5.9	4.8
VB 16015	5.1	4.9	4.6	4.3	5.9	4.7
BARUZO	5.2	5.0	4.7	4.3	4.9	4.7
BAR VB 6820	4.7	4.9	4.6	4.2	4.8	4.6
LIPOA	5.0	4.6	4.5	4.2	5.5	4.6
LSD VALUE	0.2	0.2	0.2	0.3	0.6	0.2
C.V. (%)	9.6	10.7	12.7	14.4	13.1	18.7

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 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER LOW INPUT FOR EACH YEAR IN THE U.S. AND CANADA 1/
1996-2000 DATA

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

NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 3115B	10	1	1	1	11	1
EAGLETON	2	3	2	2	7	2
BARONIE	1	7	3	6	1	3
NORTH STAR (PST-A7-60)	3	5	4	9	14	4
CALIBER	5	6	7	4	10	5
BARON	8	2	6	12	16	6
CANTERBURY	7	11	5	7	2	7
BARIRIS (BAR VB 5649)	9	8	12	8	13	8
BARTITIA	6	9	8	16	12	9
BARITONE (BAR VB 233)	4	4	16	11	20	10
DRAGON (ZPS-429)	13	10	9	10	4	11
SOUTH DAKOTA	14	16	14	5	5	12
KENBLUE	11	20	17	3	17	13
BH 95-199	12	12	11	15	6	14
MTT 683	15	18	10	13	3	15
BLUE STAR	17	14	13	17	15	16
PST-B9-196	20	13	15	14	8	17
VB 16015	18	19	19	18	9	18
BARUZO	16	15	18	19	19	19
BAR VB 6820	21	17	20	20	21	20
LIPOA	19	21	21	21	18	21

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 4.

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 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT DIFFERENT NITROGEN LEVELS 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR)		
	0.0-1.0	1.1-2.0	MEAN
BAR VB 3115B	5.9	4.9	5.4
EAGLETON	5.7	5.0	5.3
BARONIE	5.5	5.1	5.3
NORTH STAR (PST-A7-60)	5.4	5.0	5.2
CALIBER	5.6	4.8	5.2
BARON	5.4	4.9	5.1
CANTERBURY	5.4	4.8	5.1
BARIRIS (BAR VB 5649)	5.5	4.7	5.1
BARTITIA	5.5	4.6	5.0
BARITONE (BAR VB 233)	5.5	4.6	5.0
DRAGON (ZPS-429)	5.3	4.7	5.0
SOUTH DAKOTA	5.4	4.6	4.9
KENBLUE	5.3	4.6	4.9
BH 95-199	5.2	4.6	4.9
MTT 683	5.2	4.6	4.8
BLUE STAR	5.2	4.5	4.8
PST-B9-196	5.2	4.5	4.8
VB 16015	5.1	4.4	4.7
BARUZO	5.0	4.5	4.7
BAR VB 6820	4.9	4.3	4.6
LIPOA	5.0	4.2	4.6
LSD VALUE	0.3	0.2	0.2
C.V. (%)	16.0	20.7	18.7

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 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT EIGHT LOCATIONS
USING A 0.0-1.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	MI1	NE1	NJ2	OH1	QE1	UB1	MEAN
BAR VB 3115B	6.0	5.5	5.7	6.6	4.8	7.4	5.9	5.6	5.9
EAGLETON	6.1	5.0	4.7	6.4	4.8	7.9	6.0	4.9	5.7
CALIBER	5.8	5.2	5.2	6.2	4.3	7.4	6.1	4.7	5.6
BARITONE (BAR VB 233)	5.5	5.1	5.2	5.8	3.9	7.5	6.1	5.1	5.5
BARIRIS (BAR VB 5649)	4.9	4.8	5.3	6.0	4.5	7.6	6.0	5.1	5.5
BARTITIA	5.1	5.0	4.9	6.0	4.4	7.7	6.0	4.9	5.5
BARONIE	5.3	4.8	5.2	6.3	3.9	7.4	5.9	4.9	5.5
CANTERBURY	5.3	4.9	5.2	6.1	3.9	7.2	6.2	4.7	5.4
BARON	5.1	4.5	4.9	5.7	4.7	7.4	6.0	5.1	5.4
NORTH STAR (PST-A7-60)	4.7	4.7	4.9	5.7	4.7	7.7	5.9	4.9	5.4
SOUTH DAKOTA	5.6	4.9	5.0	5.4	4.6	6.8	6.0	4.7	5.4
DRAGON (ZPS-429)	4.5	4.5	4.7	6.1	4.5	7.5	6.1	4.8	5.3
KENBLUE	5.9	4.7	5.2	5.3	4.3	6.7	5.9	4.1	5.3
BLUE STAR	4.9	4.5	4.9	5.6	4.2	7.3	5.7	4.5	5.2
BH 95-199	4.8	4.0	5.0	5.9	3.9	7.3	6.0	4.7	5.2
PST-B9-196	4.4	4.0	4.7	5.9	4.6	7.2	5.5	5.2	5.2
MTT 683	4.3	4.4	5.2	5.2	3.9	7.5	6.0	4.8	5.2
VB 16015	4.4	4.0	4.6	5.5	4.2	7.4	5.8	4.7	5.1
LIPOA	4.3	4.4	4.8	5.4	3.6	7.3	5.7	4.8	5.0
BARUZO	4.7	4.5	4.8	5.1	3.4	7.4	6.1	4.1	5.0
BAR VB 6820	3.4	4.2	4.8	4.8	4.3	7.3	5.8	4.8	4.9
LSD VALUE	0.8	0.6	0.6	0.7	1.1	0.4	0.6	1.2	0.3
C.V. (%)	20.1	15.7	14.9	14.3	16.2	7.3	14.4	27.6	16.0

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 8.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT ELEVEN LOCATIONS
USING A 1.1-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1	MO1	NC1	NJ1	OK1	ON1	PA1	RI1	UT1	VA1	WA1	MEAN
BARONIE	7.4	4.6	5.1	4.1	5.8	7.4	4.0	4.6	5.5	3.3	4.3	5.1
EAGLETON	5.9	4.8	4.6	4.5	4.4	7.3	4.9	5.3	5.5	3.5	4.5	5.0
NORTH STAR (PST-A7-60)	5.7	5.2	4.7	4.3	4.3	7.3	3.9	6.3	5.7	3.2	4.6	5.0
BAR VB 3115B	5.4	4.8	4.5	5.0	4.5	7.2	4.0	5.5	5.4	3.5	4.3	4.9
BARON	6.3	4.9	4.9	3.8	4.3	7.0	4.1	4.8	5.5	3.2	4.7	4.9
CALIBER	5.9	4.8	4.5	3.7	4.5	7.0	4.1	5.2	5.4	3.6	4.3	4.8
CANTERBURY	7.1	4.3	4.9	3.9	4.9	6.8	4.0	4.4	4.9	3.3	4.3	4.8
BARIRIS (BAR VB 5649)	4.7	4.7	4.6	4.1	4.2	6.9	4.1	5.5	5.4	3.5	4.4	4.7
DRAGON (ZPS-429)	6.5	4.1	4.5	3.9	4.5	7.0	3.9	5.3	4.9	3.0	4.1	4.7
BARTITIA	5.6	5.0	4.6	4.6	3.6	7.1	3.9	4.7	4.9	2.8	4.2	4.6
KENBLUE	5.8	4.6	4.3	3.4	4.5	6.9	4.2	5.4	4.9	3.6	3.3	4.6
EH 95-199	5.9	4.1	5.1	4.0	4.2	6.8	3.9	4.4	5.3	3.0	4.1	4.6
MTT 683	5.6	5.0	4.6	3.6	3.5	6.9	4.1	4.1	5.9	3.0	4.6	4.6
SOUTH DAKOTA	5.9	4.9	4.3	3.5	3.9	7.0	4.2	5.1	5.0	3.5	3.5	4.6
BARITONE (BAR VB 233)	3.4	4.8	4.7	4.3	4.3	7.3	4.3	5.3	5.1	2.8	4.5	4.6
EST-B9-196	6.5	3.8	4.9	3.7	4.4	6.9	4.0	3.8	4.7	3.1	4.0	4.5
BLUE STAR	6.1	4.6	4.5	3.3	3.7	6.9	3.5	4.4	5.2	3.0	4.3	4.5
BARUZO	4.3	4.5	4.1	4.2	3.2	6.9	3.7	4.0	6.1	3.6	4.4	4.5
VB 16015	5.8	3.7	5.0	3.5	3.7	6.8	3.7	3.6	5.0	3.2	4.5	4.4
BAR VB 6820	3.2	4.2	4.2	3.7	3.4	6.7	3.8	5.0	5.7	3.0	4.8	4.3
LIPOA	4.3	4.9	4.3	3.4	3.1	6.6	3.5	4.3	5.1	2.7	4.1	4.2
LSD VALUE	0.8	0.8	0.6	0.8	0.9	0.9	0.8	0.6	0.7	0.5	0.8	0.2
C.V. (%)	20.6	21.3	17.5	24.9	26.5	16.5	26.3	16.7	15.4	20.6	23.4	20.7

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

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

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT DIFFERENT MOWING HEIGHTS 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MOWING HEIGHTS (INCHES)			MEAN
	1.1-2.0	2.1-2.5	2.6+	
BAR VB 3115B	5.5	4.7	5.7	5.4
EAGLETON	5.1	4.7	5.7	5.3
BARONIE	4.8	4.5	5.8	5.3
NORTH STAR (PST-A7-60)	5.6	4.6	5.4	5.2
CALIBER	5.0	4.6	5.5	5.2
BARON	4.9	4.6	5.4	5.1
CANTERBURY	4.5	4.4	5.5	5.1
BARIRIS (BAR VB 5649)	5.3	4.5	5.3	5.1
BARTITIA	4.8	4.3	5.4	5.0
BARITONE (BAR VB 233)	5.2	4.4	5.3	5.0
DRAGON (ZPS-429)	5.0	4.3	5.3	5.0
SOUTH DAKOTA	4.9	4.3	5.3	4.9
KENBLUE	4.7	4.2	5.3	4.9
BH 95-199	4.6	4.2	5.3	4.9
MTT 683	4.4	4.4	5.2	4.8
BLUE STAR	4.4	4.3	5.2	4.8
PST-B9-196	4.5	4.2	5.2	4.8
VB 16015	4.2	4.3	5.0	4.7
BARUZO	4.0	4.4	5.0	4.7
BAR VB 6820	4.9	4.4	4.6	4.6
LIPOA	4.5	4.0	4.8	4.6
LSD VALUE	0.6	0.3	0.2	0.2
C.V. (%)	22.0	18.4	18.0	18.7

