

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.

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

Special Projects Coordinator - Dr. Robert Shearman, University of Nebraska

CURRENT POLICY COMMITTEE MEMBERS:

Mr. Craig Edminster, Cebeco International Seeds, Inc.
Dr. Thomas Fermanian, University of Illinois
Dr. Donald Floyd, Pickseed West, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Peter Landschoot, Penn State University
Dr. Dennis Martin, Oklahoma State University
Dr. Jeffrey Nus, Golf Course Superintendents Assoc. of America
Mr. Ike Thomas, Turfgrass America, Inc.

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, Executive Director
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 001, Room 245
Beltsville, Maryland 20705
kmorris@ntep.org
www.ntep.org

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LOCATIONS SUBMITTING DATA FOR 1999

<u>State</u>	<u>Location</u>	<u>Code</u>
Alberta	Olds	AB1
Iowa	Ames	IA1
Iowa	Ames (Traffic)	IA2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Massachusetts	Amherst	MA1
Maine	Orono	ME1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Missouri	Columbia	MO1
Missouri	St. Louis	MO3
North Carolina	Raleigh	NC1
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
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
(Medium-High Input)
Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	Princeton 105	ProSeeds Marketing	52	Ascot	O. M. Scott & Sons
2	Baron	Standard Entry	53	Coventry	O. M. Scott & Sons
3	A88-744	AgriBiotech, Inc.	54	Sidekick	Ampac Seed Co.
4	Shamrock	LESCO, Inc.	55	Ba 70-060	O. M. Scott & Sons
5	Wildwood	LESCO, Inc.	56	Ba 73-373	O. M. Scott & Sons
6	LKB-95	LESCO, Inc.	57	Envicta (Ba 75-173)	O. M. Scott & Sons
7	Chateau	ProSeeds Marketing	58	Ba 75-490	O. M. Scott & Sons
8	Pepaya (DP 37-192)	DLF/Trifolium	59	Ba 76-197	O. M. Scott & Sons
9	Lipoa	Deutsche Saatveredelung	60	Misty (Ba 76-372)	Pennington Seed, Inc.
10	America	Pickseed West, Inc.	61	Seabring (Ba 79-260)	ProSeeds Marketing
11	Haga	ProSeeds Marketing	62	Ba 81-058	O. M. Scott & Sons
12	BAR VB 233	Barenbrug Holland	63	Ba 81-113	O. M. Scott & Sons
13	BAR VB 3115B	Barenbrug Holland	64	Ba 81-220	O. M. Scott & Sons
14	BAR VB 5649	Barenbrug Holland	65	Jewel (Ba 81-227)	O. M. Scott & Sons
15	BAR VB 6820	Barenbrug Holland	66	Ba 81-270	O. M. Scott & Sons
16	Ba 75-163	O. M. Scott & Sons	67	Goldrush (Ba 87-102)	The Scotts Co.
17	Ba 77-702	O. M. Scott & Sons	68	H86-690	Jonathan Green & Sons
18	NJ-GD	LESCO, Inc.	69	Sodnet	Turf Merchants, Inc.
19	Champagne (LTP-621)	Lebanon Turf Products	70	LTP-620	Lebanon Turf Products
20	Marquis	Roberts Seed Co.	71	PST-P46	Pure-Seed Testing, Inc.
21	HV 130	Advanta Seeds Pacific, Inc.	72	PST-BO-165	Pure-Seed Testing & Turf-Seed
22	HV 242	Advanta Seeds Pacific, Inc.	73	Blackstone (PST-638)	C. R. Funk - Rutgers University
23	Raven	ProSeeds Marketing	74	Brilliant (PST-B2-42)	Pure-Seed Testing & Turf-Seed
24	Pick 8	Pickseed West, Inc.	75	North Star (PST-A7-60)	Pure-Seed Testing & Turf-Seed
25	Rugby II (MED-18)	Simplot Turf & Horticulture	76	Serene (PST-A7-245A)	Pure-Seed Testing & Turf-Seed
26	Absolute (MED-1497)	Simplot Turf & Horticulture	77	Moonlight (PST-A418)	Pure-Seed Testing & Turf-Seed
27	MED-1580	Simplot Turf & Horticulture	78	Showcase (PST-BO-141)	Pure-Seed Testing & Turf-Seed
28	Bluechip (MED-1991)	Simplot Turf & Horticulture	79	NJ 1190	C. R. Funk - Rutgers University
29	Classic	Peterson Seed Company	80	Challenger	Turf-Seed, Inc.
30	Caliber	Peterson Seed Company	81	Blacksburg	Turf-Seed, Inc.
31	J-1555	Simplot Turf & Horticulture	82	Unique	Turf-Seed, Inc.
32	Odyssey (J-1561)	AgriBiotech, Inc.	83	Midnight	Standard Entry
33	Eclipse	Simplot Turf & Horticulture	84	ZPS-309	ProSeeds Marketing
34	NuStar	Simplot Turf & Horticulture	85	Dragon (ZPS-429)	ProSeeds Marketing
35	Award	Simplot Turf & Horticulture	86	ZPS-2183	ProSeeds Marketing
36	NuGlade	Simplot Turf & Horticulture	87	Glade	Standard Entry
37	Impact (J-1576)	Simplot Turf & Horticulture	88	Kenblue	Standard Entry
38	Total Eclipse (TCR-1738)	AgriBiotech, Inc.	89	Compact	DLF/Trifolium
39	Arcadia (J-1936)	Simplot Turf & Horticulture	90	Conni	DLF/Trifolium
40	Rambo (J-2579)	Simplot Turf & Horticulture	91	Platini	DLF/Trifolium
41	Chicago (J-2582)	National Seed Co.	92	Livingston	Turf-Seed, Inc.
42	Quantum Leap (J-1567)	Roberts Seed Company	93	Jefferson	Jonathan Green & Sons
43	Limousine	Roberts Seed Company	94	Nimbus	Jonathan Green & Sons
44	Explorer (Pick-3561)	Pickseed West, Inc.	95	Allure	Cebeco International Seeds, Inc.
45	Liberator (ZPS-2572)	Zajac Performance Seeds	96	Cardiff	Cebeco International Seeds, Inc.
46	Pick-855	Pickseed West, Inc.	97	Fortuna	Cebeco International Seeds, Inc.
47	SR 2000	Seed Research of OR	98	VB 16015	Cebeco International Seeds, Inc.
48	SR 2100	Seed Research of OR	99	Baronie	Barenbrug USA
49	SR 2109	Seed Research of OR	100	Bartitia	Barenbrug USA
50	SRX 2205	Seed Research of OR	101	Baruzo	Barenbrug USA
51	Abbey	O. M. Scott & Sons	102	NJ-54	C. R. Funk - Rutgers University
			103	Apollo (PST-B3-180)	ProSeeds Marketing

TABLE A.

1999 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1995 NATIONAL KENTUCKY BLUEGRASS TEST (MEDIUM/HIGH 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
AB1	-	-	-	-	-	-	-	-
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IA2	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
IL2	-	-	-	-	-	-	-	-
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	501+	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
MA1	LOAM	6.1-6.5	151-270	241-375	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
ME1	-	-	-	-	-	-	-	-
MI1	SANDY LOAM	-	-	-	-	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
MN1	SILTY CLAY LOAM	6.6-7.0	151-270	501+	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MO3	SILTY CLAY LOAM	6.6-7.0	61-150	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NC1	-	-	-	-	-	-	-	-
NE1	SILTY CLAY LOAM	7.1-7.5	0-60	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	6.1-6.5	271-450	241-375	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
NJ2	SANDY LOAM	5.6-6.0	271-450	376-500	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OH1	SILTY CLAY LOAM	7.1-7.5	0-60	151-240	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.1-6.5	61-150	376-500	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
ON1	SANDY LOAM	7.6-8.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	NO IRRIGATION
PA1	SILT LOAM AND SILT	6.6-7.0	151-270	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
VA1	-	-	-	-	-	-	-	-
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT 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
AB1					X	X	X	X	X	X			X	X	X
IA1					X	X	X	X	X				X	X	X
IA2															
IL1				X	X	X	X	X	X	X				X	
IL2			X	X	X	X	X	X	X	X	X		X		X
IN1				X	X	X	X	X	X	X	X		X	X	X
KS1					X	X	X	X	X	X	X		X	X	
KY1			X	X	X	X	X	X	X	X			X		X
MA1				X	X	X	X	X	X	X					
ME1					X	X	X	X	X	X	X		X		
MI1				X	X	X	X	X	X	X			X	X	X
MN1				X	X	X	X	X	X	X			X	X	X
MO1				X	X	X	X	X		X	X			X	
MO3				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
NJ1				X	X	X	X	X	X	X					
NJ2				X	X	X	X	X	X	X	X	X			X
OH1					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	
QE1					X	X	X	X	X	X			X		X
RI1					X	X	X	X	X	X	X		X	X	X
UT1			X	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	WEAR TOLERANCE	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE WILTING	THATCH MEASUREMENT	MICRODOCHIUM PATCH	LEAF SPOT	STEM RUST	DOLLAR SPOT	SUMMER PATCH
AB1															
IA1															
IA2	X					X									
IL1															
IL2															
IN1															
KS1			X						X						
KY1			X		X		X								
MA1															
ME1															
MI1															
MN1		X	X	X	X	X					X				
MO1															
MO3		X	X	X		X	X								
NC1		X	X	X	X	X	X						X	X	X
NE1		X	X	X											
NJ1						X		X							X
NJ2							X	X				X			
OH1															
OK1		X	X	X	X	X	X	X							X
ON1		X	X	X											
PA1		X													
QE1		X	X								X				
RI1															
UT1			X												
VA1								X							
WA1															

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999

LOCATION	STRIPE SMJT	NECROTIC RING SPOT	PINK SNOW MOLD	BILLBUGS	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	SEEDHEAD RATINGS	PERCENT PATCH DISEASE	LEAF RUST	LEAF SPOT JUNE	LEAF SPOT AUGUST	LEAF SPOT SEPTEMBER
AB1													
IA1													
IA2													
IL1													
IL2													
IN1													
KS1													
KY1									X				
MA1													
ME1											X	X	X
MI1													
MN1		X											
MO1													
MO3													
NC1													
NE1													
NJ1				X									
NJ2	X							X					
OH1													
OK1									X	X	X		
ON1					X	X	X						
PA1													
QE1													
RI1								X					
UT1			X										
VA1													
WA1													

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1999 DATA

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

NAME	AB1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
* MIDNIGHT	6.7	8.1	4.0	7.0	5.4	4.5	8.6	4.0	8.2	6.3	7.0	4.6	7.0	5.5	5.9	6.6	6.6	8.6	7.3	7.4	3.7	7.8	5.6	5.8	6.2	7.4	6.4
* LIBERATOR (ZPS-2572)	6.9	8.4	4.4	7.3	5.7	3.8	8.0	3.5	8.2	6.5	6.8	4.0	6.7	6.0	6.9	6.4	6.2	8.6	6.5	7.3	3.9	7.7	5.0	5.8	6.5	7.1	6.3
* BRILLIANT (PST-B2-42)	6.8	7.3	4.1	7.2	6.6	5.0	7.8	5.1	8.2	5.8	6.0	5.1	5.8	5.0	6.5	5.3	5.2	8.2	5.7	7.2	6.2	7.9	6.3	5.9	6.0	6.9	6.3
* TOTAL ECLIPSE (TCR-1738)	6.8	8.3	4.3	6.6	5.5	3.5	8.5	4.0	8.6	5.8	6.5	4.2	7.7	4.8	6.8	5.5	5.7	8.4	7.0	7.4	3.7	7.8	5.0	6.0	5.6	7.4	6.2
* PRINCETON 105	6.6	7.4	5.1	7.6	5.8	3.3	6.6	4.2	7.7	5.8	6.8	4.5	5.8	6.3	5.9	7.2	6.1	8.6	5.6	7.3	6.7	7.9	5.6	5.9	4.4	6.7	6.2
* NUGLADE	7.0	8.1	4.6	6.0	5.5	3.4	8.1	3.9	8.4	6.7	6.7	4.0	7.0	5.5	6.4	6.2	6.0	8.7	7.4	7.2	3.9	7.9	4.3	5.3	5.9	7.1	6.2
* IMPACT (J-1576)	6.4	7.8	4.2	6.2	5.5	3.5	7.8	4.0	8.4	6.6	6.3	4.5	7.0	4.9	6.9	5.8	5.6	8.6	6.9	7.2	4.3	7.8	5.0	6.0	5.8	7.4	6.2
* AWARD	7.0	8.1	3.9	6.4	6.0	3.5	7.8	3.8	7.3	6.4	6.6	4.2	6.4	5.6	6.6	5.8	5.8	8.7	6.8	7.1	4.8	7.8	5.3	5.3	6.2	7.5	6.2
* SHOWCASE (PST-BO-141)	6.9	7.3	3.8	7.2	6.6	5.6	8.2	4.7	7.6	5.4	5.3	4.4	5.6	4.8	6.0	5.6	5.3	8.1	5.6	7.4	6.2	7.9	6.3	5.7	5.8	7.0	6.2
* NORTH STAR (PST-A7-60)	7.2	7.4	5.0	5.2	6.4	2.9	6.5	4.0	8.7	6.7	6.6	4.6	5.1	4.5	5.2	6.8	5.3	8.2	5.9	7.4	7.2	7.9	8.0	6.0	4.2	7.2	6.2
* ODYSSEY (J-1561)	6.4	7.9	4.2	6.0	5.6	3.9	8.0	4.2	8.0	6.4	6.0	4.6	6.7	5.4	6.7	6.7	5.1	8.4	6.6	7.3	5.0	7.8	5.0	5.7	5.5	7.0	6.2
* UNIQUE	6.9	6.8	3.4	6.1	6.7	5.7	8.2	4.6	7.6	5.6	5.6	5.1	6.0	5.4	5.9	5.2	5.3	7.9	6.1	7.4	6.6	7.9	5.9	5.4	6.0	6.6	6.1
* PICK 8	7.0	7.5	4.2	6.8	5.3	4.1	7.5	3.8	7.6	6.2	5.9	4.7	5.9	5.1	6.1	6.6	5.6	8.2	6.7	7.3	5.7	7.8	5.8	5.9	5.5	6.6	6.1
* APOLLO (PST-B3-180)	6.5	6.7	3.5	6.9	6.5	6.1	7.0	4.4	8.2	5.9	6.7	4.6	5.8	5.3	5.8	5.4	5.0	8.3	6.1	7.2	6.2	7.9	6.3	4.9	5.6	6.3	6.1
* RUGBY II (MED-18)	7.0	7.6	5.0	5.2	5.4	4.0	8.4	3.8	8.1	6.4	6.1	4.4	6.7	5.6	6.4	5.4	5.2	8.6	6.4	7.5	4.2	7.7	5.3	5.2	5.6	7.1	6.1
* AMERICA	6.8	7.1	3.9	7.0	6.6	5.7	7.8	4.4	7.8	6.0	5.7	4.2	5.8	4.8	6.1	4.9	5.3	8.0	5.8	7.2	5.8	7.8	6.1	5.4	5.5	6.2	6.1
* BLACKSBURG	6.7	6.9	3.2	4.6	5.6	3.6	6.5	3.7	8.2	5.7	6.0	4.7	5.8	3.9	7.0	6.4	6.5	8.4	6.1	7.2	6.7	7.8	7.0	6.4	5.6	7.1	6.0
* BLACKSTONE (PST-638)	6.8	6.4	4.4	5.2	5.0	3.0	6.3	3.9	8.2	5.3	6.4	5.0	5.4	4.7	5.8	6.9	6.7	8.4	6.8	7.3	5.1	7.9	6.7	5.7	6.3	6.5	6.0
* MOONLIGHT (PST-A418)	6.4	8.1	3.9	5.6	4.5	2.9	7.4	3.0	8.0	5.4	5.2	4.7	6.0	3.7	5.1	6.3	6.0	8.7	6.2	7.4	6.1	7.9	6.2	5.9	6.8	7.3	6.0
* ARCADIA (J-1936)	6.4	7.9	3.3	5.3	4.9	3.6	7.5	4.4	8.0	5.9	6.1	4.9	5.5	4.4	6.5	4.7	5.1	8.6	6.6	7.4	.7	7.8	5.9	6.1	5.2	6.8	5.9
* JEFFERSON	6.4	6.9	4.1	5.6	5.7	4.8	7.8	4.5	7.3	6.2	5.7	4.4	5.5	4.9	5.8	6.5	5.8	7.8	5.7	7.2	5.6	8.0	6.1	4.8	5.6	6.0	5.9
* ECLIPSE	6.6	6.9	4.2	6.6	5.7	3.4	7.6	3.6	7.6	6.1	5.8	4.8	5.6	4.5	5.6	5.6	5.3	8.2	6.1	7.2	5.4	7.9	5.4	5.4	5.6	6.0	5.9
* GLADE	6.6	7.5	4.4	5.2	5.5	3.3	7.5	4.5	7.3	6.4	5.7	4.8	5.6	4.4	5.8	4.9	5.2	8.2	5.7	7.4	5.2	7.8	5.9	6.2	5.2	6.6	5.9
* ZPS-2183	6.7	7.7	3.4	4.3	5.2	3.1	6.0	4.5	7.3	5.6	6.2	4.6	5.0	3.9	6.0	5.7	5.9	8.4	5.9	7.3	6.3	7.7	6.7	6.0	6.3	6.5	5.9
* QUANTUM LEAP (J-1567)	6.9	7.7	3.5	5.9	5.4	3.2	8.0	3.6	8.2	5.9	5.8	4.3	6.0	4.4	6.0	5.0	5.3	8.6	6.4	7.2	4.3	7.7	5.5	5.7	5.1	6.4	5.8
* CHAMPAGNE (LTP-621)	6.7	7.3	3.8	6.6	5.5	3.7	7.8	3.7	7.9	6.7	5.8	4.5	5.0	4.9	5.5	4.3	5.5	7.8	5.7	7.2	4.8	7.9	5.5	5.2	6.3	6.3	5.8
* NUSTAR	7.0	7.3	4.5	4.9	5.9	3.0	7.0	3.4	7.1	6.3	5.0	5.1	5.6	4.5	5.9	5.4	5.3	7.6	5.9	7.3	5.8	7.8	5.1	5.4	5.8	6.1	5.8
* WILDWOOD	7.1	7.7	4.7	4.1	6.0	4.1	5.5	3.3	8.4	6.8	6.7	4.5	5.4	4.3	5.1	4.3	5.6	7.9	5.4	7.2	5.6	7.9	6.1	5.3	4.4	7.0	5.8
* CHICAGO (J-2582)	6.7	7.1	3.6	6.6	5.1	3.4	6.5	3.8	7.7	6.2	5.9	4.7	5.7	4.5	6.0	3.2	4.9	8.0	6.8	7.1	.7	7.9	5.0	5.6	5.6	6.6	5.8
* ABSOLUTE (MED-1497)	7.2	7.8	4.3	4.5	5.8	3.3	6.7	4.0	8.1	6.3	6.2	4.5	6.3	4.7	5.9	3.1	3.7	8.5	6.1	7.4	4.8	7.7	4.5	5.7	5.6	7.2	5.8
* SR 2109	7.0	7.1	4.1	4.9	6.0	3.5	5.1	3.4	7.8	6.2	5.9	4.6	5.3	4.1	5.2	3.4	6.5	8.1	5.2	7.1	7.7	7.8	5.8	6.0	5.2	6.0	5.7
* LIVINGSTON	6.8	6.7	4.3	5.4	5.8	4.1	6.9	4.8	7.3	5.6	6.0	4.4	4.8	4.4	5.6	4.5	5.6	7.6	5.7	7.4	5.7	8.0	5.0	5.2	5.9	5.5	5.7
* SERENE (PST-A7-245A)	7.1	7.5	3.7	5.6	5.5	3.6	7.0	3.3	7.2	5.6	5.1	4.9	5.9	4.0	6.0	4.6	4.9	8.1	5.7	7.2	5.2	7.9	5.1	5.8	5.6	6.4	5.7
* BA 75-490	6.8	6.9	3.4	5.9	5.3	4.1	7.1	3.6	7.1	6.4	6.0	4.7	5.6	4.4	5.8	4.8	4.9	8.0	5.4	7.3	4.8	7.8	5.4	4.9	5.4	6.4	5.7
* BA 81-058	6.7	7.2	3.9	6.2	5.3	3.5	7.8	3.7	7.4	6.5	5.5	4.5	5.8	4.3	5.0	4.8	4.9	8.2	6.1	7.3	4.1	7.8	4.6	5.6	5.6	6.0	5.7
* RAMBO (J-2579)	7.2	6.9	3.6	4.7	6.4	3.3	6.8	4.9	8.2	5.6	5.2	4.8	5.3	3.9	6.4	3.9	5.3	8.0	5.7	7.2	5.2	7.9	5.4	5.2	4.7	5.8	5.7
* PST-P46	6.8	7.9	3.7	4.4	5.2	2.9	5.4	3.7	8.0	6.2	6.7	4.3	5.8	3.7	5.1	4.1	5.6	8.5	5.4	7.3	6.1	7.9	5.2	5.6	4.6	6.8	5.6
* NJ 1190	7.1	7.7	2.8	1.8	6.4	3.1	4.5	5.5	8.3	6.9	6.2	4.6	4.6	3.6	7.4	3.1	5.9	8.3	5.4	7.3	6.5	7.8	6.1	4.9	4.9	5.9	5.6
* NJ-GD	6.9	7.1	3.4	4.7	5.7	3.2	6.8	3.3	7.2	6.2	6.4	4.5	5.4	3.9	5.9	4.2	6.1	7.9	5.7	7.3	5.4	7.8	5.7	4.4	5.0	6.3	5.6
* BAR VB 3115B	6.9	6.6	4.1	6.0	4.8	3.0	6.9	4.1	7.6	7.3	6.1	4.6	4.8	4.3	6.0	5.8	4.7	7.7	5.2	7.1	5.2	7.9	5.3	4.6	4.9	4.9	5.6
* SR 2000	6.9	7.7	4.4	4.5	3.1	3.2	7.4	3.6	7.4	6.2	6.3	3.9	6.5	4.1	5.4	3.5	4.1	8.6	6.5	7.3	5.2	7.8	6.0	5.2	5.2	6.0	5.6
* JEWEL (BA 81-227)	7.1	7.2	3.9	5.4	5.5	4.1	5.9	2.9	7.3	5.8	5.1	4.7	5.4	4.3	5.6	4.6	5.0	8.3	5.8	7.3	4.5	7.9	5.5	5.5	5.4	6.1	5.6
* EXPLORER (PICK-3561)	7.1	7.3	3.9	5.8	4.6	3.8	7.4	3.4	7.5	6.0	4.8	4.6	5.6	3.8	5.9	3.6	4.6	8.1	6.0	7.1	.7	7.9	5.1	5.8	4.5	6.3	5.6
* BARONIE	6.6	6.6	3.9	5.7	5.0	4.3	7.3	3.7	7.4	6.0	6.1	4.5	5.3	4.5	5.7	4.8	4.8	7.7	6.1	7.3	3.3	7.9	3.7	5.0	6.0	5.9	5.6

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
LKB-95	6.8	7.0	4.1	3.2	5.4	3.8	6.2	3.5	7.6	6.3	6.0	5.2	4.9	3.8	6.0	3.1	5.3	7.5	5.2	7.3	6.3	7.8	6.0	5.2	5.6	5.8	5.6
* CONNI	6.6	6.8	4.4	5.1	6.2	2.7	5.3	5.2	7.7	5.3	5.3	4.1	5.1	4.3	5.4	4.4	5.5	7.8	5.3	7.2	5.9	7.8	6.0	5.4	3.7	6.0	5.6
* SHAMROCK	6.9	7.4	3.7	5.1	6.0	3.0	6.5	3.4	8.0	5.8	5.4	4.1	4.9	4.0	6.1	3.6	5.0	8.1	5.3	7.2	4.8	8.0	5.4	5.4	5.3	5.9	5.5
HAGA	6.7	6.9	3.8	6.1	3.8	4.0	7.5	3.1	7.1	5.9	6.1	4.2	5.3	4.6	5.5	4.7	4.9	7.4	5.6	6.9	5.1	7.9	5.2	5.0	5.5	5.5	5.5
* CHATEAU	7.1	7.3	3.6	4.6	5.3	4.0	5.6	3.2	6.7	5.9	5.5	4.8	6.0	4.2	5.9	3.4	5.4	7.8	6.0	7.2	4.7	7.9	5.7	5.1	5.2	6.1	5.5
HV 130	6.9	7.8	3.5	4.3	6.0	4.3	5.5	4.4	7.4	6.6	6.0	5.0	5.2	3.9	6.3	2.5	2.5	8.1	5.1	7.3	4.8	7.8	6.1	5.3	5.2	6.0	5.5
NJ-54	6.7	6.9	3.7	5.4	5.8	3.1	6.8	3.5	7.2	6.3	5.3	4.5	5.6	4.1	5.8	3.6	5.0	8.1	5.2	7.3	4.1	7.9	5.3	5.3	5.6	5.8	5.5
* BARIRIS (BAR VB 5649)	6.9	5.7	3.3	6.1	5.0	3.6	5.8	3.6	7.0	5.3	5.4	4.6	5.2	4.5	5.8	5.8	5.2	7.8	5.6	7.3	3.5	7.9	5.9	5.4	5.3	6.2	5.5
* ALLURE	6.9	6.4	4.0	5.5	4.7	3.1	6.6	3.3	7.3	5.5	5.0	4.4	6.3	3.9	6.2	4.3	4.7	8.0	5.8	7.4	4.9	7.9	5.0	5.1	5.2	6.1	5.5
* COVENTRY	6.8	7.0	3.6	5.1	5.6	3.6	5.9	3.3	6.9	4.9	5.5	4.5	5.7	4.2	6.2	3.8	4.8	8.2	5.8	7.3	4.7	7.9	5.5	5.2	5.6	5.9	5.5
* CLASSIC	6.7	6.7	3.3	4.9	5.0	3.8	7.4	3.5	7.4	5.8	5.6	4.3	5.3	5.0	5.3	4.8	5.0	7.7	5.1	7.2	3.7	7.9	4.6	5.7	5.9	5.6	5.5
* SEABRING (BA 79-260)	6.3	7.3	3.6	5.3	4.7	3.6	6.7	3.4	6.8	6.1	6.4	4.4	5.8	4.8	4.2	2.8	5.0	8.6	5.9	7.3	4.9	7.9	4.3	5.6	4.5	7.0	5.5
MED-1580	6.3	6.9	3.6	5.1	5.5	3.2	7.3	3.5	7.1	5.8	5.5	4.5	5.6	4.1	5.2	3.3	4.9	8.0	6.1	7.2	7.8	4.4	5.6	4.5	6.5	5.5	
* CALIBER	6.9	5.9	3.8	5.0	4.6	3.5	6.9	3.8	7.3	6.0	5.0	4.4	5.3	4.7	5.9	4.3	5.0	7.5	5.5	7.3	4.2	7.9	5.4	5.5	5.0	6.1	5.5
* SR 2100	6.9	7.3	5.0	5.4	4.0	2.6	6.1	3.0	7.4	5.3	5.3	4.4	5.9	4.4	4.9	4.4	3.4	8.2	6.0	7.1	5.1	7.9	5.3	5.0	6.0	6.2	5.5
BAR VB 233	7.1	5.2	3.0	5.9	5.6	3.3	6.0	3.5	7.6	5.1	4.8	4.5	5.8	5.1	6.2	5.2	5.0	7.9	5.6	7.1	2.9	7.9	6.1	5.0	4.5	6.7	5.5
ZPS-309	6.9	5.5	3.5	6.3	4.3	3.2	6.3	3.9	7.5	5.4	4.7	4.9	5.4	6.0	5.2	5.0	5.1	7.8	6.2	7.3	2.8	7.9	5.1	5.2	4.8	6.3	5.5
BA 81-270	7.1	6.6	3.7	5.1	5.8	3.7	5.4	3.3	7.1	5.3	6.0	4.5	5.5	3.8	6.0	4.7	5.4	8.0	5.5	7.3	4.4	7.8	4.5	5.1	4.7	6.0	5.5
* LIMOUSINE	7.3	5.2	3.3	4.2	6.5	2.9	5.9	5.3	8.7	4.3	5.4	4.3	5.5	3.8	5.8	6.2	4.7	8.0	5.1	7.2	4.8	7.8	5.7	4.8	3.7	5.6	5.5
* PLATINI	7.1	4.6	3.0	5.3	4.5	3.4	5.6	4.2	7.6	5.1	5.0	4.1	5.3	4.9	6.3	5.9	5.4	8.1	5.5	7.2	3.1	7.8	5.7	5.8	4.7	6.4	5.5
* RAVEN	6.7	7.1	4.2	4.4	5.1	2.6	6.8	3.5	7.2	6.0	5.2	4.8	5.6	3.9	5.8	3.2	3.3	8.3	5.7	7.3	4.5	7.9	5.5	5.2	5.5	6.4	5.5
PST-BO-165	7.1	7.1	3.0	5.7	5.0	4.0	6.7	3.2	6.5	5.4	5.1	4.3	6.1	4.1	5.9	2.9	5.1	7.9	5.5	7.4	3.5	7.9	5.3	5.4	5.1	6.2	5.4
* CHALLENGER	6.8	7.3	3.5	4.6	4.6	3.5	6.8	3.5	7.2	5.5	6.0	4.3	5.3	3.9	6.0	2.9	4.9	8.2	5.9	7.4	3.4	8.0	4.6	5.5	5.1	6.6	5.4
* ABBEY	6.9	7.3	4.2	4.8	5.4	2.7	7.2	3.2	6.4	6.3	5.3	5.0	5.3	4.3	5.2	2.9	3.6	8.1	5.2	7.3	4.2	7.9	4.8	5.4	6.1	6.2	5.4
BA 77-702	7.1	7.3	4.0	5.3	5.5	2.6	7.1	3.2	6.6	5.4	5.4	4.7	5.8	4.3	5.7	2.9	2.7	7.9	5.7	7.3	4.0	7.9	5.4	5.1	6.2	6.3	5.4
A88-744	7.0	7.3	3.5	5.6	3.8	3.1	6.8	3.3	7.2	6.0	5.0	4.1	5.6	4.4	4.5	4.7	3.8	8.2	5.6	7.0	4.6	7.9	5.4	4.8	5.4	6.2	5.4
* MISTY (BA 76-372)	7.1	7.3	3.8	4.0	5.8	2.4	6.8	3.0	7.3	6.4	6.2	4.5	5.1	4.2	4.2	2.1	5.6	7.9	5.6	7.3	5.3	7.9	5.5	5.1	4.0	6.1	5.4
BA 81-220	6.9	7.0	3.8	3.8	5.3	3.7	6.7	3.0	7.0	5.6	5.4	5.0	5.3	3.9	5.3	2.7	3.1	8.0	5.5	7.4	4.7	7.8	5.0	5.6	6.1	6.7	5.4
* DRAGON (ZPS-429)	6.7	7.3	3.7	4.1	4.2	2.4	6.8	3.2	7.1	5.5	5.1	4.4	5.4	3.9	4.5	3.6	5.1	8.1	5.5	7.4	4.9	7.8	6.0	5.6	5.5	6.1	5.4
BA 73-373	6.7	7.5	3.3	4.0	5.7	3.2	7.0	3.3	6.8	5.6	5.0	4.9	5.7	4.0	5.3	2.7	3.3	8.1	6.0	7.3	4.8	7.9	4.2	5.0	6.1	6.4	5.4
* ENVICTA (BA 75-173)	6.9	7.1	4.5	4.0	5.4	3.8	7.0	3.3	6.7	5.9	4.5	4.6	5.8	4.2	5.5	2.2	3.1	8.1	5.5	7.2	4.1	7.8	4.9	5.0	6.1	6.4	5.4
PICK-855	6.3	7.4	3.9	4.2	4.8	2.3	6.6	3.0	8.0	5.7	5.6	5.0	4.7	3.8	5.8	3.2	5.3	7.9	5.4	7.1	5.8	7.8	4.3	5.0	4.7	5.8	5.4
* ASCOT	6.8	7.5	3.1	4.0	5.0	3.0	6.1	3.0	7.8	6.4	5.5	4.3	5.8	4.0	5.2	2.6	5.2	7.9	5.7	7.3	4.8	7.8	3.8	5.6	4.5	6.5	5.4
LTP-620	6.7	7.2	4.0	4.6	4.4	3.4	6.7	3.7	6.8	6.0	5.3	4.3	5.1	4.2	5.1	2.6	4.6	7.5	6.0	7.2	4.4	7.9	4.1	5.6	5.5	6.2	5.3
BA 70-060	6.9	7.3	3.9	4.4	5.3	3.0	6.9	3.0	7.1	5.9	5.2	5.0	5.0	3.6	5.1	3.6	2.8	8.1	5.3	7.2	4.4	7.9	5.0	4.7	5.9	6.3	5.3
* FORTUNA	6.8	7.5	3.5	5.2	4.7	3.1	7.0	3.3	7.0	5.9	5.2	4.9	5.6	4.0	5.6	3.1	2.5	7.9	6.0	7.4	4.1	7.9	4.2	5.4	4.7	6.4	5.3
* MARQUIS	6.9	6.7	3.7	3.1	5.8	3.0	6.7	3.0	7.1	5.8	5.2	5.3	5.4	3.8	5.0	2.8	3.2	8.1	5.4	7.3	4.5	7.9	4.9	5.6	5.9	6.6	5.3
* SIDEKICK	6.6	7.1	3.9	5.4	3.9	3.2	7.1	3.0	6.7	5.5	6.0	4.2	5.9	4.5	5.0	2.7	4.1	8.1	5.8	7.1	4.0	7.8	4.4	4.7	6.0	5.6	5.3
* GOLDRUSH (BA 87-102)	6.8	7.4	4.0	4.1	5.0	3.6	6.1	3.2	7.4	4.9	4.1	5.0	5.8	3.9	5.2	2.9	3.3	7.8	5.5	7.3	4.3	7.9	4.7	4.9	5.5	6.6	5.3
* CARDIFF	6.6	7.3	3.5	4.6	3.5	2.3	5.4	4.0	7.1	6.3	4.7	4.3	5.5	4.8	5.2	1.3	4.6	8.0	5.4	7.2	6.4	7.8	5.2	5.3	4.2	6.4	5.3
VB 16015	6.9	7.5	3.3	4.2	3.4	1.9	6.3	3.2	6.6	6.7	5.5	3.7	5.8	4.6	5.0	2.4	4.4	8.1	6.1	7.4	4.4	7.8	4.0	5.8	4.9	7.2	5.3
HV 242	7.0	5.6	3.0	5.3	5.2	3.3	5.1	3.8	7.6	5.0	4.9	4.0	5.3	4.4	6.1	4.6	4.9	7.8	5.5	7.3	2.2	7.9	5.5	5.2	4.3	6.1	5.3
BA 76-197	7.1	6.8	3.3	2.8	6.7	3.3	5.9	3.3	7.0	6.0	5.9	4.8	4.5	4.1	5.4	1.9	4.6	7.8	5.1	7.3	3.9	7.8	4.7	4.6	5.4	6.0	5.2
* BLUECHIP (MED-1991)	6.9	6.8	3.5	4.6	5.3	2.7	5.3	3.7	6.7	5.8	4.8	4.9	5.2	4.0	5.6	2.3	3.2	7.7	5.7	7.2	3.9	7.9	4.4	5.6	5.7	6.7	5.2
J-1555	6.8	7.1	3.7	5.3	2.7	3.4	6.8	3.2	7.1	5.0	5.3	4.6	5.4	3.3	5.3	2.4	4.2	7.9	6.1	6.7	7.9	4.3	5.3	4.5	6.1	5.2	

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
* BARON	7.0	6.8	3.4	4.1	5.2	3.0	6.3	3.0	6.9	5.1	5.3	5.0	5.8	4.2	5.4	2.6	2.6	8.1	5.3	7.4	3.9	7.9	4.8	5.3	4.3	6.3	5.2
* NIMBUS	7.1	6.8	3.6	3.0	5.0	2.8	6.6	2.9	6.8	6.2	5.9	5.3	4.8	3.3	5.3	2.8	3.8	7.9	5.6	7.2	3.3	7.9	4.5	5.4	4.8	5.9	5.2
H86-690	6.7	7.5	3.8	3.6	4.2	3.1	5.6	3.2	7.6	6.8	5.0	4.1	4.8	4.2	4.5	1.4	3.9	8.1	5.0	7.3	4.1	7.9	5.3	5.7	4.3	6.3	5.2
BA 81-113	6.7	7.0	3.2	3.9	4.6	3.0	6.5	3.1	6.7	5.8	4.5	4.7	5.5	4.6	4.7	1.4	2.9	7.8	5.8	7.5	3.9	7.9	5.0	5.4	5.5	6.5	5.2
BA 75-163	6.6	7.5	3.0	5.0	3.7	3.3	7.0	2.8	6.8	5.9	3.6	4.3	5.3	4.4	4.9	2.1	4.4	8.2	5.3	7.2	3.6	7.8	4.7	5.1	4.3	6.5	5.1
* BARTITIA	7.0	6.8	2.8	2.2	5.9	2.2	3.2	3.4	8.0	5.0	5.8	4.6	5.3	3.9	6.0	2.4	5.4	7.8	5.7	7.3	4.3	7.9	4.2	5.3	3.7	6.7	5.1
* SODNET	6.7	7.4	3.3	4.1	5.2	2.8	3.3	3.4	8.4	5.6	5.8	4.3	5.8	4.3	4.6	1.4	4.6	8.1	5.4	7.2	4.0	7.7	3.6	5.5	3.8	6.7	5.1
SRX 2205	6.3	7.2	2.8	3.0	5.3	2.5	3.9	3.1	6.8	6.6	5.5	4.6	4.3	3.6	4.4	2.9	5.4	7.7	5.0	7.2	4.2	7.7	5.0	5.3	4.8	6.0	5.0
BAR VB 6820	7.1	4.9	3.1	4.4	6.0	2.3	2.6	3.2	8.2	6.0	4.7	4.0	4.8	4.8	4.7	3.2	5.9	7.8	5.3	7.2	2.9	7.7	4.5	5.3	2.4	7.3	5.0
* COMPACT	6.4	6.9	3.5	3.7	2.4	3.3	6.3	2.9	6.5	6.0	4.2	4.0	5.1	3.8	5.3	2.2	3.5	7.2	5.1	7.1	4.6	7.8	4.6	4.0	4.4	4.9	4.8
* KENBLUE	6.2	6.3	3.6	4.6	2.8	2.7	5.9	2.8	6.3	5.9	5.0	4.6	5.1	3.9	4.1	2.5	3.3	6.6	5.4	7.2	4.4	7.7	4.7	4.4	4.5	4.9	4.8
* LIPOA	6.7	7.5	2.9	3.2	2.8	3.2	3.5	3.4	7.4	5.6	5.3	4.8	4.7	3.9	5.0	1.2	3.2	7.7	5.3	7.2	2.2	7.5	4.1	4.6	3.1	6.0	4.7
* BARUZO	6.6	6.7	2.6	4.3	3.8	1.8	3.4	3.0	7.0	5.9	2.9	3.9	5.0	4.9	3.7	1.2	3.8	7.9	6.0	7.0	3.3	7.8	3.9	5.1	3.9	5.7	4.6
* PEPAYA (DP 37-192)	6.9	6.7	2.8	4.2	4.3	2.3	1.7	2.9	5.8	6.3	3.9	3.5	4.7	3.9	3.3	1.1	4.4	7.8	5.2	7.2	2.9	7.7	1.8	5.0	2.8	6.2	4.4
LSD VALUE	0.5	1.0	1.0	1.3	1.1	1.1	1.1	0.9	0.7	1.0	1.1	0.7	0.7	0.9	0.8	1.6	0.8	0.3	0.8	0.3	1.0	0.2	0.7	0.8	1.2	0.5	0.2
C.V. (%)	4.5	9.1	16.2	16.6	13.6	20.0	10.1	15.0	6.2	10.3	11.8	10.0	8.2	13.1	9.2	25.0	10.1	2.6	8.4	2.8	12.9	1.6	8.2	9.8	13.9	5.4	10.1

