

## **NATIONAL TURFGRASS EVALUATION PROGRAM**

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

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

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

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LOCATIONS SUBMITTING DATA FOR 1999

<u>State</u>	<u>Location</u>	<u>Code</u>
Iowa	Ames	IA1
Illinois	Urbana	IL1
Kentucky	Lexington	KY1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
North Carolina	Raleigh	NC1
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
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
2	Lipoa	Deutsche Saatveredelung
3	BAR VB 233	Barenbrug Holland
4	BAR VB 3115B	Barenbrug Holland
5	BAR VB 5649	Barenbrug Holland
6	BAR VB 6820	Barenbrug Holland
7	Caliber	AgriBiotech, Inc.
8	BH 95-199	O. M. Scott & Sons
9	Dragon (ZPS-429)	ProSeeds Marketing
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.

1999 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	NO IRRIGATION
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	4.1+	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	NO IRRIGATION
NC1	-	-	-	-	-	-	-	-
NE1	SILTY CLAY LOAM	7.1-7.5	0-60	0-150	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
NJ1	SANDY LOAM	6.1-6.5	271-450	151-240	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
OH1	SILTY CLAY LOAM	7.1-7.5	0-60	151-240	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	2.1-2.5	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	NO IRRIGATION
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	0-60	0-150	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
VA1	-	-	-	-	-	-	-	-
WA1	SILT LOAM AND SILT	6.1-6.5	271-450	501+	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1999

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	
KY1			X	X	X	X	X	X	X	X					X
MI1				X	X	X	X	X					X	X	X
MO1				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
NJ1				X	X	X			X					X	
OH1				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		
PA1					X	X	X	X	X	X	X		X	X	X
QE1					X	X	X	X	X	X			X		X
RI1				X	X	X	X	X	X	X	X		X	X	X
UT1				X	X	X	X	X	X	X	X		X		
VA1			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 1999

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE RECOVERY	THATCH MEASUREMENTS	STEM RUST	DOLLAR SPOT	SUMMER PATCH	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	SEEDHEAD RATING	PERCENT PATCH DISEASE
IA1																	
IL1			X														
KY1		X		X		X											X
MI1											X						
MO1								X								X	
NC1	X	X	X	X	X	X				X	X	X					
NE1																	
NJ1					X	X	X										X
OH1																	
OK1	X	X	X	X	X	X	X										
ON1	X	X	X										X	X	X		
PA1						X											
QE1	X	X	X						X								
RI1																	
UT1		X															
VA1							X										
WA1																	

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT AT SEVENTEEN LOCATIONS IN THE U.S. AND CANADA 1/  
1999 DATA

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

NAME	IA1	IL1	KY1	MI1	MO1	NC1	NE1	NJ1	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
BAR VB 3115B	5.4	5.1	5.6	5.8	3.6	4.0	6.7	6.2	7.1	4.4	7.2	3.4	7.2	5.9	5.0	3.6	3.9	5.3
* EAGLETON	4.9	4.1	5.3	5.2	3.1	4.3	5.8	5.0	7.3	3.7	7.2	4.2	7.2	6.4	5.5	3.0	3.5	5.0
* KENBLUE	5.6	4.1	6.2	6.1	3.6	4.4	5.8	4.3	6.2	4.7	7.4	3.0	6.9	5.4	4.4	3.5	3.0	5.0
* CALIBER	4.6	4.6	5.7	5.3	3.4	4.2	6.1	4.8	7.0	3.7	7.1	3.0	7.2	5.1	5.0	3.4	3.3	4.9
* SOUTH DAKOTA	4.8	4.5	6.4	5.1	4.1	3.8	5.5	4.6	6.4	3.6	7.4	3.2	7.0	5.4	4.7	3.2	2.7	4.9
* BARONIE	3.2	3.8	7.0	5.3	3.0	4.7	5.5	4.2	7.0	5.8	7.2	3.4	7.2	4.0	5.0	2.9	3.1	4.8
* CANTERBURY	3.9	4.0	7.0	5.1	3.4	4.3	5.0	4.5	6.8	4.9	7.2	3.4	7.2	4.2	4.5	3.0	3.2	4.8
BARIRIS (BAR VB 5649)	3.4	4.1	4.0	4.9	3.4	4.1	5.7	4.3	7.5	3.8	7.2	3.1	7.2	6.1	5.6	3.4	3.4	4.8
* NORTH STAR (EST-A7-60)	3.3	4.2	5.0	4.5	3.5	3.8	4.3	3.0	7.9	3.9	7.2	3.1	7.2	6.9	5.4	3.0	4.1	4.7
* DRAGON (ZPS-429)	3.7	3.7	6.5	5.1	2.8	3.7	5.5	3.3	7.7	3.6	7.2	3.1	7.2	5.0	5.1	2.7	3.2	4.6
BAR VB 233	4.1	4.2	2.0	4.8	3.4	3.9	5.0	5.0	7.6	3.9	7.2	3.1	7.2	5.7	5.1	2.4	3.5	4.6
* BARON	3.1	3.6	5.3	4.7	3.1	3.9	4.9	3.0	7.4	4.1	7.2	3.3	7.2	4.5	6.0	2.8	4.0	4.6
MTT 683	3.3	4.0	5.9	5.0	3.4	4.2	4.2	2.9	7.5	3.0	7.3	3.1	7.1	4.3	5.7	2.4	4.0	4.5
PST-B9-196	3.4	3.4	6.5	4.5	3.0	4.4	4.8	3.4	7.6	4.4	7.1	3.5	6.6	4.0	4.3	2.7	2.7	4.5
BH 95-199	4.0	3.2	5.8	4.9	3.3	4.6	4.9	3.3	7.6	3.3	7.3	3.2	7.1	2.2	5.0	2.5	3.4	4.5
* BARTITIA	3.6	4.0	5.0	5.2	3.4	3.4	5.4	3.4	7.6	3.0	7.3	2.6	7.2	2.8	5.0	2.4	3.5	4.4
* BLUE STAR	3.8	3.7	5.4	4.6	3.2	4.2	4.9	2.8	7.6	2.9	7.3	2.8	6.9	3.7	5.1	2.7	3.2	4.4
VB 16015	4.2	3.4	5.2	4.7	2.5	4.8	4.1	2.8	7.4	3.1	7.1	3.5	7.1	2.9	5.1	2.6	3.3	4.3
* BARUZO	3.4	3.6	3.3	4.6	3.5	4.0	4.7	3.2	7.4	3.0	7.2	2.7	7.1	3.5	5.6	3.4	3.6	4.3
BAR VB 6820	3.1	4.0	2.3	4.7	3.3	3.6	4.3	2.4	7.5	2.3	7.3	3.3	7.0	4.9	5.3	2.3	4.5	4.2
* LIPOA	3.4	3.6	3.7	4.9	3.3	3.8	5.3	2.5	7.3	1.9	7.0	2.7	6.8	3.7	5.5	2.7	3.4	4.2
LSD VALUE	1.3	0.7	2.2	1.2	0.4	0.6	0.8	1.3	0.4	2.4	0.3	0.7	0.4	0.8	0.9	0.5	0.7	0.3
C.V. (%)	20.7	10.8	26.0	14.4	8.4	8.6	9.8	22.2	3.7	40.3	2.7	13.7	3.3	11.4	10.8	11.2	12.7	14.5

\* COMMERCIALY AVAILABLE IN THE USA IN 2000.