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 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER LOW INPUT AT TWO LOCATIONS
 USING A 1.1-2.0 INCH MOWING HEIGHT 1/
 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	RI1	UB1	MEAN
NORTH STAR (PST-A7-60)	6.3	4.9	5.6
BAR VB 3115B	5.5	5.6	5.5
BARIRIS (BAR VB 5649)	5.5	5.1	5.3
BARITONE (BAR VB 233)	5.3	5.1	5.2
EAGLETON	5.3	4.9	5.1
DRAGON (ZPS-429)	5.3	4.8	5.0
CALIBER	5.2	4.7	5.0
BARON	4.8	5.1	4.9
BAR VB 6820	5.0	4.8	4.9
SOUTH DAKOTA	5.1	4.7	4.9
BARTITIA	4.7	4.9	4.8
BARONIE	4.6	4.9	4.8
KENBLUE	5.4	4.1	4.7
BH 95-199	4.4	4.7	4.6
CANTERBURY	4.4	4.7	4.5
LIPOA	4.3	4.8	4.5
PST-B9-196	3.8	5.2	4.5
MTT 683	4.1	4.8	4.4
BLUE STAR	4.4	4.5	4.4
VB 16015	3.6	4.7	4.2
BARUZO	4.0	4.1	4.0
LSD VALUE	0.6	1.2	0.6
C.V. (%)	16.7	27.6	22.0

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 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER LOW INPUT AT SIX LOCATIONS
 USING A 2.1-2.5 INCH MOWING HEIGHT 1/
 1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						MEAN
	IL1	NC1	NJ2	UT1	VA1	WA1	
BAR VB 3115B	5.5	4.5	4.8	5.4	3.5	4.3	4.7
EAGLETON	5.0	4.6	4.8	5.5	3.5	4.5	4.7
BARON	4.5	4.9	4.7	5.5	3.2	4.7	4.6
NORTH STAR (PST-A7-60)	4.7	4.7	4.7	5.7	3.2	4.6	4.6
CALIBER	5.2	4.5	4.3	5.4	3.6	4.3	4.6
BARIRIS (BAR VB 5649)	4.8	4.6	4.5	5.4	3.5	4.4	4.5
BARONIE	4.8	5.1	3.9	5.5	3.3	4.3	4.5
MIT 683	4.4	4.6	3.9	5.9	3.0	4.6	4.4
BAR VB 6820	4.2	4.2	4.3	5.7	3.0	4.8	4.4
CANTERBURY	4.9	4.9	3.9	4.9	3.3	4.3	4.4
BARITONE (BAR VB 233)	5.1	4.7	3.9	5.1	2.8	4.5	4.4
BARUZO	4.5	4.1	3.4	6.1	3.6	4.4	4.4
VB 16015	4.0	5.0	4.2	5.0	3.2	4.5	4.3
BARTITIA	5.0	4.6	4.4	4.9	2.8	4.2	4.3
SOUTH DAKOTA	4.9	4.3	4.6	5.0	3.5	3.5	4.3
BLUE STAR	4.5	4.5	4.2	5.2	3.0	4.3	4.3
DRAGON (ZPS-429)	4.5	4.5	4.5	4.9	3.0	4.1	4.3
BH 95-199	4.0	5.1	3.9	5.3	3.0	4.1	4.2
PST-B9-196	4.0	4.9	4.6	4.7	3.1	4.0	4.2
KENBLUE	4.7	4.3	4.3	4.9	3.6	3.3	4.2
LIPOA	4.4	4.3	3.6	5.1	2.7	4.1	4.0
LSD VALUE	0.6	0.6	1.1	0.7	0.5	0.8	0.3
C.V. (%)	15.7	17.5	16.2	15.4	20.6	23.4	18.4

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 12.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER LOW INPUT AT ELEVEN LOCATIONS
 USING A 2.6+ INCH MOWING HEIGHT 1/
 1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	IA1	KY1	MI1	MO1	NE1	NJ1	OH1	OK1	ON1	PA1	QE1	MEAN
BARONIE	5.3	7.4	5.2	4.6	6.3	4.1	7.4	5.8	7.4	4.0	5.9	5.8
EAGLETON	6.1	5.9	4.7	4.8	6.4	4.5	7.9	4.4	7.3	4.9	6.0	5.7
BAR VB 3115B	6.0	5.4	5.7	4.8	6.6	5.0	7.4	4.5	7.2	4.0	5.9	5.7
CANTERBURY	5.3	7.1	5.2	4.3	6.1	3.9	7.2	4.9	6.8	4.0	6.2	5.5
CALIBER	5.8	5.9	5.2	4.8	6.2	3.7	7.4	4.5	7.0	4.1	6.1	5.5
NORTH STAR (PST-A7-60)	4.7	5.7	4.9	5.2	5.7	4.3	7.7	4.3	7.3	3.9	5.9	5.4
BARTITIA	5.1	5.6	4.9	5.0	6.0	4.6	7.7	3.6	7.1	3.9	6.0	5.4
BARON	5.1	6.3	4.9	4.9	5.7	3.8	7.4	4.3	7.0	4.1	6.0	5.4
DRAGON (ZPS-429)	4.5	6.5	4.7	4.1	6.1	3.9	7.5	4.5	7.0	3.9	6.1	5.3
BARIRIS (BAR VB 5649)	4.9	4.7	5.3	4.7	6.0	4.1	7.6	4.2	6.9	4.1	6.0	5.3
BARITONE (BAR VB 233)	5.5	3.4	5.2	4.8	5.8	4.3	7.5	4.3	7.3	4.3	6.1	5.3
KENBLUE	5.9	5.8	5.2	4.6	5.3	3.4	6.7	4.5	6.9	4.2	5.9	5.3
SOUTH DAKOTA	5.6	5.9	5.0	4.9	5.4	3.5	6.8	3.9	7.0	4.2	6.0	5.3
BH 95-199	4.8	5.9	5.0	4.1	5.9	4.0	7.3	4.2	6.8	3.9	6.0	5.3
MTT 683	4.3	5.6	5.2	5.0	5.2	3.6	7.5	3.5	6.9	4.1	6.0	5.2
PST-B9-196	4.4	6.5	4.7	3.8	5.9	3.7	7.2	4.4	6.9	4.0	5.5	5.2
BLUE STAR	4.9	6.1	4.9	4.6	5.6	3.3	7.3	3.7	6.9	3.5	5.7	5.2
BARUZO	4.7	4.3	4.8	4.5	5.1	4.2	7.4	3.2	6.9	3.7	6.1	5.0
VB 16015	4.4	5.8	4.6	3.7	5.5	3.5	7.4	3.7	6.8	3.7	5.8	5.0
LIPOA	4.3	4.3	4.8	4.9	5.4	3.4	7.3	3.1	6.6	3.5	5.7	4.8
BAR VB 6820	3.4	3.2	4.8	4.2	4.8	3.7	7.3	3.4	6.7	3.8	5.8	4.6
LSD VALUE	0.8	0.8	0.6	0.8	0.7	0.8	0.4	0.9	0.9	0.8	0.6	0.2
C.V. (%)	20.1	20.6	14.9	21.3	14.3	24.9	7.3	26.5	16.5	26.3	14.4	18.0

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 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT IN DIFFERENT CLIMATIC ZONES 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
BAR VB 3115B	4.7	5.8	4.9	5.4
EAGLETON	4.7	5.7	5.0	5.3
BARONIE	5.2	5.4	4.9	5.3
NORTH STAR (PST-A7-60)	4.7	5.5	5.2	5.2
CALIBER	4.7	5.5	4.9	5.2
BARON	4.8	5.3	5.1	5.1
CANTERBURY	4.9	5.3	4.6	5.1
BARIRIS (BAR VB 5649)	4.4	5.4	4.9	5.1
BARTITIA	4.4	5.4	4.6	5.0
BARITONE (BAR VB 233)	4.2	5.5	4.8	5.0
DRAGON (ZPS-429)	4.6	5.3	4.5	5.0
SOUTH DAKOTA	4.5	5.3	4.2	4.9
KENBLUE	4.5	5.3	4.1	4.9
BH 95-199	4.5	5.1	4.7	4.9
MTT 683	4.4	5.0	5.2	4.8
BLUE STAR	4.4	5.0	4.7	4.8
PST-B9-196	4.6	5.0	4.4	4.8
VB 16015	4.4	4.9	4.8	4.7
BARUZO	4.0	5.0	5.3	4.7
BAR VB 6820	3.8	4.9	5.2	4.6
LIPOA	4.0	4.8	4.6	4.6
LSD VALUE	0.3	0.2	0.5	0.2
C.V. (%)	22.5	16.7	19.1	18.7

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 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT SIX LOCATIONS
IN THE TRANSITION ZONE 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1	MO1	NC1	OK1	UB1	VA1	MEAN
BARONIE	7.4	4.6	5.1	5.8	4.9	3.3	5.2
CANTERBURY	7.1	4.3	4.9	4.9	4.7	3.3	4.9
BARON	6.3	4.9	4.9	4.3	5.1	3.2	4.8
BAR VB 3115B	5.4	4.8	4.5	4.5	5.6	3.5	4.7
CALIBER	5.9	4.8	4.5	4.5	4.7	3.6	4.7
EAGLETON	5.9	4.8	4.6	4.4	4.9	3.5	4.7
NORTH STAR (PST-A7-60)	5.7	5.2	4.7	4.3	4.9	3.2	4.7
PST-B9-196	6.5	3.8	4.9	4.4	5.2	3.1	4.6
DRAGON (ZPS-429)	6.5	4.1	4.5	4.5	4.8	3.0	4.6
SOUTH DAKOTA	5.9	4.9	4.3	3.9	4.7	3.5	4.5
KENBLUE	5.8	4.6	4.3	4.5	4.1	3.6	4.5
BH 95-199	5.9	4.1	5.1	4.2	4.7	3.0	4.5
BARIRIS (BAR VB 5649)	4.7	4.7	4.6	4.2	5.1	3.5	4.4
BARTITIA	5.6	5.0	4.6	3.6	4.9	2.8	4.4
BLUE STAR	6.1	4.6	4.5	3.7	4.5	3.0	4.4
MT 683	5.6	5.0	4.6	3.5	4.8	3.0	4.4
VB 16015	5.8	3.7	5.0	3.7	4.7	3.2	4.4
BARITONE (BAR VB 233)	3.4	4.8	4.7	4.3	5.1	2.8	4.2
LIPOA	4.3	4.9	4.3	3.1	4.8	2.7	4.0
BARUZO	4.3	4.5	4.1	3.2	4.1	3.6	4.0
BAR VB 6820	3.2	4.2	4.2	3.4	4.8	3.0	3.8
LSD VALUE	0.8	0.8	0.6	0.9	1.2	0.5	0.3
C.V. (%)	20.6	21.3	17.5	26.5	27.6	20.6	22.5