* 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 MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) 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
MIDNIGHT	5.0	5.7	5.2	5.5	6.4	6.8	6.6	6.3	6.4	6.4	6.3	6.7	6.4
LIBERATOR (ZPS-2572)	5.7	5.7	5.4	5.6	6.4	6.7	6.4	6.2	6.5	6.3	6.1	6.5	6.3
BRILLIANT (PST-B2-42)	5.7	5.3	6.2	6.0	6.4	6.5	6.3	6.2	6.3	6.1	5.8	4.7	6.3
TOTAL ECLIPSE (TCR-1738)	4.7	5.0	4.9	5.5	6.3	6.5	6.3	6.1	6.4	6.3	5.9	6.3	6.2
PRINCETON 105	6.3	7.3	5.6	5.7	6.4	6.4	6.2	5.9	6.2	6.2	5.9	5.7	6.2
NUGLADE	5.3	5.7	5.2	5.4	6.2	6.5	6.4	6.1	6.4	6.2	5.7	6.7	6.2
IMPACT (J-1576)	5.0	5.0	4.9	5.5	6.4	6.4	6.3	6.0	6.3	6.1	5.8	6.0	6.2
AWARD	5.7	6.0	5.6	5.4	6.3	6.4	6.3	6.0	6.2	6.2	5.9	6.5	6.2
SHOWCASE (PST-BO-141)	5.0	4.3	5.5	5.9	5.7	6.4	6.2	6.3	6.2	6.3	6.0	4.7	6.2
NORTH STAR (PST-A7-60)	4.0	3.7	4.1	4.6	6.3	6.7	6.4	6.1	6.3	6.1	5.6	4.8	6.2
ODYSSEY (J-1561)	5.7	5.7	5.0	5.5	6.3	6.6	6.3	6.0	6.1	6.0	5.8	5.6	6.2
UNIQUE	5.3	5.3	5.9	5.8	6.0	6.1	6.3	6.3	6.1	6.3	5.8	5.1	6.1
PICK 8	4.3	4.7	5.5	5.6	6.1	6.3	6.2	6.1	6.0	6.2	6.0	5.9	6.1
APOLLO (PST-B3-180)	5.3	5.7	5.5	5.5	6.0	6.3	6.3	6.2	6.1	6.2	6.0	4.8	6.1
RUGBY II (MED-18)	5.3	5.3	5.0	5.5	6.3	6.4	6.2	5.9	6.2	6.0	5.8	5.9	6.1
AMERICA	4.7	4.3	5.9	5.7	6.0	6.3	6.2	6.1	6.1	6.0	5.7	4.7	6.1
BLACKSBURG	4.3	4.0	4.7	5.5	6.1	6.4	6.0	5.9	6.1	6.0	5.6	5.2	6.0
BLACKSTONE (PST-638)	4.3	4.0	5.4	5.7	6.1	6.1	6.0	5.9	6.0	6.0	5.7	5.9	6.0
MOONLIGHT (PST-A418)	3.3	3.0	4.9	5.7	6.1	6.4	6.1	5.8	5.8	5.7	5.5	5.0	6.0
ARCADIA (J-1936)	5.0	5.0	4.9	5.3	6.1	6.4	6.0	5.6	5.9	5.9	5.5	5.4	5.9
JEFFERSON	4.7	4.7	5.4	6.1	5.8	6.0	6.1	5.8	5.8	5.9	5.7	5.3	5.9
ECLIPSE	4.3	4.3	5.7	5.7	6.0	6.1	5.8	5.7	5.8	5.9	5.6	4.9	5.9
GLADE	4.7	4.7	4.8	5.4	6.0	6.2	5.9	5.7	5.8	5.8	5.5	5.1	5.9
ZPS-2183	3.3	3.3	4.7	5.5	6.2	6.2	5.9	5.7	5.8	5.5	5.2	5.1	5.9
QUANTUM LEAP (J-1567)	4.3	4.7	5.1	5.1	6.0	6.2	6.0	5.5	5.9	5.8	5.5	5.3	5.8
CHAMPAGNE (LTP-621)	5.0	5.7	6.5	6.0	5.8	5.8	5.8	5.6	5.9	5.8	5.7	5.1	5.8
NUSTAR	4.3	4.7	4.7	5.3	5.8	6.2	5.9	5.6	5.8	5.6	5.3	5.2	5.8
WILDWOOD	4.0	4.7	3.8	5.1	6.3	6.4	5.7	5.5	5.6	5.4	5.2	5.0	5.8
CHICAGO (J-2582)	5.0	5.0	5.4	5.3	5.8	6.1	5.8	5.6	5.7	5.6	5.7	5.3	5.8
ABSOLUTE (MED-1497)	4.7	4.3	4.4	5.2	6.0	6.2	5.8	5.5	6.0	5.7	5.1	4.9	5.8
SR 2109	4.7	4.0	4.9	5.3	6.0	6.1	5.8	5.4	5.5	5.6	5.3	4.8	5.7
LIVINGSTON	4.7	5.0	5.3	5.7	5.7	5.9	5.8	5.4	5.7	5.7	5.3	5.1	5.7
SERENE (PST-A7-245A)	4.0	4.0	5.1	5.6	6.2	6.2	5.5	5.4	5.5	5.5	5.3	4.4	5.7
BA 75-490	4.7	4.3	5.6	5.7	5.6	5.8	5.8	5.5	5.8	5.6	5.3	5.0	5.7
BA 81-058	4.7	4.3	5.7	5.8	5.8	6.0	5.8	5.2	5.7	5.5	5.2	4.8	5.7
RAMBO (J-2579)	3.7	4.0	4.5	5.3	5.9	5.9	5.6	5.5	5.7	5.5	5.2	4.7	5.7
PST-P46	3.3	3.3	3.8	4.9	5.9	6.2	5.7	5.3	5.7	5.5	4.9	4.4	5.6
NJ 1190	3.0	2.7	3.2	5.2	5.8	6.1	5.6	5.4	5.6	5.4	5.0	4.8	5.6
NJ-GD	3.3	3.7	4.9	5.6	5.8	5.7	5.5	5.4	5.7	5.7	5.1	4.8	5.6
BAR VB 3115B	4.7	4.3	5.3	5.8	5.9	5.9	5.6	5.1	5.4	5.5	4.9	4.5	5.6
SR 2000	4.7	4.3	4.6	5.1	5.7	5.9	5.7	5.4	5.7	5.5	5.2	4.8	5.6
JEWEL (BA 81-227)	4.3	4.3	4.5	5.4	5.9	6.0	5.5	5.2	5.4	5.6	5.4	4.8	5.6
EXPLORER (PICK-3561)	3.7	4.0	4.8	5.2	5.9	6.0	5.6	5.3	5.5	5.5	5.2	4.5	5.6
BARONIE	4.0	4.3	5.9	5.7	5.6	5.6	5.3	5.2	5.6	5.7	5.7	5.5	5.6

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LKB-95	3.3	4.0	4.8	5.1	5.7	6.0	5.5	5.3	5.5	5.6	5.1	4.5	5.6
CONNI	4.0	3.7	4.1	5.0	5.8	6.0	5.5	5.2	5.7	5.5	5.2	4.9	5.6
SHAMROCK	3.7	3.7	4.8	5.5	5.9	5.8	5.5	5.2	5.4	5.5	5.1	4.5	5.5
HAGA	4.3	4.3	6.1	5.5	5.7	5.5	5.2	5.2	5.6	5.6	5.5	4.9	5.5
CHATEAU	4.0	4.0	4.5	5.4	5.9	6.0	5.4	5.1	5.4	5.4	5.3	4.8	5.5
HV 130	3.7	4.0	4.3	4.7	5.8	6.0	5.6	5.3	5.5	5.5	5.0	3.4	5.5
NJ-54	3.7	4.0	5.1	5.5	5.7	5.9	5.6	5.2	5.4	5.3	5.1	4.6	5.5
BARIRIS (BAR VB 5649)	4.3	4.3	4.9	5.5	5.6	5.9	5.5	5.1	5.5	5.5	5.3	5.2	5.5
ALLURE	3.3	3.3	4.6	5.5	5.9	6.0	5.4	5.1	5.3	5.3	5.3	4.8	5.5
COVENTRY	4.3	4.0	4.7	5.3	5.9	5.9	5.3	5.1	5.4	5.3	5.3	4.9	5.5
CLASSIC	4.7	5.3	5.9	5.6	5.6	5.6	5.2	5.2	5.6	5.6	5.3	5.0	5.5
SEABRING (BA 79-260)	4.7	4.3	4.7	5.2	5.7	5.9	5.6	5.2	5.5	5.4	5.0	4.7	5.5
MED-1580	4.0	4.0	4.6	4.8	5.5	5.9	5.7	5.2	5.5	5.6	5.3	4.8	5.5
CALIBER	4.7	4.7	5.0	5.3	5.5	5.6	5.6	5.3	5.4	5.4	5.4	4.9	5.5
SR 2100	4.3	4.7	5.0	5.3	5.7	5.7	5.5	5.1	5.4	5.3	5.0	4.7	5.5
BAR VB 233	4.3	4.7	4.6	5.4	5.6	5.7	5.3	5.3	5.5	5.4	5.6	5.0	5.5
ZPS-309	6.0	5.3	5.1	5.2	5.4	5.6	5.5	5.3	5.6	5.6	5.5	5.7	5.5
BA 81-270	3.7	3.7	4.2	5.3	5.9	5.9	5.3	5.0	5.4	5.4	5.2	4.4	5.5
LIMOUSINE	3.3	3.3	3.7	5.2	5.7	5.9	5.6	5.3	5.3	5.2	4.7	3.8	5.5
PLATINI	5.7	4.7	4.4	5.5	5.7	5.6	5.4	5.2	5.3	5.5	5.4	5.2	5.5
RAVEN	3.7	3.7	4.4	4.8	5.6	5.8	5.7	5.3	5.4	5.3	4.8	4.3	5.5
PST-BO-165	4.3	4.3	5.7	5.4	5.6	5.8	5.2	5.1	5.3	5.2	5.5	4.5	5.4
CHALLENGER	4.0	3.7	4.9	5.1	5.4	5.6	5.3	5.1	5.6	5.5	5.2	5.3	5.4
ABBEY	3.7	3.7	4.6	5.3	5.2	5.8	5.6	5.4	5.5	5.3	4.9	4.3	5.4
BA 77-702	4.7	4.0	5.0	5.1	5.5	5.7	5.6	5.2	5.5	5.3	4.9	4.8	5.4
A88-744	4.0	4.0	4.7	5.2	5.5	5.7	5.4	5.1	5.4	5.2	5.1	4.6	5.4
MISTY (BA 76-372)	4.0	3.7	4.4	4.9	5.3	5.6	5.5	5.1	5.6	5.6	5.0	4.8	5.4
BA 81-220	3.7	4.3	4.2	5.0	5.4	5.7	5.6	5.3	5.4	5.2	4.7	4.5	5.4
DRAGON (ZPS-429)	3.7	3.7	5.0	4.8	5.0	5.5	5.7	5.5	5.6	5.3	4.9	4.5	5.4
BA 73-373	3.3	3.7	4.5	4.9	5.3	5.7	5.6	5.3	5.4	5.2	4.9	4.6	5.4
ENVICTA (BA 75-173)	4.0	4.0	4.3	5.0	5.3	5.7	5.5	5.3	5.5	5.2	4.9	4.4	5.4
PICK-855	3.3	4.0	4.7	4.5	5.1	5.5	5.6	5.3	5.5	5.4	4.9	4.6	5.4
ASCOT	4.3	4.0	4.3	4.6	5.4	5.7	5.5	5.1	5.4	5.4	5.0	4.2	5.4
LTP-620	4.3	4.0	5.2	5.4	5.3	5.5	5.3	5.1	5.5	5.3	4.9	4.8	5.3
BA 70-060	3.3	3.3	4.3	4.8	5.2	5.7	5.5	5.2	5.5	5.2	4.7	4.3	5.3
FORTUNA	3.7	3.7	4.5	4.8	5.2	5.6	5.4	5.4	5.3	5.2	4.9	4.0	5.3
MARQUIS	4.3	4.0	4.1	4.7	5.2	5.7	5.5	5.4	5.3	5.2	4.9	4.3	5.3
SIDEKICK	4.7	5.0	5.5	5.1	5.0	5.5	5.3	5.1	5.5	5.4	5.1	4.9	5.3
GOLDRUSH (BA 87-102)	3.7	4.0	4.1	4.4	5.1	5.6	5.5	5.3	5.4	5.3	4.9	4.3	5.3
CARDIFF	4.3	4.7	4.2	4.8	5.3	5.5	5.4	5.0	5.4	5.2	4.9	4.4	5.3
VB 16015	4.0	4.7	4.6	5.3	5.3	5.4	5.4	4.8	5.4	5.2	4.8	4.9	5.3
HV 242	4.3	4.3	4.5	5.0	5.3	5.4	5.3	5.0	5.3	5.2	5.1	4.8	5.3
BA 76-197	3.7	4.3	4.1	4.7	5.3	5.4	5.5	5.1	5.2	5.1	4.8	4.6	5.2
BLUECHIP (MED-1991)	3.7	4.0	4.3	4.8	5.2	5.7	5.4	5.1	5.2	5.0	5.0	4.6	5.2
J-1555	3.7	3.7	4.6	4.7	5.3	5.6	5.3	5.0	5.1	5.2	4.7	4.3	5.2

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BARON	3.7	4.0	3.8	4.5	5.3	5.5	5.4	5.2	5.2	5.1	4.7	4.0	5.2
NIMBUS	3.3	2.7	4.2	4.7	5.4	5.6	5.3	4.9	5.1	4.9	4.5	4.1	5.2
H86-690	3.7	4.0	3.9	4.7	5.1	5.3	5.2	5.0	5.3	5.2	4.7	3.9	5.2
BA 81-113	4.0	4.3	4.3	4.8	5.1	5.3	5.3	5.1	5.3	5.1	4.7	4.8	5.2
BA 75-163	3.7	4.0	4.9	5.1	5.2	5.3	5.2	4.8	5.1	5.0	4.7	3.7	5.1
BARTITIA	3.7	4.0	2.3	4.1	5.2	5.4	5.2	4.9	5.3	5.1	4.9	4.6	5.1
SODNET	4.3	4.0	3.1	4.6	5.2	5.3	5.4	4.9	5.2	5.1	4.8	3.8	5.1
SRX 2205	3.7	3.7	3.4	4.3	5.2	5.5	5.2	4.8	5.0	4.9	4.6	4.1	5.0
BAR VB 6820	4.0	4.0	3.0	4.2	5.2	5.4	5.1	4.7	5.2	5.1	4.8	4.6	5.0
COMPACT	4.3	4.0	4.5	4.3	4.7	4.9	4.8	4.7	4.9	4.8	4.5	3.8	4.8
KENBLUE	4.0	4.0	4.5	4.5	4.6	4.7	5.1	4.7	4.9	4.8	4.7	3.9	4.8
LIPOA	3.7	4.0	3.1	4.1	4.7	4.9	4.8	4.4	4.8	4.7	4.2	3.4	4.7
BARUZO	4.3	4.7	3.7	3.8	4.7	5.0	4.7	4.4	4.8	4.7	4.6	4.6	4.6
PEPAYA (DP 37-192)	3.3	3.7	2.7	3.7	4.6	4.9	4.5	4.2	4.3	4.3	4.3	4.1	4.4
LSD VALUE	1.2	1.2	1.2	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.8	1.0	0.5
C.V. (%)	17.9	17.6	35.5	28.1	30.2	27.4	30.5	35.5	32.2	32.6	32.7	26.8	27.0

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 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1999 DATA

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

NAME	AB1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3
MIDNIGHT	68.0	4.0	28.0	6.0	46.0	7.0	1.0	24.0	16.0	23.5	1.0	45.5	2.5
LIBERATOR (ZPS-2572)	30.5	1.0	13.0	2.0	28.5	20.5	7.5	51.5	16.0	12.5	2.5	97.0	5.5
BRILLIANT (EST-B2-42)	54.5	45.0	26.5	3.5	4.0	5.0	11.0	4.0	12.5	68.5	32.0	5.0	32.0
TOTAL ECLIPSE (TCR-1738)	62.5	2.0	15.0	11.5	38.0	40.5	2.0	24.0	3.0	66.0	10.0	88.5	1.0
PRINCETON 105	88.0	30.0	1.0	1.0	24.5	54.5	58.5	17.5	31.5	62.0	2.5	62.0	32.0
NUGLADE	24.5	4.0	6.0	21.5	38.0	45.0	6.0	26.0	6.0	5.5	6.0	95.0	4.0
IMPACT (J-1576)	94.0	11.0	18.0	15.5	38.0	40.5	14.0	20.0	4.0	9.0	14.5	58.0	2.5
AWARD	24.5	4.0	33.0	13.0	13.0	35.5	14.0	29.5	56.0	19.0	8.0	88.5	9.0
SHOWCASE (PST-BO-141)	38.0	38.0	44.0	3.5	4.0	4.0	4.5	7.0	40.0	88.0	65.0	68.5	42.0
NORTH STAR (PST-A7-60)	4.0	30.0	2.5	46.0	8.5	83.0	62.5	21.5	2.0	5.5	9.0	38.5	82.5
ODYSSEY (J-1561)	96.5	7.0	21.0	21.5	34.0	19.0	9.0	16.0	21.0	15.5	28.0	45.5	7.0
UNIQUE	38.0	80.5	79.5	17.0	1.5	2.5	4.5	8.0	40.0	76.5	49.5	5.0	14.5
PICK 8	24.5	20.0	18.0	8.0	54.5	13.5	20.0	33.0	34.5	33.0	36.0	30.0	17.5
APOLLO (PST-B3-180)	92.0	85.0	67.0	7.0	6.0	1.0	34.5	12.5	16.0	49.0	6.0	45.5	32.0
RUGBY II (MED-18)	24.5	18.0	4.0	48.5	49.0	16.5	3.0	33.0	18.5	19.0	21.5	66.0	5.5
AMERICA	62.5	59.5	39.5	5.0	4.0	2.5	11.0	12.5	28.0	47.0	46.5	86.0	25.0
BLACKSBURG	73.0	74.5	89.5	65.0	34.0	33.5	62.5	36.5	14.0	71.0	32.0	30.0	25.0
BLACKSTONE (PST-638)	54.5	93.5	12.0	48.5	72.5	75.0	68.5	27.0	10.0	93.5	11.0	13.5	63.5
MOONLIGHT (EST-A418)	96.5	6.0	39.5	29.5	85.0	83.0	23.0	95.0	23.0	88.0	75.0	34.0	14.5
ARCADIA (J-1936)	94.0	8.5	86.5	40.5	74.0	31.5	18.5	15.0	24.0	51.0	21.5	16.5	53.0
JEFFERSON	98.0	69.5	26.5	31.0	31.0	6.0	14.0	10.0	60.5	30.0	45.0	71.5	55.0
ECLIPSE	91.0	69.5	18.0	9.0	28.5	43.0	17.0	45.0	36.5	37.5	43.0	25.0	42.0
GLADE	88.0	25.5	10.0	46.0	42.0	50.0	18.5	11.0	60.5	15.5	46.5	25.0	47.5
ZPS-2183	73.0	16.0	79.5	77.5	59.5	66.5	76.0	9.0	56.0	72.5	17.0	49.5	89.0
QUANTUM LEAP (J-1567)	46.5	16.0	67.0	25.0	46.0	57.0	7.5	42.5	10.0	57.5	43.0	82.0	13.0
CHAMPAGNE (IIP-621)	73.0	38.0	48.0	11.5	38.0	27.0	11.0	36.5	27.0	7.5	41.0	55.5	87.0
NUSTAR	24.5	45.0	7.5	57.5	18.0	75.0	32.5	60.5	71.0	23.5	89.0	5.0	47.5
WILDWOOD	19.0	16.0	5.0	83.5	15.5	12.0	88.0	65.5	6.0	3.5	4.0	62.0	59.5
CHICAGO (J-2582)	73.0	56.5	59.5	10.0	64.5	43.0	64.5	31.0	33.0	33.0	39.0	30.0	38.5
ABSOLUTE (MED-1497)	2.5	11.0	15.0	70.5	21.0	50.0	56.0	21.5	18.5	27.5	19.0	62.0	11.0
SR 2109	24.5	56.5	23.5	57.5	12.0	37.5	95.0	56.5	29.5	30.0	36.0	38.5	71.5
LIVINGSTON	62.5	87.5	15.0	35.5	21.0	10.5	40.5	6.0	56.0	76.5	25.5	66.0	96.0
SERENE (PST-A7-245A)	6.0	25.5	52.0	29.5	42.0	29.0	37.0	65.5	67.0	76.5	81.0	16.5	17.5
BA 75-490	62.5	72.0	77.0	23.5	57.0	10.5	31.0	45.0	74.5	19.0	32.0	34.0	47.5
BA 81-058	68.0	52.5	35.5	15.5	57.0	39.0	16.0	40.0	49.5	12.5	53.5	53.0	32.0
RAMBO (J-2579)	2.5	69.5	59.5	61.0	10.0	54.5	44.0	5.0	10.0	80.0	72.0	21.5	67.0
PST-P46	54.5	8.5	56.0	73.5	59.5	83.0	90.5	40.0	21.0	35.5	6.0	76.5	32.0
NJ 1190	15.0	13.5	102.0	103.0	8.5	66.5	96.0	1.0	8.0	2.0	17.0	42.0	101.0
NJ-GD	46.5	56.5	77.0	62.0	28.5	61.5	47.0	71.0	64.5	30.0	12.5	55.5	63.5
BAR VB 3115B	38.0	91.5	25.0	20.0	75.0	72.0	40.5	19.0	34.5	1.0	23.5	38.5	96.0
SR 2000	46.5	13.5	10.0	70.5	99.0	58.0	25.0	42.5	52.0	35.5	14.5	100.5	8.0
JEWEL (BA 81-227)	15.0	52.5	35.5	34.0	42.0	13.5	80.5	98.0	60.5	62.0	78.5	30.0	59.5
EXPLORER (PICK-3561)	6.0	38.0	39.5	26.0	81.5	22.5	23.0	56.5	44.5	43.0	92.5	45.5	47.5
BARONIE	88.0	91.5	39.5	27.5	67.5	8.0	26.5	40.0	52.0	40.0	20.0	62.0	71.5
LKB-95	54.5	65.5	23.5	96.5	49.0	22.5	72.0	48.5	40.0	23.5	28.0	3.0	92.0

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	AB1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3
CONNI	84.5	80.5	10.0	50.5	11.0	87.0	92.0	3.0	31.5	91.0	65.0	93.0	82.5
SHAMROCK	38.0	33.0	52.0	54.0	15.5	75.0	66.0	60.5	25.5	62.0	59.0	93.0	91.0
HAGA	79.0	74.5	44.0	19.0	94.5	15.0	21.0	85.0	74.5	54.0	23.5	86.0	75.5
CHATEAU	9.5	49.5	59.5	67.0	52.0	18.0	85.5	74.5	93.0	54.0	55.5	21.5	16.0
HV 130	50.0	11.0	69.0	76.0	15.5	9.0	87.0	14.0	49.5	10.5	32.0	13.5	78.0
NJ-54	79.0	69.5	52.0	35.5	21.0	70.5	50.0	48.5	64.5	27.5	65.0	53.0	47.5
BARIRIS (BAR VB 5649)	38.0	97.0	86.5	18.0	67.5	29.0	83.0	45.0	83.0	91.0	61.5	38.5	79.5
ALLURE	38.0	93.5	29.0	33.0	77.5	66.5	60.5	65.5	60.5	83.0	84.5	71.5	10.0
COVENTRY	54.5	65.5	59.5	52.5	34.0	31.5	80.5	65.5	85.0	101.5	53.5	51.0	37.0
CLASSIC	79.0	87.5	82.5	59.0	70.5	24.0	23.0	47.0	47.0	62.0	49.5	76.5	67.0
SEABRING (BA 79-260)	100.5	45.0	65.0	40.5	79.0	33.5	56.0	60.5	86.5	37.5	12.5	71.5	32.0
MED-1580	100.5	74.5	63.0	52.5	38.0	61.5	26.5	54.0	71.0	68.5	57.0	58.0	47.5
CALIBER	30.5	96.0	48.0	55.0	81.5	35.5	40.5	33.0	56.0	43.0	84.5	66.0	75.5
SR 2100	38.0	45.0	2.5	37.5	91.0	91.5	74.5	95.0	47.0	93.5	65.0	71.5	19.5
BAR VB 233	15.0	100.5	96.5	23.5	32.0	50.0	77.0	51.5	40.0	97.0	91.0	62.0	25.0
ZPS-309	38.0	99.0	72.5	14.0	87.0	61.5	70.5	28.0	44.5	85.5	94.5	19.0	59.5
BA 81-270	15.0	90.0	56.0	50.5	24.5	25.5	89.0	71.0	71.0	91.0	32.0	58.0	55.0
LIMOUSINE	1.0	100.5	82.5	79.5	7.0	81.0	80.5	2.0	1.0	103.0	61.5	82.0	51.5
PLATINI	9.5	103.0	94.5	40.5	84.0	46.5	84.0	17.5	36.5	95.5	84.5	90.5	67.0
RAVEN	73.0	62.0	21.0	75.0	64.5	91.5	47.0	51.5	64.5	39.0	75.0	25.0	42.0
PST-BO-165	9.5	56.5	94.5	27.5	67.5	16.5	53.0	74.5	100.0	88.0	80.0	82.0	12.0
CHALLENGER	58.5	38.0	72.5	63.5	81.5	37.5	44.0	51.5	64.5	82.0	25.5	76.5	67.0
ABBAY	38.0	45.0	21.0	60.0	46.0	89.0	28.0	81.0	101.0	23.5	69.5	8.0	67.0
BA 77-702	9.5	49.5	32.0	43.0	44.0	93.0	29.5	78.0	97.5	85.5	59.0	34.0	32.0
A88-744	24.5	38.0	72.5	32.0	94.5	69.0	50.0	65.5	68.0	43.0	87.5	90.5	42.0
MISTY (BA 76-372)	6.0	45.0	48.0	89.5	24.5	95.0	47.0	95.0	56.0	15.5	17.0	53.0	82.5
BA 81-220	38.0	65.5	44.0	93.0	52.0	25.5	53.0	90.0	80.5	76.5	59.0	10.5	71.5
DRAGON (ZPS-429)	79.0	45.0	52.0	83.5	89.5	96.0	50.0	81.0	71.0	81.0	78.5	68.5	59.5
BA 73-373	68.0	20.0	82.5	89.5	28.5	61.5	37.0	71.0	89.5	72.5	84.5	20.0	38.5
ENVICTA (BA 75-173)	38.0	62.0	7.5	89.5	49.0	20.5	34.5	65.5	93.0	54.0	97.5	45.5	21.5
PICK-855	100.5	30.0	34.0	81.0	76.0	97.0	58.5	90.0	25.5	70.0	48.0	10.5	99.5
ASCOT	54.5	25.5	91.5	89.5	72.5	75.0	73.0	90.0	29.5	15.5	51.5	76.5	32.0
LTP-620	79.0	52.5	30.5	67.0	86.0	46.5	53.0	36.5	89.5	43.0	69.5	82.0	85.5
BA 70-060	46.5	38.0	39.5	72.0	52.0	75.0	40.5	90.0	77.0	57.5	75.0	7.0	89.0
FORTUNA	62.5	25.5	67.0	46.0	77.5	66.5	37.0	71.0	80.5	57.5	75.0	16.5	42.0
MARQUIS	50.0	84.0	56.0	98.0	24.5	79.0	56.0	90.0	71.0	66.0	75.0	1.5	59.5
SIDEKICK	88.0	62.0	39.5	37.5	92.0	61.5	29.5	90.0	93.0	84.0	28.0	86.0	19.5
GOLDRUSH (BA 87-102)	62.5	33.0	30.5	86.0	70.5	29.0	74.5	81.0	47.0	101.5	100.0	10.5	21.5
CARDIFF	84.5	38.0	72.5	63.5	97.0	99.5	90.5	24.0	77.0	23.5	96.0	76.5	51.5
VB 16015	50.0	25.5	86.5	79.5	98.0	102.0	67.0	76.5	97.5	7.5	55.5	102.0	25.0
HV 242	24.5	98.0	93.0	40.5	62.0	54.5	94.0	29.5	40.0	99.0	90.0	96.0	71.5
BA 76-197	15.0	80.5	82.5	101.0	1.5	50.0	78.0	71.0	80.5	43.0	36.0	25.0	102.0
BLUECHIP (MED-1991)	38.0	80.5	72.5	69.0	54.5	89.0	93.0	36.5	95.5	62.0	92.5	16.5	79.5
J-1555	58.5	59.5	52.0	44.0	102.0	43.0	44.0	81.0	77.0	98.0	69.5	38.5	59.5
BARON	24.5	80.5	77.0	85.0	62.0	79.0	68.5	90.0	84.0	95.5	69.5	10.5	25.0

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	AB1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3
NIMBUS	15.0	77.0	63.0	99.0	67.5	85.5	60.5	100.0	89.5	33.0	38.0	1.5	96.0
H86-690	79.0	25.5	46.0	95.0	89.5	70.5	85.5	81.0	43.0	3.5	87.5	93.0	93.0
BA 81-113	79.0	65.5	89.5	92.0	81.5	79.0	64.5	85.0	95.5	66.0	97.5	30.0	55.0
BA 75-163	83.0	20.0	96.5	56.0	96.0	54.5	32.5	103.0	89.5	57.5	102.0	76.5	75.5
BARTITIA	24.5	80.5	101.0	102.0	19.0	101.0	101.0	56.5	21.0	100.0	43.0	49.5	75.5
SODNET	68.0	33.0	86.5	87.0	62.0	85.5	100.0	56.5	6.0	76.5	40.0	82.0	32.0
SRX 2205	100.5	52.5	99.0	100.0	57.0	94.0	97.0	85.0	86.5	10.5	51.5	45.5	103.0
BAR VB 6820	15.0	102.0	91.5	73.5	15.5	99.5	102.0	76.5	12.5	47.0	94.5	98.5	94.0
COMPACT	94.0	74.5	72.5	94.0	103.0	50.0	70.5	100.0	99.0	47.0	99.0	98.5	85.5
KENBLUE	103.0	95.0	63.0	67.0	100.0	89.0	80.5	102.0	102.0	51.0	82.0	38.5	82.5
LIPOA	68.0	22.0	98.0	96.5	101.0	61.5	98.0	60.5	52.0	76.5	65.0	25.0	98.0
BARUZO	88.0	87.5	103.0	77.5	93.0	103.0	99.0	97.0	80.5	51.0	103.0	100.5	89.0
PEPAYA (DP 37-192)	38.0	87.5	100.0	82.0	88.0	98.0	103.0	100.0	103.0	23.5	101.0	103.0	99.5

- 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 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1999 DATA

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

NAME	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
MIDNIGHT	6.0	39.0	5.5	2.0	4.5	2.0	5.0	82.5	86.0	30.0	13.0	6.0	4.0	1
LIBERATOR (ZPS-2572)	3.0	3.0	8.0	5.0	4.5	11.5	50.0	77.0	94.0	65.0	15.0	2.0	12.5	2
BRILLIANT (PST-E2-42)	13.5	8.0	25.0	40.5	30.5	54.0	72.5	11.5	15.0	5.5	11.5	15.0	18.0	3
TOTAL ECLIPSE (TCR-1738)	22.0	5.0	21.0	15.0	16.5	3.0	10.0	84.0	86.0	60.5	4.5	37.0	2.5	4
PRINCETON 105	1.0	34.0	1.0	6.0	10.0	65.0	30.0	4.0	15.0	29.0	11.5	86.0	21.5	5
NUGLADE	7.0	12.0	11.5	8.0	2.5	1.0	82.5	79.5	42.5	90.0	63.0	19.5	12.5	6
IMPACT (J-1576)	16.0	4.0	15.0	20.0	10.0	4.0	63.0	60.5	67.0	60.5	6.0	24.5	2.5	7
AWARD	4.5	7.0	15.0	14.0	2.5	7.0	93.5	43.5	78.5	49.0	55.0	7.5	1.0	8
SHOWCASE (PST-BO-141)	20.0	30.0	20.0	31.5	49.5	61.0	17.0	11.5	15.0	7.0	20.0	23.0	16.0	9
NORTH STAR (PST-A7-60)	35.5	73.0	3.0	31.5	30.5	36.5	5.0	2.0	42.5	1.0	7.5	93.0	7.5	10
ODYSSEY (J-1561)	8.0	6.0	4.0	46.0	16.5	10.0	30.0	34.0	78.5	65.0	20.0	42.0	16.0	11
UNIQUE	9.0	37.0	26.5	31.5	74.0	24.0	3.0	5.0	42.5	22.0	50.5	13.5	31.0	12
PICK 8	11.5	19.5	5.5	18.5	25.5	8.0	50.0	19.5	86.0	23.0	9.5	46.0	31.0	13
APOLLO (PST-B3-180)	10.0	44.5	23.5	55.0	22.0	24.0	72.5	10.0	42.5	5.5	89.5	27.5	51.0	14
RUGBY II (MED-18)	4.5	10.5	23.5	40.5	10.0	13.5	1.5	64.5	100.5	49.0	67.0	29.5	10.5	15
AMERICA	24.0	19.5	30.0	31.5	61.0	39.5	82.5	17.0	86.0	10.0	45.5	42.0	61.0	16
BLACKSBURG	88.0	2.0	9.0	3.5	19.0	24.0	82.5	3.0	67.0	2.0	1.0	27.5	10.5	17
BLACKSTONE (PST-638)	28.0	44.5	2.0	1.0	16.5	5.0	50.0	31.0	42.5	3.5	24.5	4.0	39.0	18
MOONLIGHT (PST-A418)	98.0	80.0	10.0	9.0	1.0	15.5	17.0	13.0	42.5	8.0	9.5	1.0	5.5	19
ARCADIA (J-1936)	46.5	9.0	38.0	47.5	6.5	9.0	10.0	.	86.0	20.0	3.0	57.5	19.0	20
JEFFERSON	16.0	44.5	7.0	13.0	82.0	54.0	63.0	21.5	2.5	12.5	93.0	37.0	84.0	21
ECLIPSE	35.5	57.0	19.0	31.5	30.5	18.5	63.0	23.0	15.0	43.0	50.5	32.0	78.0	22
GLADE	39.0	49.0	31.0	39.0	30.5	57.0	10.0	27.5	67.0	20.0	2.0	60.5	27.5	23
ZPS-2183	88.0	23.5	18.0	12.0	16.5	36.5	30.0	8.0	97.0	3.5	7.5	4.0	35.5	24
QUANTUM LEAP (J-1567)	43.5	30.0	28.5	35.0	10.0	13.5	82.5	60.5	94.0	34.0	22.5	64.0	42.0	25
CHAMPAGNE (LTP-621)	18.0	59.5	47.0	22.5	79.0	51.0	63.0	38.5	42.5	34.0	67.0	4.0	55.0	26
NUSTAR	32.5	34.0	22.0	36.5	96.0	38.0	50.0	17.0	67.0	55.0	45.5	24.5	71.0	27
WILDWOOD	52.0	81.0	47.0	16.0	74.0	81.5	63.0	21.5	42.5	12.5	55.0	88.0	16.0	28
CHICAGO (J-2582)	35.5	26.5	65.5	62.5	56.0	6.0	90.5	.	42.5	60.5	32.0	37.0	31.0	29
ABSOLUTE (MED-1497)	26.0	34.0	69.5	85.0	13.5	24.0	10.0	43.5	100.5	84.0	24.5	32.0	7.5	30
SR 2109	64.0	73.0	61.0	3.5	49.5	95.0	98.0	1.0	67.0	24.0	4.5	57.5	84.0	31
LIVINGSTON	43.5	57.0	43.0	18.5	97.0	47.5	10.0	19.5	2.5	60.5	67.0	22.0	99.5	32
SERENE (PST-A7-245A)	72.5	26.5	41.5	59.5	42.0	47.5	82.5	27.5	42.5	57.5	15.0	32.0	42.0	33
BA 75-490	40.5	48.0	34.0	62.5	56.0	75.0	41.5	40.0	86.0	39.0	91.5	49.5	46.5	34
BA 81-058	48.0	87.5	32.5	58.0	25.5	24.0	30.0	71.5	67.0	81.0	35.0	29.5	81.5	35
RAMBO (J-2579)	84.0	10.5	52.0	31.5	56.0	54.0	82.5	30.0	42.5	43.0	67.0	75.0	92.0	36
PST-P46	97.0	83.0	51.0	21.0	13.5	79.0	30.0	14.0	15.0	53.0	26.5	78.0	20.0	37
NJ 1190	101.0	1.0	67.5	10.5	20.0	81.5	30.0	6.0	86.0	12.5	91.5	67.0	87.5	38
NJ-GD	76.5	34.0	50.0	7.0	74.0	47.5	50.0	24.0	67.0	26.5	102.0	66.0	51.0	39
BAR VB 3115B	52.0	26.5	15.0	69.0	94.0	95.0	96.0	27.5	42.5	45.5	100.0	68.5	102.0	40
SR 2000	66.0	63.5	59.0	79.5	10.0	11.5	30.0	27.5	67.0	18.0	67.0	60.5	78.0	41
JEWEL (BA 81-227)	50.0	54.5	40.0	52.0	22.0	43.0	30.0	53.0	15.0	34.0	40.0	49.5	67.5	42
EXPLORER (PICK-3561)	93.5	39.0	55.0	73.5	49.5	32.5	98.0	.	42.5	56.0	17.0	85.0	51.0	43
BARONIE	35.5	52.5	35.0	65.5	91.0	18.5	30.0	90.5	15.0	101.0	84.5	16.5	89.5	44
LKB-95	91.0	22.0	69.5	36.5	99.0	93.0	30.0	9.0	86.0	16.5	67.0	37.0	92.0	45