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 SEVENTEEN LOCATIONS IN THE U.S. AND CANADA 1/  
1999 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	4.3	4.3	4.7	4.9	5.8	5.9	5.1	4.5	4.5	5.4	4.9	4.2	5.3
EAGLETON	5.0	4.7	4.2	4.6	5.2	5.4	4.9	4.4	4.8	5.2	5.0	3.9	5.0
KENBLUE	4.7	4.3	4.6	5.3	5.0	5.0	5.0	4.4	4.7	5.0	4.7	4.2	5.0
CALIBER	4.3	4.0	4.7	4.9	5.3	5.2	4.9	4.4	4.5	4.8	4.5	3.4	4.9
SOUTH DAKOTA	4.0	3.3	3.8	5.1	5.0	5.1	5.1	4.1	4.4	5.0	4.3	3.9	4.9
BARONIE	4.7	4.3	4.7	4.8	5.3	5.2	4.7	4.1	4.4	5.0	4.8	5.0	4.8
CANTERBURY	4.7	4.3	4.8	4.8	5.2	5.1	4.8	4.0	4.4	4.7	4.6	4.3	4.8
BARIRIS (BAR VB 5649)	4.3	3.7	4.0	4.4	5.2	5.3	4.8	4.2	4.2	4.8	4.7	4.0	4.8
NORTH STAR (PST-A7-60)	4.0	4.0	3.8	3.9	4.9	5.3	5.1	4.2	4.5	5.0	4.7	3.7	4.7
DRAGON (ZPS-429)	4.0	4.0	4.8	4.5	4.9	5.0	4.7	4.1	4.3	4.6	4.0	3.3	4.6
BAR VB 233	4.0	3.3	2.4	4.2	4.9	5.0	4.5	4.1	4.2	4.6	4.3	3.6	4.6
BARON	4.0	3.3	3.4	4.3	4.8	4.8	4.8	4.2	4.3	4.6	4.5	4.0	4.6
MTT 683	4.0	4.3	4.1	3.8	4.8	5.1	4.8	4.0	4.2	4.5	4.3	3.6	4.5
PST-B9-196	4.0	4.0	4.3	4.6	4.8	4.6	4.4	3.8	4.3	4.6	4.5	4.2	4.5
BH 95-199	4.7	4.7	4.3	4.2	4.7	5.0	4.4	3.9	3.9	4.5	4.1	4.0	4.5
BARITTIA	3.7	3.3	3.7	3.9	4.7	4.8	4.8	3.9	3.9	4.3	3.6	3.1	4.4
BLUE STAR	4.0	3.7	4.0	4.2	4.7	4.6	4.6	4.0	4.1	4.4	4.0	3.6	4.4
VB 16015	5.0	5.0	3.8	4.3	4.7	4.5	4.4	3.8	4.1	4.3	3.8	3.7	4.3
BARUZO	4.3	4.0	3.4	3.9	4.6	4.6	4.6	4.0	3.9	4.2	4.3	3.8	4.3
BAR VB 6820	4.0	3.7	2.6	3.4	4.2	4.5	4.6	3.9	4.0	4.7	4.1	2.9	4.2
LIPCA	4.0	3.7	3.6	4.0	4.4	4.5	4.4	3.6	3.9	4.3	3.8	2.9	4.2
LSD VALUE	0.6	0.9	1.8	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.1	1.1	0.6
C.V. (%)	8.9	14.4	48.2	33.1	31.0	35.0	37.5	48.1	51.3	44.8	42.6	32.6	34.8

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 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT AT SEVENTEEN LOCATIONS IN THE U.S. AND CANADA 1/  
1999 DATA

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

NAME	IA1	IL1	KY1	MI1	MO1	NC1	NE1	NJ1	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
BAR VB 3115B	2.0	1.0	10.0	2.0	3.0	13.0	1.0	1.0	16.0	4.0	15.5	5.0	8.5	4.0	14.5	1.0	5.0	1
EAGLETON	3.0	7.5	13.0	5.5	16.5	6.0	3.5	2.5	14.5	10.0	15.5	1.0	8.5	2.0	5.0	7.5	8.0	2
KENBLUE	1.0	7.5	6.0	1.0	2.0	4.5	3.5	7.0	21.0	3.0	1.0	16.0	19.0	7.0	20.0	2.0	19.0	3
CALIBER	5.0	2.0	9.0	3.5	9.0	10.0	2.0	4.0	18.0	11.0	19.5	17.0	3.0	8.0	14.5	3.5	14.0	4
SOUTH DAKOTA	4.0	3.0	5.0	7.0	1.0	17.0	7.5	5.0	20.0	12.0	2.0	9.5	16.5	6.0	18.0	6.0	20.0	5
BARONIE	19.0	13.0	1.0	3.5	18.0	2.0	6.0	9.0	17.0	1.0	9.0	5.0	8.5	15.0	13.0	10.0	18.0	6
CANTERBURY	9.0	9.0	2.0	8.0	9.0	7.0	11.5	6.0	19.0	2.0	9.0	5.0	3.0	13.0	19.0	9.0	16.5	7
BARIRIS (BAR VB 5649)	13.5	6.0	17.0	11.0	9.0	11.0	5.0	8.0	10.0	9.0	12.0	14.0	3.0	3.0	3.5	5.0	11.5	8
NORTH STAR (PST-A7-60)	18.0	5.0	16.0	21.0	4.5	18.0	19.0	15.5	1.0	7.0	9.0	12.0	3.0	1.0	7.0	7.5	2.0	9
DRAGON (ZPS-429)	11.0	14.5	3.5	9.0	20.0	19.0	7.5	13.0	2.0	13.0	15.5	15.0	8.5	9.0	12.0	12.5	16.5	10
BAR VB 233	7.0	4.0	21.0	14.0	9.0	14.0	11.5	2.5	5.5	8.0	15.5	12.0	8.5	5.0	10.0	20.0	8.0	11
BARON	21.0	16.5	12.0	15.5	16.5	15.0	13.5	15.5	12.0	6.0	12.0	7.0	8.5	11.0	1.0	11.0	4.0	12
MTT 683	17.0	11.5	7.0	10.0	6.0	9.0	20.0	17.0	8.5	17.5	5.0	12.0	12.5	12.0	2.0	18.0	3.0	13
PST-B9-196	15.0	20.0	3.5	20.0	19.0	4.5	16.0	10.5	5.5	5.0	19.5	2.0	21.0	14.0	21.0	14.5	21.0	14
BH 95-199	8.0	21.0	8.0	13.0	14.0	3.0	13.5	12.0	3.5	14.0	5.0	9.5	14.0	21.0	16.5	17.0	11.5	15
BARTITIA	12.0	10.0	15.0	5.5	9.0	21.0	9.0	10.5	3.5	16.0	5.0	21.0	3.0	20.0	16.5	19.0	8.0	16
BLUE STAR	10.0	14.5	11.0	18.0	15.0	8.0	15.0	18.5	7.0	19.0	5.0	18.0	18.0	16.5	10.0	12.5	15.0	17
VB 16015	6.0	19.0	14.0	17.0	21.0	1.0	21.0	18.5	12.0	15.0	18.0	3.0	15.0	19.0	10.0	16.0	13.0	18
BARUZO	13.5	18.0	19.0	19.0	4.5	12.0	17.0	14.0	12.0	17.5	12.0	19.5	12.5	18.0	3.5	3.5	6.0	19
BAR VB 6820	20.0	11.5	20.0	15.5	12.0	20.0	18.0	21.0	8.5	20.0	5.0	8.0	16.5	10.0	8.0	21.0	1.0	20
LIPOA	16.0	16.5	18.0	12.0	13.0	16.0	10.0	20.0	14.5	21.0	21.0	19.5	20.0	16.5	6.0	14.5	10.0	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 AT DIFFERENT NITROGEN LEVELS 1/  
1999 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	2.1+	MEAN
BAR VB 3115B	5.7	4.7	5.5	5.3
EAGLETON	5.2	4.5	5.9	5.0
KENBLUE	5.2	4.7	4.9	5.0
CALIBER	5.2	4.4	5.0	4.9
SOUTH DAKOTA	5.0	4.6	5.1	4.9
BARONIE	4.9	4.9	4.5	4.8
CANTERBURY	4.9	4.8	4.4	4.8
BARIRIS (BAR VB 5649)	5.0	4.2	5.8	4.8
NORTH STAR (PST-A7-60)	4.6	4.5	6.1	4.7
DRAGON (ZPS-429)	4.7	4.4	5.0	4.6
BAR VB 233	4.9	3.8	5.4	4.6
BARON	4.5	4.5	5.2	4.6
MTT 683	4.5	4.5	5.0	4.5
PST-B9-196	4.5	4.5	4.1	4.5
BH 95-199	4.7	4.4	3.6	4.5
BARTITIA	4.7	4.1	3.9	4.4
BLUE STAR	4.6	4.1	4.4	4.4
VB 16015	4.6	4.1	4.0	4.3
BARUZO	4.6	3.9	4.5	4.3
BAR VB 6820	4.3	3.8	5.1	4.2
LIPOA	4.5	3.7	4.6	4.2
LSD VALUE	0.3	0.6	0.6	0.3
C.V. (%)	11.4	20.0	11.1	14.5