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 15.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT ELEVEN LOCATIONS
IN THE COOL-HUMID ZONE 1/
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	IA1	IL1	MI1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
BAR VB 3115B	6.0	5.5	5.7	6.6	5.0	4.8	7.4	7.2	4.0	5.9	5.5	5.8
EAGLETON	6.1	5.0	4.7	6.4	4.5	4.8	7.9	7.3	4.9	6.0	5.3	5.7
BARITONE (BAR VB 233)	5.5	5.1	5.2	5.8	4.3	3.9	7.5	7.3	4.3	6.1	5.3	5.5
CALIBER	5.8	5.2	5.2	6.2	3.7	4.3	7.4	7.0	4.1	6.1	5.2	5.5
NORTH STAR (PST-A7-60)	4.7	4.7	4.9	5.7	4.3	4.7	7.7	7.3	3.9	5.9	6.3	5.5
BARIRIS (BAR VB 5649)	4.9	4.8	5.3	6.0	4.1	4.5	7.6	6.9	4.1	6.0	5.5	5.4
BARTITIA	5.1	5.0	4.9	6.0	4.6	4.4	7.7	7.1	3.9	6.0	4.7	5.4
BARONIE	5.3	4.8	5.2	6.3	4.1	3.9	7.4	7.4	4.0	5.9	4.6	5.4
SOUTH DAKOTA	5.6	4.9	5.0	5.4	3.5	4.6	6.8	7.0	4.2	6.0	5.1	5.3
CANTERBURY	5.3	4.9	5.2	6.1	3.9	3.9	7.2	6.8	4.0	6.2	4.4	5.3
DRAGON (ZPS-429)	4.5	4.5	4.7	6.1	3.9	4.5	7.5	7.0	3.9	6.1	5.3	5.3
BARON	5.1	4.5	4.9	5.7	3.8	4.7	7.4	7.0	4.1	6.0	4.8	5.3
KENBLUE	5.9	4.7	5.2	5.3	3.4	4.3	6.7	6.9	4.2	5.9	5.4	5.3
BH 95-199	4.8	4.0	5.0	5.9	4.0	3.9	7.3	6.8	3.9	6.0	4.4	5.1
BLUE STAR	4.9	4.5	4.9	5.6	3.3	4.2	7.3	6.9	3.5	5.7	4.4	5.0
MTT 683	4.3	4.4	5.2	5.2	3.6	3.9	7.5	6.9	4.1	6.0	4.1	5.0
BARUZO	4.7	4.5	4.8	5.1	4.2	3.4	7.4	6.9	3.7	6.1	4.0	5.0
PST-B9-196	4.4	4.0	4.7	5.9	3.7	4.6	7.2	6.9	4.0	5.5	3.8	5.0
BAR VB 6820	3.4	4.2	4.8	4.8	3.7	4.3	7.3	6.7	3.8	5.8	5.0	4.9
VB 16015	4.4	4.0	4.6	5.5	3.5	4.2	7.4	6.8	3.7	5.8	3.6	4.9
LIPOA	4.3	4.4	4.8	5.4	3.4	3.6	7.3	6.6	3.5	5.7	4.3	4.8
LSD VALUE	0.8	0.6	0.6	0.7	0.8	1.1	0.4	0.9	0.8	0.6	0.6	0.2
C.V. (%)	20.1	15.7	14.9	14.3	24.9	16.2	7.3	16.5	26.3	14.4	16.7	16.7

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 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT TWO LOCATIONS
IN THE COOL-ARID ZONE 1/
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	UT1	WA1	MEAN
BARUZO	6.1	4.4	5.3
BAR VB 6820	5.7	4.8	5.2
MTT 683	5.9	4.6	5.2
NORTH STAR (PST-A7-60)	5.7	4.6	5.2
BARON	5.5	4.7	5.1
EAGLETON	5.5	4.5	5.0
BARONIE	5.5	4.3	4.9
BAR VB 3115B	5.4	4.3	4.9
BARIRIS (BAR VB 5649)	5.4	4.4	4.9
CALIBER	5.4	4.3	4.9
BARITONE (BAR VB 233)	5.1	4.5	4.8
VB 16015	5.0	4.5	4.8
BLUE STAR	5.2	4.3	4.7
BH 95-199	5.3	4.1	4.7
LIPOA	5.1	4.1	4.6
CANTERBURY	4.9	4.3	4.6
BARTITIA	4.9	4.2	4.6
DRAGON (ZPS-429)	4.9	4.1	4.5
PST-B9-196	4.7	4.0	4.4
SOUTH DAKOTA	5.0	3.5	4.2
KENBLUE	4.9	3.3	4.1
LSD VALUE	0.7	0.8	0.5
C.V. (%)	15.4	23.4	19.1

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 17.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL1	KY1	MI1	MO1	NC1	NE1	NJ1	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
VB 16015	6.8	5.9	7.9	6.8	7.4	6.8	8.6	5.3	8.4	7.9	6.7	7.9	7.3	8.8	8.0	7.3	5.6	6.7	7.2
NORTH STAR (PST-A7-60)	6.7	5.8	6.4	6.4	5.7	6.7	7.7	6.0	8.3	7.6	6.5	7.2	6.6	6.2	7.0	7.7	3.8	6.3	6.6
BARUZO	6.0	5.2	6.6	6.6	6.4	6.3	7.4	6.0	7.9	7.0	6.3	7.8	6.7	6.6	6.7	6.3	5.0	7.7	6.6
BH 95-199	6.4	5.1	7.7	6.3	6.7	6.5	6.9	6.0	8.0	7.3	6.3	7.1	6.7	7.3	7.2	6.3	5.2	5.4	6.6
DRAGON (ZPS-429)	6.8	5.2	8.1	6.3	7.2	6.5	6.8	6.0	8.1	7.4	6.0	6.9	6.5	6.8	6.2	6.2	4.4	6.3	6.5
PST-B9-196	6.4	5.8	8.3	6.5	6.7	6.5	7.0	5.5	8.2	7.3	6.2	6.6	6.5	7.4	7.5	5.6	4.8	4.7	6.5
BARON	6.4	5.5	7.1	6.5	5.9	6.4	7.7	5.3	8.1	7.7	6.3	7.4	7.0	6.2	6.2	6.6	4.3	6.4	6.5
BAR VB 6820	6.4	5.3	5.8	6.5	6.6	6.8	7.2	5.8	7.7	6.9	6.1	7.1	6.5	6.8	7.0	7.2	4.3	6.9	6.5
MTT 683	6.3	5.6	7.4	6.3	6.1	6.5	7.0	4.8	8.1	6.8	6.5	7.7	6.9	6.4	6.5	7.1	4.2	6.6	6.5
BLUE STAR	5.8	5.3	6.7	5.8	6.2	6.0	7.1	5.2	7.8	7.3	5.5	7.2	7.1	6.2	6.7	6.7	4.1	6.8	6.3
LIPOA	5.8	5.3	6.0	6.3	6.3	6.3	7.0	5.7	7.5	7.1	5.9	6.9	6.5	7.3	6.8	6.0	3.8	6.0	6.3
BARTITIA	7.0	5.5	6.9	6.6	5.7	6.2	7.1	4.7	7.9	6.9	6.1	6.8	6.1	6.1	6.5	5.9	3.9	6.1	6.2
BARIRIS (BAR VB 5649)	6.3	5.3	7.3	6.5	5.8	6.3	7.2	3.2	7.7	7.0	6.1	6.3	6.0	6.1	6.3	5.5	4.5	4.8	6.0
BARITONE (BAR VB 233)	6.3	5.0	5.7	6.5	5.9	6.3	7.2	2.7	7.7	7.2	5.8	6.8	6.3	6.3	6.7	5.1	4.6	5.0	5.9
CANTERBURY	6.3	4.7	7.2	5.8	5.9	5.7	5.9	3.2	7.5	6.6	6.0	6.4	6.1	6.2	6.5	5.8	4.6	5.0	5.8
CALIBER	6.2	4.5	7.1	6.3	5.6	5.9	6.0	3.8	7.5	6.7	5.8	6.4	5.8	5.3	6.2	4.9	4.1	4.3	5.7
EAGLETON	6.7	4.8	6.7	6.5	4.6	5.8	5.2	4.0	7.9	6.4	6.0	6.1	6.1	5.1	5.8	5.3	3.3	5.7	5.7
BARONIE	5.5	4.6	6.8	5.8	5.2	5.9	5.7	4.2	7.4	6.8	5.8	6.2	5.7	5.8	6.3	5.3	4.2	4.7	5.6
SOUTH DAKOTA	5.9	4.3	6.8	5.7	4.9	5.7	5.1	3.0	6.8	5.7	5.9	6.2	5.6	5.5	6.2	4.5	3.1	6.1	5.4
KENBLUE	5.8	4.3	6.8	5.6	4.7	5.3	5.3	3.2	6.8	6.0	6.0	6.3	5.9	5.3	5.8	4.6	2.9	6.1	5.4
BAR VB 3115B	6.8	5.0	6.3	5.7	4.4	5.4	6.0	2.7	7.4	6.3	5.6	6.3	5.2	3.8	5.0	4.5	3.9	3.3	5.2
LSD VALUE	0.8	0.7	2.0	0.7	0.7	0.6	0.5	1.7	0.6	0.6	0.9	0.6	0.7	0.7	0.6	0.9	1.1	0.9	0.2
C.V. (%)	15.9	17.6	30.8	13.4	13.6	14.2	8.2	33.6	10.3	11.1	19.0	10.4	15.8	14.5	7.8	18.8	32.9	17.4	16.9

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 18.