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
CONNI	54.5	63.5	45.0	22.5	79.0	84.5	63.0	15.0	86.0	16.5	41.5	99.5	75.0	46
SHAMROCK	70.0	19.5	56.0	49.5	42.0	84.5	82.5	38.5	2.5	43.0	45.5	54.0	86.0	47
HAGA	30.0	59.5	38.0	62.5	101.0	64.0	102.0	33.0	42.5	53.0	87.5	42.0	99.5	48
CHATEAU	61.5	41.0	60.0	25.5	86.0	30.0	82.5	47.0	42.5	28.0	80.0	55.5	71.0	49
HV 130	81.5	13.0	86.5	102.5	37.5	100.5	50.0	43.5	67.0	9.0	59.0	55.5	78.0	50
NJ-54	68.0	50.5	57.5	52.0	42.0	92.0	30.0	71.5	27.0	49.0	61.5	37.0	92.0	51
BARIRIS (BAR VB 5649)	38.0	44.5	17.0	42.0	86.0	61.0	30.0	86.5	42.5	20.0	41.5	53.0	64.0	52
ALLURE	79.0	15.5	49.0	67.5	61.0	41.0	5.0	36.5	42.5	68.0	76.5	59.0	67.5	53
COVENTRY	61.5	17.0	53.0	65.5	30.5	39.5	30.0	48.5	42.5	31.5	72.5	34.0	89.5	54
CLASSIC	13.5	66.5	32.5	55.0	94.0	100.5	63.0	82.5	42.5	78.5	20.0	19.5	97.5	55
SEABRING (BA 79-260)	22.0	99.5	78.5	55.0	6.5	34.0	30.0	36.5	15.0	90.0	32.0	82.5	14.0	56
MED-1580	67.0	73.0	62.0	57.0	56.0	21.0	63.0	.	67.0	86.5	28.5	79.0	37.5	57
CALIBER	27.0	39.0	47.0	52.0	99.0	68.0	50.0	66.5	15.0	39.0	39.0	65.0	67.5	58
SR 2100	43.5	90.0	44.0	88.0	24.0	32.5	93.5	32.0	15.0	49.0	81.5	13.5	58.5	59
BAR VB 233	11.5	15.5	26.5	49.5	74.0	61.0	93.5	94.5	42.5	12.5	84.5	82.5	24.5	60
ZPS-309	2.0	76.5	28.5	47.5	86.0	15.5	41.5	96.0	42.5	57.5	72.5	70.0	55.0	61
BA 81-270	93.5	23.5	38.0	27.0	61.0	68.0	50.0	57.0	67.0	82.5	78.5	73.5	78.0	62
LIMOUSINE	93.5	50.5	11.5	67.5	61.0	97.0	63.0	43.5	67.0	26.5	94.5	98.0	96.0	63
PLATINI	16.0	14.0	13.0	25.5	42.0	68.0	63.0	92.0	67.0	25.0	15.0	73.5	42.0	64
RAVEN	86.0	44.5	63.0	90.5	22.0	47.5	30.0	53.0	15.0	36.5	71.0	42.0	46.5	65
PST-BO-165	65.0	34.0	75.5	44.5	67.0	72.5	17.0	86.5	27.0	49.0	45.5	62.5	64.0	66
CHALLENGER	84.0	30.0	72.5	59.5	30.5	35.0	10.0	88.0	2.5	80.0	37.5	62.5	27.5	67
ABBAY	52.0	79.0	75.5	86.0	42.0	91.0	41.5	64.5	42.5	72.5	45.5	11.5	61.0	68
BA 77-702	49.0	52.5	72.5	100.0	70.5	54.0	50.0	74.0	42.5	41.0	74.5	7.5	51.0	69
A88-744	43.5	96.0	36.0	84.0	30.5	58.0	100.5	50.5	15.0	39.0	94.5	51.5	61.0	70
MISTY (BA 76-372)	58.0	99.5	95.0	17.0	64.0	61.0	30.0	25.0	42.5	36.5	78.5	95.0	73.5	71
BA 81-220	79.0	69.5	81.0	97.0	61.0	68.0	17.0	48.5	67.0	65.0	30.0	9.0	24.5	72
DRAGON (ZPS-429)	84.0	97.0	54.0	44.5	42.0	72.5	10.0	35.0	67.0	15.0	32.0	42.0	67.5	73
BA 73-373	70.0	69.5	81.0	90.5	35.5	27.5	50.0	43.5	15.0	94.0	81.5	11.5	42.0	74
ENVICTA (BA 75-173)	58.0	61.0	93.0	96.0	49.5	68.0	72.5	69.0	67.0	70.5	84.5	10.0	42.0	75
PICK-855	96.0	44.5	64.0	38.0	70.5	77.5	98.0	17.0	67.0	92.0	87.5	76.5	94.0	76
ASCOT	74.0	76.5	83.0	43.0	67.0	54.0	30.0	43.5	86.0	100.0	35.0	80.0	34.0	77
LTP-620	58.0	83.0	84.5	73.5	99.0	27.5	63.0	57.0	15.0	96.0	26.5	46.0	64.0	78
BA 70-060	100.0	83.0	57.5	99.0	35.5	89.5	63.0	55.0	15.0	65.0	96.5	18.0	51.0	79
FORTUNA	70.0	54.5	67.5	102.5	67.0	30.0	17.0	69.0	42.5	94.0	50.5	76.5	46.5	80
MARQUIS	93.5	87.5	77.0	94.5	49.5	81.5	30.0	53.0	42.5	70.5	28.5	21.0	31.0	81
SIDEKICK	32.5	89.0	81.0	79.5	49.5	43.0	93.5	74.0	67.0	88.0	96.5	16.5	97.5	82
GOLDRUSH (BA 87-102)	76.5	76.5	71.0	92.0	79.0	72.5	30.0	62.0	27.0	74.5	89.5	46.0	31.0	83
CARDIFF	25.0	76.5	100.0	70.0	56.0	76.0	63.0	7.0	86.0	53.0	55.0	94.0	46.5	84
VB 16015	29.0	85.0	89.0	76.0	49.5	18.5	17.0	59.0	86.0	98.0	18.0	68.5	9.0	85
HV 242	46.5	19.5	41.5	62.5	86.0	72.5	50.0	98.0	15.0	31.5	67.0	90.5	73.5	86
BA 76-197	63.0	63.5	96.0	71.5	79.0	98.5	50.0	77.0	86.0	77.0	99.0	51.5	81.5	87
BLUECHIP (MED-1991)	72.5	57.0	91.0	93.0	91.0	47.5	82.5	81.0	42.5	86.5	35.0	26.0	24.5	88
J-1555	102.5	66.5	89.0	78.0	74.0	18.5	103.0	.	15.0	90.0	61.5	84.0	71.0	89
BARON	60.0	63.5	84.5	101.0	42.0	88.0	17.0	79.5	15.0	72.5	59.0	89.0	55.0	90

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1999 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
NIMBUS	102.5	69.5	78.5	83.0	67.0	61.0	82.5	90.5	42.5	85.0	45.5	71.0	87.5	91
H86-690	56.0	95.0	99.0	81.0	49.5	102.5	41.5	69.0	15.0	45.5	22.5	90.5	57.0	92
BA 81-113	31.0	92.5	97.5	98.0	86.0	43.0	1.5	77.0	15.0	65.0	50.5	48.0	37.5	93
BA 75-163	40.5	91.0	94.0	76.0	30.5	86.5	72.5	85.0	67.0	76.0	74.5	92.0	35.5	94
BARTITIA	75.0	26.5	89.0	24.0	79.0	47.5	50.0	63.0	15.0	94.0	55.0	99.5	24.5	95
SODNET	54.5	94.0	97.5	71.5	37.5	77.5	82.5	74.0	100.5	102.0	37.5	97.0	21.5	96
SRX 2205	99.0	98.0	74.0	28.0	91.0	102.5	72.5	66.5	97.0	69.0	55.0	72.0	78.0	97
BAR VB 6820	22.0	92.5	65.5	10.5	86.0	89.5	82.5	93.0	97.0	82.5	59.0	103.0	5.5	98
COMPACT	90.0	69.5	92.0	87.0	102.0	98.5	90.5	50.5	67.0	78.5	103.0	87.0	101.0	99
KENBLUE	79.0	101.0	86.5	89.0	103.0	81.5	82.5	57.0	100.5	74.5	101.0	81.0	103.0	100
LIPOA	81.5	86.0	101.5	94.5	94.0	86.5	72.5	97.0	103.0	97.0	98.0	101.0	84.0	101
BARUZO	19.0	102.0	101.5	82.0	67.0	30.0	100.5	89.0	67.0	99.0	76.5	96.0	95.0	102
PEPAYA (DP 37-192)	88.0	103.0	103.0	76.0	86.0	95.0	82.5	94.5	94.0	103.0	84.5	102.0	58.5	103

- 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 MEDIUM/HIGH INPUT USING 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)			MEAN
	2.1-3.0	3.1-4.0	4.1+	
MIDNIGHT	7.1	5.9	6.6	6.4
LIBERATOR (ZPS-2572)	7.1	5.8	6.5	6.3
BRILLIANT (PST-B2-42)	6.3	6.1	6.9	6.3
TOTAL ECLIPSE (TCR-1738)	6.8	5.7	6.6	6.2
PRINCETON 105	6.8	5.8	6.6	6.2
NUGLADE	7.0	5.7	6.3	6.2
IMPACT (J-1576)	6.8	5.7	6.5	6.2
AWARD	6.8	5.8	6.2	6.2
SHOWCASE (PST-BO-141)	6.2	6.0	6.6	6.2
NORTH STAR (PST-A7-60)	6.7	5.8	6.3	6.2
ODYSSEY (J-1561)	6.7	5.8	6.3	6.2
UNIQUE	6.2	6.1	6.2	6.1
PICK 8	6.6	5.8	6.2	6.1
APOLLO (PST-B3-180)	6.3	5.9	6.5	6.1
RUGBY II (MED-18)	6.6	5.8	6.1	6.1
AMERICA	6.2	5.9	6.4	6.1
BLACKSBURG	6.5	5.8	5.9	6.0
BLACKSTONE (PST-638)	6.5	5.7	5.9	6.0
MOONLIGHT (PST-A418)	6.5	5.6	6.0	6.0
ARCADIA (J-1936)	6.3	5.7	6.1	5.9
JEFFERSON	6.4	5.7	5.8	5.9
ECLIPSE	6.3	5.6	6.0	5.9
GLADE	6.2	5.7	5.9	5.9
ZPS-2183	6.4	5.6	5.7	5.9
QUANTUM LEAP (J-1567)	6.4	5.5	6.0	5.8
CHAMPAGNE (LTP-621)	6.2	5.6	6.1	5.8
NUSTAR	6.2	5.7	5.4	5.8
WILDWOOD	6.4	5.4	5.7	5.8
CHICAGO (J-2582)	5.9	5.5	6.2	5.8
ABSOLUTE (MED-1497)	6.1	5.5	6.0	5.8
SR 2109	6.2	5.5	5.5	5.7
LIVINGSTON	5.9	5.6	5.8	5.7
SERENE (PST-A7-245A)	6.1	5.5	5.6	5.7
BA 75-490	6.2	5.4	5.8	5.7
BA 81-058	6.2	5.4	5.8	5.7
RAMBO (J-2579)	5.9	5.5	5.9	5.7
PST-P46	6.4	5.2	5.7	5.6
NJ 1190	6.2	5.4	5.4	5.6
NJ-GD	6.3	5.3	5.4	5.6
BAR VB 3115B	6.2	5.3	5.7	5.6
SR 2000	6.2	5.3	5.4	5.6
JEWEL (BA 81-227)	6.1	5.4	5.4	5.6
EXPLORER (PICK-3561)	5.9	5.4	5.8	5.6
BARONIE	6.0	5.3	5.7	5.6
LKB-95	5.9	5.6	5.0	5.6

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT USING DIFFERENT NITROGEN LEVELS
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	NITROGEN LEVELS (LBS. OF N/1000 SQ. FT./YEAR)			
	2.1-3.0	3.1-4.0	4.1+	MEAN
CONNI	5.9	5.3	6.0	5.6
SHAMROCK	5.9	5.3	5.6	5.5
HAGA	6.0	5.3	5.5	5.5
CHATEAU	6.0	5.4	5.2	5.5
HV 130	5.7	5.4	5.5	5.5
NJ-54	5.9	5.3	5.5	5.5
BARIRIS (BAR VB 5649)	5.9	5.3	5.7	5.5
ALLURE	5.9	5.3	5.6	5.5
COVENTRY	5.8	5.4	5.3	5.5
CLASSIC	5.9	5.3	5.4	5.5
SEABRING (BA 79-260)	6.0	5.2	5.6	5.5
MED-1580	5.8	5.3	5.6	5.5
CALIBER	5.7	5.3	5.6	5.5
SR 2100	5.8	5.3	5.5	5.5
BAR VB 233	5.8	5.2	5.9	5.5
ZPS-309	5.7	5.2	6.0	5.5
BA 81-270	6.1	5.2	5.4	5.5
LIMOUSINE	5.8	5.1	6.0	5.5
PLATINI	5.8	5.1	5.9	5.5
RAVEN	5.7	5.3	5.4	5.5
PST-BO-165	5.9	5.2	5.4	5.4
CHALLENGER	5.9	5.2	5.5	5.4
ABBEY	5.7	5.3	5.2	5.4
BA 77-702	5.6	5.4	5.4	5.4
A88-744	5.9	5.1	5.6	5.4
MISTY (BA 76-372)	6.0	5.2	5.1	5.4
BA 81-220	5.5	5.4	5.1	5.4
DRAGON (ZPS-429)	5.9	5.2	5.2	5.4
BA 73-373	5.6	5.3	5.1	5.4
ENVICTA (BA 75-173)	5.4	5.4	5.1	5.4
PICK-855	5.8	5.2	5.2	5.4
ASCOT	6.0	5.0	5.3	5.4
LTP-620	5.6	5.2	5.3	5.3
BA 70-060	5.6	5.2	5.2	5.3
FORTUNA	5.6	5.2	5.5	5.3
MARQUIS	5.5	5.3	5.0	5.3
SIDEKICK	5.7	5.1	5.2	5.3
GOLDRUSH (BA 87-102)	5.4	5.2	5.3	5.3
CARDIFF	5.5	5.0	5.5	5.3
VB 16015	5.9	4.9	5.3	5.3
HV 242	5.6	4.9	5.7	5.3
BA 76-197	5.6	5.2	4.8	5.2
BLUECHIP (MED-1991)	5.3	5.1	5.4	5.2
J-1555	5.5	5.0	5.4	5.2
BARON	5.4	5.1	5.1	5.2

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT USING DIFFERENT NITROGEN LEVELS
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	NITROGEN LEVELS (LBS. OF N/1000 SQ. FT./YEAR)			
	2.1-3.0	3.1-4.0	4.1+	MEAN
NIMBUS	5.6	5.0	4.6	5.2
H86-690	5.5	4.9	5.2	5.2
BA 81-113	5.2	5.2	5.0	5.2
BA 75-163	5.4	4.9	5.3	5.1
BARTITIA	5.7	4.8	5.1	5.1
SODNET	5.7	4.6	5.6	5.1
SRX 2205	5.7	4.7	4.7	5.0
BAR VB 6820	5.5	4.5	5.8	5.0
COMPACT	5.2	4.7	4.5	4.8
KENBLUE	5.1	4.7	4.6	4.8
LIPOA	5.2	4.3	5.0	4.7
BARUZO	5.0	4.4	5.0	4.6
PEPAYA (DP 37-192)	5.2	3.9	4.8	4.4
LSD VALUE	0.3	0.2	0.5	0.2
C.V. (%)	9.9	10.2	10.3	10.1

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 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
 USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
 1999 DATA

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

NAME	ABI	IAI	MI1	MN1	MO3	NJ1	NJ2	OH1	MEAN
MIDNIGHT	6.7	8.1	6.3	7.0	7.0	6.6	6.6	8.6	7.1
LIBERATOR (ZPS-2572)	6.9	8.4	6.5	6.8	6.7	6.4	6.2	8.6	7.1
NUGLADE	7.0	8.1	6.7	6.7	7.0	6.2	6.0	8.7	7.0
AWARD	7.0	8.1	6.4	6.6	6.4	5.8	5.8	8.7	6.8
TOTAL ECLIPSE (TCR-1738)	6.8	8.3	5.8	6.5	7.7	5.5	5.7	8.4	6.8
PRINCETON 105	6.6	7.4	5.8	6.8	5.8	7.2	6.1	8.6	6.8
IMPACT (J-1576)	6.4	7.8	6.6	6.3	7.0	5.8	5.6	8.6	6.8
ODYSSEY (J-1561)	6.4	7.9	6.4	6.0	6.7	6.7	5.1	8.4	6.7
NORTH STAR (PST-A7-60)	7.2	7.4	6.7	6.6	5.1	6.8	5.3	8.2	6.7
RUGBY II (MED-18)	7.0	7.6	6.4	6.1	6.7	5.4	5.2	8.6	6.6
PICK 8	7.0	7.5	6.2	5.9	5.9	6.6	5.6	8.2	6.6
BLACKSTONE (PST-638)	6.8	6.4	5.3	6.4	5.4	6.9	6.7	8.4	6.5
BLACKSBURG	6.7	6.9	5.7	6.0	5.8	6.4	6.5	8.4	6.5
MOONLIGHT (PST-A418)	6.4	8.1	5.4	5.2	6.0	6.3	6.0	8.7	6.5
WILDWOOD	7.1	7.7	6.8	6.7	5.4	4.3	5.6	7.9	6.4
PST-P46	6.8	7.9	6.2	6.7	5.8	4.1	5.6	8.5	6.4
ZPS-2183	6.7	7.7	5.6	6.2	5.0	5.7	5.9	8.4	6.4
QUANTUM LEAP (J-1567)	6.9	7.7	5.9	5.8	6.0	5.0	5.3	8.6	6.4
JEFFERSON	6.4	6.9	6.2	5.7	5.5	6.5	5.8	7.8	6.4
APOLLO (EST-B3-180)	6.5	6.7	5.9	6.7	5.8	5.4	5.0	8.3	6.3
ARCADIA (J-1936)	6.4	7.9	5.9	6.1	5.5	4.7	5.1	8.6	6.3
BRILLIANT (PST-B2-42)	6.8	7.3	5.8	6.0	5.8	5.3	5.2	8.2	6.3
NJ-GD	6.9	7.1	6.2	6.4	5.4	4.2	6.1	7.9	6.3
ECLIPSE	6.6	6.9	6.1	5.8	5.6	5.6	5.3	8.2	6.3
GLADE	6.6	7.5	6.4	5.7	5.6	4.9	5.2	8.2	6.2
SR 2000	6.9	7.7	6.2	6.3	6.5	3.5	4.1	8.6	6.2
BAR VB 3115B	6.9	6.6	7.3	6.1	4.8	5.8	4.7	7.7	6.2
NJ 1190	7.1	7.7	6.9	6.2	4.6	3.1	5.9	8.3	6.2
BA 81-058	6.7	7.2	6.5	5.5	5.8	4.8	4.9	8.2	6.2
SHOWCASE (PST-BO-141)	6.9	7.3	5.4	5.3	5.6	5.6	5.3	8.1	6.2
SR 2109	7.0	7.1	6.2	5.9	5.3	3.4	6.5	8.1	6.2
AMERICA	6.8	7.1	6.0	5.7	5.8	4.9	5.3	8.0	6.2
NUSTAR	7.0	7.3	6.3	5.0	5.6	5.4	5.3	7.6	6.2
UNIQUE	6.9	6.8	5.6	5.6	6.0	5.2	5.3	7.9	6.2
BA 75-490	6.8	6.9	6.4	6.0	5.6	4.8	4.9	8.0	6.2
CHAMPAGNE (LTP-621)	6.7	7.3	6.7	5.8	5.0	4.3	5.5	7.8	6.2
ABSOLUTE (MED-1497)	7.2	7.8	6.3	6.2	6.3	3.1	3.7	8.5	6.1
SERENE (EST-A7-245A)	7.1	7.5	5.6	5.1	5.9	4.6	4.9	8.1	6.1
JEWEL (BA 81-227)	7.1	7.2	5.8	5.1	5.4	4.6	5.0	8.3	6.1
BA 81-270	7.1	6.6	5.3	6.0	5.5	4.7	5.4	8.0	6.1
CHATEAU	7.1	7.3	5.9	5.5	6.0	3.4	5.4	7.8	6.0
SEABRING (BA 79-260)	6.3	7.3	6.1	6.4	5.8	2.8	5.0	8.6	6.0
BARONIE	6.6	6.6	6.0	6.1	5.3	4.8	4.8	7.7	6.0
MISTY (BA 76-372)	7.1	7.3	6.4	6.2	5.1	2.1	5.6	7.9	6.0

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF									
NAME	ABI	IAI	MI1	MN1	MO3	NJ1	NJ2	OH1	MEAN
ASCOT	6.8	7.5	6.4	5.5	5.8	2.6	5.2	7.9	6.0
HAGA	6.7	6.9	5.9	6.1	5.3	4.7	4.9	7.4	6.0
CHICAGO (J-2582)	6.7	7.1	6.2	5.9	5.7	3.2	4.9	8.0	5.9
A88-744	7.0	7.3	6.0	5.0	5.6	4.7	3.8	8.2	5.9
RAMBO (J-2579)	7.2	6.9	5.6	5.2	5.3	3.9	5.3	8.0	5.9
CLASSIC	6.7	6.7	5.8	5.6	5.3	4.8	5.0	7.7	5.9
NJ-54	6.7	6.9	6.3	5.3	5.6	3.6	5.0	8.1	5.9
LIVINGSTON	6.8	6.7	5.6	6.0	4.8	4.5	5.6	7.6	5.9
BARIRIS (BAR VB 5649)	6.9	5.7	5.3	5.4	5.2	5.8	5.2	7.8	5.9
SHAMROCK	6.9	7.4	5.8	5.4	4.9	3.6	5.0	8.1	5.9
VB 16015	6.9	7.5	6.7	5.5	5.8	2.4	4.4	8.1	5.9
ALLURE	6.9	6.4	5.5	5.0	6.3	4.3	4.7	8.0	5.9
CHALLENGER	6.8	7.3	5.5	6.0	5.3	2.9	4.9	8.2	5.9
EXPLORER (PICK-3561)	7.1	7.3	6.0	4.8	5.6	3.6	4.6	8.1	5.9
LKB-95	6.8	7.0	6.3	6.0	4.9	3.1	5.3	7.5	5.9
CONNI	6.6	6.8	5.3	5.3	5.1	4.4	5.5	7.8	5.9
DRAGON (ZPS-429)	6.7	7.3	5.5	5.1	5.4	3.6	5.1	8.1	5.9
PST-BO-165	7.1	7.1	5.4	5.1	6.1	2.9	5.1	7.9	5.9
COVENTRY	6.8	7.0	4.9	5.5	5.7	3.8	4.8	8.2	5.8
SR 2100	6.9	7.3	5.3	5.3	5.9	4.4	3.4	8.2	5.8
LIMOUSINE	7.3	5.2	4.3	5.4	5.5	6.2	4.7	8.0	5.8
PLATINI	7.1	4.6	5.1	5.0	5.3	5.9	5.4	8.1	5.8
MED-1580	6.3	6.9	5.8	5.5	5.6	3.3	4.9	8.0	5.8
PICK-855	6.3	7.4	5.7	5.6	4.7	3.2	5.3	7.9	5.8
BAR VB 233	7.1	5.2	5.1	4.8	5.8	5.2	5.0	7.9	5.8
CALIBER	6.9	5.9	6.0	5.0	5.3	4.3	5.0	7.5	5.7
ZPS-309	6.9	5.5	5.4	4.7	5.4	5.0	5.1	7.8	5.7
SRX 2205	6.3	7.2	6.6	5.5	4.3	2.9	5.4	7.7	5.7
SIDEKICK	6.6	7.1	5.5	6.0	5.9	2.7	4.1	8.1	5.7
ABBAY	6.9	7.3	6.3	5.3	5.3	2.9	3.6	8.1	5.7
HV 130	6.9	7.8	6.6	6.0	5.2	2.5	2.5	8.1	5.7
RAVEN	6.7	7.1	6.0	5.2	5.6	3.2	3.3	8.3	5.7
SODNET	6.7	7.4	5.6	5.8	5.8	1.4	4.6	8.1	5.7
BARTITIA	7.0	6.8	5.0	5.8	5.3	2.4	5.4	7.8	5.7
NIMBUS	7.1	6.8	6.2	5.9	4.8	2.8	3.8	7.9	5.6
HV 242	7.0	5.6	5.0	4.9	5.3	4.6	4.9	7.8	5.6
LTP-620	6.7	7.2	6.0	5.3	5.1	2.6	4.6	7.5	5.6
BA 70-060	6.9	7.3	5.9	5.2	5.0	3.6	2.8	8.1	5.6
BA 73-373	6.7	7.5	5.6	5.0	5.7	2.7	3.3	8.1	5.6
BA 76-197	7.1	6.8	6.0	5.9	4.5	1.9	4.6	7.8	5.6
BA 77-702	7.1	7.3	5.4	5.4	5.8	2.9	2.7	7.9	5.6
FORTUNA	6.8	7.5	5.9	5.2	5.6	3.1	2.5	7.9	5.6
CARDIFF	6.6	7.3	6.3	4.7	5.5	1.3	4.6	8.0	5.5
BAR VB 6820	7.1	4.9	6.0	4.7	4.8	3.2	5.9	7.8	5.5
MARQUIS	6.9	6.7	5.8	5.2	5.4	2.8	3.2	8.1	5.5

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	ABI	IAI	MI1	MN1	MO3	NJ1	NJ2	OH1	MEAN
H86-690	6.7	7.5	6.8	5.0	4.8	1.4	3.9	8.1	5.5
J-1555	6.8	7.1	5.0	5.3	5.4	2.4	4.2	7.9	5.5
BA 81-220	6.9	7.0	5.6	5.4	5.3	2.7	3.1	8.0	5.5
BA 75-163	6.6	7.5	5.9	3.6	5.3	2.1	4.4	8.2	5.4
ENVICTA (BA 75-173)	6.9	7.1	5.9	4.5	5.8	2.2	3.1	8.1	5.4
BARON	7.0	6.8	5.1	5.3	5.8	2.6	2.6	8.1	5.4
GOLDRUSH (BA 87-102)	6.8	7.4	4.9	4.1	5.8	2.9	3.3	7.8	5.4
BLUECHIP (MED-1991)	6.9	6.8	5.8	4.8	5.2	2.3	3.2	7.7	5.3
LIPOA	6.7	7.5	5.6	5.3	4.7	1.2	3.2	7.7	5.2
PEPAYA (DP 37-192)	6.9	6.7	6.3	3.9	4.7	1.1	4.4	7.8	5.2
BA 81-113	6.7	7.0	5.8	4.5	5.5	1.4	2.9	7.8	5.2
COMPACT	6.4	6.9	6.0	4.2	5.1	2.2	3.5	7.2	5.2
KENBLUE	6.2	6.3	5.9	5.0	5.1	2.5	3.3	6.6	5.1
BARUZO	6.6	6.7	5.9	2.9	5.0	1.2	3.8	7.9	5.0
LSD VALUE	0.5	1.0	1.0	1.1	0.7	1.6	0.8	0.3	0.3
C.V. (%)	4.5	9.1	10.3	11.8	8.2	25.0	10.1	2.6	9.9

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 6.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FOURTEEN LOCATIONS
USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	IL1	IN1	KS1	KY1	MO1	NC1	NE1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	MEAN
UNIQUE	3.4	6.7	5.7	8.2	5.1	5.4	5.9	6.1	7.4	6.6	7.9	5.9	5.4	6.0	6.1
BRILLIANT (PST-B2-42)	4.1	6.6	5.0	7.8	5.1	5.0	6.5	5.7	7.2	6.2	7.9	6.3	5.9	6.0	6.1
SHOWCASE (PST-BO-141)	3.8	6.6	5.6	8.2	4.4	4.8	6.0	5.6	7.4	6.2	7.9	6.3	5.7	5.8	6.0
APOLLO (PST-B3-180)	3.5	6.5	6.1	7.0	4.6	5.3	5.8	6.1	7.2	6.2	7.9	6.3	4.9	5.6	5.9
AMERICA	3.9	6.6	5.7	7.8	4.2	4.8	6.1	5.8	7.2	5.8	7.8	6.1	5.4	5.5	5.9
MIDNIGHT	4.0	5.4	4.5	8.6	4.6	5.5	5.9	7.3	7.4	3.7	7.8	5.6	5.8	6.2	5.9
NORTH STAR (PST-A7-60)	5.0	6.4	2.9	6.5	4.6	4.5	5.2	5.9	7.4	7.2	7.9	8.0	6.0	4.2	5.8
PICK 8	4.2	5.3	4.1	7.5	4.7	5.1	6.1	6.7	7.3	5.7	7.8	5.8	5.9	5.5	5.8
LIBERATOR (ZPS-2572)	4.4	5.7	3.8	8.0	4.0	6.0	6.9	6.5	7.3	3.9	7.7	5.0	5.8	6.5	5.8
BLACKSBURG	3.2	5.6	3.6	6.5	4.7	3.9	7.0	6.1	7.2	6.7	7.8	7.0	6.4	5.6	5.8
ODYSSEY (J-1561)	4.2	5.6	3.9	8.0	4.6	5.4	6.7	6.6	7.3	5.0	7.8	5.0	5.7	5.5	5.8
RUGBY II (MED-18)	5.0	5.4	4.0	8.4	4.4	5.6	6.4	6.4	7.5	4.2	7.7	5.3	5.2	5.6	5.8
PRINCETON 105	5.1	5.8	3.3	6.6	4.5	6.3	5.9	5.6	7.3	6.7	7.9	5.6	5.9	4.4	5.8
AWARD	3.9	6.0	3.5	7.8	4.2	5.6	6.6	6.8	7.1	4.8	7.8	5.3	5.3	6.2	5.8
JEFFERSON	4.1	5.7	4.8	7.8	4.4	4.9	5.8	5.7	7.2	5.6	8.0	6.1	4.8	5.6	5.7
IMPACT (J-1576)	4.2	5.5	3.5	7.8	4.5	4.9	6.9	6.9	7.2	4.3	7.8	5.0	6.0	5.8	5.7
TOTAL ECLIPSE (TCR-1738)	4.3	5.5	3.5	8.5	4.2	4.8	6.8	7.0	7.4	3.7	7.8	5.0	6.0	5.6	5.7
BLACKSTONE (PST-638)	4.4	5.0	3.0	6.3	5.0	4.7	5.8	6.8	7.3	5.1	7.9	6.7	5.7	6.3	5.7
ARCADIA (J-1936)	3.3	4.9	3.6	7.5	4.9	4.4	6.5	6.6	7.4	.	7.8	5.9	6.1	5.2	5.7
NUGLADE	4.6	5.5	3.4	8.1	4.0	5.5	6.4	7.4	7.2	3.9	7.9	4.3	5.3	5.9	5.7
GLADE	4.4	5.5	3.3	7.5	4.8	4.4	5.8	5.7	7.4	5.2	7.8	5.9	6.2	5.2	5.7
NUSTAR	4.5	5.9	3.0	7.0	5.1	4.5	5.9	5.9	7.3	5.8	7.8	5.1	5.4	5.8	5.7
ECLIPSE	4.2	5.7	3.4	7.6	4.8	4.5	5.6	6.1	7.2	5.4	7.9	5.4	5.4	5.6	5.6
MOONLIGHT (PST-A418)	3.9	4.5	2.9	7.4	4.7	3.7	5.1	6.2	7.4	6.1	7.9	6.2	5.9	6.8	5.6
LIVINGSTON	4.3	5.8	4.1	6.9	4.4	4.4	5.6	5.7	7.4	5.7	8.0	5.0	5.2	5.9	5.6
ZPS-2183	3.4	5.2	3.1	6.0	4.6	3.9	6.0	5.9	7.3	6.3	7.7	6.7	6.0	6.3	5.6
CHAMPAGNE (LTP-621)	3.8	5.5	3.7	7.8	4.5	4.9	5.5	5.7	7.2	4.8	7.9	5.5	5.2	6.3	5.6
LKB-95	4.1	5.4	3.8	6.2	5.2	3.8	6.0	5.2	7.3	6.3	7.8	6.0	5.2	5.6	5.6
SR 2109	4.1	6.0	3.5	5.1	4.6	4.1	5.2	5.2	7.1	7.7	7.8	5.8	6.0	5.2	5.5
CHICAGO (J-2582)	3.6	5.1	3.4	6.5	4.7	4.5	6.0	6.8	7.1	.	7.9	5.0	5.6	5.6	5.5
SERENE (PST-A7-245A)	3.7	5.5	3.6	7.0	4.9	4.0	6.0	5.7	7.2	5.2	7.9	5.1	5.8	5.6	5.5
ABSOLUTE (MED-1497)	4.3	5.8	3.3	6.7	4.5	4.7	5.9	6.1	7.4	4.8	7.7	4.5	5.7	5.6	5.5
QUANTUM LEAP (J-1567)	3.5	5.4	3.2	8.0	4.3	4.4	6.0	6.4	7.2	4.3	7.7	5.5	5.7	5.1	5.5
RAMBO (J-2579)	3.6	6.4	3.3	6.8	4.8	3.9	6.4	5.7	7.2	5.2	7.9	5.4	5.2	4.7	5.5
HV 130	3.5	6.0	4.3	5.5	5.0	3.9	6.3	5.1	7.3	4.8	7.8	6.1	5.3	5.2	5.4
JEWEL (BA 81-227)	3.9	5.5	4.1	5.9	4.7	4.3	5.6	5.8	7.3	4.5	7.9	5.5	5.5	5.4	5.4
BA 81-220	3.8	5.3	3.7	6.7	5.0	3.9	5.3	5.5	7.4	4.7	7.8	5.0	5.6	6.1	5.4
WILDWOOD	4.7	6.0	4.1	5.5	4.5	4.3	5.1	5.4	7.2	5.6	7.9	6.1	5.3	4.4	5.4
BA 75-490	3.4	5.3	4.1	7.1	4.7	4.4	5.8	5.4	7.3	4.8	7.8	5.4	4.9	5.4	5.4
ENVICTA (BA 75-173)	4.5	5.4	3.8	7.0	4.6	4.2	5.5	5.5	7.2	4.1	7.8	4.9	5.0	6.1	5.4
EXPLORER (PICK-3561)	3.9	4.6	3.8	7.4	4.6	3.8	5.9	6.0	7.1	.	7.9	5.1	5.8	4.5	5.4
COVENTRY	3.6	5.6	3.6	5.9	4.5	4.2	6.2	5.8	7.3	4.7	7.9	5.5	5.2	5.6	5.4
NJ 1190	2.8	6.4	3.1	4.5	4.6	3.6	7.4	5.4	7.3	6.5	7.8	6.1	4.9	4.9	5.4
BA 77-702	4.0	5.5	2.6	7.1	4.7	4.3	5.7	5.7	7.3	4.0	7.9	5.4	5.1	6.2	5.4

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FOURTEEN LOCATIONS
USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF														
	IL1	IN1	KS1	KY1	MO1	NC1	NE1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	MEAN
BA 81-058	3.9	5.3	3.5	7.8	4.5	4.3	5.0	6.1	7.3	4.1	7.8	4.6	5.6	5.6	5.4
CHATEAU	3.6	5.3	4.0	5.6	4.8	4.2	5.9	6.0	7.2	4.7	7.9	5.7	5.1	5.2	5.4
RAVEN	4.2	5.1	2.6	6.8	4.8	3.9	5.8	5.7	7.3	4.5	7.9	5.5	5.2	5.5	5.3
ABBEY	4.2	5.4	2.7	7.2	5.0	4.3	5.2	5.2	7.3	4.2	7.9	4.8	5.4	6.1	5.3
NJ-GD	3.4	5.7	3.2	6.8	4.5	3.9	5.9	5.7	7.3	5.4	7.8	5.7	4.4	5.0	5.3
SR 2000	4.4	3.1	3.2	7.4	3.9	4.1	5.4	6.5	7.3	5.2	7.8	6.0	5.2	5.2	5.3
SHAMROCK	3.7	6.0	3.0	6.5	4.1	4.0	6.1	5.3	7.2	4.8	8.0	5.4	5.4	5.3	5.3
BA 73-373	3.3	5.7	3.2	7.0	4.9	4.0	5.3	6.0	7.3	4.8	7.9	4.2	5.0	6.1	5.3
CALIBER	3.8	4.6	3.5	6.9	4.4	4.7	5.9	5.5	7.3	4.2	7.9	5.4	5.5	5.0	5.3
BARONIE	3.9	5.0	4.3	7.3	4.5	4.5	5.7	6.1	7.3	3.3	7.9	3.7	5.0	6.0	5.3
MARQUIS	3.7	5.8	3.0	6.7	5.3	3.8	5.0	5.4	7.3	4.5	7.9	4.9	5.6	5.9	5.3
HAGA	3.8	3.8	4.0	7.5	4.2	4.6	5.5	5.6	6.9	5.1	7.9	5.2	5.0	5.5	5.3
MED-1580	3.6	5.5	3.2	7.3	4.5	4.1	5.2	6.1	7.2	.	7.8	4.4	5.6	4.5	5.3
CLASSIC	3.3	5.0	3.8	7.4	4.3	5.0	5.3	5.1	7.2	3.7	7.9	4.6	5.7	5.9	5.3
NJ-54	3.7	5.8	3.1	6.8	4.5	4.1	5.8	5.2	7.3	4.1	7.9	5.3	5.3	5.6	5.3
ALLURE	4.0	4.7	3.1	6.6	4.4	3.9	6.2	5.8	7.4	4.9	7.9	5.0	5.1	5.2	5.3
BAR VB 3115B	4.1	4.8	3.0	6.9	4.6	4.3	6.0	5.2	7.1	5.2	7.9	5.3	4.6	4.9	5.3
CONNI	4.4	6.2	2.7	5.3	4.1	4.3	5.4	5.3	7.2	5.9	7.8	6.0	5.4	3.7	5.3
SR 2100	5.0	4.0	2.6	6.1	4.4	4.4	4.9	6.0	7.1	5.1	7.9	5.3	5.0	6.0	5.3
BARIRIS (BAR VB 5649)	3.3	5.0	3.6	5.8	4.6	4.5	5.8	5.6	7.3	3.5	7.9	5.9	5.4	5.3	5.3
BA 70-060	3.9	5.3	3.0	6.9	5.0	3.6	5.1	5.3	7.2	4.4	7.9	5.0	4.7	5.9	5.2
PST-BO-165	3.0	5.0	4.0	6.7	4.3	4.1	5.9	5.5	7.4	3.5	7.9	5.3	5.4	5.1	5.2
GOLDRUSH (BA 87-102)	4.0	5.0	3.6	6.1	5.0	3.9	5.2	5.5	7.3	4.3	7.9	4.7	4.9	5.5	5.2
LTP-620	4.0	4.4	3.4	6.7	4.3	4.2	5.1	6.0	7.2	4.4	7.9	4.1	5.6	5.5	5.2
BAR VB 233	3.0	5.6	3.3	6.0	4.5	5.1	6.2	5.6	7.1	2.9	7.9	6.1	5.0	4.5	5.2
DRAGON (ZPS-429)	3.7	4.2	2.4	6.8	4.4	3.9	4.5	5.5	7.4	4.9	7.8	6.0	5.6	5.5	5.2
ZPS-309	3.5	4.3	3.2	6.3	4.9	6.0	5.2	6.2	7.3	2.8	7.9	5.1	5.2	4.8	5.2
FORTUNA	3.5	4.7	3.1	7.0	4.9	4.0	5.6	6.0	7.4	4.1	7.9	4.2	5.4	4.7	5.2
CHALLENGER	3.5	4.6	3.5	6.8	4.3	3.9	6.0	5.9	7.4	3.4	8.0	4.6	5.5	5.1	5.2
SEABRING (BA 79-260)	3.6	4.7	3.6	6.7	4.4	4.8	4.2	5.9	7.3	4.9	7.9	4.3	5.6	4.5	5.2
BA 76-197	3.3	6.7	3.3	5.9	4.8	4.1	5.4	5.1	7.3	3.9	7.8	4.7	4.6	5.4	5.2
PST-P46	3.7	5.2	2.9	5.4	4.3	3.7	5.1	5.4	7.3	6.1	7.9	5.2	5.6	4.6	5.2
MISTY (BA 76-372)	3.8	5.8	2.4	6.8	4.5	4.2	4.2	5.6	7.3	5.3	7.9	5.5	5.1	4.0	5.2
PICK-855	3.9	4.8	2.3	6.6	5.0	3.8	5.8	5.4	7.1	5.8	7.8	4.3	5.0	4.7	5.2
BA 81-113	3.2	4.6	3.0	6.5	4.7	4.6	4.7	5.8	7.5	3.9	7.9	5.0	5.4	5.5	5.2
BA 81-270	3.7	5.8	3.7	5.4	4.5	3.8	6.0	5.5	7.3	4.4	7.8	4.5	5.1	4.7	5.2
PLATINI	3.0	4.5	3.4	5.6	4.1	4.9	6.3	5.5	7.2	3.1	7.8	5.7	5.8	4.7	5.1
SIDEKICK	3.9	3.9	3.2	7.1	4.2	4.5	5.0	5.8	7.1	4.0	7.8	4.4	4.7	6.0	5.1
LIMOUSINE	3.3	6.5	2.9	5.9	4.3	3.8	5.8	5.1	7.2	4.8	7.8	5.7	4.8	3.7	5.1
BLUECHIP (MED-1991)	3.5	5.3	2.7	5.3	4.9	4.0	5.6	5.7	7.2	3.9	7.9	4.4	5.6	5.7	5.1
BARON	3.4	5.2	3.0	6.3	5.0	4.2	5.4	5.3	7.4	3.9	7.9	4.8	5.3	4.3	5.1
A88-744	3.5	3.8	3.1	6.8	4.1	4.4	4.5	5.6	7.0	4.6	7.9	5.4	4.8	5.4	5.1
NIMBUS	3.6	5.0	2.8	6.6	5.3	3.3	5.3	5.6	7.2	3.3	7.9	4.5	5.4	4.8	5.0
CARDIFF	3.5	3.5	2.3	5.4	4.3	4.8	5.2	5.4	7.2	6.4	7.8	5.2	5.3	4.2	5.0
ASCOT	3.1	5.0	3.0	6.1	4.3	4.0	5.2	5.7	7.3	4.8	7.8	3.8	5.6	4.5	5.0