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 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN UNDER LOW INPUT AT NINE LOCATIONS  
 USING A 0.0-1.0 LBS. OF NITROGEN/1000 SQ. FT. /YEAR 1/  
 1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
	IA1	IL1	MI1	NC1	NE1	NJ1	OH1	QE1	VA1	MEAN
BAR VB 3115B	5.4	5.1	5.8	4.0	6.7	6.2	7.1	7.2	3.6	5.7
CALIBER	4.6	4.6	5.3	4.2	6.1	4.8	7.0	7.2	3.4	5.2
EAGLETON	4.9	4.1	5.2	4.3	5.8	5.0	7.3	7.2	3.0	5.2
KENBLUE	5.6	4.1	6.1	4.4	5.8	4.3	6.2	6.9	3.5	5.2
SOUTH DAKOTA	4.8	4.5	5.1	3.8	5.5	4.6	6.4	7.0	3.2	5.0
BARIRIS (BAR VB 5649)	3.4	4.1	4.9	4.1	5.7	4.3	7.5	7.2	3.4	5.0
BAR VB 233	4.1	4.2	4.8	3.9	5.0	5.0	7.6	7.2	2.4	4.9
CANTERBURY	3.9	4.0	5.1	4.3	5.0	4.5	6.8	7.2	3.0	4.9
BARONIE	3.2	3.8	5.3	4.7	5.5	4.2	7.0	7.2	2.9	4.9
DRAGON (ZPS-429)	3.7	3.7	5.1	3.7	5.5	3.3	7.7	7.2	2.7	4.7
BARTITIA	3.6	4.0	5.2	3.4	5.4	3.4	7.6	7.2	2.4	4.7
BH 95-199	4.0	3.2	4.9	4.6	4.9	3.3	7.6	7.1	2.5	4.7
BARUZO	3.4	3.6	4.6	4.0	4.7	3.2	7.4	7.1	3.4	4.6
VB 16015	4.2	3.4	4.7	4.8	4.1	2.8	7.4	7.1	2.6	4.6
BLUE STAR	3.8	3.7	4.6	4.2	4.9	2.8	7.6	6.9	2.7	4.6
NORTH STAR (PST-A7-60)	3.3	4.2	4.5	3.8	4.3	3.0	7.9	7.2	3.0	4.6
PST-B9-196	3.4	3.4	4.5	4.4	4.8	3.4	7.6	6.6	2.7	4.5
MTT 683	3.3	4.0	5.0	4.2	4.2	2.9	7.5	7.1	2.4	4.5
BARON	3.1	3.6	4.7	3.9	4.9	3.0	7.4	7.2	2.8	4.5
LIPOA	3.4	3.6	4.9	3.8	5.3	2.5	7.3	6.8	2.7	4.5
BAR VB 6820	3.1	4.0	4.7	3.6	4.3	2.4	7.5	7.0	2.3	4.3
LSD VALUE	1.3	0.7	1.2	0.6	0.8	1.3	0.4	0.4	0.5	0.3
C.V. (%)	20.7	10.8	14.4	8.6	9.8	22.2	3.7	3.3	11.2	11.4

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN UNDER LOW INPUT AT SIX LOCATIONS  
 USING A 1.1-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
 1999 DATA

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

NAME	KY1	MO1	CK1	ON1	PA1	WA1	MEAN
BARONIE	7.0	3.0	5.8	7.2	3.4	3.1	4.9
CANTERBURY	7.0	3.4	4.9	7.2	3.4	3.2	4.8
BAR VB 3115B	5.6	3.6	4.4	7.2	3.4	3.9	4.7
KENBLUE	6.2	3.6	4.7	7.4	3.0	3.0	4.7
SOUTH DAKOTA	6.4	4.1	3.6	7.4	3.2	2.7	4.6
EST-B9-196	6.5	3.0	4.4	7.1	3.5	2.7	4.5
BARON	5.3	3.1	4.1	7.2	3.3	4.0	4.5
EAGLETON	5.3	3.1	3.7	7.2	4.2	3.5	4.5
NORTH STAR (PST-A7-60)	5.0	3.5	3.9	7.2	3.1	4.1	4.5
MTT 683	5.9	3.4	3.0	7.3	3.1	4.0	4.5
BH 95-199	5.8	3.3	3.3	7.3	3.2	3.4	4.4
DRAGON (ZPS-429)	6.5	2.8	3.6	7.2	3.1	3.2	4.4
CALIBER	5.7	3.4	3.7	7.1	3.0	3.3	4.4
BARIRIS (BAR VB 5649)	4.0	3.4	3.8	7.2	3.1	3.4	4.2
BARTITIA	5.0	3.4	3.0	7.3	2.6	3.5	4.1
BLUE STAR	5.4	3.2	2.9	7.3	2.8	3.2	4.1
VB 16015	5.2	2.5	3.1	7.1	3.5	3.3	4.1
BARUZO	3.3	3.5	3.0	7.2	2.7	3.6	3.9
BAR VB 233	2.0	3.4	3.9	7.2	3.1	3.5	3.8
BAR VB 6820	2.3	3.3	2.3	7.3	3.3	4.5	3.8
LIPOA	3.7	3.3	1.9	7.0	2.7	3.4	3.7
LSD VALUE	2.2	0.4	2.4	0.3	0.7	0.7	0.6
C.V. (%)	26.0	8.4	40.3	2.7	13.7	12.7	20.0

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 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN UNDER LOW INPUT AT TWO LOCATIONS  
 USING A 2.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
 1999 DATA

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

NAME	RI1	UT1	MEAN
NORTH STAR (PST-A7-60)	6.9	5.4	6.1
EAGLETON	6.4	5.5	5.9
BARIRIS (BAR VB 5649)	6.1	5.6	5.8
BAR VB 3115B	5.9	5.0	5.5
BAR VB 233	5.7	5.1	5.4
BARON	4.5	6.0	5.2
BAR VB 6820	4.9	5.3	5.1
SOUTH DAKOTA	5.4	4.7	5.1
CALIBER	5.1	5.0	5.0
DRAGON (ZPS-429)	5.0	5.1	5.0
MTT 683	4.3	5.7	5.0
KENBLUE	5.4	4.4	4.9
LIPOA	3.7	5.5	4.6
BARUZO	3.5	5.6	4.5
BARONIE	4.0	5.0	4.5
BLUE STAR	3.7	5.1	4.4
CANTERBURY	4.2	4.5	4.4
PST-B9-196	4.0	4.3	4.1
VB 16015	2.9	5.1	4.0
BARTITIA	2.8	5.0	3.9
BH 95-199	2.2	5.0	3.6
LSD VALUE	0.8	0.9	0.6
C.V. (%)	11.4	10.8	11.1

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 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT AT DIFFERENT MOWING HEIGHTS 1/  
1999 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	5.9	4.7	5.6	5.3
EAGLETON	6.4	4.3	5.3	5.0
KENBLUE	5.4	4.4	5.3	5.0
CALIBER	5.1	4.4	5.2	4.9
SOUTH DAKOTA	5.4	4.1	5.2	4.9
BARONIE	4.0	4.6	5.1	4.8
CANTERBURY	4.2	4.4	5.1	4.8
BARIRIS (BAR VB 5649)	6.1	4.3	4.9	4.8
NORTH STAR (PST-A7-60)	6.9	4.4	4.7	4.7
DRAGON (ZPS-429)	5.0	4.0	5.0	4.6
BAR VB 233	5.7	4.2	4.7	4.6
BARON	4.5	4.3	4.8	4.6
MTT 683	4.3	4.1	4.8	4.5
PST-B9-196	4.0	4.0	4.8	4.5
BH 95-199	2.2	4.0	4.9	4.5
BARTITIA	2.8	3.9	4.8	4.4
BLUE STAR	3.7	3.9	4.7	4.4
VB 16015	2.9	4.0	4.7	4.3
BARUZO	3.5	4.1	4.6	4.3
BAR VB 6820	4.9	3.9	4.4	4.2
LIPOA	3.7	3.7	4.6	4.2
LSD VALUE	0.8	0.5	0.3	0.3
C.V. (%)	11.4	16.4	13.8	14.5

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 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN UNDER LOW INPUT AT ONE LOCATION  
 USING A 1.1-2.0 INCH MOWING HEIGHT 1/  
 1999 DATA

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

NAME	RI1
NORTH STAR (PST-A7-60)	6.9
EAGLETON	6.4
BARIRIS (BAR VB 5649)	6.1
BAR VB 3115B	5.9
BAR VB 233	5.7
SOUTH DAKOTA	5.4
KENBLUE	5.4
CALIBER	5.1
DRAGON (ZPS-429)	5.0
BAR VB 6820	4.9
BARON	4.5
MTT 683	4.3
CANTERBURY	4.2
PST-B9-196	4.0
BARONIE	4.0
BLUE STAR	3.7
LIPOA	3.7
BARUZO	3.5
VB 16015	2.9
BARTITIA	2.8
BH 95-199	2.2
LSD VALUE	0.8
C.V. (%)	11.4

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

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 SIX LOCATIONS  
 USING A 2.1-2.5 INCH MOWING HEIGHT 1/  
 1999 DATA