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	KY1	MI1	MO1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
KENBLUE	6.6	6.3	7.8	5.9	5.2	5.8	7.3	6.0	6.2	5.6	4.7	5.8	2.7	5.3	6.0	5.0	4.4	6.6	5.7
SOUTH DAKOTA	7.0	5.9	7.7	5.7	5.4	5.2	7.3	7.0	6.0	5.3	4.3	6.2	3.0	3.7	5.7	3.7	4.2	5.8	5.5
VB 16015	6.7	5.3	8.3	5.3	5.6	5.0	3.8	6.0	7.3	5.5	4.5	4.3	3.3	6.3	5.7	4.0	7.6	4.4	5.5
PST-B9-196	6.3	5.4	8.2	5.5	5.6	5.7	4.4	5.7	6.9	5.3	4.5	5.1	4.0	6.0	5.2	4.0	6.2	5.0	5.5
BARONIE	5.9	5.9	7.5	5.5	4.9	4.3	5.8	5.7	6.8	5.5	4.3	3.9	3.8	6.3	6.2	3.3	5.7	5.0	5.3
CANTERBURY	6.0	5.3	7.7	5.3	4.9	5.5	5.8	6.0	6.8	5.5	4.3	4.1	3.5	6.0	5.7	3.0	5.3	5.1	5.3
BARITONE (BAR VB 233)	5.7	5.7	6.2	5.6	4.8	6.2	4.6	5.0	6.6	5.5	4.0	4.7	3.5	7.0	5.2	3.0	6.9	4.4	5.2
BH 95-199	6.2	6.2	8.2	5.5	5.3	5.3	3.7	5.0	6.7	5.6	4.0	3.4	3.3	5.7	5.3	3.7	6.4	4.7	5.2
CALIBER	6.4	6.0	7.2	5.6	4.7	5.3	6.5	5.0	6.7	5.4	4.2	4.7	3.5	5.7	5.0	2.7	4.9	4.6	5.2
DRAGON (ZPS-429)	5.9	5.6	8.2	5.7	5.0	5.5	4.1	5.0	7.0	5.5	4.5	3.4	4.0	3.0	5.0	3.0	6.6	4.8	5.1
EAGLETON	6.0	5.2	6.3	5.4	4.7	5.3	4.9	5.0	7.3	5.1	3.8	4.4	3.5	5.7	5.3	2.3	5.6	4.3	5.0
LIPOA	6.0	5.6	6.8	5.0	4.9	4.7	4.5	5.3	6.4	5.2	4.3	3.2	3.3	6.0	5.2	2.3	6.3	4.6	5.0
BARIRIS (BAR VB 5649)	5.7	5.0	6.3	5.3	4.7	5.8	4.3	4.7	6.5	5.6	3.5	5.6	3.5	5.0	4.8	2.3	6.2	4.4	5.0
BAR VB 3115B	6.5	4.8	6.2	5.1	4.2	4.8	5.5	4.3	6.7	5.4	4.0	3.8	3.3	7.0	5.0	2.7	5.2	4.0	4.9
BARUZO	5.8	5.2	7.3	4.8	5.1	4.5	3.1	2.7	6.5	4.7	4.2	4.6	3.7	4.7	4.5	4.3	6.8	4.1	4.8
BLUE STAR	5.8	4.4	7.0	5.7	3.9	4.3	3.1	4.3	6.9	5.0	4.3	2.4	3.3	7.0	4.0	4.0	6.3	4.1	4.8
BARON	5.4	5.3	7.7	5.1	3.4	4.3	2.8	4.3	6.8	5.2	4.2	3.7	3.3	6.3	4.0	3.3	6.8	3.6	4.8
BARTITIA	5.5	4.8	6.0	4.8	4.0	4.3	3.0	4.3	6.9	4.8	4.0	3.4	3.8	6.3	4.7	3.0	6.3	3.8	4.7
BAR VB 6820	5.4	5.1	6.0	4.7	4.2	3.7	2.4	3.0	6.1	4.8	4.0	3.7	2.7	7.7	3.5	3.0	7.1	2.9	4.4
NORTH STAR (PST-A7-60)	5.1	4.2	6.8	4.0	3.1	3.5	1.9	3.7	6.7	5.1	3.0	3.4	3.7	8.3	3.5	2.3	7.1	3.3	4.4
MTT 683	5.1	4.1	6.3	4.7	2.4	4.0	2.2	3.0	6.8	4.1	3.8	2.8	2.7	7.0	3.0	2.7	5.7	2.9	4.1
LSD VALUE	1.0	1.3	1.2	1.3	1.0	2.5	1.2	1.4	0.9	1.0	2.5	0.8	0.9	1.8	1.0	1.3	0.8	0.7	0.3
C.V. (%)	21.3	25.7	15.4	29.7	24.7	45.0	34.4	18.3	17.1	23.3	52.3	21.0	22.2	18.2	18.6	24.4	13.4	16.7	25.5

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 19.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	KY1	MI1	MO1	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
KENBLUE	6.8	6.0	8.8	5.9	6.4	8.0	6.4	7.3	5.3	6.4	7.6	6.6	7.2	7.6	6.3	7.3	7.8	7.8	7.7	7.0
SOUTH DAKOTA	6.4	5.3	7.7	5.5	6.1	7.8	6.6	6.9	6.0	5.9	7.1	5.8	6.9	7.3	5.9	7.3	7.2	7.4	7.3	6.7
NORTH STAR (PST-A7-60)	6.3	5.9	8.3	5.6	7.1	7.5	6.2	7.1	4.0	5.8	7.4	5.0	6.0	6.3	6.8	7.5	7.2	7.0	6.7	6.5
LIPOA	6.3	5.7	6.5	5.3	6.3	7.2	6.3	6.4	5.0	6.1	7.3	6.6	5.7	6.7	6.4	7.5	7.3	7.2	6.4	6.4
MTT 683	6.3	5.2	7.5	5.3	6.7	6.9	6.1	5.7	5.0	5.3	7.0	5.1	6.3	6.5	6.3	7.2	7.2	7.3	7.3	6.3
BARTITIA	6.5	5.2	7.2	5.5	6.0	7.3	6.3	6.8	4.0	5.5	7.0	5.3	5.9	6.7	6.3	7.5	6.8	6.9	6.3	6.3
BAR VB 6820	6.1	5.3	5.5	5.5	6.0	7.7	6.2	5.1	6.7	5.0	7.1	4.9	5.8	6.7	6.8	7.2	6.8	7.4	7.1	6.3
BAR VB 3115B	6.7	5.6	6.6	5.7	5.7	7.0	6.2	6.6	6.0	5.3	6.7	5.3	5.7	6.6	6.2	7.0	6.8	7.2	5.6	6.2
BARUZO	6.3	5.3	6.0	5.5	6.0	7.1	5.9	7.3	4.0	4.9	6.6	4.7	6.0	6.5	6.4	6.8	7.2	7.9	6.3	6.2
CALIBER	6.5	5.3	6.5	5.7	5.6	7.0	6.2	4.7	5.7	5.3	6.7	5.1	6.0	6.5	6.1	7.0	7.0	7.4	5.7	6.1
BARONIE	6.6	5.1	7.7	5.5	5.6	7.1	6.1	5.3	4.3	4.8	6.9	5.4	5.9	6.1	5.6	7.0	6.7	6.9	5.2	6.0
BARITONE (BAR VB 233)	6.2	5.3	4.9	6.0	5.3	6.9	6.1	4.3	6.3	5.1	6.5	5.3	5.8	6.4	5.9	7.0	6.7	6.6	5.6	5.9
CANTERBURY	6.6	5.0	7.6	5.5	5.1	6.8	6.2	5.3	4.0	4.8	6.8	4.2	5.8	6.0	5.3	7.0	6.5	6.9	5.4	5.8
BARON	6.4	4.8	6.6	5.6	5.6	6.3	6.2	3.8	5.3	5.0	6.5	4.3	5.9	5.9	5.3	7.0	7.0	6.6	6.2	5.8
BARIRIS (BAR VB 5649)	6.2	5.3	5.4	5.6	5.2	6.9	6.0	4.0	4.0	5.5	6.9	5.4	6.0	6.2	5.9	6.7	6.7	6.4	5.2	5.8
BLUE STAR	6.6	4.7	6.3	5.6	5.3	6.9	6.1	4.1	3.7	4.6	6.5	5.6	5.8	6.1	5.3	7.0	6.7	6.7	5.9	5.8
BH 95-199	6.3	4.4	6.3	5.7	4.8	6.6	5.6	4.2	6.7	4.8	6.4	4.8	5.4	6.0	5.5	6.8	6.0	7.0	5.9	5.7
VB 16015	5.7	4.7	5.6	5.3	4.6	7.1	6.0	3.8	6.3	5.2	6.5	4.6	5.7	6.1	5.3	6.5	6.3	6.1	5.8	5.6
EAGLETON	6.3	5.1	6.2	5.2	4.8	6.6	5.8	3.4	4.0	5.3	6.5	5.0	5.9	6.3	5.4	6.8	6.5	6.3	5.6	5.6
DRAGON (ZPS-429)	6.3	4.9	5.4	5.7	4.4	6.5	5.9	3.8	6.3	4.6	6.6	4.4	6.0	5.8	5.2	6.7	6.0	6.1	5.4	5.6
PST-B9-196	5.4	4.3	5.2	5.2	4.0	5.5	5.4	2.2	6.3	3.9	6.3	4.1	4.9	5.3	4.7	6.0	5.8	5.3	4.9	5.0
LSD VALUE	0.6	0.7	1.5	1.0	0.5	0.8	2.1	1.3	2.7	0.6	0.6	1.5	0.4	0.5	0.5	0.5	0.5	0.8	0.5	0.2
C.V. (%)	11.0	13.9	28.2	21.6	10.1	15.3	37.5	27.8	31.9	13.8	10.2	32.2	8.2	11.4	10.7	6.8	7.1	12.9	8.7	18.1

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

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

TABLE 20.

SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	KY1	MI1	MO1	NC1	NJ1	OH1	OK1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
KENBLUE	6.7	8.3	5.3	7.0	7.0	8.0	7.3	6.0	9.0	2.7	6.7	7.0	7.3	5.0	7.3	6.7
BARONIE	4.7	8.7	7.3	6.0	7.7	7.0	7.3	5.3	5.7	2.3	7.7	6.3	6.7	6.0	7.3	6.4
EAGLETON	4.3	8.0	5.7	6.0	7.7	5.7	7.7	5.3	6.0	3.0	6.7	6.0	7.0	5.7	6.0	6.0
CALIBER	4.3	7.0	6.7	5.3	6.7	6.7	5.0	5.3	3.3	3.0	7.0	4.7	7.0	6.0	6.7	5.6
BARITONE (BAR VB 233)	3.7	7.3	4.7	5.3	7.7	6.3	7.3	5.3	4.7	2.3	5.7	5.7	6.7	4.3	7.0	5.6
BARTITIA	4.7	6.7	5.0	6.3	7.7	7.0	6.7	5.0	4.0	2.0	7.3	5.3	5.3	4.0	6.7	5.6
SOUTH DAKOTA	3.0	7.0	5.7	6.0	7.3	3.3	3.3	5.0	8.0	2.3	6.7	5.7	6.0	6.7	7.0	5.5
CANTERBURY	4.0	7.0	7.0	4.7	7.3	6.7	5.3	4.0	4.3	2.3	6.7	5.3	6.0	5.7	5.7	5.5
BLUE STAR	4.3	6.0	6.7	5.3	7.7	6.0	3.0	5.0	4.0	3.0	6.7	5.3	6.7	2.7	6.3	5.2
BARON	3.0	5.7	6.3	6.0	6.7	6.7	5.3	5.0	3.7	3.0	6.0	5.0	6.7	3.3	6.3	5.2
LIPOA	4.0	6.0	5.3	4.7	7.0	6.0	5.7	4.3	4.3	2.3	4.7	5.3	5.7	4.0	6.0	5.0
BAR VB 3115B	4.0	5.3	5.7	4.3	7.0	5.0	4.3	5.0	1.3	2.3	5.7	4.3	7.0	4.3	6.3	4.8
BARIRIS (BAR VB 5649)	2.3	6.0	5.0	4.7	8.0	3.3	5.3	4.7	2.0	2.3	6.7	4.3	6.7	4.3	6.0	4.8
DRAGON (ZPS-429)	3.0	6.0	5.0	4.7	6.7	5.3	4.3	4.7	3.3	2.3	6.7	5.3	6.3	2.3	5.3	4.8
BARUZO	2.3	5.3	5.5	4.3	6.0	5.0	4.3	3.7	3.0	2.0	6.0	3.0	7.3	5.0	6.0	4.6
NORTH STAR (PST-A7-60)	2.0	5.0	4.0	5.3	6.7	4.3	5.7	3.3	3.0	3.0	5.7	5.3	6.0	3.7	5.0	4.5
MTT 683	3.0	5.0	4.0	4.7	7.0	4.0	4.3	4.7	3.0	2.0	4.3	3.3	6.3	3.7	5.3	4.3
VB 16015	2.3	5.0	5.7	3.3	7.0	3.0	4.3	4.0	2.7	2.0	2.0	5.0	5.7	6.3	5.7	4.3
PST-B9-196	3.0	4.7	5.3	4.0	6.0	3.3	3.0	3.3	2.0	2.0	5.3	4.7	6.3	5.7	5.0	4.2
BH 95-199	2.3	5.0	5.3	4.0	6.3	5.0	2.7	4.0	1.3	2.0	5.3	4.0	6.3	3.0	5.0	4.1
BAR VB 6820	2.0	3.7	3.3	3.3	7.7	3.3	3.7	4.3	1.3	2.0	4.3	3.0	6.3	3.0	5.3	3.8
LSD VALUE	1.3	1.5	1.8	1.2	1.1	1.8	2.7	1.2	1.6	1.0	1.9	1.3	1.2	1.8	0.8	0.4
C.V. (%)	23.2	15.5	20.2	14.9	9.9	21.3	33.2	16.3	25.4	25.8	19.8	16.3	11.2	25.3	8.0	18.9

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 21. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								MEAN
	IL1	MO1	NC1	NE1	OK1	ON1	QE1	UT1	
BAR VB 3115B	7.0	6.8	5.5	8.9	6.3	4.3	6.3	6.2	6.4
BARONIE	6.0	4.8	6.2	8.6	7.1	5.3	6.3	5.7	6.2
CALIBER	6.3	6.0	5.7	8.7	6.6	4.7	6.0	5.8	6.2
BARITONE (BAR VB 233)	6.0	5.8	5.7	8.7	6.0	5.3	6.2	5.8	6.2
SOUTH DAKOTA	6.3	6.0	5.4	8.6	5.8	4.4	5.5	5.8	6.0
BARIRIS (BAR VB 5649)	5.3	5.5	5.5	8.9	6.0	4.8	6.3	5.5	6.0
EAGLETON	5.3	6.2	5.7	8.3	5.7	5.1	5.8	5.7	6.0
CANTERBURY	5.3	5.0	5.5	8.6	6.1	5.2	6.2	5.3	5.9
KENBLUE	5.7	6.0	5.7	8.7	7.1	4.1	5.1	4.8	5.9
NORTH STAR (PST-A7-60)	4.7	6.2	5.7	7.8	6.2	4.8	5.5	6.0	5.8
BARTITIA	5.7	5.8	5.3	8.3	5.4	4.6	5.9	5.5	5.8
DRAGON (ZPS-429)	5.3	4.5	5.0	8.2	6.2	4.4	6.3	5.0	5.6
BARUZO	5.3	5.8	5.0	7.2	5.0	4.3	5.8	5.8	5.5
PST-B9-196	4.3	5.0	5.5	8.3	5.5	4.4	5.7	5.5	5.5
BARON	4.0	5.3	5.4	7.6	5.8	4.8	5.7	5.7	5.5
MTT 683	4.3	6.2	4.9	8.2	5.0	4.1	4.9	6.2	5.5
BH 95-199	4.0	4.8	5.7	8.0	5.8	4.1	5.5	5.8	5.5
BLUE STAR	4.3	4.8	5.3	8.1	5.0	4.9	5.6	5.5	5.4
LIPOA	5.3	6.3	4.9	7.1	4.8	4.0	5.4	5.3	5.4
VB 16015	4.3	4.3	5.7	7.6	4.9	4.7	5.3	5.5	5.3
BAR VB 6820	4.3	5.7	4.7	7.1	4.9	4.0	5.4	5.5	5.2
LSD VALUE	1.3	1.0	0.9	0.7	1.1	1.6	1.2	0.9	0.4
C.V. (%)	15.3	15.3	21.0	9.0	24.0	38.6	25.1	13.5	21.7

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 22.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/										
	IL1	KY1	MO1	NC1	NE1	NJ1	OK1	ON1	QE1	UT1	MEAN
BAR VB 3115B	8.0	6.7	6.2	5.8	8.3	6.0	4.2	7.9	6.9	6.2	6.6
NORTH STAR (PST-A7-60)	6.3	6.7	6.8	6.3	8.1	4.7	5.4	8.0	6.3	6.0	6.5
BARONIE	6.7	8.0	5.5	6.1	8.2	4.0	5.5	8.1	6.9	5.4	6.4
BARTITIA	6.7	5.7	6.3	6.0	8.2	5.3	4.5	8.1	6.6	5.0	6.2
EAGLETON	5.0	6.3	5.5	5.8	8.0	5.3	4.6	8.2	6.3	5.8	6.1
SOUTH DAKOTA	4.0	6.7	5.5	5.9	7.8	6.0	4.3	8.1	6.5	5.6	6.0
CALIBER	5.3	6.3	5.7	6.1	7.8	3.7	4.3	8.1	6.8	5.8	6.0
KENBLUE	3.3	6.7	5.2	6.1	7.7	6.3	5.2	8.1	6.5	4.8	6.0
BARON	4.7	6.0	5.8	6.3	7.9	5.0	4.4	8.2	6.0	5.3	6.0
CANTERBURY	4.7	8.0	5.0	6.1	8.1	4.0	4.2	8.0	6.7	4.8	6.0
DRAGON (ZPS-429)	4.3	7.3	4.8	5.6	8.1	4.7	4.9	8.2	6.5	5.0	5.9
MTT 683	6.3	6.3	6.2	5.6	7.3	4.0	3.5	7.8	6.3	5.9	5.9
BARIRIS (BAR VB 5649)	5.7	5.0	5.3	6.2	7.3	4.0	3.5	8.1	6.8	5.4	5.7
BLUE STAR	4.7	6.3	5.7	6.6	7.7	3.0	3.5	8.0	6.0	5.3	5.7
BARUZO	5.0	4.3	5.7	5.1	7.4	5.3	3.0	7.9	6.8	6.1	5.7
BH 95-199	4.3	6.3	4.8	6.0	7.9	3.7	3.6	7.9	6.3	5.1	5.6
BARITONE (BAR VB 233)	5.0	3.3	5.7	6.4	7.6	3.3	4.2	8.1	6.8	5.6	5.6
LIPOA	6.7	4.0	6.0	5.8	7.0	2.7	3.2	8.1	5.9	5.8	5.5
BAR VB 6820	5.3	2.3	5.8	6.4	7.1	4.3	3.4	8.0	6.4	5.8	5.5
VB 16015	4.7	6.0	4.3	6.0	7.7	4.0	3.3	7.9	5.8	4.7	5.4
PST-B9-196	4.3	6.7	4.2	5.8	7.6	3.0	4.2	8.0	5.8	4.2	5.4
LSD VALUE	1.5	2.1	0.9	0.9	1.2	2.3	1.3	0.7	0.6	1.0	0.4
C.V. (%)	17.2	22.0	13.8	16.1	17.0	32.4	40.6	9.1	11.6	20.8	19.4

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 23. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								MEAN
	IL1	MO1	NC1	NE1	OK1	ON1	QE1	UT1	
NORTH STAR (PST-A7-60)	5.6	7.3	6.1	8.0	5.5	8.7	6.7	7.0	6.9
EAGLETON	5.3	5.8	6.3	8.8	5.7	9.0	6.8	7.0	6.9
BARONIE	5.3	5.7	6.4	8.6	6.4	9.0	6.6	6.0	6.7
BAR VB 3115B	6.0	5.7	5.7	8.8	5.3	9.0	6.9	6.7	6.7
KENBLUE	5.9	5.5	6.0	8.1	6.2	9.0	6.6	6.7	6.7
CALIBER	5.8	6.0	5.8	8.6	5.8	8.3	6.7	6.7	6.7
BARTITIA	5.4	6.5	6.1	8.1	5.4	9.0	6.7	6.0	6.6
BARITONE (BAR VB 233)	5.2	5.7	5.8	8.1	5.1	8.7	6.9	7.0	6.5
SOUTH DAKOTA	5.8	5.3	5.8	7.9	5.0	9.0	6.6	6.7	6.5
CANTERBURY	4.8	5.0	5.8	8.3	5.8	9.0	6.8	6.3	6.5
BARON	4.9	5.5	6.5	8.0	4.9	9.0	6.5	6.3	6.4
DRAGON (ZPS-429)	4.9	5.0	5.6	8.2	6.1	9.0	6.7	6.0	6.4
BARIRIS (BAR VB 5649)	4.8	5.5	5.8	8.4	4.5	9.0	6.9	6.0	6.4
BLUE STAR	5.3	5.3	6.2	7.9	4.1	9.0	6.5	6.3	6.3
LIPOA	5.9	6.3	4.8	7.6	4.4	9.0	6.5	6.0	6.3
MTT 683	4.7	6.2	5.7	7.4	4.2	9.0	6.5	6.3	6.3
BAR VB 6820	4.9	5.7	5.7	7.4	4.1	9.0	6.5	6.0	6.2
PST-B9-196	4.7	4.2	6.3	8.2	4.9	9.0	6.3	5.7	6.2
BH 95-199	3.8	4.5	6.2	8.1	4.8	9.0	6.5	6.0	6.1
BARUZO	5.3	5.5	4.6	6.9	3.6	9.0	6.8	6.3	6.0
VB 16015	4.0	4.0	5.3	7.6	4.5	9.0	6.6	5.3	5.8
LSD VALUE	1.0	0.8	0.9	0.7	1.3	0.4	0.7	1.2	0.4
C.V. (%)	20.0	13.0	19.4	9.9	30.3	2.4	15.6	11.8	16.7