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FOURTEEN LOCATIONS
USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL1	IN1	KS1	KY1	MO1	NC1	NE1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	MEAN
J-1555	3.7	2.7	3.4	6.8	4.6	3.3	5.3	6.1	6.7	.	7.9	4.3	5.3	4.5	5.0
H86-690	3.8	4.2	3.1	5.6	4.1	4.2	4.5	5.0	7.3	4.1	7.9	5.3	5.7	4.3	4.9
HV 242	3.0	5.2	3.3	5.1	4.0	4.4	6.1	5.5	7.3	2.2	7.9	5.5	5.2	4.3	4.9
BA 75-163	3.0	3.7	3.3	7.0	4.3	4.4	4.9	5.3	7.2	3.6	7.8	4.7	5.1	4.3	4.9
VB 16015	3.3	3.4	1.9	6.3	3.7	4.6	5.0	6.1	7.4	4.4	7.8	4.0	5.8	4.9	4.9
BARTITIA	2.8	5.9	2.2	3.2	4.6	3.9	6.0	5.7	7.3	4.3	7.9	4.2	5.3	3.7	4.8
SRX 2205	2.8	5.3	2.5	3.9	4.6	3.6	4.4	5.0	7.2	4.2	7.7	5.0	5.3	4.8	4.7
COMPACT	3.5	2.4	3.3	6.3	4.0	3.8	5.3	5.1	7.1	4.6	7.8	4.6	4.0	4.4	4.7
KENBLUE	3.6	2.8	2.7	5.9	4.6	3.9	4.1	5.4	7.2	4.4	7.7	4.7	4.4	4.5	4.7
SODNET	3.3	5.2	2.8	3.3	4.3	4.3	4.6	5.4	7.2	4.0	7.7	3.6	5.5	3.8	4.6
BAR VB 6820	3.1	6.0	2.3	2.6	4.0	4.8	4.7	5.3	7.2	2.9	7.7	4.5	5.3	2.4	4.5
BARUZO	2.6	3.8	1.8	3.4	3.9	4.9	3.7	6.0	7.0	3.3	7.8	3.9	5.1	3.9	4.4
LIPOA	2.9	2.8	3.2	3.5	4.8	3.9	5.0	5.3	7.2	2.2	7.5	4.1	4.6	3.1	4.3
PEPAYA (DP 37-192)	2.8	4.3	2.3	1.7	3.5	3.9	3.3	5.2	7.2	2.9	7.7	1.8	5.0	2.8	3.9
LSD VALUE	1.0	1.1	1.1	1.1	0.7	0.9	0.8	0.8	0.3	1.0	0.2	0.7	0.8	1.2	0.2
C.V. (%)	16.2	13.6	20.0	10.1	10.0	13.1	9.2	8.4	2.8	12.9	1.6	8.2	9.8	13.9	10.2

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

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 MEDIUM/HIGH INPUT AT FOUR LOCATIONS
USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	IL2	MA1	ME1	WA1	MEAN
BRILLIANT (PST-B2-42)	7.2	5.1	8.2	6.9	6.9
TOTAL ECLIPSE (TCR-1738)	6.6	4.0	8.6	7.4	6.6
MIDNIGHT	7.0	4.0	8.2	7.4	6.6
SHOWCASE (PST-BO-141)	7.2	4.7	7.6	7.0	6.6
PRINCETON 105	7.6	4.2	7.7	6.7	6.6
IMPACT (J-1576)	6.2	4.0	8.4	7.4	6.5
LIBERATOR (ZPS-2572)	7.3	3.5	8.2	7.1	6.5
APOLLO (PST-B3-180)	6.9	4.4	8.2	6.3	6.5
AMERICA	7.0	4.4	7.8	6.2	6.4
NUGLADE	6.0	3.9	8.4	7.1	6.3
ODYSSEY (J-1561)	6.0	4.2	8.0	7.0	6.3
NORTH STAR (PST-A7-60)	5.2	4.0	8.7	7.2	6.3
AWARD	6.4	3.8	7.3	7.5	6.2
UNIQUE	6.1	4.6	7.6	6.6	6.2
PICK 8	6.8	3.8	7.6	6.6	6.2
CHICAGO (J-2582)	6.6	3.8	7.7	6.6	6.2
ARCADIA (J-1936)	5.3	4.4	8.0	6.8	6.1
CHAMPAGNE (LTP-621)	6.6	3.7	7.9	6.3	6.1
RUGBY II (MED-18)	5.2	3.8	8.1	7.1	6.1
QUANTUM LEAP (J-1567)	5.9	3.6	8.2	6.4	6.0
CONNI	5.1	5.2	7.7	6.0	6.0
MOONLIGHT (PST-A418)	5.6	3.0	8.0	7.3	6.0
ZPS-309	6.3	3.9	7.5	6.3	6.0
ECLIPSE	6.6	3.6	7.6	6.0	6.0
ABSOLUTE (MED-1497)	4.5	4.0	8.1	7.2	6.0
LIMOUSINE	4.2	5.3	8.7	5.6	6.0
BLACKSTONE (PST-638)	5.2	3.9	8.2	6.5	5.9
RAMBO (J-2579)	4.7	4.9	8.2	5.8	5.9
BLACKSBURG	4.6	3.7	8.2	7.1	5.9
BAR VB 233	5.9	3.5	7.6	6.7	5.9
GLADE	5.2	4.5	7.3	6.6	5.9
PLATINI	5.3	4.2	7.6	6.4	5.9
JEFFERSON	5.6	4.5	7.3	6.0	5.8
BA 81-058	6.2	3.7	7.4	6.0	5.8
BAR VB 6820	4.4	3.2	8.2	7.3	5.8
EXPLORER (PICK-3561)	5.8	3.4	7.5	6.3	5.8
LIVINGSTON	5.4	4.8	7.3	5.5	5.8
BA 75-490	5.9	3.6	7.1	6.4	5.8
PST-P46	4.4	3.7	8.0	6.8	5.7
BARIRIS (BAR VB 5649)	6.1	3.6	7.0	6.2	5.7
WILDWOOD	4.1	3.3	8.4	7.0	5.7
HV 242	5.3	3.8	7.6	6.1	5.7
BARONIE	5.7	3.7	7.4	5.9	5.7
ZPS-2183	4.3	4.5	7.3	6.5	5.7

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FOUR LOCATIONS
USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	MA1	ME1	WA1	MEAN
BAR VB 3115B	6.0	4.1	7.6	4.9	5.7
SODNET	4.1	3.4	8.4	6.7	5.6
SERENE (PST-A7-245A)	5.6	3.3	7.2	6.4	5.6
SEABRING (BA 79-260)	5.3	3.4	6.8	7.0	5.6
SHAMROCK	5.1	3.4	8.0	5.9	5.6
A88-744	5.6	3.3	7.2	6.2	5.6
ALLURE	5.5	3.3	7.3	6.1	5.6
CALIBER	5.0	3.8	7.3	6.1	5.6
MED-1580	5.1	3.5	7.1	6.5	5.6
HV 130	4.3	4.4	7.4	6.0	5.5
SR 2109	4.9	3.4	7.8	6.0	5.5
CARDIFF	4.6	4.0	7.1	6.4	5.5
SR 2100	5.4	3.0	7.4	6.2	5.5
NJ-54	5.4	3.5	7.2	5.8	5.5
CHALLENGER	4.6	3.5	7.2	6.6	5.5
FORTUNA	5.2	3.3	7.0	6.4	5.5
HAGA	6.1	3.1	7.1	5.5	5.5
JEWEL (BA 81-227)	5.4	2.9	7.3	6.1	5.4
J-1555	5.3	3.2	7.1	6.1	5.4
PST-BO-165	5.7	3.2	6.5	6.2	5.4
BA 81-270	5.1	3.3	7.1	6.0	5.4
BLUECHIP (MED-1991)	4.6	3.7	6.7	6.7	5.4
NUSTAR	4.9	3.4	7.1	6.1	5.4
SR 2000	4.5	3.6	7.4	6.0	5.4
NJ-GD	4.7	3.3	7.2	6.3	5.4
RAVEN	4.4	3.5	7.2	6.4	5.4
NJ 1190	1.8	5.5	8.3	5.9	5.4
CLASSIC	4.9	3.5	7.4	5.6	5.4
BA 77-702	5.3	3.2	6.6	6.3	5.4
ASCOT	4.0	3.0	7.8	6.5	5.3
GOLDRUSH (BA 87-102)	4.1	3.2	7.4	6.6	5.3
VB 16015	4.2	3.2	6.6	7.2	5.3
LTP-620	4.6	3.7	6.8	6.2	5.3
COVENTRY	5.1	3.3	6.9	5.9	5.3
BA 75-163	5.0	2.8	6.8	6.5	5.3
PICK-855	4.2	3.0	8.0	5.8	5.2
BA 70-060	4.4	3.0	7.1	6.3	5.2
SIDEKICK	5.4	3.0	6.7	5.6	5.2
CHATEAU	4.6	3.2	6.7	6.1	5.2
H86-690	3.6	3.2	7.6	6.3	5.2
ABBEY	4.8	3.2	6.4	6.2	5.2
DRAGON (ZPS-429)	4.1	3.2	7.1	6.1	5.2
BA 81-220	3.8	3.0	7.0	6.7	5.1
BA 73-373	4.0	3.3	6.8	6.4	5.1
ENVICTA (BA 75-173)	4.0	3.3	6.7	6.4	5.1

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FOUR LOCATIONS
USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	MA1	ME1	WA1	MEAN
MISTY (BA 76-372)	4.0	3.0	7.3	6.1	5.1
BARTITIA	2.2	3.4	8.0	6.7	5.1
BARON	4.1	3.0	6.9	6.3	5.1
BA 81-113	3.9	3.1	6.7	6.5	5.0
LKB-95	3.2	3.5	7.6	5.8	5.0
LIPOA	3.2	3.4	7.4	6.0	5.0
BARUZO	4.3	3.0	7.0	5.7	5.0
MARQUIS	3.1	3.0	7.1	6.6	5.0
PEPAYA (DP 37-192)	4.2	2.9	5.8	6.2	4.8
BA 76-197	2.8	3.3	7.0	6.0	4.8
SRX 2205	3.0	3.1	6.8	6.0	4.7
KENBLUE	4.6	2.8	6.3	4.9	4.6
NIMBUS	3.0	2.9	6.8	5.9	4.6
COMPACT	3.7	2.9	6.5	4.9	4.5
LSD VALUE	1.3	0.9	0.7	0.5	0.5
C.V. (%)	16.6	15.0	6.2	5.4	10.3

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 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS 1/
1999 DATA

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

NAME	MOWING HEIGHTS (INCHES)				MEAN
	0.5-1.0	1.1-1.5	1.6-2.0	2.1+	
MIDNIGHT	5.2	6.9	5.5	7.0	6.4
LIBERATOR (ZPS-2572)	5.3	6.8	5.2	6.9	6.3
BRILLIANT (PST-B2-42)	5.7	6.6	5.9	6.5	6.3
TOTAL ECLIPSE (TCR-1738)	5.3	6.5	5.3	6.9	6.2
PRINCETON 105	5.2	6.6	6.1	6.6	6.2
NUGLADE	5.2	6.5	5.6	6.9	6.2
IMPACT (J-1576)	5.2	6.5	5.6	6.9	6.2
AWARD	5.2	6.5	5.8	6.8	6.2
SHOWCASE (PST-BO-141)	5.6	6.6	5.9	6.2	6.2
NORTH STAR (PST-A7-60)	5.2	6.4	6.5	6.6	6.2
ODYSSEY (J-1561)	5.3	6.4	5.8	6.8	6.2
UNIQUE	5.5	6.4	6.3	6.3	6.1
PICK 8	5.2	6.5	6.2	6.5	6.1
APOLLO (PST-B3-180)	5.4	6.4	6.1	6.5	6.1
RUGBY II (MED-18)	5.2	6.4	5.3	6.8	6.1
AMERICA	5.6	6.3	5.8	6.3	6.1
BLACKSBURG	5.2	6.4	6.4	6.4	6.0
BLACKSTONE (PST-638)	4.9	6.5	6.0	6.3	6.0
MOONLIGHT (PST-A418)	4.5	6.5	6.2	6.5	6.0
ARCADIA (J-1936)	5.0	6.1	6.6	6.6	5.9
JEFFERSON	5.2	6.4	5.6	6.2	5.9
ECLIPSE	4.9	6.2	5.8	6.4	5.9
GLADE	5.2	6.0	5.4	6.5	5.9
ZPS-2183	5.0	6.0	6.1	6.4	5.9
QUANIUM LEAP (J-1567)	4.9	6.2	5.4	6.5	5.8
CHAMPAGNE (LTP-621)	4.9	6.3	5.3	6.3	5.8
NUSTAR	5.0	5.9	5.8	6.3	5.8
WILDWOOD	5.1	5.8	5.5	6.6	5.8
CHICAGO (J-2582)	4.9	5.8	6.8	6.4	5.8
ABSOLUTE (MED-1497)	5.2	5.6	5.4	6.7	5.8
SR 2109	5.1	5.7	6.4	6.3	5.7
LIVINGSTON	5.2	5.9	5.7	6.1	5.7
SERENE (PST-A7-245A)	5.0	5.8	5.5	6.3	5.7
BA 75-490	4.8	5.9	5.1	6.4	5.7
BA 81-058	4.8	5.9	5.1	6.4	5.7
RAMBO (J-2579)	5.3	5.7	5.4	6.2	5.7
PST-P46	4.7	5.6	5.7	6.7	5.6
NJ 1190	5.3	5.2	5.9	6.5	5.6
NJ-GD	4.7	5.8	5.6	6.4	5.6
BAR VB 3115B	4.8	5.8	5.2	6.3	5.6
SR 2000	4.6	5.6	5.9	6.7	5.6
JEWEL (BA 81-227)	4.9	5.8	5.1	6.3	5.6
EXPLORER (PICK-3561)	4.9	5.6	6.0	6.2	5.6
BARONIE	4.9	5.8	4.7	6.2	5.6
LKB-95	5.0	5.4	5.7	6.3	5.6

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MOWING HEIGHTS (INCHES)				MEAN
	0.5-1.0	1.1-1.5	1.6-2.0	2.1+	
CONNI	5.2	5.6	5.6	6.0	5.6
SHAMROCK	4.9	5.7	5.1	6.1	5.5
HAGA	4.6	5.9	5.3	6.1	5.5
CHATEAU	4.9	5.5	5.4	6.3	5.5
HV 130	5.2	5.1	4.9	6.6	5.5
NJ-54	4.8	5.7	4.6	6.3	5.5
BARIRIS (BAR VB 5649)	4.8	6.0	4.5	5.9	5.5
ALLURE	4.8	5.6	5.4	6.1	5.5
COVENTRY	4.9	5.5	5.2	6.2	5.5
CLASSIC	4.8	5.9	4.4	6.1	5.5
SEABRING (BA 79-260)	4.5	5.5	5.4	6.5	5.5
MED-1580	4.7	5.5	6.1	6.2	5.5
CALIBER	4.9	5.8	4.8	5.9	5.5
SR 2100	4.5	5.7	5.5	6.2	5.5
BAR VB 233	4.8	6.0	4.3	5.8	5.5
ZPS-309	4.6	6.0	4.5	5.9	5.5
BA 81-270	4.9	5.5	5.0	6.2	5.5
LIMOUSINE	5.1	5.6	5.0	5.7	5.5
PLATINI	4.9	5.9	4.3	5.6	5.5
RAVEN	4.7	5.4	5.1	6.3	5.5
PST-BO-165	4.8	5.6	4.5	6.2	5.4
CHALLENGER	4.8	5.5	4.6	6.3	5.4
ABBEY	4.7	5.4	4.7	6.4	5.4
BA 77-702	4.7	5.5	4.9	6.2	5.4
A88-744	4.3	5.7	5.1	6.2	5.4
MISTY (BA 76-372)	4.5	5.3	5.4	6.4	5.4
BA 81-220	4.8	5.3	5.1	6.2	5.4
DRAGON (ZPS-429)	4.3	5.6	5.2	6.2	5.4
BA 73-373	4.7	5.2	5.4	6.3	5.4
ENVICTA (BA 75-173)	4.9	5.2	4.8	6.2	5.4
PICK-855	4.5	5.4	5.6	6.2	5.4
ASCOT	4.5	5.2	5.2	6.4	5.4
LTP-620	4.7	5.3	5.2	6.1	5.3
BA 70-060	4.6	5.4	4.9	6.2	5.3
FORTUNA	4.6	5.2	5.1	6.3	5.3
MARQUIS	4.7	5.2	4.9	6.3	5.3
SIDEKICK	4.3	5.4	4.9	6.3	5.3
GOLDRUSH (BA 87-102)	4.7	5.2	4.9	6.1	5.3
CARDIFF	4.3	5.1	5.9	6.2	5.3
VB 16015	4.2	5.2	5.3	6.4	5.3
HV 242	4.8	5.6	3.8	5.7	5.3
BA 76-197	4.8	5.0	4.5	6.2	5.2
BLUECHIP (MED-1991)	4.7	5.1	4.8	6.0	5.2
J-1555	4.3	5.2	6.1	6.0	5.2
BARON	4.6	5.0	4.6	6.2	5.2

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MOWING HEIGHTS (INCHES)				MEAN
	0.5-1.0	1.1-1.5	1.6-2.0	2.1+	
NIMBUS	4.6	4.9	4.4	6.3	5.2
H86-690	4.5	5.0	4.6	6.2	5.2
BA 81-113	4.4	5.1	4.9	6.1	5.2
BA 75-163	4.2	5.3	4.5	6.0	5.1
BARTITIA	4.7	4.8	5.0	6.1	5.1
SODNET	4.5	4.8	4.7	6.3	5.1
SFX 2205	4.3	4.9	4.6	6.2	5.0
BAR VB 6820	4.5	5.1	4.1	5.6	5.0
COMPACT	4.0	4.8	4.9	5.8	4.8
KENBLUE	3.8	4.8	4.9	5.8	4.8
LIPOA	4.1	4.3	3.8	6.1	4.7
BARUZO	3.8	4.6	4.6	5.6	4.6
PEPAYA (DP 37-192)	3.9	4.0	4.1	5.7	4.4
LSD VALUE	0.3	0.3	0.6	0.3	0.2
C.V. (%)	11.8	10.8	10.4	7.9	10.1

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 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
 USING A 0.5-1.0 INCH MOWING HEIGHT 1/
 1999 DATA

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

NAME	AB1	IL1	IN1	KS1	MA1	NE1	UT1	MEAN
BRILLIANT (PST-B2-42)	6.8	4.1	6.6	5.0	5.1	6.5	5.9	5.7
SHOWCASE (PST-BO-141)	6.9	3.8	6.6	5.6	4.7	6.0	5.7	5.6
AMERICA	6.8	3.9	6.6	5.7	4.4	6.1	5.4	5.6
UNIQUE	6.9	3.4	6.7	5.7	4.6	5.9	5.4	5.5
APOLLO (PST-B3-180)	6.5	3.5	6.5	6.1	4.4	5.8	4.9	5.4
NJ 1190	7.1	2.8	6.4	3.1	5.5	7.4	4.9	5.3
RAMBO (J-2579)	7.2	3.6	6.4	3.3	4.9	6.4	5.2	5.3
LIBERATOR (ZPS-2572)	6.9	4.4	5.7	3.8	3.5	6.9	5.8	5.3
TOTAL ECLIPSE (TCR-1738)	6.8	4.3	5.5	3.5	4.0	6.8	6.0	5.3
ODYSSEY (J-1561)	6.4	4.2	5.6	3.9	4.2	6.7	5.7	5.3
RUGBY II (MED-18)	7.0	5.0	5.4	4.0	3.8	6.4	5.2	5.2
HV 130	6.9	3.5	6.0	4.3	4.4	6.3	5.3	5.2
PRINCETON 105	6.6	5.1	5.8	3.3	4.2	5.9	5.9	5.2
NORTH STAR (PST-A7-60)	7.2	5.0	6.4	2.9	4.0	5.2	6.0	5.2
IMPACT (J-1576)	6.4	4.2	5.5	3.5	4.0	6.9	6.0	5.2
LIVINGSTON	6.8	4.3	5.8	4.1	4.8	5.6	5.2	5.2
PICK 8	7.0	4.2	5.3	4.1	3.8	6.1	5.9	5.2
MIDNIGHT	6.7	4.0	5.4	4.5	4.0	5.9	5.8	5.2
GLADE	6.6	4.4	5.5	3.3	4.5	5.8	6.2	5.2
ABSOLUTE (MED-1497)	7.2	4.3	5.8	3.3	4.0	5.9	5.7	5.2
BLACKSBURG	6.7	3.2	5.6	3.6	3.7	7.0	6.4	5.2
AWARD	7.0	3.9	6.0	3.5	3.8	6.6	5.3	5.2
NUGLADE	7.0	4.6	5.5	3.4	3.9	6.4	5.3	5.2
CONNI	6.6	4.4	6.2	2.7	5.2	5.4	5.4	5.2
JEFFERSON	6.4	4.1	5.7	4.8	4.5	5.8	4.8	5.2
LIMOUSINE	7.3	3.3	6.5	2.9	5.3	5.8	4.8	5.1
WILDWOOD	7.1	4.7	6.0	4.1	3.3	5.1	5.3	5.1
SR 2109	7.0	4.1	6.0	3.5	3.4	5.2	6.0	5.1
ARCADIA (J-1936)	6.4	3.3	4.9	3.6	4.4	6.5	6.1	5.0
SERENE (PST-A7-245A)	7.1	3.7	5.5	3.6	3.3	6.0	5.8	5.0
NUSTAR	7.0	4.5	5.9	3.0	3.4	5.9	5.4	5.0
ZPS-2183	6.7	3.4	5.2	3.1	4.5	6.0	6.0	5.0
LKB-95	6.8	4.1	5.4	3.8	3.5	6.0	5.2	5.0
BA 81-270	7.1	3.7	5.8	3.7	3.3	6.0	5.1	4.9
BLACKSTONE (PST-638)	6.8	4.4	5.0	3.0	3.9	5.8	5.7	4.9
JEWEL (BA 81-227)	7.1	3.9	5.5	4.1	2.9	5.6	5.5	4.9
SHAMROCK	6.9	3.7	6.0	3.0	3.4	6.1	5.4	4.9
ECLIPSE	6.6	4.2	5.7	3.4	3.6	5.6	5.4	4.9
ENVICTA (BA 75-173)	6.9	4.5	5.4	3.8	3.3	5.5	5.0	4.9
EXPLORER (PICK-3561)	7.1	3.9	4.6	3.8	3.4	5.9	5.8	4.9
QUANTUM LEAP (J-1567)	6.9	3.5	5.4	3.2	3.6	6.0	5.7	4.9
PLATINI	7.1	3.0	4.5	3.4	4.2	6.3	5.8	4.9
COVENTRY	6.8	3.6	5.6	3.6	3.3	6.2	5.2	4.9
CHICAGO (J-2582)	6.7	3.6	5.1	3.4	3.8	6.0	5.6	4.9

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
USING A 0.5-1.0 INCH MOWING HEIGHT
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF								
NAME	AB1	IL1	IN1	KS1	MA1	NE1	UT1	MEAN
CHATEAU	7.1	3.6	5.3	4.0	3.2	5.9	5.1	4.9
BARONIE	6.6	3.9	5.0	4.3	3.7	5.7	5.0	4.9
CHAMPAGNE (LTP-621)	6.7	3.8	5.5	3.7	3.7	5.5	5.2	4.9
CALIBER	6.9	3.8	4.6	3.5	3.8	5.9	5.5	4.9
BA 75-490	6.8	3.4	5.3	4.1	3.6	5.8	4.9	4.8
NJ-54	6.7	3.7	5.8	3.1	3.5	5.8	5.3	4.8
BA 76-197	7.1	3.3	6.7	3.3	3.3	5.4	4.6	4.8
BA 81-220	6.9	3.8	5.3	3.7	3.0	5.3	5.6	4.8
BARIRIS (BAR VB 5649)	6.9	3.3	5.0	3.6	3.6	5.8	5.4	4.8
PST-BO-165	7.1	3.0	5.0	4.0	3.2	5.9	5.4	4.8
BAR VB 233	7.1	3.0	5.6	3.3	3.5	6.2	5.0	4.8
HV 242	7.0	3.0	5.2	3.3	3.8	6.1	5.2	4.8
BAR VB 3115B	6.9	4.1	4.8	3.0	4.1	6.0	4.6	4.8
BA 81-058	6.7	3.9	5.3	3.5	3.7	5.0	5.6	4.8
ALLURE	6.9	4.0	4.7	3.1	3.3	6.2	5.1	4.8
CLASSIC	6.7	3.3	5.0	3.8	3.5	5.3	5.7	4.8
CHALLENGER	6.8	3.5	4.6	3.5	3.5	6.0	5.5	4.8
BLUECHIP (MED-1991)	6.9	3.5	5.3	2.7	3.7	5.6	5.6	4.7
RAVEN	6.7	4.2	5.1	2.6	3.5	5.8	5.2	4.7
BA 77-702	7.1	4.0	5.5	2.6	3.2	5.7	5.1	4.7
ABBAY	6.9	4.2	5.4	2.7	3.2	5.2	5.4	4.7
PST-P46	6.8	3.7	5.2	2.9	3.7	5.1	5.6	4.7
MED-1580	6.3	3.6	5.5	3.2	3.5	5.2	5.6	4.7
LTP-620	6.7	4.0	4.4	3.4	3.7	5.1	5.6	4.7
MARQUIS	6.9	3.7	5.8	3.0	3.0	5.0	5.6	4.7
NJ-GD	6.9	3.4	5.7	3.2	3.3	5.9	4.4	4.7
GOLDRUSH (BA 87-102)	6.8	4.0	5.0	3.6	3.2	5.2	4.9	4.7
BARTITIA	7.0	2.8	5.9	2.2	3.4	6.0	5.3	4.7
BA 73-373	6.7	3.3	5.7	3.2	3.3	5.3	5.0	4.7
FORTUNA	6.8	3.5	4.7	3.1	3.3	5.6	5.4	4.6
BARON	7.0	3.4	5.2	3.0	3.0	5.4	5.3	4.6
ZPS-309	6.9	3.5	4.3	3.2	3.9	5.2	5.2	4.6
NIMBUS	7.1	3.6	5.0	2.8	2.9	5.3	5.4	4.6
BA 70-060	6.9	3.9	5.3	3.0	3.0	5.1	4.7	4.6
SR 2000	6.9	4.4	3.1	3.2	3.6	5.4	5.2	4.6
HAGA	6.7	3.8	3.8	4.0	3.1	5.5	5.0	4.6
ASCOT	6.8	3.1	5.0	3.0	3.0	5.2	5.6	4.5
MOONLIGHT (PST-A418)	6.4	3.9	4.5	2.9	3.0	5.1	5.9	4.5
BAR VB 6820	7.1	3.1	6.0	2.3	3.2	4.7	5.3	4.5
SODNET	6.7	3.3	5.2	2.8	3.4	4.6	5.5	4.5
SR 2100	6.9	5.0	4.0	2.6	3.0	4.9	5.0	4.5
MISTY (BA 76-372)	7.1	3.8	5.8	2.4	3.0	4.2	5.1	4.5
SEABRING (BA 79-260)	6.3	3.6	4.7	3.6	3.4	4.2	5.6	4.5
PICK-855	6.3	3.9	4.8	2.3	3.0	5.8	5.0	4.5
H86-690	6.7	3.8	4.2	3.1	3.2	4.5	5.7	4.5

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
USING A 0.5-1.0 INCH MOWING HEIGHT
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	IL1	IN1	KS1	MA1	NE1	UT1	MEAN
BA 81-113	6.7	3.2	4.6	3.0	3.1	4.7	5.4	4.4
J-1555	6.8	3.7	2.7	3.4	3.2	5.3	5.3	4.3
CARDIFF	6.6	3.5	3.5	2.3	4.0	5.2	5.3	4.3
SIDEKICK	6.6	3.9	3.9	3.2	3.0	5.0	4.7	4.3
DRAGON (ZPS-429)	6.7	3.7	4.2	2.4	3.2	4.5	5.6	4.3
A88-744	7.0	3.5	3.8	3.1	3.3	4.5	4.8	4.3
SRX 2205	6.3	2.8	5.3	2.5	3.1	4.4	5.3	4.3
VB 16015	6.9	3.3	3.4	1.9	3.2	5.0	5.8	4.2
BA 75-163	6.6	3.0	3.7	3.3	2.8	4.9	5.1	4.2
LIPOA	6.7	2.9	2.8	3.2	3.4	5.0	4.6	4.1
COMPACT	6.4	3.5	2.4	3.3	2.9	5.3	4.0	4.0
PEPAYA (DP 37-192)	6.9	2.8	4.3	2.3	2.9	3.3	5.0	3.9
KENBLUE	6.2	3.6	2.8	2.7	2.8	4.1	4.4	3.8
BARUZO	6.6	2.6	3.8	1.8	3.0	3.7	5.1	3.8
LSD VALUE	0.5	1.0	1.1	1.1	0.9	0.8	0.8	0.3
C.V. (%)	4.5	16.2	13.6	20.0	15.0	9.2	9.8	11.8

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 10.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	IL2	KY1	ME1	NC1	NJ1	NJ2	QE1	RI1	VA1	WA1	MEAN
MIDNIGHT	7.0	8.6	8.2	5.5	6.6	6.6	7.8	5.6	6.2	7.4	6.9
LIBERATOR (ZPS-2572)	7.3	8.0	8.2	6.0	6.4	6.2	7.7	5.0	6.5	7.1	6.8
PRINCETON 105	7.6	6.6	7.7	6.3	7.2	6.1	7.9	5.6	4.4	6.7	6.6
BRILLIANT (PST-B2-42)	7.2	7.8	8.2	5.0	5.3	5.2	7.9	6.3	6.0	6.9	6.6
SHOWCASE (PST-BO-141)	7.2	8.2	7.6	4.8	5.6	5.3	7.9	6.3	5.8	7.0	6.6
TOTAL ECLIPSE (TCR-1738)	6.6	8.5	8.6	4.8	5.5	5.7	7.8	5.0	5.6	7.4	6.5
AWARD	6.4	7.8	7.3	5.6	5.8	5.8	7.8	5.3	6.2	7.5	6.5
NUGLADE	6.0	8.1	8.4	5.5	6.2	6.0	7.9	4.3	5.9	7.1	6.5
BLACKSTONE (PST-638)	5.2	6.3	8.2	4.7	6.9	6.7	7.9	6.7	6.3	6.5	6.5
MOONLIGHT (PST-A418)	5.6	7.4	8.0	3.7	6.3	6.0	7.9	6.2	6.8	7.3	6.5
PICK 8	6.8	7.5	7.6	5.1	6.6	5.6	7.8	5.8	5.5	6.6	6.5
IMPACT (J-1576)	6.2	7.8	8.4	4.9	5.8	5.6	7.8	5.0	5.8	7.4	6.5
ODYSSEY (J-1561)	6.0	8.0	8.0	5.4	6.7	5.1	7.8	5.0	5.5	7.0	6.4
NORTH STAR (PST-A7-60)	5.2	6.5	8.7	4.5	6.8	5.3	7.9	8.0	4.2	7.2	6.4
UNIQUE	6.1	8.2	7.6	5.4	5.2	5.3	7.9	5.9	6.0	6.6	6.4
APOLLO (PST-B3-180)	6.9	7.0	8.2	5.3	5.4	5.0	7.9	6.3	5.6	6.3	6.4
BLACKSBURG	4.6	6.5	8.2	3.9	6.4	6.5	7.8	7.0	5.6	7.1	6.4
RUGBY II (MED-18)	5.2	8.4	8.1	5.6	5.4	5.2	7.7	5.3	5.6	7.1	6.4
JEFFERSON	5.6	7.8	7.3	4.9	6.5	5.8	8.0	6.1	5.6	6.0	6.4
AMERICA	7.0	7.8	7.8	4.8	4.9	5.3	7.8	6.1	5.5	6.2	6.3
CHAMPAGNE (LTP-621)	6.6	7.8	7.9	4.9	4.3	5.5	7.9	5.5	6.3	6.3	6.3
ECLIPSE	6.6	7.6	7.6	4.5	5.6	5.3	7.9	5.4	5.6	6.0	6.2
QUANTUM LEAP (J-1567)	5.9	8.0	8.2	4.4	5.0	5.3	7.7	5.5	5.1	6.4	6.2
ARCADIA (J-1936)	5.3	7.5	8.0	4.4	4.7	5.1	7.8	5.9	5.2	6.8	6.1
ZPS-2183	4.3	6.0	7.3	3.9	5.7	5.9	7.7	6.7	6.3	6.5	6.0
ZPS-309	6.3	6.3	7.5	6.0	5.0	5.1	7.9	5.1	4.8	6.3	6.0
GLADE	5.2	7.5	7.3	4.4	4.9	5.2	7.8	5.9	5.2	6.6	6.0
BAR VB 233	5.9	6.0	7.6	5.1	5.2	5.0	7.9	6.1	4.5	6.7	6.0
BARIRIS (BAR VB 5649)	6.1	5.8	7.0	4.5	5.8	5.2	7.9	5.9	5.3	6.2	6.0
PLATINI	5.3	5.6	7.6	4.9	5.9	5.4	7.8	5.7	4.7	6.4	5.9
BA 81-058	6.2	7.8	7.4	4.3	4.8	4.9	7.8	4.6	5.6	6.0	5.9
NUSTAR	4.9	7.0	7.1	4.5	5.4	5.3	7.8	5.1	5.8	6.1	5.9
BA 75-490	5.9	7.1	7.1	4.4	4.8	4.9	7.8	5.4	5.4	6.4	5.9
HAGA	6.1	7.5	7.1	4.6	4.7	4.9	7.9	5.2	5.5	5.5	5.9
CLASSIC	4.9	7.4	7.4	5.0	4.8	5.0	7.9	4.6	5.9	5.6	5.9
LIVINGSTON	5.4	6.9	7.3	4.4	4.5	5.6	8.0	5.0	5.9	5.5	5.9
CHICAGO (J-2582)	6.6	6.5	7.7	4.5	3.2	4.9	7.9	5.0	5.6	6.6	5.8
BAR VB 3115B	6.0	6.9	7.6	4.3	5.8	4.7	7.9	5.3	4.9	4.9	5.8
SERENE (PST-A7-245A)	5.6	7.0	7.2	4.0	4.6	4.9	7.9	5.1	5.6	6.4	5.8
BARONIE	5.7	7.3	7.4	4.5	4.8	4.8	7.9	3.7	6.0	5.9	5.8
CALIBER	5.0	6.9	7.3	4.7	4.3	5.0	7.9	5.4	5.0	6.1	5.8
NJ-GD	4.7	6.8	7.2	3.9	4.2	6.1	7.8	5.7	5.0	6.3	5.8
WILDWOOD	4.1	5.5	8.4	4.3	4.3	5.6	7.9	6.1	4.4	7.0	5.8
JEWEL (BA 81-227)	5.4	5.9	7.3	4.3	4.6	5.0	7.9	5.5	5.4	6.1	5.8