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

NAME	IL1	NC1	CK1	QE1	VA1	WA1	MEAN
BAR VB 3115B	5.1	4.0	4.4	7.2	3.6	3.9	4.7
BARONIE	3.8	4.7	5.8	7.2	2.9	3.1	4.6
CANTERBURY	4.0	4.3	4.9	7.2	3.0	3.2	4.4
KENBLUE	4.1	4.4	4.7	6.9	3.5	3.0	4.4
CALIBER	4.6	4.2	3.7	7.2	3.4	3.3	4.4
NORTH STAR (PST-A7-60)	4.2	3.8	3.9	7.2	3.0	4.1	4.4
BARIRIS (BAR VB 5649)	4.1	4.1	3.8	7.2	3.4	3.4	4.3
EAGLETON	4.1	4.3	3.7	7.2	3.0	3.5	4.3
BARON	3.6	3.9	4.1	7.2	2.8	4.0	4.3
BAR VB 233	4.2	3.9	3.9	7.2	2.4	3.5	4.2
SOUTH DAKOTA	4.5	3.8	3.6	7.0	3.2	2.7	4.1
MTT 683	4.0	4.2	3.0	7.1	2.4	4.0	4.1
BARUZO	3.6	4.0	3.0	7.1	3.4	3.6	4.1
VB 16015	3.4	4.8	3.1	7.1	2.6	3.3	4.0
EH 95-199	3.2	4.6	3.3	7.1	2.5	3.4	4.0
EST-B9-196	3.4	4.4	4.4	6.6	2.7	2.7	4.0
DRAGON (ZPS-429)	3.7	3.7	3.6	7.2	2.7	3.2	4.0
BAR VB 6820	4.0	3.6	2.3	7.0	2.3	4.5	3.9
BLUE STAR	3.7	4.2	2.9	6.9	2.7	3.2	3.9
BARTITIA	4.0	3.4	3.0	7.2	2.4	3.5	3.9
LIPOA	3.6	3.8	1.9	6.8	2.7	3.4	3.7
ISD VALUE	0.7	0.6	2.4	0.4	0.5	0.7	0.5
C.V. (%)	10.8	8.6	40.3	3.3	11.2	12.7	16.4

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 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT AT TEN LOCATIONS  
USING A 2.6+ INCH MOWING HEIGHT 1/  
1999 DATA

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

NAME	IA1	KY1	MI1	MO1	NE1	NJ1	OH1	ON1	PA1	UT1	MEAN
BAR VB 3115B	5.4	5.6	5.8	3.6	6.7	6.2	7.1	7.2	3.4	5.0	5.6
EAGLETON	4.9	5.3	5.2	3.1	5.8	5.0	7.3	7.2	4.2	5.5	5.3
KENBLUE	5.6	6.2	6.1	3.6	5.8	4.3	6.2	7.4	3.0	4.4	5.3
SOUTH DAKOTA	4.8	6.4	5.1	4.1	5.5	4.6	6.4	7.4	3.2	4.7	5.2
CALIBER	4.6	5.7	5.3	3.4	6.1	4.8	7.0	7.1	3.0	5.0	5.2
BARONIE	3.2	7.0	5.3	3.0	5.5	4.2	7.0	7.2	3.4	5.0	5.1
CANTERBURY	3.9	7.0	5.1	3.4	5.0	4.5	6.8	7.2	3.4	4.5	5.1
DRAGON (ZPS-429)	3.7	6.5	5.1	2.8	5.5	3.3	7.7	7.2	3.1	5.1	5.0
BH 95-199	4.0	5.8	4.9	3.3	4.9	3.3	7.6	7.3	3.2	5.0	4.9
BARIRIS (BAR VB 5649)	3.4	4.0	4.9	3.4	5.7	4.3	7.5	7.2	3.1	5.6	4.9
BARTITIA	3.6	5.0	5.2	3.4	5.4	3.4	7.6	7.3	2.6	5.0	4.8
MTT 683	3.3	5.9	5.0	3.4	4.2	2.9	7.5	7.3	3.1	5.7	4.8
PST-B9-196	3.4	6.5	4.5	3.0	4.8	3.4	7.6	7.1	3.5	4.3	4.8
BARON	3.1	5.3	4.7	3.1	4.9	3.0	7.4	7.2	3.3	6.0	4.8
BLUE STAR	3.8	5.4	4.6	3.2	4.9	2.8	7.6	7.3	2.8	5.1	4.7
BAR VB 233	4.1	2.0	4.8	3.4	5.0	5.0	7.6	7.2	3.1	5.1	4.7
NORTH STAR (PST-A7-60)	3.3	5.0	4.5	3.5	4.3	3.0	7.9	7.2	3.1	5.4	4.7
VB 16015	4.2	5.2	4.7	2.5	4.1	2.8	7.4	7.1	3.5	5.1	4.7
LIPOA	3.4	3.7	4.9	3.3	5.3	2.5	7.3	7.0	2.7	5.5	4.6
BARUZO	3.4	3.3	4.6	3.5	4.7	3.2	7.4	7.2	2.7	5.6	4.6
BAR VB 6820	3.1	2.3	4.7	3.3	4.3	2.4	7.5	7.3	3.3	5.3	4.4
LSD VALUE	1.3	2.2	1.2	0.4	0.8	1.3	0.4	0.3	0.7	0.9	0.3
C.V. (%)	20.7	26.0	14.4	8.4	9.8	22.2	3.7	2.7	13.7	10.8	13.8

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 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT IN DIFFERENT CLIMATIC ZONES 1/  
1999 DATA

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

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
BAR VB 3115B	4.2	6.0	5.0	5.3
EAGLETON	3.9	5.7	5.1	5.0
KENBLUE	4.5	5.5	4.6	5.0
CALIBER	4.1	5.5	4.7	4.9
SOUTH DAKOTA	4.2	5.4	4.6	4.9
BARONIE	4.7	5.1	4.7	4.8
CANTERBURY	4.5	5.1	4.7	4.8
BARIRIS (BAR VB 5649)	3.7	5.4	5.1	4.8
NORTH STAR (PST-A7-60)	3.8	5.2	5.2	4.7
DRAGON (ZPS-429)	3.8	5.1	4.7	4.6
BAR VB 233	3.1	5.4	4.9	4.6
BARON	3.8	4.9	5.6	4.6
MTT 683	3.8	4.9	5.3	4.5
PST-B9-196	4.2	4.8	4.4	4.5
BH 95-199	3.9	4.8	4.8	4.5
BARTITIA	3.4	4.9	4.8	4.4
BLUE STAR	3.7	4.8	4.8	4.4
VB 16015	3.6	4.7	4.8	4.3
BARUZO	3.4	4.7	5.2	4.3
BAR VB 6820	2.8	4.9	5.3	4.2
LIPOA	3.1	4.7	4.9	4.2
LSD VALUE	0.7	0.3	0.6	0.3
C.V. (%)	24.2	10.6	11.6	14.5

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 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN UNDER LOW INPUT AT FIVE LOCATIONS  
 IN THE TRANSITION ZONE 1/  
 1999 DATA

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

NAME	KY1	MO1	NC1	OK1	VA1	MEAN
BARONIE	7.0	3.0	4.7	5.8	2.9	4.7
CANTERBURY	7.0	3.4	4.3	4.9	3.0	4.5
KENBLUE	6.2	3.6	4.4	4.7	3.5	4.5
BAR VB 3115B	5.6	3.6	4.0	4.4	3.6	4.2
SOUTH DAKOTA	6.4	4.1	3.8	3.6	3.2	4.2
PST-B9-196	6.5	3.0	4.4	4.4	2.7	4.2
CALIBER	5.7	3.4	4.2	3.7	3.4	4.1
BH 95-199	5.8	3.3	4.6	3.3	2.5	3.9
EAGLETON	5.3	3.1	4.3	3.7	3.0	3.9
DRAGON (ZPS-429)	6.5	2.8	3.7	3.6	2.7	3.8
NORTH STAR (PST-A7-60)	5.0	3.5	3.8	3.9	3.0	3.8
BARON	5.3	3.1	3.9	4.1	2.8	3.8
MTT 683	5.9	3.4	4.2	3.0	2.4	3.8
BARIRIS (BAR VB 5649)	4.0	3.4	4.1	3.8	3.4	3.7
BLUE STAR	5.4	3.2	4.2	2.9	2.7	3.7
VB 16015	5.2	2.5	4.8	3.1	2.6	3.6
BARTITIA	5.0	3.4	3.4	3.0	2.4	3.4
BARUZO	3.3	3.5	4.0	3.0	3.4	3.4
BAR VB 233	2.0	3.4	3.9	3.9	2.4	3.1
LIPOA	3.7	3.3	3.8	1.9	2.7	3.1
BAR VB 6820	2.3	3.3	3.6	2.3	2.3	2.8
LSD VALUE	2.2	0.4	0.6	2.4	0.5	0.7
C.V. (%)	26.0	8.4	8.6	40.3	11.2	24.2

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.