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 24. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/								
NAME	IA1	KY1	MO1	NC1	OK1	PA1	UB1	MEAN
KENBLUE	70.0	86.0	82.4	90.8	88.6	56.7	93.3	81.1
BARONIE	70.0	95.3	86.2	90.0	95.2	31.7	93.3	80.3
EAGLETON	80.0	81.5	87.6	91.2	75.1	41.7	80.0	76.7
CALIBER	60.0	90.3	86.3	89.3	89.4	26.7	88.3	75.8
SOUTH DAKOTA	36.7	91.5	80.0	90.7	73.2	48.3	93.3	73.4
CANTERBURY	46.7	92.0	73.4	90.4	88.3	25.0	91.7	72.5
BARON	56.7	80.0	84.2	87.8	78.2	31.7	81.7	71.5
NORTH STAR (PST-A7-60)	36.7	74.0	85.3	86.6	80.2	30.0	88.3	68.7
BARITONE (BAR VB 233)	53.3	43.8	88.0	90.4	78.7	40.0	86.7	68.7
BAR VB 3115B	43.3	85.3	78.0	88.9	85.4	5.0	85.0	67.3
BARTITIA	40.0	79.5	83.6	83.6	68.9	25.0	90.0	67.2
BARIRIS (BAR VB 5649)	40.0	74.3	78.7	87.9	81.8	15.0	90.0	66.8
BH 95-199	40.0	87.5	64.8	92.4	83.2	13.3	85.0	66.6
DRAGON (ZPS-429)	26.7	90.8	70.3	86.7	82.0	21.7	83.3	65.9
MTT 683	33.3	87.2	76.6	86.9	70.0	25.0	81.7	65.8
BLUE STAR	43.3	83.2	75.3	89.1	65.2	23.3	80.0	65.6
PST-B9-196	30.0	91.5	65.2	89.7	80.9	13.3	85.0	65.1
VB 16015	26.7	79.0	65.9	91.4	72.2	21.7	81.7	62.6
LIPOA	50.0	72.2	84.3	83.7	46.1	11.7	90.0	62.6
BARUZO	33.3	62.0	74.7	83.6	48.9	26.7	78.3	58.2
BAR VB 6820	20.0	47.7	63.3	82.1	51.1	21.7	73.3	51.3
LSD VALUE	18.8	27.8	26.4	8.3	19.9	14.1	9.3	8.2
C.V. (%)	26.2	30.6	36.6	11.6	28.4	33.2	6.8	28.9

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 25. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MO1	NC1	NJ1	NJ2	OK1	PA1	VA1	MEAN
KENBLUE	87.8	81.5	51.7	48.3	67.1	75.0	78.3	70.0
EAGLETON	96.8	89.3	16.7	55.0	57.0	50.0	96.0	65.8
SOUTH DAKOTA	87.3	86.4	36.7	46.7	54.8	53.3	93.3	65.5
CALIBER	94.8	89.5	36.7	35.0	60.0	41.7	93.3	64.4
BARITONE (BAR VB 233)	96.0	89.7	43.3	28.3	59.2	50.0	80.0	63.8
BARONIE	94.2	87.3	25.0	30.0	78.3	38.3	91.0	63.5
BARIRIS (BAR VB 5649)	86.8	85.6	36.7	36.7	50.5	45.0	90.0	61.6
NORTH STAR (PST-A7-60)	95.3	86.6	25.0	48.3	64.8	35.0	75.0	61.4
BARON	93.3	91.5	20.0	46.7	60.9	31.7	80.0	60.6
BAR VB 3115B	91.0	87.8	31.7	50.0	52.7	28.3	80.0	60.2
CANTERBURY	83.8	89.3	30.0	30.0	66.8	33.3	86.7	60.0
BARTITIA	93.8	89.3	20.0	43.3	45.3	40.0	78.3	58.6
DRAGON (ZPS-429)	81.2	83.8	18.3	43.3	68.3	33.3	80.0	58.3
BLUE STAR	89.3	91.6	21.7	43.3	53.9	31.7	75.0	58.1
MTT 683	91.8	88.1	18.3	33.3	36.4	35.0	81.7	55.0
PST-B9-196	59.2	92.5	11.7	36.7	59.3	30.0	86.7	53.7
VB 16015	68.2	86.6	18.3	33.3	45.5	30.0	91.7	53.4
LIPOA	94.0	86.2	19.0	41.7	32.1	30.0	70.0	53.3
BARUZO	78.7	81.7	35.0	25.0	31.4	35.0	85.0	53.1
BH 95-199	71.3	90.7	21.7	35.0	51.4	25.0	71.7	52.4
BAR VB 6820	74.0	79.3	16.7	41.7	45.5	30.0	78.3	52.2
LSD VALUE	20.2	8.7	16.3	13.4	25.9	8.2	18.1	8.4
C.V. (%)	20.6	13.9	38.5	21.1	59.3	13.3	13.6	34.3

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 26. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	KY1	MO1	NC1	NJ1	OK1	PA1	QE1	UB1	MEAN
KENBLUE	94.0	97.5	88.6	52.0	72.1	48.7	63.3	90.0	75.8
SOUTH DAKOTA	86.4	98.2	87.1	43.0	53.8	42.8	63.3	80.0	69.3
EAGLETON	67.1	97.5	93.4	54.5	57.5	67.5	63.3	32.0	66.6
CANTERBURY	95.1	94.3	91.3	41.7	73.7	41.3	65.0	9.7	64.0
BARONIE	90.1	98.7	93.0	33.3	91.1	43.0	61.7	0.7	63.9
PST-B9-196	81.2	84.2	94.8	46.3	65.8	51.8	60.0	21.7	63.2
BAR VB 3115B	59.3	98.0	91.3	41.7	65.4	57.2	60.0	15.7	61.1
CALIBER	72.4	98.8	91.2	47.5	63.8	47.0	63.3	3.0	60.9
DRAGON (ZPS-429)	82.6	94.5	85.6	40.8	63.4	46.2	63.3	10.7	60.9
BARON	68.2	98.2	91.8	44.4	58.6	43.5	66.7	15.0	60.8
BH 95-199	66.2	91.0	94.3	25.8	62.5	41.0	70.0	0.7	56.4
BARIRIS (BAR VB 5649)	38.1	98.0	92.3	44.0	60.1	45.2	60.0	2.7	55.0
MTT 683	70.2	98.7	92.6	27.2	35.4	50.2	63.3	1.7	54.9
BLUE STAR	68.9	97.5	92.5	39.0	33.5	37.7	61.7	4.0	54.3
NORTH STAR (PST-A7-60)	57.9	98.8	83.5	30.4	55.5	42.3	60.0	0.3	53.6
BARITONE (BAR VB 233)	31.9	98.7	88.2	34.5	60.0	48.5	61.7	4.0	53.4
BARTITIA	59.7	98.2	85.8	36.0	42.3	44.8	60.0	0.0	53.3
VB 16015	65.1	89.0	90.8	26.3	43.5	43.7	63.3	1.3	52.9
BARUZO	44.1	96.2	86.5	30.4	19.8	32.3	61.7	10.3	47.7
LIPOA	44.0	98.7	86.3	27.6	24.1	37.5	60.0	0.3	47.3
BAR VB 6820	28.0	88.7	83.4	16.3	29.6	37.5	60.0	4.0	43.4
LSD VALUE	26.3	7.0	8.7	27.4	24.5	20.4	4.6	21.0	8.0
C.V. (%)	43.4	6.5	12.0	61.6	56.5	39.7	4.6	89.3	37.0

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 27. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

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

NAME	NC1	NJ1	OK1	UB1	UT1	VA1	MEAN
BH 95-199	5.3	4.0	5.6	6.0	3.3	5.0	4.9
VB 16015	6.0	4.0	5.6	6.7	2.3	3.7	4.7
PST-B9-196	5.6	3.5	5.6	6.3	2.3	4.3	4.6
BARONIE	5.3	6.0	4.8	4.7	2.7	3.7	4.5
BAR VB 3115B	4.8	4.7	5.2	5.7	3.0	3.3	4.4
LIPOA	5.0	4.5	6.1	5.7	1.0	3.7	4.3
CANTERBURY	5.4	4.3	5.0	4.3	2.3	4.3	4.3
BAR VB 6820	4.9	3.5	5.1	5.3	2.3	4.0	4.2
DRAGON (ZPS-429)	5.7	3.8	4.9	4.3	2.7	3.3	4.1
BARTITIA	5.0	3.5	4.8	5.7	2.0	3.7	4.1
BARIRIS (BAR VB 5649)	4.9	4.7	5.0	3.7	2.3	3.7	4.0
BARUZO	4.4	2.2	5.7	5.7	2.7	3.3	4.0
BARITONE (BAR VB 233)	4.8	3.8	5.3	4.0	2.0	4.0	4.0
MIT 683	4.7	2.8	5.7	5.0	1.3	4.3	4.0
EAGLETON	4.8	4.2	5.3	5.0	1.3	3.0	3.9
NORTH STAR (PST-A7-60)	5.2	3.0	4.9	4.7	2.0	3.3	3.9
CALIBER	4.7	3.8	4.4	4.0	2.7	3.3	3.8
BARON	5.0	2.8	4.4	4.3	1.0	3.7	3.5
SOUTH DAKOTA	4.8	3.3	4.3	4.7	1.3	2.7	3.5
KENBLUE	4.9	2.5	4.0	5.3	1.7	2.3	3.5
BLUE STAR	4.6	2.8	4.0	4.0	1.0	3.7	3.3
LSD VALUE	1.0	1.2	1.4	1.1	1.1	1.4	0.6
C.V. (%)	21.8	29.5	30.1	13.8	34.5	23.8	28.8

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 28. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1
BAR VB 3115B	6.7
BARTITIA	5.3
EAGLETON	5.3
MTT 683	5.3
BAR VB 6820	5.0
BARON	5.0
NORTH STAR (PST-A7-60)	5.0
BARUZO	4.7
PST-B9-196	4.3
SOUTH DAKOTA	4.3
KENBLUE	4.0
BARIRIS (BAR VB 5649)	3.7
CALIBER	3.7
VB 16015	3.7
BARONIE	3.3
BH 95-199	3.3
BARITONE (BAR VB 233)	3.0
BLUE STAR	3.0
CANTERBURY	3.0
DRAGON (ZPS-429)	3.0
LIPOA	2.0
LSD VALUE	1.2
C.V. (%)	18.3

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.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1997.