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF										
	IL2	KY1	ME1	NC1	NJ1	NJ2	QE1	RI1	VA1	WA1	MEAN
A88-744	5.6	6.8	7.2	4.4	4.7	3.8	7.9	5.4	5.4	6.2	5.7
RAMBO (J-2579)	4.7	6.8	8.2	3.9	3.9	5.3	7.9	5.4	4.7	5.8	5.7
SHAMROCK	5.1	6.5	8.0	4.0	3.6	5.0	8.0	5.4	5.3	5.9	5.7
SR 2100	5.4	6.1	7.4	4.4	4.4	3.4	7.9	5.3	6.0	6.2	5.7
SR 2109	4.9	5.1	7.8	4.1	3.4	6.5	7.8	5.8	5.2	6.0	5.7
NJ-54	5.4	6.8	7.2	4.1	3.6	5.0	7.9	5.3	5.6	5.8	5.7
EXPLORER (PICK-3561)	5.8	7.4	7.5	3.8	3.6	4.6	7.9	5.1	4.5	6.3	5.6
ALLURE	5.5	6.6	7.3	3.9	4.3	4.7	7.9	5.0	5.2	6.1	5.6
LIMOUSINE	4.2	5.9	8.7	3.8	6.2	4.7	7.8	5.7	3.7	5.6	5.6
DRAGON (ZPS-429)	4.1	6.8	7.1	3.9	3.6	5.1	7.8	6.0	5.5	6.1	5.6
SR 2000	4.5	7.4	7.4	4.1	3.5	4.1	7.8	6.0	5.2	6.0	5.6
ABSOLUTE (MED-1497)	4.5	6.7	8.1	4.7	3.1	3.7	7.7	4.5	5.6	7.2	5.6
CONNI	5.1	5.3	7.7	4.3	4.4	5.5	7.8	6.0	3.7	6.0	5.6
HV 242	5.3	5.1	7.6	4.4	4.6	4.9	7.9	5.5	4.3	6.1	5.6
PST-P46	4.4	5.4	8.0	3.7	4.1	5.6	7.9	5.2	4.6	6.8	5.6
PST-BO-165	5.7	6.7	6.5	4.1	2.9	5.1	7.9	5.3	5.1	6.2	5.6
COVENTRY	5.1	5.9	6.9	4.2	3.8	4.8	7.9	5.5	5.6	5.9	5.5
SEABRING (BA 79-260)	5.3	6.7	6.8	4.8	2.8	5.0	7.9	4.3	4.5	7.0	5.5
MED-1580	5.1	7.3	7.1	4.1	3.3	4.9	7.8	4.4	4.5	6.5	5.5
CHATEAU	4.6	5.6	6.7	4.2	3.4	5.4	7.9	5.7	5.2	6.1	5.5
BA 77-702	5.3	7.1	6.6	4.3	2.9	2.7	7.9	5.4	6.2	6.3	5.5
CHALLENGER	4.6	6.8	7.2	3.9	2.9	4.9	8.0	4.6	5.1	6.6	5.5
BA 81-270	5.1	5.4	7.1	3.8	4.7	5.4	7.8	4.5	4.7	6.0	5.5
SIDEKICK	5.4	7.1	6.7	4.5	2.7	4.1	7.8	4.4	6.0	5.6	5.4
LKB-95	3.2	6.2	7.6	3.8	3.1	5.3	7.8	6.0	5.6	5.8	5.4
ABBAY	4.8	7.2	6.4	4.3	2.9	3.6	7.9	4.8	6.1	6.2	5.4
RAVEN	4.4	6.8	7.2	3.9	3.2	3.3	7.9	5.5	5.5	6.4	5.4
BA 70-060	4.4	6.9	7.1	3.6	3.6	2.8	7.9	5.0	5.9	6.3	5.4
PICK-855	4.2	6.6	8.0	3.8	3.2	5.3	7.8	4.3	4.7	5.8	5.4
MISTY (BA 76-372)	4.0	6.8	7.3	4.2	2.1	5.6	7.9	5.5	4.0	6.1	5.3
LTP-620	4.6	6.7	6.8	4.2	2.6	4.6	7.9	4.1	5.5	6.2	5.3
BA 75-163	5.0	7.0	6.8	4.4	2.1	4.4	7.8	4.7	4.3	6.5	5.3
BA 81-220	3.8	6.7	7.0	3.9	2.7	3.1	7.8	5.0	6.1	6.7	5.3
GOLDRUSH (BA 87-102)	4.1	6.1	7.4	3.9	2.9	3.3	7.9	4.7	5.5	6.6	5.2
ENVICTA (BA 75-173)	4.0	7.0	6.7	4.2	2.2	3.1	7.8	4.9	6.1	6.4	5.2
VB 16015	4.2	6.3	6.6	4.6	2.4	4.4	7.8	4.0	4.9	7.2	5.2
BA 73-373	4.0	7.0	6.8	4.0	2.7	3.3	7.9	4.2	6.1	6.4	5.2
ASCOT	4.0	6.1	7.8	4.0	2.6	5.2	7.8	3.8	4.5	6.5	5.2
J-1555	5.3	6.8	7.1	3.3	2.4	4.2	7.9	4.3	4.5	6.1	5.2
FORTUNA	5.2	7.0	7.0	4.0	3.1	2.5	7.9	4.2	4.7	6.4	5.2
MARQUIS	3.1	6.7	7.1	3.8	2.8	3.2	7.9	4.9	5.9	6.6	5.2
NJ 1190	1.8	4.5	8.3	3.6	3.1	5.9	7.8	6.1	4.9	5.9	5.2
HV 130	4.3	5.5	7.4	3.9	2.5	2.5	7.8	6.1	5.2	6.0	5.1
CARDIFF	4.6	5.4	7.1	4.8	1.3	4.6	7.8	5.2	4.2	6.4	5.1
BAR VB 6820	4.4	2.6	8.2	4.8	3.2	5.9	7.7	4.5	2.4	7.3	5.1

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	KY1	ME1	NC1	NJ1	NJ2	QE1	RI1	VA1	WA1	MEAN
BA 81-113	3.9	6.5	6.7	4.6	1.4	2.9	7.9	5.0	5.5	6.5	5.1
BLUECHIP (MED-1991)	4.6	5.3	6.7	4.0	2.3	3.2	7.9	4.4	5.7	6.7	5.1
H86-690	3.6	5.6	7.6	4.2	1.4	3.9	7.9	5.3	4.3	6.3	5.0
BA 76-197	2.8	5.9	7.0	4.1	1.9	4.6	7.8	4.7	5.4	6.0	5.0
BARON	4.1	6.3	6.9	4.2	2.6	2.6	7.9	4.8	4.3	6.3	5.0
NIMBUS	3.0	6.6	6.8	3.3	2.8	3.8	7.9	4.5	4.8	5.9	4.9
SRX 2205	3.0	3.9	6.8	3.6	2.9	5.4	7.7	5.0	4.8	6.0	4.9
KENBLUE	4.6	5.9	6.3	3.9	2.5	3.3	7.7	4.7	4.5	4.9	4.8
SODNET	4.1	3.3	8.4	4.3	1.4	4.6	7.7	3.6	3.8	6.7	4.8
COMPACT	3.7	6.3	6.5	3.8	2.2	3.5	7.8	4.6	4.4	4.9	4.8
BARTITIA	2.2	3.2	8.0	3.9	2.4	5.4	7.9	4.2	3.7	6.7	4.8
BARUZO	4.3	3.4	7.0	4.9	1.2	3.8	7.8	3.9	3.9	5.7	4.6
LIPOA	3.2	3.5	7.4	3.9	1.2	3.2	7.5	4.1	3.1	6.0	4.3
PEPAYA (DP 37-192)	4.2	1.7	5.8	3.9	1.1	4.4	7.7	1.8	2.8	6.2	4.0
LSD VALUE	1.3	1.1	0.7	0.9	1.6	0.8	0.2	0.7	1.2	0.5	0.3
C.V. (%)	16.6	10.1	6.2	13.1	25.0	10.1	1.6	8.2	13.9	5.4	10.8

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 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT TWO LOCATIONS
 USING A 1.6-2.0 INCH MOWING HEIGHT 1/
 1999 DATA

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

NAME	OK1	PA1	MEAN
CHICAGO (J-2582)	6.8	.	6.8
ARCADIA (J-1936)	6.6	.	6.6
NORTH STAR (PST-A7-60)	5.9	7.2	6.5
SR 2109	5.2	7.7	6.4
BLACKSBURG	6.1	6.7	6.4
UNIQUE	6.1	6.6	6.3
PICK 8	6.7	5.7	6.2
MOONLIGHT (PST-A418)	6.2	6.1	6.2
J-1555	6.1	.	6.1
APOLLO (PST-B3-180)	6.1	6.2	6.1
MED-1580	6.1	.	6.1
PRINCETON 105	5.6	6.7	6.1
ZPS-2183	5.9	6.3	6.1
EXPLORER (PICK-3561)	6.0	.	6.0
BLACKSTONE (PST-638)	6.8	5.1	6.0
CARDIFF	5.4	6.4	5.9
BRILLIANT (PST-B2-42)	5.7	6.2	5.9
NJ 1190	5.4	6.5	5.9
SHOWCASE (PST-BO-141)	5.6	6.2	5.9
SR 2000	6.5	5.2	5.9
NUSTAR	5.9	5.8	5.8
AMERICA	5.8	5.8	5.8
ECLIPSE	6.1	5.4	5.8
AWARD	6.8	4.8	5.8
ODYSSEY (J-1561)	6.6	5.0	5.8
PST-P46	5.4	6.1	5.7
LKB-95	5.2	6.3	5.7
LIVINGSTON	5.7	5.7	5.7
JEFFERSON	5.7	5.6	5.6
NUGLADE	7.4	3.9	5.6
PICK-855	5.4	5.8	5.6
CONNI	5.3	5.9	5.6
IMPACT (J-1576)	6.9	4.3	5.6
NJ-GD	5.7	5.4	5.6
SR 2100	6.0	5.1	5.5
MIDNIGHT	7.3	3.7	5.5
SERENE (PST-A7-245A)	5.7	5.2	5.5
WILDWOOD	5.4	5.6	5.5
GLADE	5.7	5.2	5.4
MISTY (BA 76-372)	5.6	5.3	5.4
RAMBO (J-2579)	5.7	5.2	5.4
SEABRING (BA 79-260)	5.9	4.9	5.4
ABSOLUTE (MED-1497)	6.1	4.8	5.4
BA 73-373	6.0	4.8	5.4

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT TWO LOCATIONS
 USING A 1.6-2.0 INCH MOWING HEIGHT
 1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	OK1	PA1	MEAN
QUANTUM LEAP (J-1567)	6.4	4.3	5.4
ALLURE	5.8	4.9	5.4
CHATEAU	6.0	4.7	5.4
TOTAL ECLIPSE (TCR-1738)	7.0	3.7	5.3
RUGBY II (MED-18)	6.4	4.2	5.3
HAGA	5.6	5.1	5.3
CHAMPAGNE (LTP-621)	5.7	4.8	5.3
VB 16015	6.1	4.4	5.3
ASCOT	5.7	4.8	5.2
COVENTRY	5.8	4.7	5.2
LIBERATOR (ZPS-2572)	6.5	3.9	5.2
DRAGON (ZPS-429)	5.5	4.9	5.2
LTP-620	6.0	4.4	5.2
BAR VB 3115B	5.2	5.2	5.2
JEWEL (BA 81-227)	5.8	4.5	5.1
RAVEN	5.7	4.5	5.1
BA 75-490	5.4	4.8	5.1
A88-744	5.6	4.6	5.1
BA 81-220	5.5	4.7	5.1
SHAMROCK	5.3	4.8	5.1
BA 81-058	6.1	4.1	5.1
FORTUNA	6.0	4.1	5.1
BARTITIA	5.7	4.3	5.0
LIMOUSINE	5.1	4.8	5.0
BA 81-270	5.5	4.4	5.0
HV 130	5.1	4.8	4.9
MARQUIS	5.4	4.5	4.9
SIDEKICK	5.8	4.0	4.9
GOLDRUSH (BA 87-102)	5.5	4.3	4.9
KENBLUE	5.4	4.4	4.9
BA 81-113	5.8	3.9	4.9
COMPACT	5.1	4.6	4.9
BA 70-060	5.3	4.4	4.9
BA 77-702	5.7	4.0	4.9
CALIBER	5.5	4.2	4.8
BLUECHIP (MED-1991)	5.7	3.9	4.8
ENVICTA (BA 75-173)	5.5	4.1	4.8
ABBEY	5.2	4.2	4.7
BARONIE	6.1	3.3	4.7
SODNET	5.4	4.0	4.7
BARUZO	6.0	3.3	4.6
CHALLENGER	5.9	3.4	4.6
NJ-54	5.2	4.1	4.6
BARON	5.3	3.9	4.6
SRX 2205	5.0	4.2	4.6

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT TWO LOCATIONS
 USING A 1.6-2.0 INCH MOWING HEIGHT
 1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	OK1	PA1	MEAN
H86-690	5.0	4.1	4.6
BA 76-197	5.1	3.9	4.5
BARIRIS (BAR VB 5649)	5.6	3.5	4.5
ZPS-309	6.2	2.8	4.5
PST-BO-165	5.5	3.5	4.5
BA 75-163	5.3	3.6	4.5
NIMBUS	5.6	3.3	4.4
CLASSIC	5.1	3.7	4.4
PLATINI	5.5	3.1	4.3
BAR VB 233	5.6	2.9	4.3
BAR VB 6820	5.3	2.9	4.1
PEPAYA (DP 37-192)	5.2	2.9	4.1
HV 242	5.5	2.2	3.8
LIPOA	5.3	2.2	3.8
LSD VALUE	0.8	1.0	0.6
C.V. (%)	8.4	12.9	10.4

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 MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
 USING A 2.1+ INCH MOWING HEIGHT 1/
 1999 DATA

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

NAME	IA1	MI1	MN1	MO1	MO3	OHL	ON1	MEAN
MIDNIGHT	8.1	6.3	7.0	4.6	7.0	8.6	7.4	7.0
NUGLADE	8.1	6.7	6.7	4.0	7.0	8.7	7.2	6.9
TOTAL ECLIPSE (TCR-1738)	8.3	5.8	6.5	4.2	7.7	8.4	7.4	6.9
LIBERATOR (ZPS-2572)	8.4	6.5	6.8	4.0	6.7	8.6	7.3	6.9
IMPACT (J-1576)	7.8	6.6	6.3	4.5	7.0	8.6	7.2	6.9
AWARD	8.1	6.4	6.6	4.2	6.4	8.7	7.1	6.8
ODYSSEY (J-1561)	7.9	6.4	6.0	4.6	6.7	8.4	7.3	6.8
RUGBY II (MED-18)	7.6	6.4	6.1	4.4	6.7	8.6	7.5	6.8
ABSOLUTE (MED-1497)	7.8	6.3	6.2	4.5	6.3	8.5	7.4	6.7
PST-P46	7.9	6.2	6.7	4.3	5.8	8.5	7.3	6.7
SR 2000	7.7	6.2	6.3	3.9	6.5	8.6	7.3	6.7
ARCADIA (J-1936)	7.9	5.9	6.1	4.9	5.5	8.6	7.4	6.6
WILDWOOD	7.7	6.8	6.7	4.5	5.4	7.9	7.2	6.6
PRINCETON 105	7.4	5.8	6.8	4.5	5.8	8.6	7.3	6.6
NORTH STAR (PST-A7-60)	7.4	6.7	6.6	4.6	5.1	8.2	7.4	6.6
HV 130	7.8	6.6	6.0	5.0	5.2	8.1	7.3	6.6
SEABRING (BA 79-260)	7.3	6.1	6.4	4.4	5.8	8.6	7.3	6.5
PICK 8	7.5	6.2	5.9	4.7	5.9	8.2	7.3	6.5
NJ 1190	7.7	6.9	6.2	4.6	4.6	8.3	7.3	6.5
GLADE	7.5	6.4	5.7	4.8	5.6	8.2	7.4	6.5
MOONLIGHT (PST-A418)	8.1	5.4	5.2	4.7	6.0	8.7	7.4	6.5
QUANTUM LEAP (J-1567)	7.7	5.9	5.8	4.3	6.0	8.6	7.2	6.5
BRILLIANT (PST-B2-42)	7.3	5.8	6.0	5.1	5.8	8.2	7.2	6.5
APOLLO (PST-B3-180)	6.7	5.9	6.7	4.6	5.8	8.3	7.2	6.5
BA 81-058	7.2	6.5	5.5	4.5	5.8	8.2	7.3	6.4
MISTY (BA 76-372)	7.3	6.4	6.2	4.5	5.1	7.9	7.3	6.4
ZPS-2183	7.7	5.6	6.2	4.6	5.0	8.4	7.3	6.4
BA 75-490	6.9	6.4	6.0	4.7	5.6	8.0	7.3	6.4
ASCOT	7.5	6.4	5.5	4.3	5.8	7.9	7.3	6.4
NJ-GD	7.1	6.2	6.4	4.5	5.4	7.9	7.3	6.4
CHICAGO (J-2582)	7.1	6.2	5.9	4.7	5.7	8.0	7.1	6.4
ABBAY	7.3	6.3	5.3	5.0	5.3	8.1	7.3	6.4
BLACKSBURG	6.9	5.7	6.0	4.7	5.8	8.4	7.2	6.4
ECLIPSE	6.9	6.1	5.8	4.8	5.6	8.2	7.2	6.4
VB 16015	7.5	6.7	5.5	3.7	5.8	8.1	7.4	6.4
UNIQUE	6.8	5.6	5.6	5.1	6.0	7.9	7.4	6.3
CHAMPAGNE (LTP-621)	7.3	6.7	5.8	4.5	5.0	7.8	7.2	6.3
FORTUNA	7.5	5.9	5.2	4.9	5.6	7.9	7.4	6.3
CHATEAU	7.3	5.9	5.5	4.8	6.0	7.8	7.2	6.3
RAVEN	7.1	6.0	5.2	4.8	5.6	8.3	7.3	6.3
SR 2109	7.1	6.2	5.9	4.6	5.3	8.1	7.1	6.3
LKB-95	7.0	6.3	6.0	5.2	4.9	7.5	7.3	6.3
SERENE (PST-A7-245A)	7.5	5.6	5.1	4.9	5.9	8.1	7.2	6.3
NUSTAR	7.3	6.3	5.0	5.1	5.6	7.6	7.3	6.3

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
USING A 2.1+ INCH MOWING HEIGHT
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF								
NAME	IA1	MI1	MN1	MO1	MO3	OHL	ON1	MEAN
BLACKSTONE (PST-638)	6.4	5.3	6.4	5.0	5.4	8.4	7.3	6.3
CHALLENGER	7.3	5.5	6.0	4.3	5.3	8.2	7.4	6.3
BAR VB 3115B	6.6	7.3	6.1	4.6	4.8	7.7	7.1	6.3
NJ-54	6.9	6.3	5.3	4.5	5.6	8.1	7.3	6.3
SODNET	7.4	5.6	5.8	4.3	5.8	8.1	7.2	6.3
BA 73-373	7.5	5.6	5.0	4.9	5.7	8.1	7.3	6.3
NIMBUS	6.8	6.2	5.9	5.3	4.8	7.9	7.2	6.3
JEWEL (BA 81-227)	7.2	5.8	5.1	4.7	5.4	8.3	7.3	6.3
AMERICA	7.1	6.0	5.7	4.2	5.8	8.0	7.2	6.3
MARQUIS	6.7	5.8	5.2	5.3	5.4	8.1	7.3	6.3
SIDEKICK	7.1	5.5	6.0	4.2	5.9	8.1	7.1	6.3
JEFFERSON	6.9	6.2	5.7	4.4	5.5	7.8	7.2	6.2
BA 70-060	7.3	5.9	5.2	5.0	5.0	8.1	7.2	6.2
BA 77-702	7.3	5.4	5.4	4.7	5.8	7.9	7.3	6.2
BA 81-220	7.0	5.6	5.4	5.0	5.3	8.0	7.4	6.2
BARONIE	6.6	6.0	6.1	4.5	5.3	7.7	7.3	6.2
BARON	6.8	5.1	5.3	5.0	5.8	8.1	7.4	6.2
SHOWCASE (PST-BO-141)	7.3	5.4	5.3	4.4	5.6	8.1	7.4	6.2
SR 2100	7.3	5.3	5.3	4.4	5.9	8.2	7.1	6.2
H86-690	7.5	6.8	5.0	4.1	4.8	8.1	7.3	6.2
CARDIFF	7.3	6.3	4.7	4.3	5.5	8.0	7.2	6.2
MED-1580	6.9	5.8	5.5	4.5	5.6	8.0	7.2	6.2
EXPLORER (PICK-3561)	7.3	6.0	4.8	4.6	5.6	8.1	7.1	6.2
PST-BO-165	7.1	5.4	5.1	4.3	6.1	7.9	7.4	6.2
PICK-855	7.4	5.7	5.6	5.0	4.7	7.9	7.1	6.2
DRAGON (ZPS-429)	7.3	5.5	5.1	4.4	5.4	8.1	7.4	6.2
A88-744	7.3	6.0	5.0	4.1	5.6	8.2	7.0	6.2
COVENTRY	7.0	4.9	5.5	4.5	5.7	8.2	7.3	6.2
BA 81-270	6.6	5.3	6.0	4.5	5.5	8.0	7.3	6.2
ENVICTA (BA 75-173)	7.1	5.9	4.5	4.6	5.8	8.1	7.2	6.2
BA 76-197	6.8	6.0	5.9	4.8	4.5	7.8	7.3	6.2
SRX 2205	7.2	6.6	5.5	4.6	4.3	7.7	7.2	6.2
RAMBO (J-2579)	6.9	5.6	5.2	4.8	5.3	8.0	7.2	6.2
ALLURE	6.4	5.5	5.0	4.4	6.3	8.0	7.4	6.1
SHAMROCK	7.4	5.8	5.4	4.1	4.9	8.1	7.2	6.1
BA 81-113	7.0	5.8	4.5	4.7	5.5	7.8	7.5	6.1
LIPOA	7.5	5.6	5.3	4.8	4.7	7.7	7.2	6.1
HAGA	6.9	5.9	6.1	4.2	5.3	7.4	6.9	6.1
CLASSIC	6.7	5.8	5.6	4.3	5.3	7.7	7.2	6.1
LTP-620	7.2	6.0	5.3	4.3	5.1	7.5	7.2	6.1
GOLDRUSH (BA 87-102)	7.4	4.9	4.1	5.0	5.8	7.8	7.3	6.1
BARTITIA	6.8	5.0	5.8	4.6	5.3	7.8	7.3	6.1
LIVINGSTON	6.7	5.6	6.0	4.4	4.8	7.6	7.4	6.1
BLUECHIP (MED-1991)	6.8	5.8	4.8	4.9	5.2	7.7	7.2	6.0
J-1555	7.1	5.0	5.3	4.6	5.4	7.9	6.7	6.0

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
USING A 2.1+ INCH MOWING HEIGHT
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	MI1	MN1	MO1	MO3	OHL	ON1	MEAN
BA 75-163	7.5	5.9	3.6	4.3	5.3	8.2	7.2	6.0
CONNI	6.8	5.3	5.3	4.1	5.1	7.8	7.2	6.0
CALIBER	5.9	6.0	5.0	4.4	5.3	7.5	7.3	5.9
BARIRIS (BAR VB 5649)	5.7	5.3	5.4	4.6	5.2	7.8	7.3	5.9
ZPS-309	5.5	5.4	4.7	4.9	5.4	7.8	7.3	5.9
KENBLUE	6.3	5.9	5.0	4.6	5.1	6.6	7.2	5.8
COMPACT	6.9	6.0	4.2	4.0	5.1	7.2	7.1	5.8
BAR VB 233	5.2	5.1	4.8	4.5	5.8	7.9	7.1	5.8
PEPAYA (DP 37-192)	6.7	6.3	3.9	3.5	4.7	7.8	7.2	5.7
LIMOUSINE	5.2	4.3	5.4	4.3	5.5	8.0	7.2	5.7
HV 242	5.6	5.0	4.9	4.0	5.3	7.8	7.3	5.7
PLATINI	4.6	5.1	5.0	4.1	5.3	8.1	7.2	5.6
BARUZO	6.7	5.9	2.9	3.9	5.0	7.9	7.0	5.6
BAR VB 6820	4.9	6.0	4.7	4.0	4.8	7.8	7.2	5.6
LSD VALUE	1.0	1.0	1.1	0.7	0.7	0.3	0.3	0.3
C.V. (%)	9.1	10.3	11.8	10.0	8.2	2.6	2.8	7.9

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 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH 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
MIDNIGHT	6.3	6.4	6.6	6.4
LIBERATOR (ZPS-2572)	6.1	6.4	6.6	6.3
BRILLIANT (PST-B2-42)	6.0	6.4	6.5	6.3
TOTAL ECLIPSE (TCR-1738)	6.0	6.2	6.7	6.2
PRINCETON 105	5.5	6.5	6.4	6.2
NUGLADE	5.9	6.3	6.5	6.2
IMPACT (J-1576)	5.8	6.3	6.6	6.2
AWARD	5.8	6.3	6.6	6.2
SHOWCASE (PST-BO-141)	5.9	6.2	6.5	6.2
NORTH STAR (PST-A7-60)	4.9	6.7	6.8	6.2
ODYSSEY (J-1561)	5.8	6.3	6.4	6.2
UNIQUE	6.1	6.2	6.3	6.1
PICK 8	5.8	6.2	6.5	6.1
APOLLO (PST-B3-180)	5.9	6.3	5.9	6.1
RUGBY II (MED-18)	5.8	6.2	6.5	6.1
AMERICA	5.8	6.2	6.1	6.1
BLACKSBURG	5.1	6.4	6.7	6.0
BLACKSTONE (PST-638)	5.3	6.3	6.3	6.0
MOONLIGHT (PST-A418)	5.4	6.1	6.6	6.0
ARCADIA (J-1936)	5.4	6.2	6.4	5.9
JEFFERSON	5.5	6.2	5.7	5.9
ECLIPSE	5.5	6.0	6.0	5.9
GLADE	5.2	6.1	6.5	5.9
ZPS-2183	4.9	6.3	6.4	5.9
QUANTUM LEAP (J-1567)	5.4	6.0	6.3	5.8
CHAMPAGNE (LTP-621)	5.6	5.9	6.1	5.8
NUSTAR	5.2	6.0	6.2	5.8
WILDWOOD	4.7	6.2	6.4	5.8
CHICAGO (J-2582)	5.5	5.8	6.3	5.8
ABSOLUTE (MED-1497)	5.2	5.9	6.7	5.8
SR 2109	4.7	6.1	6.3	5.7
LIVINGSTON	5.2	6.0	5.8	5.7
SERENE (PST-A7-245A)	5.3	5.8	6.5	5.7
BA 75-490	5.3	5.8	6.0	5.7
BA 81-058	5.5	5.7	6.1	5.7
RAMBO (J-2579)	4.9	6.0	6.1	5.7
PST-P46	4.5	6.1	6.4	5.6
NJ 1190	4.1	6.4	5.9	5.6
NJ-GD	4.9	6.0	5.9	5.6
BAR VB 3115B	5.0	6.0	5.5	5.6
SR 2000	5.2	5.8	6.1	5.6
JEWEL (BA 81-227)	5.1	5.8	6.2	5.6
EXPLORER (PICK-3561)	5.2	5.7	6.4	5.6
BARONIE	5.5	5.6	5.8	5.6
LKB-95	4.7	6.0	6.0	5.6

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
CONNI	4.5	6.1	6.0	5.6
SHAMROCK	4.8	5.9	6.1	5.5
HAGA	5.3	5.6	5.7	5.5
CHATEAU	5.0	5.7	6.1	5.5
HV 130	4.8	5.8	6.1	5.5
NJ-54	5.0	5.7	5.9	5.5
BARIRIS (BAR VB 5649)	5.1	5.6	6.2	5.5
ALLURE	5.1	5.6	6.1	5.5
COVENTRY	5.0	5.7	6.0	5.5
CLASSIC	5.2	5.6	6.0	5.5
SEABRING (BA 79-260)	5.1	5.6	6.3	5.5
MED-1580	5.0	5.6	6.1	5.5
CALIBER	5.0	5.6	6.2	5.5
SR 2100	5.1	5.6	6.1	5.5
BAR VB 233	5.1	5.5	6.2	5.5
ZPS-309	5.4	5.4	6.1	5.5
BA 81-270	4.8	5.7	6.1	5.5
LIMOUSINE	4.4	5.9	5.9	5.5
PLATINI	4.9	5.6	6.5	5.5
RAVEN	4.9	5.6	6.1	5.5
PST-BO-165	5.2	5.4	6.2	5.4
CHALLENGER	4.9	5.5	6.3	5.4
ABBAY	5.1	5.5	6.2	5.4
BA 77-702	5.2	5.4	6.2	5.4
A88-744	5.1	5.5	6.0	5.4
MISTY (BA 76-372)	4.6	5.7	6.1	5.4
BA 81-220	5.0	5.4	6.4	5.4
DRAGON (ZPS-429)	4.7	5.6	6.1	5.4
BA 73-373	5.1	5.4	6.1	5.4
ENVICTA (BA 75-173)	5.1	5.3	6.1	5.4
PICK-855	4.6	5.7	5.7	5.4
ASCOT	4.7	5.5	6.3	5.4
LTP-620	5.0	5.4	6.2	5.3
BA 70-060	4.9	5.5	6.0	5.3
FORTUNA	5.1	5.3	6.2	5.3
MARQUIS	4.8	5.4	6.4	5.3
SIDEKICK	5.3	5.3	5.6	5.3
GOLDRUSH (BA 87-102)	4.9	5.3	6.1	5.3
CARDIFF	4.6	5.5	6.1	5.3
VB 16015	4.7	5.3	6.6	5.3
HV 242	4.7	5.4	6.1	5.3
BA 76-197	4.5	5.5	5.9	5.2
BLUECHIP (MED-1991)	4.8	5.2	6.4	5.2
J-1555	4.9	5.2	6.1	5.2
BARON	4.7	5.2	6.2	5.2

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
NIMBUS	4.5	5.3	6.1	5.2
H86-690	4.3	5.4	6.2	5.2
BA 81-113	4.9	5.1	6.2	5.2
BA 75-163	4.9	5.1	6.1	5.1
BARTITIA	3.9	5.5	6.3	5.1
SODNET	4.2	5.3	6.3	5.1
SRX 2205	4.0	5.5	5.9	5.0
BAR VB 6820	3.8	5.3	6.6	5.0
COMPACT	4.5	5.0	5.1	4.8
KENBLUE	4.6	4.9	5.2	4.8
LIPOA	4.0	4.9	5.8	4.7
BARUZO	4.1	4.7	5.8	4.6
PEPAYA (DP 37-192)	3.5	4.6	6.1	4.4
LSD VALUE	0.4	0.2	0.4	0.2
C.V. (%)	12.3	9.8	6.5	10.1

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 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS 1/
IN THE TRANSITION ZONE
1999 DATA

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

NAME	IL2	KS1	KY1	MO1	MO3	NC1	OK1	VA1	MEAN
MIDNIGHT	7.0	4.5	8.6	4.6	7.0	5.5	7.3	6.2	6.3
LIBERATOR (ZPS-2572)	7.3	3.8	8.0	4.0	6.7	6.0	6.5	6.5	6.1
UNIQUE	6.1	5.7	8.2	5.1	6.0	5.4	6.1	6.0	6.1
TOTAL ECLIPSE (TCR-1738)	6.6	3.5	8.5	4.2	7.7	4.8	7.0	5.6	6.0
BRILLIANT (PST-B2-42)	7.2	5.0	7.8	5.1	5.8	5.0	5.7	6.0	6.0
APOLLO (PST-B3-180)	6.9	6.1	7.0	4.6	5.8	5.3	6.1	5.6	5.9
NUGLADE	6.0	3.4	8.1	4.0	7.0	5.5	7.4	5.9	5.9
SHOWCASE (PST-BO-141)	7.2	5.6	8.2	4.4	5.6	4.8	5.6	5.8	5.9
AWARD	6.4	3.5	7.8	4.2	6.4	5.6	6.8	6.2	5.8
AMERICA	7.0	5.7	7.8	4.2	5.8	4.8	5.8	5.5	5.8
ODYSSEY (J-1561)	6.0	3.9	8.0	4.6	6.7	5.4	6.6	5.5	5.8
IMPACT (J-1576)	6.2	3.5	7.8	4.5	7.0	4.9	6.9	5.8	5.8
PICK 8	6.8	4.1	7.5	4.7	5.9	5.1	6.7	5.5	5.8
RUGBY II (MED-18)	5.2	4.0	8.4	4.4	6.7	5.6	6.4	5.6	5.8
CHAMPAGNE (LTP-621)	6.6	3.7	7.8	4.5	5.0	4.9	5.7	6.3	5.6
ECLIPSE	6.6	3.4	7.6	4.8	5.6	4.5	6.1	5.6	5.5
JEFFERSON	5.6	4.8	7.8	4.4	5.5	4.9	5.7	5.6	5.5
PRINCETON 105	7.6	3.3	6.6	4.5	5.8	6.3	5.6	4.4	5.5
BARONIE	5.7	4.3	7.3	4.5	5.3	4.5	6.1	6.0	5.5
CHICAGO (J-2582)	6.6	3.4	6.5	4.7	5.7	4.5	6.8	5.6	5.5
BA 81-058	6.2	3.5	7.8	4.5	5.8	4.3	6.1	5.6	5.5
QUANTUM LEAP (J-1567)	5.9	3.2	8.0	4.3	6.0	4.4	6.4	5.1	5.4
MOONLIGHT (PST-A418)	5.6	2.9	7.4	4.7	6.0	3.7	6.2	6.8	5.4
ZPS-309	6.3	3.2	6.3	4.9	5.4	6.0	6.2	4.8	5.4
ARCADIA (J-1936)	5.3	3.6	7.5	4.9	5.5	4.4	6.6	5.2	5.4
HAGA	6.1	4.0	7.5	4.2	5.3	4.6	5.6	5.5	5.3
BA 75-490	5.9	4.1	7.1	4.7	5.6	4.4	5.4	5.4	5.3
BLACKSTONE (PST-638)	5.2	3.0	6.3	5.0	5.4	4.7	6.8	6.3	5.3
SERENE (PST-A7-245A)	5.6	3.6	7.0	4.9	5.9	4.0	5.7	5.6	5.3
SIDEKICK	5.4	3.2	7.1	4.2	5.9	4.5	5.8	6.0	5.3
NUSTAR	4.9	3.0	7.0	5.1	5.6	4.5	5.9	5.8	5.2
CLASSIC	4.9	3.8	7.4	4.3	5.3	5.0	5.1	5.9	5.2
GLADE	5.2	3.3	7.5	4.8	5.6	4.4	5.7	5.2	5.2
ABSOLUTE (MED-1497)	4.5	3.3	6.7	4.5	6.3	4.7	6.1	5.6	5.2
LIVINGSTON	5.4	4.1	6.9	4.4	4.8	4.4	5.7	5.9	5.2
BA 77-702	5.3	2.6	7.1	4.7	5.8	4.3	5.7	6.2	5.2
PST-BO-165	5.7	4.0	6.7	4.3	6.1	4.1	5.5	5.1	5.2
EXPLORER (PICK-3561)	5.8	3.8	7.4	4.6	5.6	3.8	6.0	4.5	5.2
SR 2000	4.5	3.2	7.4	3.9	6.5	4.1	6.5	5.2	5.2
ENVICTA (BA 75-173)	4.0	3.8	7.0	4.6	5.8	4.2	5.5	6.1	5.1
JEWEL (BA 81-227)	5.4	4.1	5.9	4.7	5.4	4.3	5.8	5.4	5.1
SEABRING (BA 79-260)	5.3	3.6	6.7	4.4	5.8	4.8	5.9	4.5	5.1
BA 73-373	4.0	3.2	7.0	4.9	5.7	4.0	6.0	6.1	5.1
BLACKSBURG	4.6	3.6	6.5	4.7	5.8	3.9	6.1	5.6	5.1

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
IN THE TRANSITION ZONE
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	KS1	KY1	MO1	MO3	NC1	OK1	VA1	MEAN
ALLURE	5.5	3.1	6.6	4.4	6.3	3.9	5.8	5.2	5.1
SR 2100	5.4	2.6	6.1	4.4	5.9	4.4	6.0	6.0	5.1
BARIRIS (BAR VB 5649)	6.1	3.6	5.8	4.6	5.2	4.5	5.6	5.3	5.1
BAR VB 233	5.9	3.3	6.0	4.5	5.8	5.1	5.6	4.5	5.1
ABBAY	4.8	2.7	7.2	5.0	5.3	4.3	5.2	6.1	5.1
FORTUNA	5.2	3.1	7.0	4.9	5.6	4.0	6.0	4.7	5.1
A88-744	5.6	3.1	6.8	4.1	5.6	4.4	5.6	5.4	5.1
MED-1580	5.1	3.2	7.3	4.5	5.6	4.1	6.1	4.5	5.0
COVENTRY	5.1	3.6	5.9	4.5	5.7	4.2	5.8	5.6	5.0
CALIBER	5.0	3.5	6.9	4.4	5.3	4.7	5.5	5.0	5.0
CHATEAU	4.6	4.0	5.6	4.8	6.0	4.2	6.0	5.2	5.0
NJ-54	5.4	3.1	6.8	4.5	5.6	4.1	5.2	5.6	5.0
BA 81-220	3.8	3.7	6.7	5.0	5.3	3.9	5.5	6.1	5.0
LTP-620	4.6	3.4	6.7	4.3	5.1	4.2	6.0	5.5	5.0
BAR VB 3115B	6.0	3.0	6.9	4.6	4.8	4.3	5.2	4.9	5.0
GOLDRUSH (BA 87-102)	4.1	3.6	6.1	5.0	5.8	3.9	5.5	5.5	4.9
J-1555	5.3	3.4	6.8	4.6	5.4	3.3	6.1	4.5	4.9
CHALLENGER	4.6	3.5	6.8	4.3	5.3	3.9	5.9	5.1	4.9
RAVEN	4.4	2.6	6.8	4.8	5.6	3.9	5.7	5.5	4.9
RAMBO (J-2579)	4.7	3.3	6.8	4.8	5.3	3.9	5.7	4.7	4.9
BA 81-113	3.9	3.0	6.5	4.7	5.5	4.6	5.8	5.5	4.9
NJ-GD	4.7	3.2	6.8	4.5	5.4	3.9	5.7	5.0	4.9
BA 70-060	4.4	3.0	6.9	5.0	5.0	3.6	5.3	5.9	4.9
NORTH STAR (PST-A7-60)	5.2	2.9	6.5	4.6	5.1	4.5	5.9	4.2	4.9
PLATINI	5.3	3.4	5.6	4.1	5.3	4.9	5.5	4.7	4.9
ZPS-2183	4.3	3.1	6.0	4.6	5.0	3.9	5.9	6.3	4.9
BA 75-163	5.0	3.3	7.0	4.3	5.3	4.4	5.3	4.3	4.9
HV 130	4.3	4.3	5.5	5.0	5.2	3.9	5.1	5.2	4.8
MARQUIS	3.1	3.0	6.7	5.3	5.4	3.8	5.4	5.9	4.8
BA 81-270	5.1	3.7	5.4	4.5	5.5	3.8	5.5	4.7	4.8
SHAMROCK	5.1	3.0	6.5	4.1	4.9	4.0	5.3	5.3	4.8
BLUECHIP (MED-1991)	4.6	2.7	5.3	4.9	5.2	4.0	5.7	5.7	4.8
DRAGON (ZES-429)	4.1	2.4	6.8	4.4	5.4	3.9	5.5	5.5	4.7
BARON	4.1	3.0	6.3	5.0	5.8	4.2	5.3	4.3	4.7
SR 2109	4.9	3.5	5.1	4.6	5.3	4.1	5.2	5.2	4.7
LKB-95	3.2	3.8	6.2	5.2	4.9	3.8	5.2	5.6	4.7
WILDWOOD	4.1	4.1	5.5	4.5	5.4	4.3	5.4	4.4	4.7
VB 16015	4.2	1.9	6.3	3.7	5.8	4.6	6.1	4.9	4.7
ASCOT	4.0	3.0	6.1	4.3	5.8	4.0	5.7	4.5	4.7
HV 242	5.3	3.3	5.1	4.0	5.3	4.4	5.5	4.3	4.7
KENBLUE	4.6	2.7	5.9	4.6	5.1	3.9	5.4	4.5	4.6
MISTY (BA 76-372)	4.0	2.4	6.8	4.5	5.1	4.2	5.6	4.0	4.6
PICK-855	4.2	2.3	6.6	5.0	4.7	3.8	5.4	4.7	4.6
CARDIFF	4.6	2.3	5.4	4.3	5.5	4.8	5.4	4.2	4.6
PST-P46	4.4	2.9	5.4	4.3	5.8	3.7	5.4	4.6	4.5