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT AT TEN LOCATIONS  
IN THE COOL-HUMID ZONE 1/  
1999 DATA

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

NAME	IA1	IL1	MI1	NE1	NJ1	OH1	ON1	PA1	QE1	RI1	MEAN
BAR VB 3115B	5.4	5.1	5.8	6.7	6.2	7.1	7.2	3.4	7.2	5.9	6.0
EAGLETON	4.9	4.1	5.2	5.8	5.0	7.3	7.2	4.2	7.2	6.4	5.7
KENBLUE	5.6	4.1	6.1	5.8	4.3	6.2	7.4	3.0	6.9	5.4	5.5
CALIBER	4.6	4.6	5.3	6.1	4.8	7.0	7.1	3.0	7.2	5.1	5.5
SOUTH DAKOTA	4.8	4.5	5.1	5.5	4.6	6.4	7.4	3.2	7.0	5.4	5.4
BAR VB 233	4.1	4.2	4.8	5.0	5.0	7.6	7.2	3.1	7.2	5.7	5.4
BARIRIS (BAR VB 5649)	3.4	4.1	4.9	5.7	4.3	7.5	7.2	3.1	7.2	6.1	5.4
NORTH STAR (PST-A7-60)	3.3	4.2	4.5	4.3	3.0	7.9	7.2	3.1	7.2	6.9	5.2
CANTERBURY	3.9	4.0	5.1	5.0	4.5	6.8	7.2	3.4	7.2	4.2	5.1
DRAGON (ZPS-429)	3.7	3.7	5.1	5.5	3.3	7.7	7.2	3.1	7.2	5.0	5.1
BARONIE	3.2	3.8	5.3	5.5	4.2	7.0	7.2	3.4	7.2	4.0	5.1
BARTITIA	3.6	4.0	5.2	5.4	3.4	7.6	7.3	2.6	7.2	2.8	4.9
BARON	3.1	3.6	4.7	4.9	3.0	7.4	7.2	3.3	7.2	4.5	4.9
MTT 683	3.3	4.0	5.0	4.2	2.9	7.5	7.3	3.1	7.1	4.3	4.9
BAR VB 6820	3.1	4.0	4.7	4.3	2.4	7.5	7.3	3.3	7.0	4.9	4.9
PST-B9-196	3.4	3.4	4.5	4.8	3.4	7.6	7.1	3.5	6.6	4.0	4.8
BLUE STAR	3.8	3.7	4.6	4.9	2.8	7.6	7.3	2.8	6.9	3.7	4.8
BH 95-199	4.0	3.2	4.9	4.9	3.3	7.6	7.3	3.2	7.1	2.2	4.8
BARUZO	3.4	3.6	4.6	4.7	3.2	7.4	7.2	2.7	7.1	3.5	4.7
LIPOA	3.4	3.6	4.9	5.3	2.5	7.3	7.0	2.7	6.8	3.7	4.7
VB 16015	4.2	3.4	4.7	4.1	2.8	7.4	7.1	3.5	7.1	2.9	4.7
LSD VALUE	1.3	0.7	1.2	0.8	1.3	0.4	0.3	0.7	0.4	0.8	0.3
C.V. (%)	20.7	10.8	14.4	9.8	22.2	3.7	2.7	13.7	3.3	11.4	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 15. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT AT TWO LOCATIONS  
IN THE COOL-ARID ZONE 1/  
1999 DATA

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

NAME	UT1	WA1	MEAN
BARON	6.0	4.0	5.0
BAR VB 6820	5.3	4.5	4.9
MTT 683	5.7	4.0	4.9
NORTH STAR (PST-A7-60)	5.4	4.1	4.8
BARUZO	5.6	3.6	4.6
EAGLETON	5.5	3.5	4.5
BARIRIS (BAR VB 5649)	5.6	3.4	4.5
BAR VB 3115B	5.0	3.9	4.5
LIPOA	5.5	3.4	4.4
BAR VB 233	5.1	3.5	4.3
VB 16015	5.1	3.3	4.2
BARTITIA	5.0	3.5	4.2
BLUE STAR	5.1	3.2	4.2
BH 95-199	5.0	3.4	4.2
CALIBER	5.0	3.3	4.1
DRAGON (ZPS-429)	5.1	3.2	4.1
BARONIE	5.0	3.1	4.1
CANTERBURY	4.5	3.2	3.8
SOUTH DAKOTA	4.7	2.7	3.7
KENBLUE	4.4	3.0	3.7
PST-B9-196	4.3	2.7	3.5
LSD VALUE	0.9	0.7	0.6
C.V. (%)	10.8	12.7	11.6

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 16.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	IA1	IL1	MI1	NC1	NE1	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
VB 16015	5.7	5.3	6.7	7.0	8.7	8.0	7.0	7.0	8.0	8.0	8.7	6.7	3.7	7.3	7.0
NORTH STAR (PST-A7-60)	7.3	5.3	6.0	6.0	8.7	8.7	6.7	7.7	7.3	7.0	7.3	8.3	3.3	6.3	6.9
BAR VB 6820	6.7	4.7	7.0	6.7	6.7	8.0	6.7	7.0	6.7	7.0	8.3	6.7	4.0	7.3	6.7
MTT 683	6.7	5.0	5.0	6.7	7.0	8.0	6.0	7.0	8.0	6.7	8.3	6.7	4.3	7.3	6.6
BH 95-199	6.0	4.7	6.3	6.3	7.0	8.7	7.0	7.0	7.3	6.3	7.3	6.3	5.0	7.0	6.6
BARTITIA	7.7	5.3	7.0	5.3	7.3	8.0	6.0	6.7	7.0	6.3	7.7	7.0	3.7	7.0	6.6
PST-B9-196	6.3	6.7	6.3	6.7	7.3	8.7	6.7	6.7	6.7	7.0	6.7	5.0	4.3	6.7	6.5
BARUZO	6.7	4.0	6.7	6.7	7.7	8.0	6.3	7.3	7.7	6.3	6.7	5.7	3.3	8.0	6.5
DRAGON (ZPS-429)	7.0	5.0	7.0	6.7	7.3	8.7	6.7	7.0	7.0	6.0	6.3	5.7	3.3	7.3	6.5
BARON	6.0	4.7	6.7	6.0	8.0	8.3	6.7	6.7	7.7	7.0	6.0	6.0	3.7	6.7	6.4
BAR VB 233	7.3	5.0	7.3	5.3	7.3	8.0	6.7	7.0	7.0	6.3	7.0	4.7	4.0	6.3	6.4
BLUE STAR	7.0	5.0	5.3	5.7	7.0	8.0	6.7	7.0	7.3	7.0	6.3	6.3	3.7	7.0	6.4
BARIRIS (BAR VB 5649)	6.7	5.3	6.3	6.0	7.0	8.0	6.7	7.3	6.3	6.0	6.0	6.0	3.7	6.3	6.3
LIPOA	5.0	4.7	6.7	6.3	6.7	8.0	6.3	6.7	7.0	7.0	7.0	6.0	3.7	6.0	6.2
CANTERBURY	6.7	5.0	5.3	6.0	6.3	8.0	6.0	7.0	6.3	5.7	5.7	6.3	4.3	6.0	6.0
EAGLETON	6.3	4.3	6.7	6.0	5.3	8.3	6.0	7.3	6.3	6.0	5.3	5.7	3.0	7.0	6.0
BARONIE	5.7	4.3	6.0	6.0	5.3	8.0	6.3	7.0	6.3	5.3	5.3	5.3	3.7	6.7	5.8
CALIBER	6.0	4.0	6.7	6.0	6.0	8.0	6.3	7.0	6.3	6.0	6.0	4.0	3.3	5.3	5.8
KENBLUE	5.7	4.7	6.0	6.7	5.7	7.0	6.0	7.0	6.0	5.3	5.0	4.0	2.3	6.7	5.6
BAR VB 3115B	7.0	5.7	5.7	6.0	5.7	8.0	5.7	7.0	6.0	5.3	4.0	4.7	3.3	3.7	5.5
SOUTH DAKOTA	5.7	3.7	5.7	6.3	4.7	7.3	5.7	7.0	6.0	5.7	5.3	4.0	2.7	6.3	5.4
LSD VALUE	1.1	1.4	1.2	1.1	0.8	0.5	0.8	0.6	0.9	0.6	1.1	2.0	1.4	1.0	0.3
C.V. (%)	10.6	17.7	11.8	10.5	7.2	4.1	8.1	5.1	8.4	6.3	11.0	21.9	23.8	9.2	11.0

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 17.