TABLE 29. DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	MO1	UB1	VA1	MEAN
KENBLUE	4.3	6.3	6.0	5.6
EAGLETON	3.3	7.0	4.0	4.8
BAR VB 3115B	3.0	6.7	4.3	4.7
SOUTH DAKOTA	4.3	6.7	3.0	4.7
BARIRIS (BAR VB 5649)	4.0	6.0	3.0	4.3
DRAGON (ZPS-429)	3.0	5.0	4.7	4.2
CALIBER	2.7	6.3	3.3	4.1
BARITONE (BAR VB 233)	2.7	5.7	3.7	4.0
BARUZO	2.3	4.7	4.0	3.7
BLUE STAR	2.7	5.0	3.0	3.6
PST-B9-196	2.7	6.0	2.0	3.6
BARON	2.0	5.3	2.7	3.3
BARONIE	2.7	4.0	3.0	3.2
LIPOA	2.7	4.0	3.0	3.2
VB 16015	2.0	4.3	3.3	3.2
MTT 683	2.0	4.7	2.7	3.1
NORTH STAR (PST-A7-60)	2.0	4.0	3.3	3.1
CANTERBURY	3.0	3.3	2.3	2.9
BARTITIA	2.0	4.3	2.3	2.9
BH 95-199	2.3	4.3	2.0	2.9
BAR VB 6820	2.0	4.0	2.0	2.7
LSD VALUE	1.1	1.0	1.4	0.7
C.V. (%)	26.0	12.0	27.4	20.2

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).

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

3/ DROUGHT TOLERANCE (RECOVERY) RATED AT "MO1" IN 1999, AT "UB1" IN 1997 AND AT "VA1" IN 1998.

TABLE 30. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER LOW INPUT 1/
 1996-2000 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/

NAME	QE1
BAR VB 6820	14.5
BARTITIA	8.8
NORTH STAR (PST-A7-60)	6.8
BARIRIS (BAR VB 5649)	6.2
BARITONE (BAR VB 233)	6.2
CALIBER	5.5
DRAGON (ZPS-429)	5.5
SOUTH DAKOTA	5.5
BARON	5.3
MTT 683	5.2
BAR VB 3115B	5.0
KENBLUE	5.0
LIPOA	4.8
VB 16015	4.7
BARUZO	4.3
EAGLETON	4.0
BLUE STAR	3.7
BH 95-199	3.5
PST-B9-196	3.3
CANTERBURY	3.2
BARONIE	2.5
LSD VALUE	3.8
C.V. (%)	61.3

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.

3/ THATCH MEASURED IN 1998-99.

TABLE 31. LEAF SPOT (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/		
	NJ2	UB1	MEAN
VB 16015	5.3	7.5	6.4
PST-B9-196	5.0	7.5	6.3
MTT 683	4.7	6.8	5.8
NORTH STAR (PST-A7-60)	5.0	6.5	5.8
BAR VB 6820	4.7	6.7	5.7
BAR VB 3115B	3.0	7.7	5.3
BARITONE (BAR VB 233)	4.0	6.7	5.3
BARIRIS (BAR VB 5649)	4.3	6.2	5.3
BARONIE	4.0	6.2	5.1
BARTITIA	4.0	6.2	5.1
LIPOA	4.0	6.2	5.1
BARON	4.0	6.0	5.0
DRAGON (ZPS-429)	5.0	5.0	5.0
BLUE STAR	4.3	5.3	4.8
BH 95-199	3.7	5.8	4.8
CANTERBURY	3.7	5.8	4.8
EAGLETON	3.7	5.3	4.5
CALIBER	2.7	6.0	4.3
BARUZO	2.3	5.3	3.8
SOUTH DAKOTA	1.3	3.5	2.4
KENBLUE	1.0	3.0	2.0
LSD VALUE	1.2	1.4	1.0
C.V. (%)	19.6	20.8	23.0

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.

3/ LEAF SPOT (SPRING) RATED AT "NJ1" IN 1997 AND AT "UB1" IN 1997-98.

TABLE 32. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NC1
NORTH STAR (PST-A7-60)	8.3
BH 95-199	8.2
CANTERBURY	8.2
BARONIE	8.1
BLUE STAR	8.1
EAGLETON	8.1
LIPOA	8.1
BARUZO	7.9
VB 16015	7.9
BARIRIS (BAR VB 5649)	7.7
DRAGON (ZPS-429)	7.7
MTT 683	7.7
PST-B9-196	7.7
SOUTH DAKOTA	7.7
BAR VB 6820	7.6
CALIBER	7.4
KENBLUE	7.3
BARON	7.2
BARITONE (BAR VB 233)	6.6
BAR VB 3115B	6.1
BARTITIA	6.1
LSD VALUE	1.5
C.V. (%)	21.7

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.

3/ STEM RUST RATED IN 1997-99.

TABLE 33. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MI1	NC1	OK1	MEAN
BARONIE	6.3	7.0	7.7	7.0
VB 16015	6.3	7.5	7.0	6.9
DRAGON (ZPS-429)	5.3	7.5	7.7	6.8
EAGLETON	5.7	6.7	6.7	6.3
BAR VB 6820	5.0	8.0	5.7	6.2
PST-B9-196	4.3	8.3	6.0	6.2
BARTITIA	5.0	7.8	5.7	6.2
BLUE STAR	4.0	7.3	7.0	6.1
LIPOA	6.0	6.2	6.0	6.1
BH 95-199	2.3	7.5	8.0	5.9
SOUTH DAKOTA	4.0	7.3	6.0	5.8
CANTERBURY	3.7	6.3	7.0	5.7
NORTH STAR (PST-A7-60)	4.0	7.7	5.3	5.7
KENBLUE	4.7	5.5	6.7	5.6
BARON	4.0	6.7	6.0	5.6
BAR VB 3115B	3.7	6.3	6.3	5.4
CALIBER	3.7	6.0	6.7	5.4
BARIRIS (BAR VB 5649)	4.3	5.8	6.0	5.4
BARITONE (BAR VB 233)	3.7	7.0	5.0	5.2
MTT 683	4.0	6.3	4.7	5.0
BARUZO	4.3	5.0	5.3	4.9
LSD VALUE	3.0	2.2	2.2	1.4
C.V. (%)	41.9	27.6	21.3	30.3

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.

3/ DOLLAR SPOT RATED AT "MI1" IN 1999, AT "NC1" IN 1996 & 1999 AND AT "OK1" IN 1997.

TABLE 34. RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	QE1
BAR VB 3115B	7.0
BAR VB 6820	7.0
BARIRIS (BAR VB 5649)	7.0
BARITONE (BAR VB 233)	7.0
BARON	7.0
BARONIE	7.0
BARTITIA	7.0
BH 95-199	7.0
BLUE STAR	7.0
CALIBER	7.0
CANTERBURY	7.0
EAGLETON	7.0
KENBLUE	7.0
LIPOA	7.0
MTT 683	7.0
NORTH STAR (PST-A7-60)	7.0
SOUTH DAKOTA	7.0
VB 16015	7.0
DRAGON (ZPS-429)	6.3
PST-B9-196	6.3
BARUZO	5.3
LSD VALUE	1.2
C.V. (%)	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.

3/ RED THREAD RATED IN 1998.

TABLE 35. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NC1
BARON	8.4
PST-B9-196	8.4
BLUE STAR	7.9
BARITONE (BAR VB 233)	7.8
CALIBER	7.8
CANTERBURY	7.8
BARONIE	7.7
BARIRIS (BAR VB 5649)	7.6
BH 95-199	7.4
EAGLETON	7.4
MTT 683	7.4
NORTH STAR (PST-A7-60)	7.4
BARUZO	7.2
VB 16015	7.2
BAR VB 3115B	7.0
DRAGON (ZPS-429)	7.0
SOUTH DAKOTA	7.0
KENBLUE	6.8
LIPOA	6.6
BARTITIA	6.4
BAR VB 6820	5.9
LSD VALUE	1.4
C.V. (%)	20.9

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.

3/ SUMMER PATCH RATED IN 1996 AND 1998-99.

TABLE 36. CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

CROWN RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NC1
BARIRIS (BAR VB 5649)	9.0
BARON	9.0
BARONIE	9.0
BARTITIA	9.0
BH 95-199	9.0
BLUE STAR	9.0
CANTERBURY	9.0
DRAGON (ZPS-429)	9.0
EAGLETON	9.0
KENBLUE	9.0
PST-B9-196	9.0
SOUTH DAKOTA	9.0
BAR VB 3115B	8.7
VB 16015	8.7
BARITONE (BAR VB 233)	8.3
CALIBER	8.3
MTT 683	8.3
BARUZO	7.7
BAR VB 6820	6.7
LIPOA	6.0
NORTH STAR (PST-A7-60)	5.3
LSD VALUE	1.8
C.V. (%)	13.2

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).

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

3/ CROWN RUST RATED IN 1996.

TABLE 37. POWDERY MILDEW (GREENHOUSE STUDY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

POWDERY MILDEW RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1
BARUZO	9.0
BAR VB 3115B	8.3
PST-B9-196	7.0
KENBLUE	6.7
MTT 683	6.7
SOUTH DAKOTA	4.7
BARIRIS (BAR VB 5649)	3.7
BARITONE (BAR VB 233)	3.3
EAGLETON	3.3
BARTITIA	3.0
BH 95-199	3.0
CALIBER	3.0
NORTH STAR (PST-A7-60)	3.0
BAR VB 6820	2.7
BLUE STAR	2.7
LIPOA	2.3
BARON	2.0
DRAGON (ZPS-429)	2.0
VB 16015	2.0
BARONIE	1.7
CANTERBURY	1.7
LSD VALUE	1.2
C.V. (%)	18.6

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.

3/ POWDERY MILDEW (GREENHOUSE STUDY) RATED IN 1997.

TABLE 38. WINTER DORMANCY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

DORMANCY RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	NJ1
BARTITIA	4.7
BARUZO	4.7
BARONIE	4.0
BAR VB 6820	3.7
BH 95-199	3.3
EAGLETON	3.3
LIPOA	3.3
NORTH STAR (PST-A7-60)	3.3
BARON	3.0
CALIBER	3.0
CANTERBURY	3.0
DRAGON (ZPS-429)	3.0
MTT 683	3.0
VB 16015	3.0
BAR VB 3115B	2.7
BARIRIS (BAR VB 5649)	2.7
BARITONE (BAR VB 233)	2.7
PST-B9-196	2.7
BLUE STAR	2.3
KENBLUE	2.3
SOUTH DAKOTA	2.3
LSD VALUE	2.0
C.V. (%)	39.7

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.

3/ WINTER DORMANCY RATED IN 1996.

TABLE 39. STRIPE RUST/STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

STRIPE RUST/STEM RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ1
BARUZO	9.0
NORTH STAR (PST-A7-60)	8.7
LIPOA	8.0
BH 95-199	7.7
BAR VB 3115B	7.3
EAGLETON	7.3
VB 16015	7.3
BARITONE (BAR VB 233)	7.0
BAR VB 6820	6.7
BARONIE	6.7
BARON	6.3
BARIRIS (BAR VB 5649)	6.0
PST-B9-196	5.7
BARTITIA	5.3
CALIBER	5.3
CANTERBURY	5.0
SOUTH DAKOTA	5.0
DRAGON (ZPS-429)	4.7
BLUE STAR	4.3
KENBLUE	3.3
MTT 683	3.3
LSD VALUE	1.8
C.V. (%)	17.6

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.