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
IN THE TRANSITION ZONE
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	KS1	KY1	MO1	MO3	NC1	OK1	VA1	MEAN
NIMBUS	3.0	2.8	6.6	5.3	4.8	3.3	5.6	4.8	4.5
BA 76-197	2.8	3.3	5.9	4.8	4.5	4.1	5.1	5.4	4.5
CONNI	5.1	2.7	5.3	4.1	5.1	4.3	5.3	3.7	4.5
COMPACT	3.7	3.3	6.3	4.0	5.1	3.8	5.1	4.4	4.5
LIMOUSINE	4.2	2.9	5.9	4.3	5.5	3.8	5.1	3.7	4.4
H86-690	3.6	3.1	5.6	4.1	4.8	4.2	5.0	4.3	4.3
SODNET	4.1	2.8	3.3	4.3	5.8	4.3	5.4	3.8	4.2
BARUZO	4.3	1.8	3.4	3.9	5.0	4.9	6.0	3.9	4.1
NJ 1190	1.8	3.1	4.5	4.6	4.6	3.6	5.4	4.9	4.1
LIPOA	3.2	3.2	3.5	4.8	4.7	3.9	5.3	3.1	4.0
SRX 2205	3.0	2.5	3.9	4.6	4.3	3.6	5.0	4.8	4.0
BARTITIA	2.2	2.2	3.2	4.6	5.3	3.9	5.7	3.7	3.9
BAR VB 6820	4.4	2.3	2.6	4.0	4.8	4.8	5.3	2.4	3.8
PEPAYA (DP 37-192)	4.2	2.3	1.7	3.5	4.7	3.9	5.2	2.8	3.5
LSD VALUE	1.3	1.1	1.1	0.7	0.7	0.9	0.8	1.2	0.4
C.V. (%)	16.6	20.0	10.1	10.0	8.2	13.1	8.4	13.9	12.3

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 15.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS 1/
IN THE COOL-HUMID ZONE
1999 DATA

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

NAME	IA1	IL1	IN1	MA1	ME1	MI1	MN1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
NORTH STAR (PST-A7-60)	7.4	5.0	6.4	4.0	8.7	6.7	6.6	5.2	6.8	5.3	8.2	7.4	7.2	7.9	8.0	6.7
PRINCETON 105	7.4	5.1	5.8	4.2	7.7	5.8	6.8	5.9	7.2	6.1	8.6	7.3	6.7	7.9	5.6	6.5
NJ 1190	7.7	2.8	6.4	5.5	8.3	6.9	6.2	7.4	3.1	5.9	8.3	7.3	6.5	7.8	6.1	6.4
BLACKSBURG	6.9	3.2	5.6	3.7	8.2	5.7	6.0	7.0	6.4	6.5	8.4	7.2	6.7	7.8	7.0	6.4
BRILLIANT (PST-B2-42)	7.3	4.1	6.6	5.1	8.2	5.8	6.0	6.5	5.3	5.2	8.2	7.2	6.2	7.9	6.3	6.4
LIBERATOR (ZPS-2572)	8.4	4.4	5.7	3.5	8.2	6.5	6.8	6.9	6.4	6.2	8.6	7.3	3.9	7.7	5.0	6.4
MIDNIGHT	8.1	4.0	5.4	4.0	8.2	6.3	7.0	5.9	6.6	6.6	8.6	7.4	3.7	7.8	5.6	6.4
ODYSSEY (J-1561)	7.9	4.2	5.6	4.2	8.0	6.4	6.0	6.7	6.7	5.1	8.4	7.3	5.0	7.8	5.0	6.3
BLACKSTONE (PST-638)	6.4	4.4	5.0	3.9	8.2	5.3	6.4	5.8	6.9	6.7	8.4	7.3	5.1	7.9	6.7	6.3
NUGLADE	8.1	4.6	5.5	3.9	8.4	6.7	6.7	6.4	6.2	6.0	8.7	7.2	3.9	7.9	4.3	6.3
IMPACT (J-1576)	7.8	4.2	5.5	4.0	8.4	6.6	6.3	6.9	5.8	5.6	8.6	7.2	4.3	7.8	5.0	6.3
ZPS-2183	7.7	3.4	5.2	4.5	7.3	5.6	6.2	6.0	5.7	5.9	8.4	7.3	6.3	7.7	6.7	6.3
APOLLO (PST-B3-180)	6.7	3.5	6.5	4.4	8.2	5.9	6.7	5.8	5.4	5.0	8.3	7.2	6.2	7.9	6.3	6.3
AWARD	8.1	3.9	6.0	3.8	7.3	6.4	6.6	6.6	5.8	5.8	8.7	7.1	4.8	7.8	5.3	6.3
PICK 8	7.5	4.2	5.3	3.8	7.6	6.2	5.9	6.1	6.6	5.6	8.2	7.3	5.7	7.8	5.8	6.2
SHOWCASE (PST-BO-141)	7.3	3.8	6.6	4.7	7.6	5.4	5.3	6.0	5.6	5.3	8.1	7.4	6.2	7.9	6.3	6.2
TOTAL ECLIPSE (TCR-1738)	8.3	4.3	5.5	4.0	8.6	5.8	6.5	6.8	5.5	5.7	8.4	7.4	3.7	7.8	5.0	6.2
WILDWOOD	7.7	4.7	6.0	3.3	8.4	6.8	6.7	5.1	4.3	5.6	7.9	7.2	5.6	7.9	6.1	6.2
JEFFERSON	6.9	4.1	5.7	4.5	7.3	6.2	5.7	5.8	6.5	5.8	7.8	7.2	5.6	8.0	6.1	6.2
RUGBY II (MED-18)	7.6	5.0	5.4	3.8	8.1	6.4	6.1	6.4	5.4	5.2	8.6	7.5	4.2	7.7	5.3	6.2
AMERICA	7.1	3.9	6.6	4.4	7.8	6.0	5.7	6.1	4.9	5.3	8.0	7.2	5.8	7.8	6.1	6.2
ARCADIA (J-1936)	7.9	3.3	4.9	4.4	8.0	5.9	6.1	6.5	4.7	5.1	8.6	7.4	.	7.8	5.9	6.2
UNIQUE	6.8	3.4	6.7	4.6	7.6	5.6	5.6	5.9	5.2	5.3	7.9	7.4	6.6	7.9	5.9	6.2
SR 2109	7.1	4.1	6.0	3.4	7.8	6.2	5.9	5.2	3.4	6.5	8.1	7.1	7.7	7.8	5.8	6.1
MOONLIGHT (PST-A418)	8.1	3.9	4.5	3.0	8.0	5.4	5.2	5.1	6.3	6.0	8.7	7.4	6.1	7.9	6.2	6.1
GLADE	7.5	4.4	5.5	4.5	7.3	6.4	5.7	5.8	4.9	5.2	8.2	7.4	5.2	7.8	5.9	6.1
PST-P46	7.9	3.7	5.2	3.7	8.0	6.2	6.7	5.1	4.1	5.6	8.5	7.3	6.1	7.9	5.2	6.1
CONNI	6.8	4.4	6.2	5.2	7.7	5.3	5.3	5.4	4.4	5.5	7.8	7.2	5.9	7.8	6.0	6.1
ECLIPSE	6.9	4.2	5.7	3.6	7.6	6.1	5.8	5.6	5.6	5.3	8.2	7.2	5.4	7.9	5.4	6.0
BAR VB 3115B	6.6	4.1	4.8	4.1	7.6	7.3	6.1	6.0	5.8	4.7	7.7	7.1	5.2	7.9	5.3	6.0
RAMBO (J-2579)	6.9	3.6	6.4	4.9	8.2	5.6	5.2	6.4	3.9	5.3	8.0	7.2	5.2	7.9	5.4	6.0
LIVINGSTON	6.7	4.3	5.8	4.8	7.3	5.6	6.0	5.6	4.5	5.6	7.6	7.4	5.7	8.0	5.0	6.0
NUSTAR	7.3	4.5	5.9	3.4	7.1	6.3	5.0	5.9	5.4	5.3	7.6	7.3	5.8	7.8	5.1	6.0
NJ-GD	7.1	3.4	5.7	3.3	7.2	6.2	6.4	5.9	4.2	6.1	7.9	7.3	5.4	7.8	5.7	6.0
QUANTUM LEAP (J-1567)	7.7	3.5	5.4	3.6	8.2	5.9	5.8	6.0	5.0	5.3	8.6	7.2	4.3	7.7	5.5	6.0
LKB-95	7.0	4.1	5.4	3.5	7.6	6.3	6.0	6.0	3.1	5.3	7.5	7.3	6.3	7.8	6.0	6.0
CHAMPAGNE (LTP-621)	7.3	3.8	5.5	3.7	7.9	6.7	5.8	5.5	4.3	5.5	7.8	7.2	4.8	7.9	5.5	5.9
LIMOUSINE	5.2	3.3	6.5	5.3	8.7	4.3	5.4	5.8	6.2	4.7	8.0	7.2	4.8	7.8	5.7	5.9
ABSOLUTE (MED-1497)	7.8	4.3	5.8	4.0	8.1	6.3	6.2	5.9	3.1	3.7	8.5	7.4	4.8	7.7	4.5	5.9
SHAMROCK	7.4	3.7	6.0	3.4	8.0	5.8	5.4	6.1	3.6	5.0	8.1	7.2	4.8	8.0	5.4	5.9
BA 75-490	6.9	3.4	5.3	3.6	7.1	6.4	6.0	5.8	4.8	4.9	8.0	7.3	4.8	7.8	5.4	5.8
CHICAGO (J-2582)	7.1	3.6	5.1	3.8	7.7	6.2	5.9	6.0	3.2	4.9	8.0	7.1	.	7.9	5.0	5.8
HV 130	7.8	3.5	6.0	4.4	7.4	6.6	6.0	6.3	2.5	2.5	8.1	7.3	4.8	7.8	6.1	5.8
SERENE (PST-A7-245A)	7.5	3.7	5.5	3.3	7.2	5.6	5.1	6.0	4.6	4.9	8.1	7.2	5.2	7.9	5.1	5.8

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS
IN THE COOL-HUMID ZONE
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF															
	IA1	IL1	IN1	MA1	ME1	MI1	MN1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
SR 2000	7.7	4.4	3.1	3.6	7.4	6.2	6.3	5.4	3.5	4.1	8.6	7.3	5.2	7.8	6.0	5.8
JEWEL (BA 81-227)	7.2	3.9	5.5	2.9	7.3	5.8	5.1	5.6	4.6	5.0	8.3	7.3	4.5	7.9	5.5	5.8
BA 81-058	7.2	3.9	5.3	3.7	7.4	6.5	5.5	5.0	4.8	4.9	8.2	7.3	4.1	7.8	4.6	5.7
NJ-54	6.9	3.7	5.8	3.5	7.2	6.3	5.3	5.8	3.6	5.0	8.1	7.3	4.1	7.9	5.3	5.7
BA 81-270	6.6	3.7	5.8	3.3	7.1	5.3	6.0	6.0	4.7	5.4	8.0	7.3	4.4	7.8	4.5	5.7
MISTY (BA 76-372)	7.3	3.8	5.8	3.0	7.3	6.4	6.2	4.2	2.1	5.6	7.9	7.3	5.3	7.9	5.5	5.7
PICK-855	7.4	3.9	4.8	3.0	8.0	5.7	5.6	5.8	3.2	5.3	7.9	7.1	5.8	7.8	4.3	5.7
CHATEAU	7.3	3.6	5.3	3.2	6.7	5.9	5.5	5.9	3.4	5.4	7.8	7.2	4.7	7.9	5.7	5.7
EXPLORER (PICK-3561)	7.3	3.9	4.6	3.4	7.5	6.0	4.8	5.9	3.6	4.6	8.1	7.1	.	7.9	5.1	5.7
COVENTRY	7.0	3.6	5.6	3.3	6.9	4.9	5.5	6.2	3.8	4.8	8.2	7.3	4.7	7.9	5.5	5.7
ALLURE	6.4	4.0	4.7	3.3	7.3	5.5	5.0	6.2	4.3	4.7	8.0	7.4	4.9	7.9	5.0	5.6
BARIRIS (BAR VB 5649)	5.7	3.3	5.0	3.6	7.0	5.3	5.4	5.8	5.8	5.2	7.8	7.3	3.5	7.9	5.9	5.6
MED-1580	6.9	3.6	5.5	3.5	7.1	5.8	5.5	5.2	3.3	4.9	8.0	7.2	.	7.8	4.4	5.6
HAGA	6.9	3.8	3.8	3.1	7.1	5.9	6.1	5.5	4.7	4.9	7.4	6.9	5.1	7.9	5.2	5.6
RAVEN	7.1	4.2	5.1	3.5	7.2	6.0	5.2	5.8	3.2	3.3	8.3	7.3	4.5	7.9	5.5	5.6
BARONIE	6.6	3.9	5.0	3.7	7.4	6.0	6.1	5.7	4.8	4.8	7.7	7.3	3.3	7.9	3.7	5.6
CALIBER	5.9	3.8	4.6	3.8	7.3	6.0	5.0	5.9	4.3	5.0	7.5	7.3	4.2	7.9	5.4	5.6
DRAGON (ZPS-429)	7.3	3.7	4.2	3.2	7.1	5.5	5.1	4.5	3.6	5.1	8.1	7.4	4.9	7.8	6.0	5.6
SR 2100	7.3	5.0	4.0	3.0	7.4	5.3	5.3	4.9	4.4	3.4	8.2	7.1	5.1	7.9	5.3	5.6
PLATINI	4.6	3.0	4.5	4.2	7.6	5.1	5.0	6.3	5.9	5.4	8.1	7.2	3.1	7.8	5.7	5.6
CLASSIC	6.7	3.3	5.0	3.5	7.4	5.8	5.6	5.3	4.8	5.0	7.7	7.2	3.7	7.9	4.6	5.6
SEABRING (BA 79-260)	7.3	3.6	4.7	3.4	6.8	6.1	6.4	4.2	2.8	5.0	8.6	7.3	4.9	7.9	4.3	5.6
BAR VB 233	5.2	3.0	5.6	3.5	7.6	5.1	4.8	6.2	5.2	5.0	7.9	7.1	2.9	7.9	6.1	5.5
CHALLENGER	7.3	3.5	4.6	3.5	7.2	5.5	6.0	6.0	2.9	4.9	8.2	7.4	3.4	8.0	4.6	5.5
BARTITIA	6.8	2.8	5.9	3.4	8.0	5.0	5.8	6.0	2.4	5.4	7.8	7.3	4.3	7.9	4.2	5.5
ASCOT	7.5	3.1	5.0	3.0	7.8	6.4	5.5	5.2	2.6	5.2	7.9	7.3	4.8	7.8	3.8	5.5
BA 76-197	6.8	3.3	6.7	3.3	7.0	6.0	5.9	5.4	1.9	4.6	7.8	7.3	3.9	7.8	4.7	5.5
A88-744	7.3	3.5	3.8	3.3	7.2	6.0	5.0	4.5	4.7	3.8	8.2	7.0	4.6	7.9	5.4	5.5
ABBEY	7.3	4.2	5.4	3.2	6.4	6.3	5.3	5.2	2.9	3.6	8.1	7.3	4.2	7.9	4.8	5.5
CARDIFF	7.3	3.5	3.5	4.0	7.1	6.3	4.7	5.2	1.3	4.6	8.0	7.2	6.4	7.8	5.2	5.5
BA 70-060	7.3	3.9	5.3	3.0	7.1	5.9	5.2	5.1	3.6	2.8	8.1	7.2	4.4	7.9	5.0	5.5
SRX 2205	7.2	2.8	5.3	3.1	6.8	6.6	5.5	4.4	2.9	5.4	7.7	7.2	4.2	7.7	5.0	5.5
PST-BO-165	7.1	3.0	5.0	3.2	6.5	5.4	5.1	5.9	2.9	5.1	7.9	7.4	3.5	7.9	5.3	5.4
HV 242	5.6	3.0	5.2	3.8	7.6	5.0	4.9	6.1	4.6	4.9	7.8	7.3	2.2	7.9	5.5	5.4
BA 81-220	7.0	3.8	5.3	3.0	7.0	5.6	5.4	5.3	2.7	3.1	8.0	7.4	4.7	7.8	5.0	5.4
BA 77-702	7.3	4.0	5.5	3.2	6.6	5.4	5.4	5.7	2.9	2.7	7.9	7.3	4.0	7.9	5.4	5.4
MARQUIS	6.7	3.7	5.8	3.0	7.1	5.8	5.2	5.0	2.8	3.2	8.1	7.3	4.5	7.9	4.9	5.4
ZPS-309	5.5	3.5	4.3	3.9	7.5	5.4	4.7	5.2	5.0	5.1	7.8	7.3	2.8	7.9	5.1	5.4
LTP-620	7.2	4.0	4.4	3.7	6.8	6.0	5.3	5.1	2.6	4.6	7.5	7.2	4.4	7.9	4.1	5.4
BA 73-373	7.5	3.3	5.7	3.3	6.8	5.6	5.0	5.3	2.7	3.3	8.1	7.3	4.8	7.9	4.2	5.4
H86-690	7.5	3.8	4.2	3.2	7.6	6.8	5.0	4.5	1.4	3.9	8.1	7.3	4.1	7.9	5.3	5.4
SODNET	7.4	3.3	5.2	3.4	8.4	5.6	5.8	4.6	1.4	4.6	8.1	7.2	4.0	7.7	3.6	5.3
ENVICTA (BA 75-173)	7.1	4.5	5.4	3.3	6.7	5.9	4.5	5.5	2.2	3.1	8.1	7.2	4.1	7.8	4.9	5.3
BAR VB 6820	4.9	3.1	6.0	3.2	8.2	6.0	4.7	4.7	3.2	5.9	7.8	7.2	2.9	7.7	4.5	5.3
FORTUNA	7.5	3.5	4.7	3.3	7.0	5.9	5.2	5.6	3.1	2.5	7.9	7.4	4.1	7.9	4.2	5.3

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS
IN THE COOL-HUMID ZONE
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF															
	IA1	IL1	IN1	MA1	ME1	MI1	MN1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
NIMBUS	6.8	3.6	5.0	2.9	6.8	6.2	5.9	5.3	2.8	3.8	7.9	7.2	3.3	7.9	4.5	5.3
VB 16015	7.5	3.3	3.4	3.2	6.6	6.7	5.5	5.0	2.4	4.4	8.1	7.4	4.4	7.8	4.0	5.3
GOLDRUSH (BA 87-102)	7.4	4.0	5.0	3.2	7.4	4.9	4.1	5.2	2.9	3.3	7.8	7.3	4.3	7.9	4.7	5.3
SIDEKICK	7.1	3.9	3.9	3.0	6.7	5.5	6.0	5.0	2.7	4.1	8.1	7.1	4.0	7.8	4.4	5.3
BLUECHIP (MED-1991)	6.8	3.5	5.3	3.7	6.7	5.8	4.8	5.6	2.3	3.2	7.7	7.2	3.9	7.9	4.4	5.2
BARON	6.8	3.4	5.2	3.0	6.9	5.1	5.3	5.4	2.6	2.6	8.1	7.4	3.9	7.9	4.8	5.2
J-1555	7.1	3.7	2.7	3.2	7.1	5.0	5.3	5.3	2.4	4.2	7.9	6.7	.	7.9	4.3	5.2
BA 81-113	7.0	3.2	4.6	3.1	6.7	5.8	4.5	4.7	1.4	2.9	7.8	7.5	3.9	7.9	5.0	5.1
BA 75-163	7.5	3.0	3.7	2.8	6.8	5.9	3.6	4.9	2.1	4.4	8.2	7.2	3.6	7.8	4.7	5.1
COMPACT	6.9	3.5	2.4	2.9	6.5	6.0	4.2	5.3	2.2	3.5	7.2	7.1	4.6	7.8	4.6	5.0
KENBLUE	6.3	3.6	2.8	2.8	6.3	5.9	5.0	4.1	2.5	3.3	6.6	7.2	4.4	7.7	4.7	4.9
LIPOA	7.5	2.9	2.8	3.4	7.4	5.6	5.3	5.0	1.2	3.2	7.7	7.2	2.2	7.5	4.1	4.9
BARUZO	6.7	2.6	3.8	3.0	7.0	5.9	2.9	3.7	1.2	3.8	7.9	7.0	3.3	7.8	3.9	4.7
PEPAYA (DP 37-192)	6.7	2.8	4.3	2.9	5.8	6.3	3.9	3.3	1.1	4.4	7.8	7.2	2.9	7.7	1.8	4.6
LSD VALUE	1.0	1.0	1.1	0.9	0.7	1.0	1.1	0.8	1.6	0.8	0.3	0.3	1.0	0.2	0.7	0.2
C.V. (%)	9.1	16.2	13.6	15.0	6.2	10.3	11.8	9.2	25.0	10.1	2.6	2.8	12.9	1.6	8.2	9.8

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 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS 1/
IN THE COOL-ARID ZONE
1999 DATA

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

NAME	AB1	UT1	WA1	MEAN
NORTH STAR (PST-A7-60)	7.2	6.0	7.2	6.8
TOTAL ECLIPSE (TCR-1738)	6.8	6.0	7.4	6.7
BLACKSBURG	6.7	6.4	7.1	6.7
ABSOLUTE (MED-1497)	7.2	5.7	7.2	6.7
MIDNIGHT	6.7	5.8	7.4	6.6
IMPACT (J-1576)	6.4	6.0	7.4	6.6
VB 16015	6.9	5.8	7.2	6.6
LIBERATOR (ZPS-2572)	6.9	5.8	7.1	6.6
AWARD	7.0	5.3	7.5	6.6
MOONLIGHT (PST-A418)	6.4	5.9	7.3	6.6
BAR VB 6820	7.1	5.3	7.3	6.6
SHOWCASE (PST-BO-141)	6.9	5.7	7.0	6.5
BRILLIANT (PST-B2-42)	6.8	5.9	6.9	6.5
PICK 8	7.0	5.9	6.6	6.5
GLADE	6.6	6.2	6.6	6.5
RUGBY II (MED-18)	7.0	5.2	7.1	6.5
NUGLADE	7.0	5.3	7.1	6.5
SERENE (PST-A7-245A)	7.1	5.8	6.4	6.5
PLATINI	7.1	5.8	6.4	6.5
WILDWOOD	7.1	5.3	7.0	6.4
ARCADIA (J-1936)	6.4	6.1	6.8	6.4
PST-P46	6.8	5.6	6.8	6.4
EXPLORER (PICK-3561)	7.1	5.8	6.3	6.4
ZPS-2183	6.7	6.0	6.5	6.4
BA 81-220	6.9	5.6	6.7	6.4
BLUECHIP (MED-1991)	6.9	5.6	6.7	6.4
ODYSSEY (J-1561)	6.4	5.7	7.0	6.4
PRINCETON 105	6.6	5.9	6.7	6.4
MARQUIS	6.9	5.6	6.6	6.4
QUANTUM LEAP (J-1567)	6.9	5.7	6.4	6.3
BARTITIA	7.0	5.3	6.7	6.3
SR 2109	7.0	6.0	6.0	6.3
BLACKSTONE (PST-638)	6.8	5.7	6.5	6.3
SODNET	6.7	5.5	6.7	6.3
CHALLENGER	6.8	5.5	6.6	6.3
ASCOT	6.8	5.6	6.5	6.3
SEABRING (BA 79-260)	6.3	5.6	7.0	6.3
UNIQUE	6.9	5.4	6.6	6.3
CHICAGO (J-2582)	6.7	5.6	6.6	6.3
BAR VB 233	7.1	5.0	6.7	6.2
PST-BO-165	7.1	5.4	6.2	6.2
JEWEL (BA 81-227)	7.1	5.5	6.1	6.2
H86-690	6.7	5.7	6.3	6.2
CALIBER	6.9	5.5	6.1	6.2

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
IN THE COOL-ARID ZONE
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	UT1	WA1	MEAN
BARON	7.0	5.3	6.3	6.2
BARIRIS (BAR VB 5649)	6.9	5.4	6.2	6.2
BA 77-702	7.1	5.1	6.3	6.2
NUSTAR	7.0	5.4	6.1	6.2
ABBEY	6.9	5.4	6.2	6.2
FORTUNA	6.8	5.4	6.4	6.2
BA 81-113	6.7	5.4	6.5	6.2
LTP-620	6.7	5.6	6.2	6.2
ZPS-309	6.9	5.2	6.3	6.1
MED-1580	6.3	5.6	6.5	6.1
AMERICA	6.8	5.4	6.2	6.1
ENVICTA (BA 75-173)	6.9	5.0	6.4	6.1
DRAGON (ZPS-429)	6.7	5.6	6.1	6.1
CHATEAU	7.1	5.1	6.1	6.1
CARDIFF	6.6	5.3	6.4	6.1
NIMBUS	7.1	5.4	5.9	6.1
HV 242	7.0	5.2	6.1	6.1
RAVEN	6.7	5.2	6.4	6.1
MISTY (BA 76-372)	7.1	5.1	6.1	6.1
BA 81-058	6.7	5.6	6.0	6.1
GOLDRUSH (BA 87-102)	6.8	4.9	6.6	6.1
SHAMROCK	6.9	5.4	5.9	6.1
RAMBO (J-2579)	7.2	5.2	5.8	6.1
BA 75-163	6.6	5.1	6.5	6.1
HV 130	6.9	5.3	6.0	6.1
CHAMPAGNE (LTP-621)	6.7	5.2	6.3	6.1
SR 2100	6.9	5.0	6.2	6.1
ALLURE	6.9	5.1	6.1	6.1
BA 73-373	6.7	5.0	6.4	6.1
PEPAYA (DP 37-192)	6.9	5.0	6.2	6.1
J-1555	6.8	5.3	6.1	6.1
BA 81-270	7.1	5.1	6.0	6.1
SR 2000	6.9	5.2	6.0	6.1
CONNI	6.6	5.4	6.0	6.0
BA 75-490	6.8	4.9	6.4	6.0
CLASSIC	6.7	5.7	5.6	6.0
ECLIPSE	6.6	5.4	6.0	6.0
A88-744	7.0	4.8	6.2	6.0
BA 70-060	6.9	4.7	6.3	6.0
COVENTRY	6.8	5.2	5.9	6.0
LKB-95	6.8	5.2	5.8	6.0
NJ 1190	7.1	4.9	5.9	5.9
APOLLO (PST-B3-180)	6.5	4.9	6.3	5.9
NJ-54	6.7	5.3	5.8	5.9
LIMOUSINE	7.3	4.8	5.6	5.9

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
IN THE COOL-ARID ZONE
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	UT1	WA1	MEAN
SRX 2205	6.3	5.3	6.0	5.9
BA 76-197	7.1	4.6	6.0	5.9
NJ-GD	6.9	4.4	6.3	5.9
LIVINGSTON	6.8	5.2	5.5	5.8
BARONIE	6.6	5.0	5.9	5.8
BARUZO	6.6	5.1	5.7	5.8
LIPOA	6.7	4.6	6.0	5.8
JEFFERSON	6.4	4.8	6.0	5.7
HAGA	6.7	5.0	5.5	5.7
PICK-855	6.3	5.0	5.8	5.7
SIDEKICK	6.6	4.7	5.6	5.6
BAR VB 3115B	6.9	4.6	4.9	5.5
KENBLUE	6.2	4.4	4.9	5.2
COMPACT	6.4	4.0	4.9	5.1
LSD VALUE	0.5	0.8	0.5	0.4
C.V. (%)	4.5	9.8	5.4	6.5

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 17.

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

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

NAME	AB1	IA1	IL2	IN1	KS1	KY1	ME1	MI1	MN1	MO3	NC1	NE1	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
TOTAL ECLIPSE (TCR-1738)	8.0	8.7	7.3	8.0	7.3	8.7	9.0	8.0	8.3	8.7	7.3	9.0	8.7	8.0	8.3	8.3	7.3	8.3	7.0	8.3	8.7	8.2
MIDNIGHT	8.0	8.7	7.0	7.7	8.0	9.0	9.0	7.7	8.7	8.3	6.3	9.0	9.0	8.0	8.0	8.3	7.0	9.0	7.0	8.0	8.3	8.1
IMPACT (J-1576)	8.3	9.0	7.7	7.7	8.0	9.0	9.0	7.7	8.3	8.0	6.0	9.0	8.7	8.0	8.0	8.0	7.3	7.3	7.7	8.0	8.7	8.1
AWARD	8.3	9.0	6.3	7.7	7.3	8.3	8.0	7.0	8.3	8.7	7.3	9.0	9.0	8.0	7.3	7.3	7.0	8.0	7.0	7.7	9.0	7.9
LIBERATOR (ZPS-2572)	7.3	9.0	7.7	7.7	7.7	9.0	8.0	7.3	8.7	8.3	6.3	8.7	9.0	7.7	7.3	7.7	7.3	8.7	7.0	7.7	7.7	7.9
NUGLADE	8.0	8.3	5.7	7.7	7.0	8.7	8.7	7.7	8.0	8.3	7.0	9.0	9.0	8.0	7.7	8.0	7.3	8.0	7.7	8.0	8.0	7.9
MOONLIGHT (PST-A418)	7.7	8.3	5.7	7.7	8.0	9.0	8.7	8.0	8.0	7.7	7.7	8.7	9.0	7.3	7.0	9.0	6.3	8.7	7.0	7.0	8.7	7.9
RUGBY II (MED-18)	8.0	8.3	6.0	6.7	8.0	8.7	8.7	7.3	8.0	7.7	6.7	9.0	8.7	7.7	8.0	7.3	7.7	8.0	6.7	7.7	8.0	7.7
ABSOLUTE (MED-1497)	8.0	8.7	5.7	7.3	8.0	8.7	8.7	8.3	8.0	8.0	6.0	8.3	9.0	7.0	8.3	7.7	7.0	7.7	6.7	7.7	8.0	7.7
ODYSSEY (J-1561)	8.0	8.0	5.7	6.3	7.0	8.7	8.3	7.3	8.0	8.0	6.7	9.0	8.7	7.0	7.7	7.7	7.7	8.7	6.0	7.7	8.0	7.6
ARCADIA (J-1936)	7.7	8.3	6.7	7.3	6.7	8.7	8.0	6.3	8.0	7.7	7.0	8.3	9.0	7.7	7.7	.	7.3	7.0	7.3	7.0	8.0	7.6
SEABRING (BA 79-260)	7.3	7.7	6.0	7.7	7.3	8.7	7.7	7.3	8.0	7.0	6.3	8.0	9.0	7.3	7.7	9.0	6.0	8.7	6.0	7.0	8.0	7.5
BLACKSTONE (PST-638)	8.0	7.0	6.0	8.0	7.0	7.7	8.7	8.0	7.7	7.3	8.0	8.3	9.0	7.0	7.3	6.7	6.7	7.3	6.7	7.0	8.0	7.5
QUANTUM LEAP (J-1567)	8.0	8.3	5.7	7.0	6.7	8.3	8.3	7.3	7.7	8.0	6.7	8.0	8.7	7.0	7.0	7.0	7.0	7.0	6.7	7.7	7.7	7.4
VB 16015	7.7	8.0	4.0	8.0	7.3	8.7	7.0	8.3	7.3	7.3	6.7	8.0	8.7	7.3	7.7	7.7	6.7	7.3	6.3	6.0	8.3	7.3
BLACKSBURG	8.3	7.7	5.7	6.3	7.7	7.3	8.0	7.3	7.3	6.7	6.7	7.7	9.0	7.0	7.7	7.3	6.7	8.3	7.0	7.0	7.7	7.3
SODNET	7.7	8.0	4.0	8.0	7.7	7.3	8.3	7.7	8.0	7.3	6.3	8.3	8.0	7.0	7.0	7.0	7.0	8.0	6.7	6.3	8.3	7.3
NORTH STAR (PST-A7-60)	7.7	7.7	6.7	7.0	7.0	7.3	8.0	8.0	7.0	6.7	5.3	8.3	8.7	7.0	7.0	8.0	6.0	7.0	7.0	7.0	7.7	7.2
PST-P46	8.0	8.0	4.3	7.3	7.3	7.3	7.7	7.3	7.7	8.3	6.7	8.3	9.0	6.7	7.3	6.3	6.0	7.3	5.7	7.0	6.7	7.2
SR 2000	7.7	8.3	4.3	5.7	7.3	8.7	7.7	8.0	7.0	7.7	6.3	8.0	9.0	7.0	7.7	6.3	7.0	6.3	6.0	6.7	7.7	7.2
PRINCETON 105	8.0	7.3	9.0	6.7	6.7	7.0	8.3	7.7	7.0	7.0	7.7	7.3	8.7	6.3	7.0	5.7	6.0	7.0	7.3	4.3	7.3	7.1
WILDWOOD	8.0	8.0	6.3	7.3	6.7	7.7	7.3	6.0	7.0	6.7	7.0	8.0	8.3	6.3	6.7	7.0	6.3	6.3	6.0	7.3	6.7	7.0
ASCOT	7.7	7.7	3.3	6.7	7.0	7.7	7.7	6.7	7.0	7.0	6.7	8.0	8.3	6.7	7.0	7.0	7.0	7.3	6.0	6.7	7.3	7.0
BA 75-163	8.0	8.3	5.7	7.0	7.0	8.7	6.7	7.0	6.3	7.0	7.0	7.3	8.3	6.7	7.0	6.7	6.3	6.3	5.7	6.3	7.0	7.0
GLADE	7.3	7.7	5.3	7.0	7.0	7.7	7.7	6.7	7.0	6.7	6.7	8.0	8.3	6.3	7.3	6.0	6.3	6.7	6.3	6.7	7.7	7.0
BRILLIANT (PST-B2-42)	8.0	7.3	6.7	6.3	6.7	8.0	7.7	6.7	7.0	6.7	7.3	7.7	8.3	6.3	7.7	6.0	6.0	6.0	5.7	6.3	7.7	7.0
PEPAYA (DP 37-192)	7.7	7.0	5.3	6.3	8.0	6.7	8.0	7.0	6.0	6.7	7.3	8.0	8.3	6.3	7.0	7.0	7.7	8.0	5.0	6.0	6.7	7.0
SHOWCASE (PST-BO-141)	8.0	7.7	6.3	6.3	6.7	7.7	8.0	6.0	6.7	6.7	7.7	7.3	8.0	6.3	7.3	6.3	6.3	6.0	6.0	6.7	8.0	7.0
CHICAGO (J-2582)	7.3	6.7	7.3	6.7	6.0	7.0	8.3	6.7	7.3	6.3	6.7	7.0	8.3	7.0	8.0	.	6.7	6.3	5.7	6.7	7.0	7.0
J-1555	7.7	7.7	6.0	6.3	6.7	8.0	8.0	6.3	6.3	6.7	7.0	7.7	8.3	7.0	7.0	.	6.3	6.7	6.0	5.7	7.3	6.9
H86-690	7.7	8.0	4.0	7.3	7.7	7.0	8.3	8.0	6.7	6.7	7.0	7.7	9.0	6.0	7.3	5.0	6.3	6.0	6.7	5.0	8.0	6.9
HV 130	8.0	7.0	6.0	6.3	7.0	6.3	8.0	8.3	6.0	6.7	7.3	7.0	8.3	6.3	7.3	7.0	6.0	6.7	5.7	7.0	6.7	6.9
MED-1580	7.3	7.3	5.0	6.3	7.0	8.3	7.7	7.0	6.0	7.0	7.0	7.0	8.0	7.0	6.7	.	6.3	6.3	7.0	6.7	7.0	6.9
PICK 8	8.0	7.7	5.3	6.7	8.0	7.3	8.0	6.7	6.0	6.7	7.3	8.0	8.3	6.0	7.7	5.7	6.3	6.0	6.0	5.7	7.3	6.9
BAR VB 6820	7.7	5.7	4.3	6.7	7.0	6.3	8.3	7.3	7.0	7.0	6.7	8.0	8.0	6.7	7.0	7.3	7.0	8.3	5.7	5.0	7.7	6.9
UNIQUE	8.0	7.3	7.3	6.0	6.3	7.3	8.3	5.7	6.7	6.7	7.3	7.0	8.0	7.0	7.7	6.0	6.0	6.3	5.0	6.7	7.7	6.9
APOLLO (PST-B3-180)	7.3	8.0	6.3	6.7	6.3	7.7	8.0	7.3	7.0	7.0	7.0	7.0	8.7	6.0	7.0	6.0	5.7	6.3	5.3	6.0	7.0	6.8
BLUECHIP (MED-1991)	7.7	7.3	4.3	6.0	7.0	7.7	7.0	6.7	6.7	6.3	6.7	7.3	8.0	7.0	7.3	7.0	6.3	5.7	7.0	6.7	7.3	6.8
EXPLORER (PICK-3561)	8.0	7.7	6.7	6.3	6.0	7.3	7.0	6.7	6.3	6.3	6.0	7.3	8.3	6.3	6.7	.	7.0	6.3	5.3	7.0	7.3	6.8
BA 81-058	7.3	7.0	6.0	6.7	6.7	8.7	7.3	6.7	7.0	6.7	6.7	6.7	9.0	6.0	7.3	6.3	6.0	5.0	6.0	6.7	7.0	6.8
A88-744	7.7	8.0	6.0	7.0	6.7	8.0	8.0	7.0	6.7	7.0	6.7	7.0	8.3	6.3	7.0	4.7	6.0	5.7	5.7	6.3	6.7	6.8
ZPS-2183	7.7	7.3	5.0	5.0	7.3	7.0	8.0	7.3	6.7	7.0	7.0	7.3	9.0	6.7	6.7	5.7	6.7	6.0	5.7	6.3	6.7	6.8
AMERICA	7.7	7.3	6.3	6.3	6.0	7.0	8.0	6.7	6.7	6.7	6.7	6.7	8.3	6.0	6.7	6.3	6.3	6.3	6.3	6.0	7.3	6.7
GOLDRUSH (BA 87-102)	7.7	7.0	4.0	7.0	6.7	7.7	8.0	6.3	6.0	7.0	5.0	7.7	8.0	7.3	7.0	7.0	6.0	6.0	5.7	6.7	7.3	6.7