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	IA1	IL1	MI1	MO1	NE1	NJ1	OH1	OK1	PA1	RI1	VA1	WA1	MEAN
KENBLUE	6.7	4.0	6.3	3.7	7.3	9.0	4.7	6.7	4.0	5.3	5.0	6.0	5.7
PST-B9-196	5.3	5.3	4.3	4.3	7.3	5.0	6.7	5.7	5.3	6.0	6.7	5.0	5.6
SOUTH DAKOTA	6.3	4.7	6.0	4.3	6.7	7.7	5.0	6.3	4.7	3.7	5.3	5.7	5.5
CALIBER	6.3	5.3	5.0	3.3	7.3	8.0	5.0	6.3	4.7	5.7	4.7	4.3	5.5
BAR VB 233	5.7	5.3	5.0	3.0	6.7	5.7	5.0	6.0	4.7	7.0	6.3	4.3	5.4
VB 16015	5.3	4.3	4.3	4.7	7.7	2.0	7.0	6.0	4.3	6.3	7.0	4.3	5.3
BH 95-199	5.7	5.0	4.7	4.3	6.7	3.3	6.0	6.0	4.3	5.7	7.0	4.7	5.3
BAR VB 3115B	6.7	3.3	3.0	3.7	6.0	8.7	5.3	5.7	4.7	7.0	4.7	4.0	5.2
CANTERBURY	5.3	5.0	4.3	3.7	5.3	6.0	5.7	5.7	4.3	6.0	6.0	4.7	5.2
BARONIE	5.0	5.0	4.0	4.3	5.3	6.0	4.7	5.7	4.3	6.3	6.0	5.0	5.1
BLUE STAR	5.7	4.3	4.7	3.0	7.0	2.3	6.7	5.7	3.3	7.0	7.0	4.7	5.1
EAGLETON	5.7	3.7	5.0	3.7	6.3	5.0	5.7	5.7	4.0	5.7	6.3	4.7	5.1
LIPCA	5.3	4.3	3.0	3.7	8.0	2.7	6.0	6.0	3.7	6.0	6.7	4.7	5.0
BARIRIS (BAR VB 5649)	5.0	4.3	3.7	3.3	6.3	5.0	5.0	6.0	5.3	5.0	6.3	4.3	5.0
BARUZO	5.0	4.7	5.0	3.0	7.0	3.0	6.0	6.0	4.3	4.7	7.0	3.7	4.9
BARON	4.7	5.0	4.0	2.7	6.7	3.0	6.0	5.7	3.7	6.3	7.0	4.3	4.9
DRAGON (ZPS-429)	5.0	5.0	5.0	4.0	7.3	3.3	6.0	6.0	3.7	3.0	6.3	4.3	4.9
BAR VB 6820	5.0	4.3	3.7	2.3	6.0	2.7	5.7	6.0	4.3	7.7	7.0	2.7	4.8
BARTITIA	5.0	4.7	3.0	2.7	6.3	3.3	6.0	6.0	3.7	6.3	6.3	3.3	4.7
MTT 683	5.0	3.7	2.7	2.0	6.7	2.7	6.0	6.0	3.0	7.0	6.0	2.3	4.4
NORTH STAR (PST-A7-60)	4.7	3.3	1.3	2.0	5.0	2.7	6.0	5.7	3.7	8.3	7.0	3.3	4.4
LSD VALUE	1.1	1.2	1.3	1.1	1.2	1.7	1.0	0.7	1.5	1.8	0.6	1.1	0.4
C.V. (%)	12.5	16.8	19.7	19.2	10.9	23.0	11.2	7.0	22.1	18.2	6.4	16.6	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.

TABLE 18.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	IA1	KY1	MI1	NC1	NE1	OH1	OK1	PA1	QE1	RI1	WA1	MEAN
KENBLUE	7.0	8.3	7.0	7.7	9.0	6.7	7.0	7.0	7.0	6.3	8.0	7.4
SOUTH DAKOTA	7.0	6.7	5.7	7.3	9.0	6.3	7.0	6.7	7.0	5.0	7.7	6.8
NORTH STAR (PST-A7-60)	6.3	9.0	5.7	7.7	8.0	5.7	7.0	6.0	6.0	6.3	6.3	6.7
BAR VB 6820	6.0	7.0	5.3	7.7	7.0	5.0	7.0	6.0	6.3	6.3	7.0	6.4
CALIBER	7.0	6.3	4.3	7.0	8.0	5.7	7.0	6.0	6.0	5.7	6.0	6.3
BARTITIA	6.0	7.0	5.0	7.3	7.7	5.3	7.0	5.7	6.0	5.7	6.0	6.2
BAR VB 3115B	6.7	5.7	5.3	6.3	8.0	5.7	7.0	5.7	6.0	6.0	5.7	6.2
MTT 683	6.0	6.7	4.3	6.7	7.7	4.7	6.0	6.3	6.0	5.7	7.0	6.1
BARONIE	6.3	7.0	5.3	6.3	7.3	4.7	6.7	6.3	6.0	5.3	5.3	6.1
BARUZO	6.3	5.3	5.3	6.7	6.3	4.7	7.0	6.0	6.0	6.0	6.3	6.0
CANTERBURY	6.7	7.0	4.3	6.3	7.3	5.0	6.7	6.0	6.0	4.7	5.7	6.0
BAR VB 233	6.3	5.7	6.3	6.0	7.3	5.0	6.5	5.3	6.0	5.3	5.7	6.0
LIPOA	6.3	6.0	3.7	6.3	7.3	5.7	.	5.7	6.0	5.7	6.3	5.9
BARON	6.0	6.0	3.7	5.7	7.0	5.3	6.5	5.7	6.0	5.3	6.7	5.8
BLUE STAR	6.7	5.7	5.0	6.3	7.0	4.7	6.0	6.0	5.3	5.0	6.0	5.8
EAGLETON	6.3	5.0	2.3	6.7	7.7	5.0	6.0	5.7	6.0	6.0	6.0	5.7
BARIRIS (BAR VB 5649)	5.7	4.3	4.7	6.3	6.7	5.7	6.5	6.0	6.0	5.0	5.7	5.7
BH 95-199	6.7	5.3	4.3	5.7	6.7	4.7	6.0	5.7	6.0	4.7	6.0	5.6
VB 16015	6.3	4.3	3.3	7.0	6.0	4.7	6.5	5.7	6.0	5.3	6.0	5.6
DRAGON (ZPS-429)	6.0	4.0	5.0	5.7	6.7	4.3	6.0	6.0	6.0	5.0	5.3	5.5
PST-B9-196	6.3	4.3	3.3	4.7	6.3	4.0	6.0	5.3	5.0	4.0	5.0	4.9
LSD VALUE	1.0	0.9	2.8	1.3	1.0	1.1	0.8	1.0	0.3	0.8	0.7	0.4
C.V. (%)	9.9	8.9	36.8	12.5	8.4	12.9	6.2	10.4	3.0	9.3	6.8	12.7

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 19. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	NC1	OK1	QE1	MEAN
BARONIE	6.0	7.7	7.7	7.1
CALIBER	5.7	6.7	7.7	6.8
CANTERBURY	5.7	6.0	8.0	6.7
KENBLUE	5.7	7.0	6.7	6.6
BAR VB 3115B	5.3	6.0	8.0	6.6
BARIRIS (BAR VB 5649)	5.3	5.7	8.0	6.5
BH 95-199	6.0	5.3	7.3	6.4
NORTH STAR (PST-A7-60)	5.7	4.7	7.7	6.3
EAGLETON	6.0	4.7	7.3	6.3
PST-B9-196	5.3	5.3	7.3	6.3
BARON	5.7	4.7	7.3	6.2
DRAGON (ZPS-429)	4.0	5.7	8.0	6.2
VB 16015	5.7	4.7	7.3	6.2
BAR VB 233	4.3	5.0	8.0	6.1
BARTITIA	4.7	4.0	8.0	5.9
BARUZO	5.0	5.0	6.7	5.9
MTT 683	5.0	4.7	7.0	5.9
BLUE STAR	5.7	3.0	7.0	5.7
SOUTH DAKOTA	4.3	5.0	6.3	5.7
BAR VB 6820	3.7	3.0	8.0	5.4
LIPOA	4.3	3.0	6.7	5.3
LSD VALUE	1.4	3.2	1.1	0.9
C.V. (%)	16.8	38.6	8.8	18.2

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.