3/ STRIPE RUST/STEM RUST RATED IN 1996.

TABLE 40. PERCENT WEED RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER LOW INPUT 1/
 1996-2000 DATA 2/ 3/

NAME	UB1
VB 16015	71.7
EAGLETON	55.0
PST-B9-196	51.7
BH 95-199	48.3
CALIBER	46.7
BAR VB 3115B	45.0
DRAGON (ZPS-429)	43.3
KENBLUE	41.7
BLUE STAR	40.0
MTT 683	36.7
BARON	35.0
BARUZO	35.0
LIPOA	35.0
CANTERBURY	33.3
SOUTH DAKOTA	31.7
BAR VB 6820	28.3
BARONIE	28.3
BARIRIS (BAR VB 5649)	26.7
BARITONE (BAR VB 233)	23.3
BARTITIA	18.3
NORTH STAR (PST-A7-60)	18.3
LSD VALUE	24.7
C.V. (%)	40.6

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.

3/ PERCENT WEEDS RATED IN 1997.

TABLE 41. PERCENT SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER LOW INPUT 1/
 1996-2000 DATA 2/ 3/

NAME	OH1
BLUE STAR	85.0
CANTERBURY	80.0
VB 16015	76.7
PST-B9-196	71.7
SOUTH DAKOTA	68.3
LIPOA	63.3
BARON	58.3
BARTITIA	56.7
NORTH STAR (PST-A7-60)	50.0
CALIBER	46.7
BAR VB 6820	43.3
BARIRIS (BAR VB 5649)	41.7
DRAGON (ZPS-429)	40.0
MTT 683	38.3
BAR VB 3115B	31.7
BH 95-199	31.7
KENBLUE	31.7
BARONIE	25.0
BARITONE (BAR VB 233)	21.7
EAGLETON	20.0
BARUZO	18.3
LSD VALUE	35.2
C.V. (%)	45.9

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.

3/ PERCENT SEEDHEADS RATED IN 1998.

TABLE 42. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/ 3/

NAME	MO1	NJ1	OH1	MEAN
KENBLUE	8.5	9.0	8.7	8.7
CALIBER	7.8	9.0	8.3	8.4
SOUTH DAKOTA	8.2	9.0	8.0	8.4
BAR VB 3115B	8.2	8.0	8.0	8.1
EAGLETON	7.7	7.7	8.7	8.0
BARIRIS (BAR VB 5649)	7.0	8.3	8.0	7.8
BARITONE (BAR VB 233)	7.0	7.3	8.0	7.4
LIPOA	7.2	7.5	7.3	7.3
BARUZO	5.5	8.0	7.0	6.8
MTT 683	6.3	6.5	7.7	6.8
CANTERBURY	4.7	7.3	8.0	6.7
DRAGON (ZPS-429)	4.2	8.0	7.7	6.6
BH 95-199	4.5	7.0	8.0	6.5
PST-B9-196	5.8	7.0	6.3	6.4
BARONIE	4.3	7.3	7.3	6.3
VB 16015	4.2	6.0	7.0	5.7
BAR VB 6820	4.5	5.5	7.0	5.7
NORTH STAR (PST-A7-60)	5.7	2.0	7.3	5.0
BARTITIA	6.0	3.3	5.3	4.9
BLUE STAR	3.0	1.0	6.0	3.3
BARON	3.8	1.0	4.7	3.2
LSD VALUE	2.0	1.1	1.1	1.1
C.V. (%)	29.7	9.9	9.2	21.2

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).

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

3/ SEEDHEADS RATED AT "MO1" IN 1998-99, AT "NJ1" IN 1999 AND AT "OH" IN 2000.

TABLE 43. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NC1
PST-B9-196	9.0
BAR VB 3115B	8.7
BAR VB 6820	8.7
BARUZO	8.7
MTT 683	8.7
BARITONE (BAR VB 233)	8.3
CALIBER	8.3
DRAGON (ZPS-429)	8.3
EAGLETON	8.3
BARON	8.0
BH 95-199	8.0
BLUE STAR	8.0
CANTERBURY	8.0
KENBLUE	8.0
LIPOA	8.0
VB 16015	8.0
BARONIE	7.7
BARTITIA	7.7
NORTH STAR (PST-A7-60)	7.7
BARIRIS (BAR VB 5649)	7.3
SOUTH DAKOTA	7.0
LSD VALUE	0.9
C.V. (%)	6.6

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.

3/ LEAF RUST RATED IN 1998.

TABLE 44. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	ON1
CALIBER	8.0
BARON	7.7
BARTITIA	7.7
CANTERBURY	7.7
MTT 683	7.7
NORTH STAR (PST-A7-60)	7.7
VB 16015	7.7
BARIRIS (BAR VB 5649)	7.3
BARONIE	7.3
BARUZO	7.3
BH 95-199	7.3
DRAGON (ZPS-429)	7.3
KENBLUE	7.3
LIPOA	7.3
PST-B9-196	7.3
SOUTH DAKOTA	7.3
BAR VB 3115B	7.0
BAR VB 6820	7.0
BARITONE (BAR VB 233)	7.0
BLUE STAR	7.0
EAGLETON	7.0
LSD VALUE	0.8
C.V. (%)	6.6

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.

3/ FALL COLOR (SEPTEMBER) RATED IN 1999.

TABLE 45. FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	ON1
BAR VB 6820	8.0
BARITONE (BAR VB 233)	8.0
BARON	8.0
BARONIE	8.0
BARTITIA	8.0
BH 95-199	8.0
BLUE STAR	8.0
CANTERBURY	8.0
DRAGON (ZFS-429)	8.0
KENBLUE	8.0
LIPOA	8.0
MTT 683	8.0
SOUTH DAKOTA	8.0
BAR VB 3115B	7.7
BARIRIS (BAR VB 5649)	7.7
BARUZO	7.7
CALIBER	7.7
EAGLETON	7.7
NORTH STAR (PST-A7-60)	7.7
PST-B9-196	7.3
VB 16015	7.3
LSD VALUE	0.6
C.V. (%)	4.5

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.

3/ FALL COLOR (OCTOBER) RATED IN 1999.

TABLE 46. FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT 1/
1996-2000 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	ON1
BAR VB 3115B	8.0
BAR VB 6820	8.0
BARITONE (BAR VB 233)	8.0
BARON	8.0
BARONIE	8.0
BARTITIA	8.0
BH 95-199	8.0
BLUE STAR	8.0
CANTERBURY	8.0
EAGLETON	8.0
KENBLUE	8.0
MTT 683	8.0
NORTH STAR (PST-A7-60)	8.0
PST-B9-196	8.0
SOUTH DAKOTA	8.0
VB 16015	8.0
BARIRIS (BAR VB 5649)	7.7
BARUZO	7.7
CALIBER	7.7
DRAGON (ZPS-429)	7.7
LIPOA	7.7
LSD VALUE	0.5
C.V. (%)	3.6

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.

3/ FALL COLOR (NOVEMBER) RATED IN 1999.

TABLE 47. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT MEAD, NE 1/
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JULY	SEPTEMBER	MEAN
VB 16015	8.3	7.7	8.0
BH 95-199	8.3	7.3	7.8
PST-B9-196	8.0	7.3	7.7
BARON	8.0	6.7	7.3
EAGLETON	7.0	7.7	7.3
BARONIE	7.3	6.7	7.0
DRAGON (ZPS-429)	7.7	6.3	7.0
BLUE STAR	8.0	5.7	6.8
CANTERBURY	7.3	6.0	6.7
BAR VB 3115B	5.7	7.0	6.3
BARUZO	8.0	4.0	6.0
NORTH STAR (PST-A7-60)	6.0	5.3	5.7
BAR VB 6820	5.7	5.0	5.3
BARTITIA	6.3	4.3	5.3
CALIBER	4.3	5.3	4.8
LIPOA	5.7	4.0	4.8
BARITONE (BAR VB 233)	4.0	4.7	4.3
SOUTH DAKOTA	5.0	3.7	4.3
BARIRIS (BAR VB 5649)	3.7	4.3	4.0
KENBLUE	4.3	3.3	3.8
MTT 683	2.3	3.3	2.8
LSD VALUE	2.3	1.2	1.4
C.V. (%)	22.7	14.2	15.1

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.

3/ DOLLAR SPOT RATED IN 1998.

TABLE 48.

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW INPUT AT RALEIGH, NC 1/
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	AUG. 97	SEP. 97	JUNE 98	JULY 98	JUNE 00	JULY 00	MEAN
BARON	8.7	8.3	8.0	8.3	7.3	7.3	8.0
SOUTH DAKOTA	8.0	8.3	8.0	7.3	8.0	7.3	7.8
BH 95-199	8.3	8.3	7.7	7.7	7.7	6.7	7.7
BLUE STAR	8.7	9.0	8.0	7.3	6.7	6.3	7.7
VB 16015	8.0	8.3	8.3	7.0	7.3	6.3	7.6
BAR VB 6820	8.0	9.0	7.3	6.7	7.3	6.7	7.5
BARONIE	8.7	9.0	7.7	6.7	6.7	6.3	7.5
CANTERBURY	8.3	9.0	7.0	7.3	7.3	6.0	7.5
EAGLETON	7.3	7.0	7.3	7.7	7.7	7.3	7.4
BARITONE (BAR VB 233)	7.0	7.3	8.0	7.0	7.7	6.0	7.2
DRAGON (ZPS-429)	7.3	8.3	7.0	7.0	7.0	6.7	7.2
BARUZO	5.7	8.3	7.7	6.7	7.7	6.7	7.1
MTT 683	7.0	7.3	8.0	6.7	6.7	6.3	7.0
BAR VB 3115B	5.7	7.7	7.7	5.7	7.7	7.0	6.9
BARTITIA	8.3	8.0	6.3	5.0	7.0	6.7	6.9
CALIBER	7.7	8.0	7.0	6.3	6.7	6.0	6.9
LIPOA	6.0	7.3	7.0	7.3	7.0	7.0	6.9
PST-B9-196	7.3	6.0	7.7	6.7	7.0	7.0	6.9
NORTH STAR (PST-A7-60)	7.3	7.0	6.7	6.7	6.7	6.3	6.8
KENBLUE	6.7	8.3	6.3	5.7	6.7	6.0	6.6
BARIRIS (BAR VB 5649)	6.3	7.7	6.0	5.7	6.0	6.0	6.3
LSD VALUE	3.7	2.5	3.0	4.6	1.9	2.1	1.5
C.V. (%)	19.0	13.1	14.4	21.6	10.2	11.4	14.7

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.