TABLE 17. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AB1	IA1	IL2	IN1	KS1	KY1	ME1	MI1	MN1	MO3	NC1	NE1	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
FORTUNA	7.3	8.3	5.3	6.0	6.7	7.0	7.7	6.7	6.0	7.0	5.7	7.3	8.0	6.3	7.3	6.3	6.3	6.0	5.7	6.0	7.7	6.7
LIPOA	7.7	7.3	5.0	6.0	7.7	6.0	8.7	6.7	5.7	6.3	6.0	8.0	8.0	6.3	6.7	6.0	6.7	6.3	6.3	5.7	7.7	6.7
BARTITIA	7.7	7.7	3.3	6.7	6.7	7.3	7.7	7.0	5.7	6.3	6.7	7.7	8.0	6.0	6.7	5.7	6.3	7.7	5.3	7.0	7.3	6.7
SR 2100	7.7	7.7	4.3	5.7	6.3	7.0	8.0	7.0	7.0	7.0	5.3	7.0	9.0	6.7	7.0	6.0	6.3	6.0	5.3	6.3	7.3	6.7
ZPS-309	7.7	5.3	6.0	6.7	7.0	8.0	8.3	7.3	6.0	7.0	6.7	7.3	8.7	6.0	6.7	6.0	6.0	6.3	4.7	5.7	6.3	6.7
BA 81-220	7.3	8.0	3.7	6.7	7.0	7.0	7.7	6.3	6.7	7.0	6.0	6.7	8.0	6.3	7.0	6.3	6.0	6.0	6.3	6.3	7.0	6.6
BA 77-702	8.0	7.3	5.3	6.7	6.3	7.7	7.3	6.3	6.0	7.3	5.3	7.0	8.3	7.0	7.0	6.3	6.3	6.0	4.7	6.0	7.0	6.6
BARON	7.7	7.7	4.3	6.7	6.0	8.0	7.7	6.7	5.7	6.7	5.3	7.3	8.0	6.3	7.0	6.7	6.0	6.0	6.3	6.3	7.0	6.6
ENVICTA (BA 75-173)	8.0	8.0	4.3	7.0	6.7	7.0	8.0	6.7	6.0	6.7	5.3	6.7	8.0	6.7	6.7	6.3	6.3	5.7	6.3	6.0	7.0	6.6
ABBEY	7.7	8.0	5.0	7.0	6.0	7.0	7.3	6.3	6.7	6.7	6.3	6.3	8.0	6.3	7.0	6.0	6.7	5.3	6.0	6.0	7.0	6.6
ECLIPSE	7.3	7.3	6.3	6.3	6.0	7.0	8.0	7.0	5.7	6.0	6.3	7.0	8.3	6.3	6.7	6.0	6.0	6.3	6.0	5.7	7.0	6.6
BA 70-060	7.7	8.3	5.0	6.3	6.0	7.0	7.7	7.0	6.0	7.0	5.7	6.7	8.3	6.0	7.3	6.3	6.0	5.7	5.0	6.3	7.0	6.6
RAVEN	7.7	7.7	4.0	6.7	6.3	6.7	7.3	7.0	6.0	7.3	5.7	7.3	8.7	6.3	7.0	6.0	6.0	6.0	5.7	6.0	7.0	6.6
BARUZO	7.3	7.3	3.7	5.7	7.3	7.0	7.0	6.3	5.3	6.3	6.0	7.7	8.0	6.7	7.0	6.0	6.3	6.7	6.7	6.3	7.0	6.6
CARDIFF	7.0	7.0	5.3	6.0	7.0	7.3	6.7	6.7	6.3	7.0	6.7	7.3	8.0	6.0	7.0	4.3	6.3	6.7	6.0	5.0	7.3	6.5
RAMBO (J-2579)	7.0	7.3	6.7	7.0	6.3	7.3	7.7	6.3	6.3	7.0	5.7	6.7	8.3	5.7	7.0	5.0	6.0	5.7	4.7	6.7	6.7	6.5
NUSTAR	7.3	7.3	7.0	6.3	6.0	7.0	5.7	6.7	6.7	6.3	6.7	7.0	8.0	6.0	7.3	5.0	6.0	5.3	6.0	6.7	6.7	6.5
BAR VB 233	8.0	5.3	5.3	6.3	6.3	7.0	7.3	8.0	6.3	6.7	6.0	7.7	8.0	5.7	7.0	5.0	6.3	6.0	5.7	5.3	7.3	6.5
DRAGON (ZPS-429)	7.0	8.0	3.7	6.7	7.0	7.3	7.0	6.7	6.7	6.7	6.7	5.7	8.7	6.3	7.0	5.3	6.0	5.3	6.0	5.3	7.3	6.5
MARQUIS	7.3	7.3	1.7	6.3	6.7	6.7	7.7	6.7	6.0	7.0	5.7	7.0	8.3	6.3	7.0	6.3	6.7	6.3	5.7	6.3	7.3	6.5
SERENE (PST-A7-245A)	7.3	7.0	6.7	6.7	6.0	6.7	7.7	7.3	6.3	7.0	5.7	6.7	8.3	6.3	6.3	4.7	6.0	5.0	5.3	6.3	7.0	6.5
BARIRIS (BAR VB 5649)	7.3	6.3	7.0	6.7	7.0	6.7	7.0	7.7	6.0	6.3	6.3	6.3	8.0	5.7	7.0	4.7	6.0	5.7	5.7	6.0	7.0	6.5
MISTY (BA 76-372)	7.7	7.7	4.3	6.0	6.0	7.3	7.3	6.3	7.0	5.3	5.7	7.0	8.0	6.0	7.0	6.0	6.3	5.7	5.7	6.3	7.3	6.5
BA 73-373	7.3	8.3	4.3	7.0	6.3	7.7	7.3	6.3	6.0	6.3	6.0	7.0	8.0	6.0	7.0	5.7	6.0	5.3	4.7	6.3	7.0	6.5
PLATINI	7.7	5.7	5.7	6.3	6.7	6.7	7.7	7.3	6.7	6.3	5.7	7.0	8.7	6.0	7.3	4.0	6.3	5.7	6.0	5.7	7.0	6.5
CHALLENGER	8.0	8.0	5.7	5.7	6.3	7.0	6.7	7.0	6.7	6.3	5.7	7.3	8.3	6.0	6.7	5.7	6.0	5.0	6.0	4.3	7.3	6.5
BA 81-113	8.0	7.7	1.7	7.0	6.3	7.0	7.0	7.3	5.7	7.3	5.7	7.0	8.0	6.3	7.3	6.3	6.0	5.0	6.0	6.0	7.0	6.5
PICK-855	7.0	7.3	6.0	6.7	6.7	7.0	7.7	6.3	6.3	6.3	7.3	6.3	8.3	5.7	6.7	5.0	6.3	5.3	4.7	5.3	7.3	6.5
CHAMPAGNE (LTP-621)	7.3	8.0	8.0	6.0	6.0	8.3	7.3	6.0	7.0	7.0	6.0	5.3	8.0	6.0	7.0	3.7	6.0	5.7	5.3	5.0	6.3	6.4
HV 242	8.0	6.3	6.0	6.0	6.7	6.0	8.0	7.0	5.3	6.0	6.3	7.0	8.0	6.3	7.0	6.3	6.0	5.0	5.7	5.0	7.3	6.4
CONNI	7.7	7.0	7.3	6.3	6.0	7.7	7.3	6.7	5.7	6.3	5.0	7.3	8.0	5.0	7.0	5.3	6.0	6.0	5.0	6.0	6.7	6.4
SIDEKICK	7.7	7.3	4.3	6.3	6.0	7.0	7.3	6.3	6.7	6.7	6.0	7.0	8.7	6.0	7.0	5.3	6.7	5.0	4.7	6.3	6.7	6.4
SR 2109	7.3	7.0	4.7	6.7	6.3	7.0	7.3	6.7	7.0	6.0	6.3	6.7	8.0	6.0	6.7	5.0	6.0	6.0	5.0	7.0	5.7	6.4
ALLURE	7.7	7.3	6.0	6.3	5.7	7.3	7.0	6.7	6.7	7.0	5.7	6.3	8.0	6.3	7.0	3.7	6.7	5.3	4.7	5.7	7.0	6.4
NJ-54	7.7	7.3	7.7	6.0	6.3	6.7	7.7	7.0	6.0	6.3	6.3	6.0	8.0	5.7	7.0	3.7	6.0	5.0	5.7	5.3	6.3	6.4
COVENTRY	8.0	7.0	5.3	6.3	5.3	6.7	7.3	7.7	6.0	7.0	6.0	5.7	8.3	6.3	7.3	4.3	6.0	4.3	5.7	6.0	6.7	6.3
NJ-GD	7.7	7.0	6.0	6.3	6.0	7.7	6.7	7.0	7.0	6.3	5.7	6.0	8.3	5.7	7.0	3.7	6.3	5.0	6.3	5.3	6.3	6.3
JEFFERSON	7.7	7.0	6.7	7.0	6.0	7.0	6.7	6.7	6.3	7.0	6.0	6.3	8.0	5.3	7.0	3.0	6.0	5.0	6.0	5.3	7.0	6.3
LTP-620	7.3	7.3	6.3	5.7	6.7	7.7	7.7	6.0	6.3	6.3	6.3	5.7	8.0	5.7	6.7	4.7	5.7	5.3	5.7	5.0	6.3	6.3
CHATEAU	7.3	7.0	5.3	6.3	5.7	7.0	7.0	7.0	6.7	6.7	5.7	6.3	8.3	5.7	7.3	5.0	6.0	5.0	5.0	5.3	6.7	6.3
LIMOUSINE	7.3	6.0	7.0	6.7	6.3	6.0	7.0	7.0	6.3	6.0	6.0	6.3	8.0	6.0	7.7	5.3	6.0	5.3	3.3	6.0	6.7	6.3
BA 75-490	7.7	7.0	5.0	6.0	6.3	7.7	6.7	6.0	6.7	6.0	7.3	7.0	8.0	5.3	7.0	3.3	6.3	5.0	6.0	4.7	7.0	6.3
JEWEL (BA 81-227)	7.7	7.3	5.0	6.0	6.0	7.0	7.3	7.0	6.0	6.0	5.3	5.7	8.3	6.0	7.0	3.7	6.0	5.0	6.0	6.3	7.0	6.3
PST-BO-165	8.0	8.0	6.3	6.7	5.3	6.7	6.7	6.0	5.3	6.7	5.7	6.7	8.0	6.0	7.0	4.3	6.0	5.0	5.0	5.7	6.7	6.3
SHAMROCK	7.0	7.3	6.3	6.7	6.3	8.0	6.0	6.7	6.7	6.7	6.0	5.7	8.3	5.3	7.0	3.7	6.0	5.3	5.3	5.3	6.0	6.3

TABLE 17. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AB1	IA1	IL2	IN1	KS1	KY1	ME1	MI1	MN1	MD3	NC1	NE1	OH1	OK1	ON1	PA1	QE1	RI1	UT1	VA1	WA1	MEAN
LKB-95	7.3	7.0	5.0	6.0	6.7	7.0	7.3	6.0	6.7	5.7	6.0	7.0	7.7	6.0	7.0	4.0	6.3	5.3	5.3	6.0	6.0	6.3
CALIBER	7.3	6.3	5.7	6.0	6.3	7.0	7.3	6.7	6.0	6.3	5.3	7.0	8.0	5.7	6.7	4.0	6.0	5.7	6.0	5.0	6.3	6.2
BA 81-270	8.0	7.0	5.7	6.7	5.7	6.7	7.7	6.0	6.3	6.3	4.7	6.0	8.0	5.3	6.7	3.7	6.0	5.3	4.7	6.0	6.7	6.1
LIVINGSTON	7.7	6.7	5.3	5.3	6.0	7.0	6.3	7.0	5.7	6.0	6.3	5.7	8.0	6.0	6.7	5.3	6.0	5.3	5.0	6.0	5.7	6.1
BARONIE	7.3	7.3	5.3	6.0	5.0	7.3	7.3	5.3	6.7	6.0	5.7	6.3	8.3	5.0	7.3	4.0	6.7	4.7	4.3	5.7	7.0	6.1
SRX 2205	6.7	8.0	4.3	5.3	6.7	6.3	6.7	5.0	5.0	5.7	6.3	6.7	8.0	6.0	7.0	5.0	6.0	5.3	5.7	6.7	6.3	6.1
NJ 1190	8.0	6.7	5.0	6.0	6.0	7.0	6.7	6.0	6.0	6.0	6.3	6.3	8.7	6.0	7.0	4.0	6.3	5.0	4.7	5.0	5.7	6.1
BA 76-197	7.7	7.3	5.3	5.7	6.3	6.3	6.3	5.0	5.7	6.0	6.0	5.3	8.0	5.3	7.0	4.7	5.7	4.7	4.7	6.0	6.7	6.0
HAGA	7.0	7.0	7.3	5.3	5.3	6.7	6.3	5.7	6.3	6.0	5.7	5.3	8.0	5.3	7.0	4.0	6.0	5.3	4.7	5.3	6.0	6.0
NIMBUS	7.3	7.0	3.0	6.0	6.0	6.3	7.3	4.7	5.7	6.3	5.7	5.7	8.0	5.3	7.0	4.3	6.0	5.0	4.7	6.3	5.3	5.9
CLASSIC	7.0	6.7	5.3	6.7	5.3	7.3	6.0	5.7	6.0	6.0	5.3	5.3	8.3	5.3	7.0	3.3	5.7	3.3	5.0	6.0	6.0	5.8
KENBLUE	6.0	5.7	9.0	5.3	4.7	6.0	6.3	5.3	5.3	5.7	7.0	5.3	7.0	5.0	6.7	3.3	6.3	5.0	4.7	5.0	5.7	5.7
BAR VB 3115B	7.0	6.3	7.7	5.3	5.0	6.3	6.0	6.0	6.0	5.3	6.3	5.3	8.0	5.0	6.3	3.0	6.0	4.3	4.3	4.7	4.7	5.7
COMPACT	7.3	6.7	5.0	4.7	5.0	6.7	7.0	5.3	4.7	6.3	6.0	5.3	7.3	5.0	6.3	2.0	6.0	5.3	4.3	4.7	5.0	5.5
LSD VALUE	0.9	1.2	1.9	1.0	0.8	0.8	1.4	1.2	0.8	1.0	1.4	0.8	0.7	0.8	0.9	1.0	0.8	0.8	1.7	0.9	1.0	0.2
C.V. (%)	7.0	9.9	21.2	9.6	7.8	7.1	11.6	11.1	7.9	8.8	14.0	7.3	5.3	8.1	8.0	11.5	8.3	8.6	18.4	9.1	8.7	10.1

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.

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

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

NAME	AB1	IA1	IL1	IN1	KSL	MI1	MN1	MO1	MO3	NE1	OH1	OK1	PA1	RI1	VA1	WA1	MEAN
BA 75-490	4.7	7.7	6.7	6.7	5.7	6.7	7.0	5.7	7.3	7.3	6.3	6.7	7.0	7.3	4.7	7.7	6.6
KENBLUE	5.0	8.0	7.0	6.3	5.3	6.0	7.3	4.3	7.7	6.3	6.7	6.7	8.3	7.0	3.3	6.0	6.3
SHAMROCK	5.0	8.0	7.3	6.7	6.3	4.7	5.7	4.3	7.0	7.7	7.0	6.0	6.3	7.0	5.7	6.0	6.3
CHAMPAGNE (LTP-621)	5.0	7.0	6.0	6.3	6.7	3.3	7.0	4.7	8.3	7.0	7.0	6.3	6.3	7.3	5.7	6.3	6.3
NJ-GD	4.3	7.3	7.3	6.0	7.0	4.0	6.0	5.0	6.3	8.0	7.0	6.0	6.0	7.0	5.7	7.0	6.3
BLACKSTONE (PST-638)	5.0	6.7	6.7	6.7	6.0	5.7	6.7	4.0	5.7	6.7	7.3	5.7	6.0	8.3	5.7	5.7	6.1
ZPS-2183	5.0	8.0	6.3	5.0	7.0	5.3	5.7	5.3	5.0	7.0	7.0	6.3	5.0	6.7	7.0	5.7	6.1
JEFFERSON	4.3	6.3	6.7	6.3	6.7	5.3	6.3	3.7	5.7	6.7	7.0	6.3	6.7	7.3	5.3	6.3	6.1
NJ 1190	4.7	8.0	7.0	5.7	6.0	6.0	6.0	5.0	5.7	8.0	7.0	6.0	5.0	6.3	4.3	6.0	6.0
CARDIFF	4.7	7.0	6.3	5.3	7.0	4.0	5.7	4.7	5.7	6.7	7.0	6.0	7.7	7.0	4.0	6.7	6.0
VB 16015	5.0	6.7	5.7	6.0	6.3	4.3	6.0	5.0	6.3	7.3	7.3	5.3	6.7	5.7	5.7	5.7	5.9
A88-744	4.7	7.7	7.7	5.7	6.7	4.0	6.7	4.0	4.0	7.0	7.0	5.7	3.7	6.7	6.7	6.7	5.9
BARONIE	4.7	7.0	7.3	6.0	6.0	3.3	7.0	4.7	6.0	5.3	7.0	6.0	5.3	6.0	6.7	6.0	5.9
LTP-620	4.3	6.7	7.3	5.0	6.0	4.0	6.3	4.0	6.0	7.3	7.0	6.3	6.3	6.7	5.0	6.0	5.9
H86-690	4.3	7.3	5.7	5.7	5.7	4.3	6.7	3.7	6.3	7.0	7.0	6.0	7.0	7.3	5.0	5.3	5.9
BA 81-058	4.7	7.0	6.7	5.7	6.3	3.7	6.0	4.7	4.7	6.3	7.0	6.0	5.0	6.7	6.3	6.0	5.8
CLASSIC	4.3	7.0	6.3	6.0	6.0	4.7	5.7	4.3	5.7	5.3	7.0	6.0	5.3	6.0	6.3	6.0	5.8
DRAGON (ZPS-429)	5.0	6.3	6.0	5.7	6.3	3.7	5.3	4.3	7.0	7.0	7.3	6.0	3.3	7.0	5.3	6.3	5.8
HAGA	4.3	7.3	5.7	6.0	6.3	4.3	6.0	4.0	5.0	6.3	7.0	6.0	4.7	6.7	6.0	6.0	5.7
SR 2109	3.3	6.3	5.7	6.3	5.3	3.3	6.3	4.3	5.0	6.3	7.0	6.0	6.0	7.7	6.7	5.7	5.7
LIVINGSTON	4.7	7.0	7.0	5.7	6.0	4.3	5.3	4.0	5.3	5.7	7.0	5.7	5.3	6.7	5.7	4.7	5.6
ALLURE	5.3	6.7	7.3	5.7	6.0	3.7	5.3	4.0	5.3	6.3	7.0	5.3	4.3	6.0	6.0	5.7	5.6
NIMBUS	5.0	6.3	6.0	5.7	6.0	3.3	5.0	4.3	4.7	5.7	7.0	6.0	6.0	7.7	5.3	5.7	5.6
ABSOLUTE (MED-1497)	4.7	7.0	6.0	5.3	5.7	2.7	5.7	4.7	4.7	6.7	7.7	5.0	4.7	7.0	7.3	5.0	5.6
CHALLENGER	4.7	7.7	5.0	5.3	6.0	3.0	5.7	4.7	5.0	6.7	7.0	6.0	7.3	6.0	4.0	5.7	5.6
UNIQUE	4.3	7.7	5.7	4.3	5.7	2.3	6.7	3.0	6.0	6.3	8.0	6.0	4.3	6.7	6.7	5.7	5.6
CALIBER	4.3	8.0	5.7	5.7	6.0	3.7	5.0	4.0	5.7	7.0	7.0	6.0	6.3	6.0	4.3	4.7	5.6
BRILLIANT (PST-B2-42)	4.3	7.3	5.3	4.3	6.7	3.0	7.0	2.7	5.7	6.3	7.7	6.0	3.3	6.0	7.3	6.3	5.6
ECLIPSE	4.3	6.7	5.7	5.7	6.3	4.0	5.0	3.7	5.3	6.3	7.3	6.0	4.7	6.3	6.3	4.7	5.5
LKB-95	4.0	6.7	6.7	3.7	6.3	3.7	6.7	3.3	5.0	5.7	7.0	5.7	5.3	7.0	6.0	5.7	5.5
SIDEKICK	4.3	6.3	5.3	6.3	5.7	2.7	6.3	4.3	5.7	5.7	7.0	5.7	3.7	6.7	6.3	6.3	5.5
JEWEL (BA 81-227)	5.0	6.3	5.7	5.7	6.0	4.0	4.7	3.7	5.0	6.3	7.0	6.0	5.0	6.0	6.3	5.3	5.5
NJ-54	4.3	6.3	6.3	5.0	6.0	4.0	5.0	4.3	5.0	5.7	7.0	6.0	5.3	7.0	5.3	5.3	5.5
BA 75-163	4.7	6.0	5.7	5.0	6.3	4.7	5.0	3.0	5.3	7.3	7.7	6.0	4.7	5.3	6.0	5.0	5.5
SHOWCASE (PST-BO-141)	4.3	6.3	5.7	4.3	6.0	3.3	7.0	3.0	6.0	6.3	7.7	5.7	3.7	5.7	6.7	5.7	5.5
AMERICA	4.0	6.0	5.3	5.3	5.7	3.3	7.0	3.0	6.3	6.3	7.0	5.7	3.7	6.3	6.7	5.7	5.5
APOLLO (PST-B3-180)	4.0	6.7	5.7	4.3	6.7	2.3	7.0	2.7	5.3	6.0	8.3	5.7	3.3	6.7	6.7	6.0	5.5
LIPOA	4.0	6.0	5.7	5.0	6.3	4.3	4.0	5.7	5.3	6.7	7.3	6.0	4.3	6.0	5.3	5.3	5.5
PICK 8	4.0	7.0	6.7	5.7	5.7	3.3	4.0	3.7	4.7	6.3	7.0	6.0	5.0	7.3	6.0	4.7	5.4
PICK-855	4.3	6.7	7.0	6.0	6.3	3.7	5.0	4.3	5.0	6.0	7.7	6.0	4.7	6.3	4.0	4.0	5.4
MISTY (BA 76-372)	4.7	6.3	6.3	5.7	6.3	3.7	6.3	4.0	4.7	5.7	7.0	6.0	3.3	7.0	5.0	5.0	5.4
COVENTRY	5.3	7.3	5.3	5.7	5.7	2.3	5.3	4.0	4.7	6.7	7.0	6.0	4.3	5.7	6.0	5.3	5.4
BLACKSBURG	4.7	6.0	6.0	4.3	6.3	3.7	4.7	4.3	4.7	7.0	7.3	6.0	3.3	7.0	6.7	4.3	5.4
SODNET	5.0	7.3	5.7	4.0	5.0	4.7	5.7	3.7	5.7	6.0	7.3	6.0	3.7	6.3	6.0	4.3	5.4

TABLE 18. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	AB1	IA1	IL1	IN1	KSL	MI1	MN1	MO1	MO3	NE1	OH1	OK1	PA1	RI1	VA1	WA1	MEAN
SR 2000	4.7	7.0	6.0	5.3	5.7	2.7	5.7	4.0	5.0	7.0	7.3	5.0	2.3	6.7	6.7	5.0	5.4
BA 81-113	5.0	6.7	6.0	4.7	6.0	5.3	5.0	3.3	3.7	6.3	7.0	5.0	3.7	6.7	6.3	5.3	5.4
BA 81-220	5.0	6.3	5.7	5.0	4.3	4.3	5.7	3.3	4.0	7.0	7.0	5.7	4.3	6.7	6.7	5.0	5.4
BARTITIA	5.0	6.3	5.3	5.7	5.0	3.7	5.3	4.0	5.0	6.0	7.0	5.7	5.0	5.3	6.7	5.0	5.4
BAR VB 233	4.0	5.3	6.0	5.3	5.7	4.0	5.0	4.3	6.0	7.3	7.0	6.0	3.3	5.7	6.0	4.7	5.4
CHATEAU	4.3	6.7	5.7	5.7	6.3	3.3	4.7	3.3	5.0	7.0	7.0	6.0	2.7	5.7	6.3	6.0	5.4
PST-BO-165	4.7	7.0	5.0	5.3	6.3	3.3	5.3	3.7	4.7	6.7	7.0	5.7	4.7	5.7	5.7	5.0	5.4
ZPS-309	4.7	5.3	6.0	5.3	5.7	3.7	5.0	5.0	5.7	6.0	7.0	6.3	3.7	6.3	4.7	5.3	5.4
ABBEY	4.7	7.0	5.3	5.0	5.3	4.3	5.7	3.0	4.3	7.0	7.0	5.3	4.3	6.0	6.3	4.7	5.3
CHICAGO (J-2582)	4.3	6.0	6.0	4.7	5.7	3.3	5.3	3.7	5.0	6.7	7.0	5.7	.	6.0	5.7	5.0	5.3
RAMBO (J-2579)	4.3	6.0	5.3	4.3	5.7	3.0	5.3	4.3	4.7	6.7	7.0	5.7	5.3	6.0	6.0	5.7	5.3
MARQUIS	5.0	6.7	6.3	4.0	5.7	5.0	5.0	2.7	4.0	5.0	7.0	5.7	3.7	6.7	6.7	5.7	5.3
BARIRIS (BAR VB 5649)	4.3	5.3	5.7	5.0	6.3	3.0	5.0	4.3	6.3	6.3	7.0	6.3	3.0	6.0	6.0	4.7	5.3
WILDWOOD	5.0	5.7	5.3	5.0	5.7	3.3	5.3	3.3	4.0	6.0	8.3	5.3	3.3	6.7	7.0	5.3	5.3
LIMOUSINE	5.0	6.7	6.7	5.3	6.3	3.0	4.7	4.0	4.3	5.7	7.0	5.7	4.0	6.3	4.3	5.7	5.3
EXPLORER (PICK-3561)	4.7	6.3	5.3	4.3	5.7	3.0	4.3	4.3	4.3	6.0	7.0	6.0	.	6.3	6.0	5.7	5.3
HV 242	4.0	5.0	6.0	5.0	7.0	4.0	5.0	4.7	5.7	6.7	7.0	6.0	3.7	5.0	5.0	4.7	5.3
MOONLIGHT (PST-A418)	4.3	6.0	5.7	4.0	5.7	3.3	5.3	3.3	5.0	7.7	8.0	5.7	2.0	6.7	7.0	4.7	5.3
RAVEN	4.3	6.7	6.0	4.7	5.3	4.3	5.0	3.7	3.7	6.3	7.3	6.0	4.0	6.7	6.7	3.7	5.3
BLUECHIP (MED-1991)	4.3	6.7	5.0	3.7	5.7	4.3	5.3	3.3	4.7	6.7	7.0	5.7	3.0	6.7	7.0	5.0	5.3
ARCADIA (J-1936)	4.0	6.3	6.0	4.0	5.7	3.0	4.3	3.7	4.7	7.3	7.0	5.7	.	6.3	6.0	4.3	5.2
BA 70-060	4.3	6.0	5.7	5.7	5.3	3.7	4.7	3.0	4.0	6.0	7.0	5.7	3.7	7.0	6.7	5.0	5.2
FORTUNA	4.3	6.0	5.0	4.7	6.0	4.3	5.0	3.3	4.3	6.0	7.0	6.0	4.3	5.7	6.7	4.7	5.2
GLADE	4.3	6.7	5.7	4.0	6.0	3.0	3.7	4.0	4.3	6.7	7.3	6.0	4.7	6.7	6.0	4.3	5.2
J-1555	4.0	6.7	5.3	4.0	5.7	3.3	5.3	3.7	5.0	6.7	7.0	5.3	.	6.7	4.0	5.3	5.2
BA 73-373	5.0	6.3	6.0	5.0	5.3	4.3	5.0	3.0	4.0	6.0	7.0	6.0	3.3	5.0	6.7	4.7	5.2
BA 81-270	3.7	6.7	5.0	5.7	6.0	3.0	4.7	3.7	5.0	7.3	7.0	6.0	1.7	6.0	6.7	4.7	5.2
HV 130	4.7	5.7	6.3	5.0	5.7	3.0	4.7	3.7	4.3	5.0	7.7	5.0	3.3	7.3	6.7	4.7	5.2
QUANTUM LEAP (J-1567)	4.0	7.0	5.0	3.7	5.0	3.7	4.7	4.0	4.7	6.3	7.7	5.7	5.0	5.7	7.0	3.7	5.2
PST-P46	4.0	6.3	5.0	4.7	5.3	3.0	5.3	3.7	4.7	5.3	8.0	5.3	3.3	6.7	6.3	5.3	5.1
BAR VB 3115B	4.0	7.0	5.7	4.3	6.0	2.7	4.7	4.3	4.0	6.0	7.0	5.3	5.0	6.7	4.7	4.7	5.1
BARUZO	4.3	6.7	5.7	4.7	4.7	3.3	4.3	4.0	5.3	6.0	7.0	5.7	3.7	6.0	6.0	4.7	5.1
NUGLADE	4.7	6.7	4.7	3.7	5.0	2.7	4.7	2.7	4.0	6.3	8.3	5.7	6.0	6.3	7.0	3.7	5.1
SERENE (PST-A7-245A)	4.7	6.3	6.3	5.0	6.0	2.3	4.3	4.0	5.0	7.0	7.0	5.7	3.3	5.0	5.3	4.7	5.1
RUGBY II (MED-18)	4.0	6.0	5.0	3.7	4.7	3.3	4.3	2.7	4.0	7.7	8.0	5.3	5.7	6.0	7.3	4.3	5.1
MED-1580	4.7	6.3	6.3	3.7	6.0	3.3	4.7	2.7	5.0	5.7	7.0	5.3	.	6.7	5.3	4.0	5.1
BA 77-702	4.3	6.0	5.3	4.0	5.7	3.7	4.7	3.3	4.0	6.0	7.3	6.0	3.7	6.0	6.7	5.0	5.1
AWARD	4.0	7.7	5.7	3.3	5.0	2.3	4.3	2.3	4.3	7.0	7.7	5.0	4.7	6.0	7.0	5.0	5.1
PRINCETON 105	3.7	7.0	4.7	3.3	6.3	2.7	6.0	3.0	4.7	7.0	7.3	5.3	4.7	7.0	4.3	4.3	5.1
SR 2100	4.3	6.7	5.7	4.3	5.7	2.7	4.3	4.0	4.7	7.3	7.0	5.0	3.0	5.7	6.3	4.3	5.1
IMPACT (J-1576)	4.0	7.0	5.7	3.3	4.7	2.7	4.3	3.0	3.7	6.0	8.0	5.3	5.7	5.7	7.0	4.7	5.0
TOTAL ECLIPSE (TCR-1738)	4.3	6.7	5.3	3.3	5.0	2.3	4.3	3.3	4.0	7.0	8.3	5.3	4.7	5.3	7.3	4.0	5.0
NUSTAR	4.7	6.3	4.0	3.3	6.3	3.3	4.0	3.0	4.3	6.7	7.0	6.0	3.3	6.0	6.3	5.7	5.0
ODYSSEY (J-1561)	4.7	5.7	4.7	4.0	5.7	3.0	5.3	2.7	4.0	6.0	8.0	5.3	4.3	6.0	7.0	4.0	5.0
ENVICTA (BA 75-173)	4.3	6.0	4.7	4.7	5.7	4.0	4.7	2.7	3.7	7.0	7.0	5.7	3.0	6.7	6.7	4.0	5.0

TABLE 18. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	AB1	IA1	IL1	IN1	KSL	MI1	MN1	MO1	MO3	NE1	OH1	OK1	PA1	RI1	VA1	WA1	MEAN
LIBERATOR (ZPS-2572)	4.7	6.7	5.7	4.0	4.7	2.7	4.3	2.3	4.0	6.3	8.3	5.0	4.7	6.0	7.3	3.3	5.0
PLATINI	4.0	5.3	4.7	4.7	6.0	3.0	4.7	4.0	5.3	6.7	6.7	6.0	3.7	5.3	5.7	4.3	5.0
SEABRING (BA 79-260)	4.0	6.7	4.7	3.7	5.0	3.0	5.7	3.3	4.0	6.7	8.3	5.0	1.7	6.3	6.7	4.7	5.0
COMPACT	3.7	5.7	5.7	5.3	6.3	2.3	5.0	3.7	5.0	5.7	6.3	6.0	3.3	6.0	4.3	5.0	5.0
BARON	4.3	6.7	5.7	4.3	6.0	4.0	4.7	2.7	3.3	5.7	7.0	5.7	2.3	5.7	6.3	4.7	4.9
SRX 2205	4.0	6.0	5.7	3.3	4.7	3.3	4.3	3.7	4.0	6.0	7.0	5.7	4.0	6.3	6.7	4.3	4.9
CONNI	4.3	5.3	6.0	4.7	5.7	1.7	4.0	3.3	5.0	5.3	7.0	5.3	3.0	7.0	6.3	4.7	4.9
GOLDRUSH (BA 87-102)	4.3	6.3	5.0	3.3	5.3	3.3	4.3	3.3	3.3	6.3	7.0	5.3	3.7	6.3	7.0	3.7	4.9
ASCOT	4.7	6.3	6.0	4.3	5.3	2.3	3.7	3.3	4.7	6.0	7.3	5.0	2.0	5.7	6.7	4.3	4.9
BA 76-197	4.3	6.0	5.0	4.3	5.7	3.3	5.0	2.7	3.0	5.7	7.0	5.7	5.0	4.0	6.0	5.0	4.9
MIDNIGHT	4.3	6.3	5.0	3.0	4.3	3.3	4.3	2.3	4.3	6.0	8.7	5.3	4.7	5.0	7.3	3.3	4.9
BAR VB 6820	4.0	5.7	4.0	3.3	4.7	4.7	4.3	3.0	6.0	6.3	7.3	5.3	2.7	5.0	4.7	3.7	4.7
PEPAYA (DP 37-192)	3.7	6.0	3.3	3.3	5.0	3.7	3.7	2.7	4.3	5.3	7.0	5.3	4.3	6.0	6.7	3.7	4.6
NORTH STAR (PST-A7-60)	4.3	5.3	4.0	2.7	4.7	1.7	4.0	3.0	2.7	4.7	7.7	5.7	1.7	6.7	6.7	2.3	4.2
LSD VALUE	1.0	1.2	1.6	1.1	1.4	1.3	0.9	1.1	1.3	1.3	0.6	0.7	1.9	1.0	1.2	1.3	0.3
C.V. (%)	14.1	11.6	17.2	14.2	14.9	23.1	10.7	17.7	16.8	12.5	5.0	7.5	26.7	10.2	12.6	16.2	14.1

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 19.