TABLE 20. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	KY1	NC1	OK1	ON1	QE1	UT1	
BARONIE	8.0	5.3	5.7	8.0	6.0	4.7	6.3
NORTH STAR (PST-A7-60)	6.7	6.3	4.7	7.7	6.3	5.0	6.1
BAR VB 3115B	6.7	5.0	3.7	8.0	6.0	5.7	5.8
BARON	6.0	6.3	3.7	7.7	6.0	5.3	5.8
CALIBER	6.3	6.3	3.3	7.7	6.0	5.3	5.8
EAGLETON	6.3	4.7	4.7	7.7	6.0	5.7	5.8
KENBLUE	6.7	6.7	3.0	8.0	6.0	4.3	5.8
MTT 683	6.3	5.3	3.7	7.7	6.0	5.3	5.7
BLUE STAR	6.3	6.3	2.7	8.0	6.0	4.7	5.7
CANTERBURY	8.0	6.0	3.3	7.3	6.0	3.3	5.7
DRAGON (ZPS-429)	7.3	5.0	3.7	7.7	6.0	4.3	5.7
SOUTH DAKOTA	6.7	5.3	3.0	8.0	6.0	4.7	5.6
BARTITIA	5.7	4.7	4.3	7.7	6.0	5.0	5.6
EST-B9-196	6.7	6.0	4.0	7.7	5.7	3.3	5.6
VB 16015	6.0	6.3	2.7	8.0	6.0	4.3	5.6
EH 95-199	6.3	6.0	2.3	7.7	6.0	4.7	5.5
BARIRIS (BAR VB 5649)	5.0	5.3	2.7	8.0	6.0	5.0	5.3
BARUZO	4.3	6.0	2.3	7.7	6.0	5.7	5.3
BAR VB 233	3.3	5.7	3.7	7.7	6.0	5.0	5.2
BAR VB 6820	2.3	6.0	2.0	7.7	6.0	5.3	4.9
LIPOA	4.0	5.0	1.3	7.7	5.7	5.3	4.8
LSD VALUE	2.1	1.5	2.6	0.8	0.4	1.2	0.7
C.V. (%)	22.0	16.8	48.6	6.1	3.6	16.0	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 21. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				MEAN
	IL1	NC1	OK1	QE1	
BARONIE	5.7	6.7	7.0	8.0	7.1
EAGLETON	5.7	6.0	7.0	8.0	6.9
BAR VB 3115B	6.0	5.7	6.5	8.0	6.8
BAR VB 233	5.3	5.3	7.0	8.0	6.7
PST-B9-196	5.7	5.7	6.5	7.7	6.7
BARON	5.3	5.3	6.5	8.0	6.6
BLUE STAR	5.0	6.3	6.0	7.7	6.6
CALIBER	5.7	5.3	6.0	8.0	6.6
DRAGON (ZPS-429)	5.3	4.7	7.0	8.0	6.6
KENBLUE	5.3	5.7	6.0	8.0	6.6
SOUTH DAKOTA	5.3	5.7	6.0	8.0	6.6
LIPOA	6.0	4.7	.	7.7	6.6
BAR VB 6820	5.3	5.0	.	8.0	6.6
BARTITIA	5.7	4.7	6.0	8.0	6.5
CANTERBURY	4.7	5.3	6.3	8.0	6.5
VB 16015	4.3	6.0	6.0	8.0	6.5
BARIRIS (BAR VB 5649)	4.7	5.0	6.5	8.0	6.4
BH 95-199	4.0	5.7	6.5	8.0	6.4
MTT 683	4.3	5.3	.	8.0	6.4
BARUZO	5.0	5.0	6.0	8.0	6.4
NORTH STAR (PST-A7-60)	5.7	4.3	6.0	8.0	6.4
LSD VALUE	1.1	1.3	0.8	0.4	0.4
C.V. (%)	13.4	14.8	6.4	2.7	8.0

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 22. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	KY1	NC1	OK1	MEAN
BARONIE	99.0	98.3	90.0	95.8
KENBLUE	95.3	97.7	85.0	92.7
CANTERBURY	99.0	96.0	78.3	91.1
CALIBER	92.7	95.7	81.7	90.0
PST-B9-196	95.3	94.0	70.0	86.4
BH 95-199	92.3	96.0	66.7	85.0
BAR VB 3115B	92.3	90.7	71.7	84.9
SOUTH DAKOTA	93.0	91.7	65.0	83.2
DRAGON (ZPS-429)	97.7	86.7	65.0	83.1
MTT 683	93.7	89.0	63.3	82.0
BARON	70.0	91.7	65.0	75.6
NORTH STAR (PST-A7-60)	66.3	93.3	63.3	74.3
VB 16015	68.7	96.0	56.7	73.8
EAGLETON	67.0	95.0	58.3	73.4
BARIRIS (BAR VB 5649)	60.0	93.3	61.7	71.7
BLUE STAR	73.0	95.0	36.7	68.2
BARTITIA	70.0	80.0	53.3	67.8
BARUZO	45.7	88.3	53.3	62.4
LIPOA	50.7	85.0	25.0	53.6
BAR VB 233	11.0	89.0	60.0	53.3
BAR VB 6820	10.3	83.3	26.7	40.1
LSD VALUE	44.0	8.1	38.8	19.7
C.V. (%)	37.2	5.5	39.1	28.1

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 23. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	NC1	NJ1	OK1	MEAN
KENBLUE	89.3	51.7	75.0	72.0
BARONIE	92.3	25.0	78.3	65.2
CANTERBURY	90.0	30.0	68.3	62.8
SOUTH DAKOTA	85.7	36.7	58.3	60.2
CALIBER	92.3	36.7	51.7	60.2
BAR VB 233	85.0	43.3	50.3	59.6
BARIRIS (BAR VB 5649)	90.0	36.7	41.7	56.1
NORTH STAR (PST-A7-60)	89.3	25.0	54.0	56.1
BAR VB 3115B	76.7	31.7	55.0	54.4
PST-B9-196	91.7	11.7	56.7	53.3
BARON	85.0	20.0	51.3	52.1
BARUZO	83.3	35.0	33.3	50.6
BARTITIA	85.0	20.0	42.0	49.0
EAGLETON	81.7	16.7	47.0	48.4
VB 16015	90.7	18.3	33.3	47.4
DRAGON (ZPS-429)	68.3	18.3	55.0	47.2
BLUE STAR	95.7	21.7	23.3	46.9
BH 95-199	88.7	21.7	28.3	46.2
MTT 683	83.3	18.3	30.0	43.9
BAR VB 6820	85.0	16.7	25.0	42.2
LIPOA	73.3	19.0	11.0	34.4
LSD VALUE	14.6	16.3	48.3	17.7
C.V. (%)	10.6	38.5	65.0	36.0

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 24. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	KY1	NC1	NJ1	OK1	PA1	MEAN
KENBLUE	86.7	91.7	65.0	78.3	30.7	70.5
PST-B9-196	72.3	90.0	55.0	55.3	48.7	64.3
SOUTH DAKOTA	92.7	81.7	45.0	61.7	25.7	61.3
CANTERBURY	90.0	78.3	38.3	66.7	29.3	60.5
EAGLETON	49.3	88.3	40.7	48.7	70.0	59.4
BARONIE	75.0	89.0	18.3	85.0	29.3	59.3
BAR VB 3115B	34.7	83.3	20.0	55.3	56.0	49.9
CALIBER	48.0	83.3	43.3	35.3	34.0	48.8
DRAGON (ZPS-429)	68.3	65.0	33.3	38.7	37.3	48.5
BARON	45.3	76.7	43.5	51.7	25.3	48.5
MTT 683	66.7	88.3	20.0	18.3	42.0	47.1
BH 95-199	52.0	92.3	13.3	43.3	28.7	45.9
VB 16015	43.3	91.0	21.0	26.7	35.7	43.5
BLUE STAR	48.7	86.7	32.5	17.3	28.7	42.8
BARIRIS (BAR VB 5649)	10.3	85.0	35.0	47.0	32.0	41.9
BAR VB 233	9.3	83.3	24.0	53.7	28.7	39.8
NORTH STAR (PST-A7-60)	32.3	60.0	8.5	52.0	26.3	35.8
LIPOA	40.7	78.3	32.5	5.7	20.0	35.4
BARTITIA	39.0	65.0	2.0	32.0	33.0	34.2
BARUZO	26.0	76.7	3.5	13.3	11.3	26.2
BAR VB 6820	14.7	66.7	12.7	10.3	25.0	25.9
LSD VALUE	44.2	20.4	40.0	52.0	25.1	17.0
C.V. (%)	55.2	15.7	75.7	75.8	47.0	49.3

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 25. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	NJ1	OK1	VA1	MEAN
BH 95-199	4.0	5.3	5.0	4.8
BARONIE	5.7	4.7	3.7	4.7
LIPOA	4.7	5.0	3.7	4.4
BAR VB 3115B	5.0	4.7	3.3	4.3
BAR VB 233	3.7	4.7	4.0	4.1
BAR VB 6820	3.7	4.3	4.0	4.0
BARTITIA	3.3	5.0	3.7	4.0
CANTERBURY	3.3	4.3	4.3	4.0
MTT 683	3.3	4.3	4.3	4.0
PST-B9-196	3.3	4.3	4.3	4.0
BARIRIS (BAR VB 5649)	4.0	4.3	3.7	4.0
VB 16015	4.0	4.3	3.7	4.0
EAGLETON	3.7	4.7	3.0	3.8
NORTH STAR (PST-A7-60)	3.0	5.0	3.3	3.8
DRAGON (ZPS-429)	3.0	4.3	3.3	3.6
CALIBER	3.0	4.0	3.3	3.4
BLUE STAR	2.0	4.3	3.7	3.3
BARON	2.0	4.0	3.7	3.2
BARUZO	1.3	4.7	3.3	3.1
SOUTH DAKOTA	1.3	4.3	2.7	2.8
KENBLUE	1.0	3.7	2.3	2.3
LSD VALUE	1.5	1.2	1.4	0.8
C.V. (%)	29.0	17.1	23.8	22.7

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 26. DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	MO1
KENBLUE	4.3
SOUTH DAKOTA	4.3
BARIRIS (BAR VB 5649)	4.0
EAGLETON	3.3
BAR VB 3115B	3.0
CANTERBURY	3.0
DRAGON (ZPS-429)	3.0
BAR VB 233	2.7
BARONIE	2.7
BLUE STAR	2.7
CALIBER	2.7
LIPOA	2.7
PST-B9-196	2.7
BARUZO	2.3
BH 95-199	2.3
BAR VB 6820	2.0
BARON	2.0
BARTITIA	2.0
MTT 683	2.0
NORTH STAR (PST-A7-60)	2.0
VB 16015	2.0
LSD VALUE	1.1
C.V. (%)	26.0

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. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN UNDER LOW INPUT 1/  
 1999 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

NAME	QE1
BAR VB 6820	14.3
BAR VB 233	9.3
NORTH STAR (PST-A7-60)	9.0
BARIRIS (BAR VB 5649)	8.0
DRAGON (ZPS-429)	8.0
BAR VB 3115B	7.7
BARTITIA	7.7
MTT 683	7.7
KENBLUE	7.0
CALIBER	6.7
EAGLETON	6.3
BLUE STAR	6.0
SOUTH DAKOTA	6.0
BARON	5.7
VB 16015	4.7
BARUZO	4.3
BH 95-199	4.3
BARONIE	4.0
PST-B9-196	3.7
CANTERBURY	3.3
LIPOA	2.7
LSD VALUE	5.3
C.V. (%)	50.4

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 28. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	NC1
BAR VB 233	9.0
BARIRIS (BAR VB 5649)	9.0
BARONIE	9.0
BARUZO	9.0
BH 95-199	9.0
BLUE STAR	9.0
CALIBER	9.0
CANTERBURY	9.0
DRAGON (ZPS-429)	9.0
EAGLETON	9.0
KENBLUE	9.0
LIPOA	9.0
NORTH STAR (PST-A7-60)	9.0
VB 16015	9.0
BAR VB 6820	8.7
MTT 683	8.7
PST-B9-196	8.3
SOUTH DAKOTA	8.3
BARON	8.0
BAR VB 3115B	7.3
BARTITIA	7.3
LSD VALUE	1.0
C.V. (%)	7.1

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 29. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/			
NAME	MI1	NC1	MEAN
EAGLETON	5.7	7.3	6.5
LIPOA	6.0	7.0	6.5
BAR VB 6820	5.0	7.7	6.3
BARTITIA	5.0	7.7	6.3
BARONIE	6.3	6.3	6.3
VB 16015	6.3	6.3	6.3
PST-B9-196	4.3	7.7	6.0
BLUE STAR	4.0	7.3	5.7
DRAGON (ZPS-429)	5.3	6.0	5.7
NORTH STAR (PST-A7-60)	4.0	7.0	5.5
BARIRIS (BAR VB 5649)	4.3	6.0	5.2
BARUZO	4.3	5.7	5.0
MTT 683	4.0	6.0	5.0
SOUTH DAKOTA	4.0	5.7	4.8
CANTERBURY	3.7	6.0	4.8
BAR VB 233	3.7	5.7	4.7
CALIBER	3.7	5.7	4.7
BARON	4.0	5.0	4.5
KENBLUE	4.7	4.3	4.5
BAR VB 3115B	3.7	5.0	4.3
BH 95-199	2.3	6.0	4.2
LSD VALUE	3.0	2.2	1.9
C.V. (%)	41.9	22.1	30.7

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 30. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	NC1
SOUTH DAKOTA	9.0
PST-B9-196	8.7
BLUE STAR	8.3
BARON	8.0
BARONIE	8.0
KENBLUE	8.0
BARIRIS (BAR VB 5649)	7.7
EAGLETON	7.7
BH 95-199	7.3
CALIBER	7.3
VB 16015	7.3
BAR VB 233	7.0
BAR VB 6820	7.0
BARUZO	7.0
CANTERBURY	7.0
MTT 683	7.0
DRAGON (ZPS-429)	6.7
NORTH STAR (PST-A7-60)	6.7
LIPOA	6.3
BAR VB 3115B	6.0
BARTITIA	5.7
LSD VALUE	1.6
C.V. (%)	13.6

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 31. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

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 233	7.0
BAR VB 3115B	7.0
BAR VB 6820	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.



TABLE 32. FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	ON1
BAR VB 233	8.0
BAR VB 6820	8.0
BARON	8.0
BARONIE	8.0
BARTITIA	8.0
BH 95-199	8.0
BLUE STAR	8.0
CANTERBURY	8.0
DRAGON (ZPS-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.

TABLE 33. FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

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

NAME	ON1
BAR VB 233	8.0
BAR VB 3115B	8.0
BAR VB 6820	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.

TABLE 34. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MO1	NJ1	MEAN
KENBLUE	9.0	9.0	9.0
SOUTH DAKOTA	9.0	9.0	9.0
CALIBER	8.3	9.0	8.7
BARIRIS (BAR VB 5649)	8.3	8.3	8.3
BAR VB 3115B	8.3	8.0	8.2
BARUZO	8.0	8.0	8.0
BAR VB 233	8.3	7.3	7.8
EAGLETON	8.0	7.7	7.8
LIPOA	7.0	7.5	7.3
CANTERBURY	7.0	7.3	7.2
DRAGON (ZPS-429)	6.3	8.0	7.2
BARONIE	6.7	7.3	7.0
BH 95-199	6.3	7.0	6.7
PST-B9-196	6.3	7.0	6.7
MTT 683	6.3	6.5	6.4
VB 16015	6.3	6.0	6.2
BAR VB 6820	6.7	5.5	6.1
BARTITIA	5.0	3.3	4.2
NORTH STAR (PST-A7-60)	6.3	2.0	4.2
BARON	4.7	1.0	2.8
BLUE STAR	4.3	1.0	2.7
LSD VALUE	1.3	1.1	0.9
C.V. (%)	12.0	9.9	11.1

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 35. PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER LOW INPUT 1/ 2/  
1999 DATA

NAME	KY1
BAR VB 233	93.7
BAR VB 6820	89.7
BARIRIS (BAR VB 5649)	88.3
NORTH STAR (PST-A7-60)	85.7
EAGLETON	83.0
BARTITIA	82.3
VB 16015	76.7
BARUZO	75.0
LIPOA	73.3
BAR VB 3115B	70.7
BH 95-199	69.0
DRAGON (ZPS-429)	65.0
CALIBER	63.3
MTT 683	63.3
PST-B9-196	63.3
BARONIE	62.7
BLUE STAR	58.3
CANTERBURY	51.3
BARON	50.0
KENBLUE	46.7
SOUTH DAKOTA	45.0
LSD VALUE	35.3
C.V. (%)	31.7

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.