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

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/																
	AB1	IA1	IL2	IN1	KY1	MI1	MN1	MO3	NC1	NE1	NJ2	OH1	OK1	QE1	RI1	WA1	MEAN
LIMOUSINE	8.7	8.0	6.0	7.7	8.7	6.3	7.3	6.7	7.3	9.0	8.7	5.7	7.3	7.0	7.7	7.0	7.4
PICK-855	7.3	8.3	5.0	7.3	8.7	7.3	8.0	7.7	8.0	8.7	7.3	5.7	7.3	7.3	6.7	6.3	7.3
NORTH STAR (PST-A7-60)	7.7	8.0	6.0	7.3	9.0	6.0	7.3	7.3	7.3	8.3	7.7	6.0	7.7	7.0	7.0	7.0	7.3
WILDWOOD	7.7	8.7	6.7	7.0	8.0	7.3	7.0	8.0	6.3	8.7	8.0	5.0	7.3	6.7	6.7	6.7	7.2
LKB-95	8.0	8.3	3.7	7.3	8.0	8.0	7.3	7.3	8.3	9.0	7.3	5.0	7.3	7.0	6.3	6.7	7.2
BRILLIANT (PST-B2-42)	7.7	8.0	7.7	7.3	9.0	6.0	6.3	6.3	8.7	8.7	5.7	6.0	7.0	7.0	7.0	6.0	7.1
APOLLO (PST-B3-180)	7.3	8.0	7.7	7.7	9.0	6.3	6.0	5.7	8.3	8.7	5.7	6.3	7.0	7.0	7.0	6.0	7.1
RAMBO (J-2579)	9.0	8.0	5.7	7.3	7.7	6.0	6.3	7.0	7.3	9.0	6.7	5.7	7.7	7.3	6.3	6.3	7.1
BARTITIA	8.0	8.3	8.3	6.7	7.0	7.0	7.7	6.3	6.3	8.7	6.7	5.3	7.0	7.0	6.0	6.7	7.1
KENBLUE	6.7	9.0	1.7	5.7	9.0	6.0	6.0	8.3	7.3	9.0	7.3	6.7	7.3	7.3	6.3	7.7	7.0
UNIQUE	7.7	8.0	6.0	8.0	9.0	6.3	6.0	7.0	8.3	8.7	5.0	4.7	7.0	7.0	6.7	5.7	6.9
SHOWCASE (PST-BO-141)	7.7	8.0	7.0	7.3	9.0	6.0	6.3	6.0	8.3	8.3	5.7	4.7	7.0	7.0	6.7	6.0	6.9
IMPACT (J-1576)	7.7	8.0	8.7	6.7	7.3	5.0	6.7	6.7	7.3	9.0	5.3	5.3	7.3	7.0	6.0	6.7	6.9
NUGLADE	7.7	8.0	8.3	7.0	7.7	5.7	7.0	6.3	7.7	8.7	5.3	5.0	7.0	7.0	6.0	6.3	6.9
GLADE	7.3	8.0	6.3	7.0	8.3	6.7	6.7	7.0	8.3	8.3	4.3	5.3	7.3	7.0	6.0	6.7	6.9
PST-P46	7.7	8.0	7.3	6.3	7.7	7.0	6.7	7.0	6.3	8.3	6.0	5.3	7.3	7.0	6.0	6.3	6.9
SRX 2205	6.7	8.3	6.0	7.3	7.0	6.7	7.3	7.7	8.0	8.0	5.3	5.3	7.0	6.7	6.3	6.0	6.9
TOTAL ECLIPSE (TCR-1738)	7.3	8.0	9.0	6.3	8.0	4.3	6.7	6.3	7.7	8.7	5.3	5.3	7.3	7.0	6.0	6.3	6.9
QUANTUM LEAP (J-1567)	7.3	8.0	8.3	7.0	8.0	5.3	6.3	6.7	7.3	9.0	4.7	5.3	7.0	7.0	5.7	6.3	6.8
MED-1580	7.0	8.0	6.7	7.3	7.3	6.3	6.7	6.3	8.3	8.3	5.3	5.3	7.0	7.0	6.0	6.3	6.8
RUGBY II (MED-18)	7.3	8.0	8.7	5.7	8.3	6.3	6.3	6.3	7.0	9.0	4.7	5.0	7.0	7.0	6.0	6.3	6.8
AWARD	7.3	7.0	7.3	6.3	7.7	5.3	6.7	6.3	7.7	9.0	6.0	5.3	7.0	7.0	6.3	6.7	6.8
AMERICA	7.7	8.0	6.3	7.7	8.7	6.0	6.3	6.0	8.0	8.0	5.3	5.0	7.0	7.0	6.0	5.7	6.8
ODYSSEY (J-1561)	7.0	8.3	8.3	6.0	7.0	5.7	6.3	6.3	8.3	8.3	5.0	5.0	7.0	7.0	6.7	6.3	6.8
MIDNIGHT	7.0	8.0	9.0	6.3	7.7	4.7	6.7	6.0	7.7	8.7	4.7	5.3	7.0	7.0	6.0	7.0	6.8
CONNI	7.3	8.3	4.0	7.3	7.0	6.3	6.7	6.7	8.0	8.3	6.3	5.0	7.0	7.0	6.3	6.7	6.8
BAR VB 6820	8.0	8.0	4.3	8.0	7.0	5.3	6.7	6.0	6.7	8.0	8.0	5.0	7.0	7.0	6.3	6.7	6.8
NUSTAR	7.7	8.0	3.7	6.7	7.7	6.3	6.3	6.7	7.3	9.0	6.0	5.3	7.7	7.0	6.0	6.3	6.7
BLACKSTONE (PST-638)	7.7	8.0	7.7	6.0	6.3	5.3	6.3	6.0	8.0	8.7	5.7	5.7	7.0	7.0	6.0	6.0	6.7
BAR VB 3115B	8.0	8.7	2.3	6.3	7.3	6.7	6.0	7.3	7.7	8.7	6.3	5.7	7.0	7.3	5.7	6.3	6.7
LIBERATOR (ZPS-2572)	7.0	8.0	9.0	6.0	7.7	5.3	6.0	6.3	7.3	8.3	5.0	5.0	7.0	7.0	6.0	6.3	6.7
CHAMPAGNE (LTP-621)	7.3	8.0	5.0	7.0	8.3	5.7	6.3	6.7	7.3	8.0	6.0	5.0	7.3	7.0	6.0	6.3	6.7
LIPOA	7.7	8.0	5.7	6.7	7.7	5.7	8.0	6.0	5.7	8.3	5.0	5.3	7.3	7.0	6.3	6.7	6.7
BAR VB 233	8.0	7.7	6.7	6.7	7.0	6.0	6.3	6.0	7.3	8.3	5.7	5.0	6.7	7.0	5.7	6.7	6.7
EXPLORER (PICK-3561)	8.3	8.0	4.7	7.0	8.3	5.7	6.3	6.3	6.3	8.3	5.7	5.0	7.3	7.0	5.7	6.7	6.7
COMPACT	7.0	7.3	2.7	7.3	7.0	6.3	7.0	8.0	8.3	7.7	6.0	5.0	7.7	7.0	6.0	6.3	6.7
NJ 1190	7.7	8.3	6.0	6.3	7.0	4.7	7.0	5.7	6.3	9.0	6.7	5.3	7.0	7.0	6.3	6.3	6.7
ARCADIA (J-1936)	7.3	8.0	7.0	6.3	8.0	5.3	6.0	6.0	7.7	8.3	5.0	5.0	7.0	7.0	6.0	6.3	6.6
JEFFERSON	7.0	8.0	4.0	6.7	8.7	6.7	6.7	7.0	6.3	8.0	5.7	5.0	7.3	7.0	6.0	6.3	6.6
PICK 8	7.0	8.0	6.7	6.7	6.7	5.0	7.0	7.3	6.7	8.0	6.0	5.0	7.0	7.0	6.3	6.0	6.6
NJ-GD	7.7	8.0	5.3	7.0	7.3	5.0	6.7	5.7	6.7	8.7	7.0	5.0	7.0	6.7	6.0	6.0	6.6
SR 2109	7.3	7.7	4.3	6.7	7.0	6.3	7.0	6.3	7.3	8.3	6.3	5.3	7.0	7.0	6.0	5.7	6.6
ZPS-309	7.7	8.0	6.7	6.3	7.0	7.0	6.0	5.7	8.0	8.3	4.7	5.0	6.3	7.0	5.3	6.7	6.6
HV 242	7.7	8.0	4.3	7.3	7.0	5.3	6.3	5.7	7.0	8.7	6.0	6.0	7.0	7.0	6.0	6.3	6.6

TABLE 19. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE																
	AB1	IA1	IL2	IN1	KY1	MI1	MN1	MO3	NC1	NE1	NJ2	OH1	OK1	QE1	RI1	WA1	MEAN
ASCOT	7.7	8.0	5.7	6.0	7.0	5.7	6.7	5.3	7.7	8.3	6.3	5.0	7.0	7.0	5.7	6.0	6.6
CHICAGO (J-2582)	7.3	8.0	6.3	6.3	7.3	4.7	6.7	6.7	6.7	9.0	4.7	5.0	7.0	7.0	6.0	6.3	6.6
BLACKSBURG	7.7	8.3	5.7	6.7	7.3	5.0	7.0	6.3	6.0	8.3	5.0	4.7	7.0	7.0	6.0	6.3	6.5
PLATINI	7.7	8.0	6.3	6.0	6.7	5.7	6.0	5.7	6.3	9.0	5.3	5.3	7.0	7.0	5.7	6.7	6.5
SHAMROCK	7.3	8.3	6.0	6.7	7.0	5.7	6.0	5.7	6.0	8.7	5.7	5.0	7.0	7.0	5.7	6.3	6.5
CALIBER	8.0	8.0	4.3	6.3	8.0	5.7	6.0	6.3	7.0	7.7	5.3	5.3	7.0	7.0	6.0	6.0	6.5
CARDIFF	7.0	8.0	5.3	5.7	8.3	4.7	6.7	5.7	6.7	8.0	5.3	5.0	7.0	7.0	6.3	7.0	6.5
ABSOLUTE (MED-1497)	7.3	8.0	8.3	6.3	7.3	4.3	6.0	6.0	7.0	8.7	3.3	5.3	7.3	7.0	5.3	6.0	6.5
J-1555	7.7	8.0	4.7	6.3	7.7	5.7	6.0	6.7	6.3	8.7	5.0	5.0	7.0	6.7	6.0	6.0	6.5
HAGA	7.7	8.0	3.3	6.3	7.7	7.0	6.3	6.7	6.0	7.7	5.3	5.0	7.3	7.0	6.0	5.7	6.4
BARIRIS (BAR VB 5649)	7.3	8.0	4.3	6.7	7.0	5.3	6.0	6.3	7.3	8.7	5.3	5.0	6.7	7.0	5.7	6.0	6.4
ECLIPSE	7.0	8.0	5.7	6.0	7.7	5.3	6.0	6.3	6.0	8.0	5.7	5.3	7.0	7.3	6.0	5.3	6.4
SODNET	7.0	8.3	6.3	6.3	6.7	5.3	6.7	6.0	6.7	7.3	5.3	4.7	7.0	7.0	6.0	5.7	6.4
BA 75-490	7.0	8.0	4.7	6.3	7.3	6.0	6.3	6.0	7.0	7.7	5.0	5.0	7.3	7.0	6.0	5.3	6.4
BARUZO	7.3	8.3	4.3	5.3	7.7	7.3	6.0	5.7	6.0	7.7	3.7	5.3	7.0	7.0	6.0	7.0	6.4
PRINCETON 105	7.0	8.0	3.7	6.3	7.0	4.0	6.7	6.7	7.7	8.3	5.0	5.7	7.0	7.0	5.7	6.0	6.4
HV 130	7.0	8.0	5.3	6.7	6.0	5.3	6.3	6.3	7.3	8.7	2.7	6.0	7.3	7.0	5.3	6.0	6.3
BLUECHIP (MED-1991)	7.7	8.0	6.7	6.3	6.0	5.0	6.0	5.7	6.7	8.7	2.3	5.0	7.7	7.0	6.0	6.0	6.3
LTP-620	7.7	8.0	3.3	6.0	7.3	5.7	6.0	5.3	6.7	8.3	4.7	5.3	7.0	7.0	6.0	6.3	6.3
PEPAYA (DP 37-192)	7.7	8.0	7.0	5.0	7.0	4.7	6.3	5.0	7.3	7.7	4.3	5.0	7.0	7.0	5.3	6.3	6.3
H86-690	7.0	8.0	6.0	6.0	7.3	5.7	6.3	4.7	6.3	7.0	5.0	5.0	7.0	7.0	6.0	6.0	6.3
NJ-54	7.3	8.0	5.3	6.7	5.7	4.7	6.3	5.3	7.3	8.7	4.7	5.0	7.3	7.0	6.0	5.0	6.3
SEABRING (BA 79-260)	7.0	8.0	7.0	5.3	7.0	6.3	6.0	5.7	5.7	7.0	5.0	4.7	7.0	7.0	5.7	5.7	6.3
LIVINGSTON	7.0	8.0	4.0	6.3	7.3	6.3	6.0	6.3	6.0	8.3	5.0	5.0	7.0	6.7	5.3	5.3	6.3
BA 76-197	6.7	8.0	6.3	6.7	6.0	5.0	6.3	5.0	6.3	7.7	5.0	4.7	7.3	7.0	6.0	5.7	6.2
MOONLIGHT (PST-A418)	7.0	8.0	9.0	5.7	6.7	3.7	5.7	6.0	6.3	7.7	4.0	5.0	7.0	7.0	6.0	5.0	6.2
BA 75-163	7.0	8.0	5.7	4.7	7.7	5.0	6.0	5.7	7.3	7.7	4.7	5.0	7.0	7.0	5.7	5.3	6.2
BARON	7.3	8.0	6.3	6.3	6.0	5.3	6.0	5.0	6.7	8.0	2.3	5.0	7.3	7.0	6.0	6.3	6.2
FORTUNA	7.0	8.0	5.7	6.7	7.0	4.3	6.0	5.3	6.7	8.0	2.0	5.0	7.3	7.0	6.0	6.3	6.1
GOLDRUSH (BA 87-102)	7.3	8.0	6.3	6.3	7.0	4.7	6.0	5.7	6.0	7.3	3.0	4.7	7.3	7.0	5.7	6.0	6.1
VB 16015	7.0	8.0	6.0	5.0	6.7	5.0	6.7	5.0	7.0	7.3	4.7	5.0	6.7	7.0	6.0	5.3	6.1
CHALLENGER	7.3	8.3	3.7	5.3	7.3	4.0	6.3	5.7	6.3	8.7	4.7	5.0	7.0	7.0	5.7	5.7	6.1
MARQUIS	7.7	8.0	7.0	6.7	6.0	4.0	6.3	5.0	6.7	8.0	2.3	4.7	7.0	7.0	6.0	5.7	6.1
CLASSIC	7.0	8.0	3.7	6.0	8.0	6.0	6.0	5.7	5.7	7.7	4.0	5.0	7.3	7.0	5.3	5.7	6.1
BA 81-058	7.0	8.0	5.3	6.0	7.3	4.3	6.0	6.0	6.3	7.7	3.7	5.0	6.7	7.0	5.7	5.7	6.1
BARONIE	7.0	8.0	3.0	6.0	7.0	5.7	6.0	5.3	5.3	7.7	5.3	5.0	7.0	7.0	6.0	5.7	6.1
ZPS-2183	7.3	7.3	6.7	4.3	6.0	4.0	5.7	5.7	7.3	8.0	4.3	5.0	6.7	7.0	5.7	5.3	6.0
A88-744	7.0	8.0	5.3	4.7	7.0	4.3	6.0	5.3	6.3	7.0	3.7	5.0	7.3	7.0	6.0	6.0	6.0
SERENE (PST-A7-245A)	7.3	7.7	5.0	6.0	7.0	4.0	6.0	5.0	5.7	8.7	3.3	5.0	7.3	7.0	5.3	5.3	6.0
DRAGON (ZPS-429)	7.0	7.7	6.0	4.3	5.7	4.7	6.0	5.3	7.3	7.0	4.0	4.3	7.3	7.0	5.7	5.7	5.9
PST-BO-165	7.3	8.0	5.0	6.0	6.0	3.0	6.0	5.3	5.7	8.0	4.0	5.0	7.0	7.0	5.7	5.0	5.9
ABBEY	7.0	8.0	5.7	6.0	6.3	3.7	6.0	5.0	6.3	7.7	2.0	4.7	7.3	7.0	5.7	5.3	5.9
NIMBUS	7.0	7.7	6.3	4.7	6.3	3.0	6.3	5.0	6.3	8.7	2.3	5.0	7.0	7.0	5.3	5.3	5.8
BA 81-113	7.3	8.0	7.3	4.3	5.3	4.3	5.7	5.3	6.0	7.0	2.0	4.7	7.3	7.0	5.7	5.7	5.8
BA 70-060	7.0	8.0	5.3	5.3	6.0	4.0	5.7	5.0	5.7	7.7	2.0	4.7	7.3	7.0	6.0	6.0	5.8

TABLE 19. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AB1	IA1	IL2	IN1	KY1	MI1	MN1	MO3	NC1	NE1	NJ2	OH1	OK1	QE1	RI1	WA1	MEAN
BA 77-702	7.0	8.0	5.0	5.3	6.7	3.3	6.0	5.0	6.0	8.0	1.3	4.7	7.0	7.0	6.0	6.0	5.8
ENVICTA (BA 75-173)	7.0	8.0	6.3	5.7	5.0	4.0	6.0	5.0	5.7	8.0	1.7	5.0	7.0	6.3	6.0	5.7	5.8
RAVEN	7.0	8.0	6.7	5.3	4.7	3.7	6.0	4.7	5.7	8.7	2.0	5.0	7.3	6.7	5.7	5.3	5.8
ALLURE	7.0	8.0	5.0	5.3	6.0	2.7	5.7	5.3	6.3	8.0	3.3	5.0	6.7	7.0	5.7	5.0	5.8
BA 81-270	7.7	7.7	5.3	6.0	5.3	3.0	5.7	5.0	5.7	8.0	4.3	5.0	7.0	7.0	5.0	4.3	5.8
JEWEL (BA 81-227)	7.0	7.7	4.7	5.7	5.3	2.3	5.3	5.3	6.7	8.3	4.0	5.0	6.7	7.0	5.7	4.7	5.7
MISTY (BA 76-372)	6.7	8.0	5.3	5.0	5.7	4.0	6.0	4.3	5.3	7.7	4.0	4.7	7.0	6.7	5.3	5.7	5.7
BA 81-220	6.7	8.0	5.0	5.3	5.3	3.7	6.0	5.3	5.3	7.7	2.0	5.3	7.0	7.0	6.0	5.3	5.7
CHATEAU	7.7	8.0	4.3	6.0	5.0	3.7	5.3	4.7	5.3	8.3	2.7	5.0	7.0	7.0	5.7	4.7	5.6
BA 73-373	7.3	8.0	5.3	5.3	5.7	3.0	6.0	5.0	5.3	7.7	2.0	4.7	7.0	7.0	5.3	5.7	5.6
COVENTRY	7.0	7.7	4.7	6.0	5.3	3.7	5.3	4.7	5.3	8.0	3.3	4.7	7.0	7.0	5.3	4.7	5.6
SR 2000	7.0	7.3	7.0	3.7	7.0	3.3	5.7	5.0	4.7	7.0	2.3	5.0	7.0	6.7	5.3	4.3	5.5
SR 2100	7.0	7.7	4.7	4.7	5.0	3.0	6.0	4.7	4.7	7.7	1.3	4.7	7.0	7.0	5.0	5.3	5.3
SIDEKICK	7.0	8.0	4.0	4.3	6.3	3.0	5.0	4.3	5.3	7.3	2.7	4.3	6.7	6.3	5.0	4.3	5.3
LSD VALUE	0.8	0.5	1.8	1.1	0.9	1.7	0.7	1.2	1.4	1.0	1.5	0.7	0.6	0.4	0.7	0.8	0.3
C.V. (%)	6.9	4.2	19.8	10.6	7.5	20.4	7.0	13.0	12.6	7.7	20.0	8.3	5.7	3.2	6.9	8.7	10.4

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 20. WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	IA2	NAME	IA2
BAR VB 3115B	8.0	RAMBO (J-2579)	5.0
BA 81-270	6.7	TOTAL ECLIPSE (TCR-1738)	5.0
SERENE (PST-A7-245A)	6.7	WILDWOOD	5.0
COVENTRY	6.3	ABBAY	4.7
KENBLUE	6.3	AWARD	4.7
AMERICA	6.0	BA 77-702	4.7
CHAMPAGNE (LTP-621)	6.0	CARDIFF	4.7
LKB-95	6.0	CHALLENGER	4.7
RUGBY II (MED-18)	6.0	EXPLORER (PICK-3561)	4.7
SIDEKICK	6.0	LIMOUSINE	4.7
BLUECHIP (MED-1991)	5.7	MIDNIGHT	4.7
CLASSIC	5.7	NIMBUS	4.7
MED-1580	5.7	SHAMROCK	4.7
NJ 1190	5.7	SHOWCASE (PST-BO-141)	4.7
NUSTAR	5.7	SODNET	4.7
ODYSSEY (J-1561)	5.7	ARCADIA (J-1936)	4.3
UNIQUE	5.7	ASCOT	4.3
BA 70-060	5.3	BA 73-373	4.3
BA 75-163	5.3	BA 76-197	4.3
BA 75-490	5.3	BA 81-058	4.3
BRILLIANT (PST-B2-42)	5.3	BARON	4.3
CHATEAU	5.3	CALIBER	4.3
COMPACT	5.3	CONNI	4.3
HAGA	5.3	ECLIPSE	4.3
HV 130	5.3	FORTUNA	4.3
JEWEL (BA 81-227)	5.3	IMPACT (J-1576)	4.3
NUGLADE	5.3	MISTY (BA 76-372)	4.3
PICK-855	5.3	NJ-54	4.3
PST-P46	5.3	NJ-GD	4.3
SEABRING (BA 79-260)	5.3	NORTH STAR (PST-A7-60)	4.3
VB 16015	5.3	SR 2100	4.3
A88-744	5.0	SR 2109	4.3
ALLURE	5.0	SRX 2205	4.3
APOLLO (PST-B3-180)	5.0	BA 81-220	4.0
BARONIE	5.0	BAR VB 6820	4.0
BARUZO	5.0	DRAGON (ZPS-429)	4.0
CHICAGO (J-2582)	5.0	H86-690	4.0
ENVICTA (BA 75-173)	5.0	HV 242	4.0
GLADE	5.0	J-1555	4.0
JEFFERSON	5.0	LIPOA	4.0
LIBERATOR (ZPS-2572)	5.0	LIVINGSTON	4.0
MOONLIGHT (PST-A418)	5.0	LTP-620	4.0
PRINCETON 105	5.0	MARQUIS	4.0
QUANTUM LEAP (J-1567)	5.0	PICK 8	4.0

TABLE 20. WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE

NAME	IA2
RAVEN	4.0
ABSOLUTE (MED-1497)	3.7
GOLDRUSH (BA 87-102)	3.7
BA 81-113	3.3
BARTITIA	3.3
BLACKSBURG	3.3
PST-BO-165	3.3
ZPS-2183	3.3
BLACKSTONE (PST-638)	3.0
SR 2000	2.7
PLATINI	2.3
BAR VB 233	2.0
BARIRIS (BAR VB 5649)	2.0
PEPAYA (DP 37-192)	2.0
ZPS-309	1.0
LSD VALUE	1.7
C.V. (%)	22.2

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 21. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								MEAN
	MN1	MO3	NC1	NE1	OK1	ON1	PA1	QE1	
LIMOUSINE	8.0	7.3	4.7	9.0	7.3	7.3	9.0	8.3	7.6
BAR VB 3115B	6.0	7.0	5.7	9.0	7.3	7.0	8.3	8.3	7.3
MIDNIGHT	6.3	8.0	6.3	9.0	8.0	7.3	5.3	8.0	7.3
ODYSSEY (J-1561)	6.3	7.3	6.3	9.0	7.7	7.0	6.7	8.0	7.3
LIBERATOR (ZPS-2572)	5.7	8.0	6.7	9.0	7.3	7.0	6.3	8.0	7.3
PRINCETON 105	6.3	6.3	7.3	9.0	7.3	7.0	6.7	8.0	7.3
TOTAL ECLIPSE (TCR-1738)	6.3	8.3	5.3	8.7	7.7	7.0	6.7	8.0	7.3
AWARD	6.0	6.7	6.7	9.0	8.0	6.7	6.3	8.3	7.2
EXPLORER (PICK-3561)	6.3	6.7	5.3	8.7	7.7	7.3	.	8.3	7.2
NJ 1190	7.3	6.7	4.0	9.0	7.3	7.0	7.3	8.7	7.2
NUGLADE	6.7	7.3	6.0	9.0	8.0	7.0	5.3	8.0	7.2
BRILLIANT (PST-B2-42)	6.3	6.3	7.0	9.0	7.0	7.0	6.7	8.0	7.2
RAMBO (J-2579)	7.3	6.0	5.0	9.0	7.3	7.0	7.7	8.0	7.2
UNIQUE	6.7	5.7	6.7	8.7	7.0	7.0	7.0	8.3	7.1
CHICAGO (J-2582)	6.3	6.0	5.3	8.7	8.0	7.3	.	8.0	7.1
ABSOLUTE (MED-1497)	6.0	7.3	5.0	8.7	7.3	7.3	7.0	8.0	7.1
WILDWOOD	6.7	7.0	5.7	9.0	7.0	7.0	6.3	8.0	7.1
APOLLO (EST-B3-180)	6.3	6.0	7.0	8.7	7.7	7.0	5.3	8.0	7.0
IMPACT (J-1576)	6.3	7.0	5.7	9.0	7.3	7.0	5.7	8.0	7.0
J-1555	6.3	7.0	5.7	8.3	7.0	7.0	.	7.7	7.0
SERENE (EST-A7-245A)	6.0	6.3	5.0	8.7	7.3	7.0	7.7	8.0	7.0
NORTH STAR (PST-A7-60)	5.7	6.7	4.7	8.7	7.7	7.0	7.7	8.0	7.0
AMERICA	6.0	5.7	6.7	8.3	7.3	7.0	6.7	8.0	7.0
RUGBY II (MED-18)	5.7	7.3	5.7	9.0	7.3	7.3	5.3	8.0	7.0
CONNI	5.0	6.7	5.7	8.7	7.0	7.0	7.7	8.0	7.0
COVENTRY	6.0	6.3	6.0	8.3	7.0	7.0	6.3	8.3	6.9
JEWEL (BA 81-227)	5.7	6.0	5.7	8.7	7.3	7.0	7.0	8.0	6.9
PICK 8	5.7	6.3	6.3	8.7	7.7	7.3	5.3	8.0	6.9
QUANTUM LEAP (J-1567)	6.0	7.0	5.7	8.7	7.7	7.0	5.3	8.0	6.9
JEFFERSON	6.0	5.7	6.0	8.7	7.0	7.0	6.3	8.3	6.9
BA 75-490	6.3	6.0	6.3	8.7	7.3	7.0	5.3	8.0	6.9
BA 81-270	6.0	6.3	5.0	9.0	7.3	7.3	6.0	8.0	6.9
ARCADIA (J-1936)	5.7	6.0	5.3	8.7	7.3	7.0	.	8.0	6.9
ALLURE	6.3	6.3	4.7	8.7	7.3	7.0	6.3	8.0	6.8
CARDIFF	5.7	6.0	5.3	8.3	7.0	7.0	7.3	8.0	6.8
MED-1580	5.3	6.0	5.7	8.7	7.0	7.0	.	8.0	6.8
BAR VB 233	6.0	6.0	5.7	9.0	7.3	7.0	5.3	8.0	6.8
CHAMPAGNE (LTP-621)	5.7	5.7	6.3	9.0	7.3	7.0	5.3	8.0	6.8
HAGA	6.0	5.0	6.0	8.3	7.0	7.0	7.0	8.0	6.8
PST-BO-165	5.3	6.7	5.0	9.0	7.3	7.0	6.0	8.0	6.8
SR 2000	6.0	7.0	5.0	8.3	7.3	7.0	5.7	8.0	6.8
SR 2109	5.7	6.0	5.7	8.3	7.0	7.0	6.7	8.0	6.8
BLACKSBURG	5.7	6.7	5.0	8.7	7.7	7.0	5.7	8.0	6.8
BLACKSTONE (PST-638)	6.3	6.3	6.0	8.7	7.0	7.0	5.0	8.0	6.8

TABLE 21. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MN1	MO3	NC1	NE1	OK1	ON1	PA1	QE1	MEAN
CHATEAU	5.0	6.3	5.3	9.0	7.7	7.0	5.7	8.3	6.8
SEABRING (BA 79-260)	6.0	6.3	5.7	8.3	7.3	7.0	5.3	8.0	6.8
BARTITIA	6.3	5.0	5.0	8.3	7.0	7.0	7.0	8.3	6.8
GLADE	5.3	6.3	5.3	8.7	7.0	7.3	6.0	8.0	6.8
PICK-855	6.3	6.7	4.7	8.3	7.0	7.0	6.0	8.0	6.8
SHAMROCK	6.0	5.3	5.0	8.7	7.0	7.0	6.7	8.3	6.8
VB 16015	5.7	6.3	5.7	8.3	7.0	7.0	6.0	8.0	6.8
LIVINGSTON	6.3	6.0	6.3	8.3	7.3	7.0	4.0	8.3	6.7
SHOWCASE (PST-BO-141)	6.7	5.0	6.0	8.3	7.0	7.0	5.7	8.0	6.7
BA 76-197	6.7	6.0	5.0	8.7	6.7	7.0	5.0	8.3	6.7
BARIRIS (BAR VB 5649)	6.3	5.0	6.0	8.7	7.0	7.3	5.0	8.0	6.7
CHALLENGER	5.7	5.7	5.3	9.0	7.0	6.7	6.0	8.0	6.7
PLATINI	5.7	6.0	5.0	9.0	7.0	7.0	5.7	8.0	6.7
NJ-GD	6.3	4.7	5.0	8.7	7.0	7.0	6.7	8.0	6.7
BARONIE	6.0	5.0	5.7	9.0	7.0	7.0	5.3	8.0	6.6
NJ-54	5.3	6.3	4.7	8.7	6.7	7.0	6.3	8.0	6.6
CLASSIC	6.0	4.7	6.3	8.7	7.0	7.0	5.3	8.0	6.6
LKB-95	5.0	6.0	5.3	8.0	7.0	7.0	6.7	8.0	6.6
SODNET	6.3	5.7	5.0	8.0	7.0	7.0	5.7	8.0	6.6
MOONLIGHT (PST-A418)	5.3	6.7	4.3	8.3	7.0	7.0	5.3	8.3	6.5
PST-P46	5.7	5.7	4.3	8.3	7.0	7.0	6.3	8.0	6.5
SR 2100	5.3	5.7	5.7	7.7	7.0	7.3	5.7	8.0	6.5
ECLIPSE	5.3	5.7	5.3	8.7	7.0	6.7	5.7	8.0	6.5
NUSTAR	5.0	5.7	5.3	8.7	7.0	7.0	5.7	8.0	6.5
ZPS-309	5.3	5.7	5.7	8.7	7.3	7.0	4.3	8.0	6.5
COMPACT	5.0	6.0	6.3	8.0	7.0	7.0	4.7	8.0	6.5
ZPS-2183	6.0	6.3	4.3	8.0	6.7	7.0	5.7	8.0	6.5
CALIBER	5.7	5.0	5.0	8.3	7.0	7.3	5.3	8.0	6.5
ASCOT	5.0	5.7	5.3	8.0	7.7	7.0	4.7	8.0	6.4
BA 81-058	6.0	5.7	5.0	8.3	7.0	7.0	4.3	8.0	6.4
BA 81-220	5.0	6.7	5.0	8.3	7.0	7.0	4.3	8.0	6.4
LTP-620	5.7	5.3	5.0	8.0	7.0	7.0	5.3	8.0	6.4
NIMBUS	4.7	5.7	4.7	8.3	7.3	7.0	5.7	8.0	6.4
MISTY (BA 76-372)	6.3	6.0	5.0	8.0	7.7	6.7	3.7	8.0	6.4
ENVICTA (BA 75-173)	5.0	6.7	5.3	8.3	7.0	7.0	3.7	8.0	6.4
FORTUNA	5.0	7.0	5.0	8.0	7.0	7.0	4.0	8.0	6.4
HV 130	5.3	5.7	4.3	8.3	7.0	7.0	5.3	8.0	6.4
LIPOA	5.3	5.7	4.3	8.3	7.0	7.3	5.3	7.7	6.4
ABBAY	5.7	6.3	5.0	8.0	7.0	7.0	3.7	8.0	6.3
BA 73-373	5.0	6.0	4.7	8.0	7.0	7.0	4.3	8.3	6.3
BA 77-702	5.0	6.0	5.0	8.3	7.0	7.0	4.0	8.0	6.3
BARON	5.0	6.3	5.3	8.3	6.7	7.0	3.7	8.0	6.3
DRAGON (ZPS-429)	5.7	7.0	5.0	8.0	7.0	7.0	2.7	8.0	6.3
HV 242	6.0	5.3	5.0	8.7	7.0	7.3	2.7	8.3	6.3
BLUECHIP (MED-1991)	4.7	6.7	5.0	8.3	7.0	7.0	3.3	8.0	6.3

TABLE 21.
(CONT'D)

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MN1	MO3	NC1	NE1	OK1	ON1	PA1	QE1	MEAN
A88-744	4.3	5.3	5.3	8.0	7.0	7.0	5.0	8.0	6.3
BA 75-163	4.7	5.3	4.7	8.3	7.0	7.0	5.0	8.0	6.3
H86-690	4.7	6.0	5.0	8.3	7.0	7.0	4.0	8.0	6.3
RAVEN	5.0	6.7	4.7	8.0	7.0	7.0	4.0	7.7	6.3
SRX 2205	5.3	5.7	5.0	8.3	7.0	7.0	4.0	7.7	6.3
SIDEKICK	5.0	6.0	5.3	8.0	7.0	7.0	3.7	8.0	6.3
GOLDRUSH (BA 87-102)	4.7	6.7	4.7	8.0	6.7	7.0	4.0	8.0	6.2
MARQUIS	4.7	6.3	4.7	8.3	6.7	7.0	4.0	7.7	6.2
BA 70-060	4.0	6.3	5.0	8.0	7.0	7.0	3.7	8.3	6.2
BARUZO	5.0	5.0	5.0	7.7	7.3	7.0	4.7	7.7	6.2
KENBLUE	5.0	6.3	5.7	7.7	6.0	7.0	3.3	7.7	6.1
BAR VB 6820	5.0	4.7	4.7	8.0	6.7	7.0	3.7	8.7	6.0
BA 81-113	4.0	6.0	5.0	8.0	7.0	7.0	3.0	8.0	6.0
PEPAYA (DP 37-192)	4.7	5.3	4.7	6.7	6.3	7.0	3.0	8.3	5.8
LSD VALUE	1.1	1.3	1.3	0.8	0.7	0.4	1.6	0.5	0.4
C.V. (%)	11.6	13.2	14.9	5.7	6.0	3.7	18.1	4.0	9.6

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 22.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/										
	KS1	KY1	MN1	MO3	NC1	NE1	OK1	ON1	QE1	UT1	MEAN
MIDNIGHT	6.7	8.7	7.0	6.0	7.0	9.0	7.3	8.0	7.0	6.7	7.3
TOTAL ECLIPSE (TCR-1738)	6.0	7.7	6.0	7.0	6.7	9.0	7.0	8.0	7.0	6.7	7.1
LIBERATOR (ZPS-2572)	6.3	8.7	6.0	6.0	7.3	9.0	6.7	8.0	7.0	6.0	7.1
NUGLADE	5.7	8.0	6.7	5.7	6.7	9.0	7.7	8.0	7.0	6.3	7.1
ODYSSEY (J-1561)	6.7	8.3	6.0	6.0	6.7	9.0	6.7	8.0	7.0	6.3	7.1
AWARD	6.7	8.3	5.7	5.3	7.0	9.0	7.0	8.0	7.0	6.3	7.0
IMPACT (J-1576)	5.7	8.3	6.3	5.3	6.0	9.0	7.0	8.0	7.0	7.7	7.0
SHOWCASE (PST-BO-141)	6.3	8.7	6.3	4.7	7.3	9.0	6.0	8.0	7.0	6.3	7.0
APOLLO (PST-B3-180)	6.7	8.3	6.0	5.3	6.7	8.7	6.7	7.7	7.0	6.0	6.9
NORTH STAR (PST-A7-60)	7.0	7.0	7.7	4.0	6.3	8.7	5.7	7.7	7.3	7.7	6.9
PICK 8	5.7	8.7	6.0	4.7	6.7	9.0	6.7	8.0	7.0	6.3	6.9
RUGBY II (MED-18)	6.0	8.7	6.0	6.0	6.7	8.7	6.0	8.0	7.0	5.7	6.9
GLADE	6.3	8.7	6.7	4.7	6.0	8.7	5.7	8.0	7.0	6.7	6.8
AMERICA	6.3	8.0	6.0	4.7	6.7	9.0	6.0	8.0	7.0	6.3	6.8
LIMOUSINE	6.7	7.3	7.3	5.0	5.3	8.7	5.3	8.0	7.3	7.0	6.8
PRINCETON 105	6.0	7.7	6.3	5.3	7.3	9.0	5.3	8.0	7.0	6.0	6.8
RAMBO (J-2579)	6.0	7.0	7.0	4.3	7.3	9.0	5.3	8.0	7.0	7.0	6.8
BRILLIANT (PST-E2-42)	6.3	7.7	5.7	4.7	7.3	9.0	6.0	7.7	7.0	6.3	6.8
QUANTUM LEAP (J-1567)	6.0	8.3	6.3	5.0	6.0	9.0	6.0	8.0	7.0	6.0	6.8
BA 81-058	6.0	8.3	6.0	4.3	6.0	9.0	6.0	7.7	7.0	6.7	6.7
ECLIPSE	5.3	8.0	6.0	4.7	6.0	9.0	6.7	8.0	7.0	6.3	6.7
UNIQUE	6.0	7.7	6.0	4.3	6.3	9.0	6.3	7.7	7.0	6.7	6.7
BLACKSTONE (PST-638)	6.0	6.3	6.3	4.7	7.3	9.0	7.0	7.7	7.0	5.3	6.7
BA 75-490	6.0	7.3	6.0	5.7	6.7	9.0	5.0	7.7	7.0	6.0	6.6
ARCADIA (J-1936)	5.3	8.0	6.3	3.7	6.3	9.0	6.7	7.3	7.0	6.3	6.6
BLACKSBURG	6.7	6.3	6.3	4.3	5.3	9.0	6.3	8.0	7.0	6.7	6.6
JEFFERSON	6.0	8.0	6.0	4.0	6.7	8.7	6.0	8.0	7.0	5.7	6.6
BA 73-373	6.3	7.7	5.7	5.0	6.0	8.3	6.3	7.7	7.0	5.7	6.6
CHICAGO (J-2582)	5.7	6.7	6.0	4.7	5.7	9.0	6.7	7.7	7.0	6.7	6.6
ABSOLUTE (MED-1497)	5.7	7.3	6.3	5.0	6.3	8.3	5.7	7.7	7.0	6.3	6.6
EXPLORER (PICK-3561)	6.0	7.7	6.0	5.0	5.3	9.0	5.7	7.7	7.0	6.3	6.6
NUSTAR	5.7	7.7	6.0	4.0	6.7	9.0	6.0	7.7	7.0	6.0	6.6
BARON	5.3	7.7	5.7	5.0	6.3	8.7	5.7	8.0	7.0	6.0	6.5
ALLURE	6.3	7.0	5.0	5.3	5.7	9.0	6.0	8.0	7.0	5.7	6.5
BA 81-220	5.7	6.7	6.0	4.0	6.0	8.7	6.3	7.7	7.0	7.0	6.5
BARONIE	6.0	7.0	6.0	4.7	6.0	9.0	6.3	8.0	7.0	5.0	6.5
HAGA	5.7	7.3	5.7	4.7	6.7	9.0	5.3	7.7	7.0	6.0	6.5
RAVEN	5.3	7.7	5.3	5.3	6.0	9.0	5.7	8.0	7.0	5.7	6.5
SR 2000	6.3	7.3	5.7	5.7	5.7	8.7	6.3	7.3	6.7	5.3	6.5
CONNI	7.0	5.7	7.0	4.0	5.3	8.7	5.3	8.0	7.0	6.7	6.5
J-1555	4.7	6.7	6.7	5.0	6.7	8.7	6.0	8.0	7.0	5.3	6.5
CHAMPAGNE (LTP-621)	6.0	7.7	6.3	3.3	6.7	8.7	6.0	7.0	7.0	6.0	6.5
ENVICTA (BA 75-173)	5.7	7.3	5.7	4.7	6.0	9.0	5.7	7.7	7.0	6.0	6.5
SERENE (PST-A7-245A)	5.7	7.3	5.3	4.3	6.0	8.3	6.3	8.0	7.0	6.0	6.4

TABLE 22.
(CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	KS1	KY1	MN1	MO3	NC1	NE1	OK1	ON1	QE1	UT1	MEAN
ASCOT	5.3	7.0	6.3	4.3	6.3	8.3	6.0	7.7	7.0	6.0	6.4
FORTUNA	5.7	8.0	5.3	4.3	6.0	9.0	5.7	8.0	7.0	5.3	6.4
PICK-855	5.0	7.0	6.7	3.0	6.3	9.0	5.7	7.7	7.3	6.7	6.4
ZPS-309	6.0	6.3	5.3	5.0	6.7	8.7	5.3	7.7	7.0	6.3	6.4
CALIBER	5.7	6.3	5.7	4.0	6.7	9.0	5.3	8.0	7.0	6.3	6.4
MARQUIS	6.3	6.7	6.0	4.7	5.7	8.7	5.3	8.0	7.0	5.7	6.4
NJ-54	6.0	7.0	6.0	4.3	5.3	9.0	5.3	8.0	7.0	6.0	6.4
PST-BO-165	5.7	6.7	5.7	5.0	5.7	8.7	6.0	7.7	7.0	6.0	6.4
BAR VB 233	6.0	5.7	6.0	5.3	6.3	9.0	5.3	7.7	7.0	5.7	6.4
LKB-95	6.7	6.7	6.7	3.3	6.7	8.7	5.0	7.7	7.0	5.7	6.4
NJ 1190	7.0	5.3	6.3	3.7	6.0	9.0	6.0	7.7	7.0	6.0	6.4
MED-1580	5.3	7.7	6.3	3.3	6.0	8.3	5.3	8.0	7.0	6.3	6.4
ZPS-2183	6.0	6.0	6.0	3.0	5.7	9.0	6.3	8.0	7.0	6.7	6.4
CARDIFF	6.0	5.7	5.7	4.3	6.3	8.7	5.7	8.0	7.0	6.3	6.4
CLASSIC	5.7	7.3	6.0	4.7	5.7	8.0	5.7	8.0	7.0	5.7	6.4
HV 242	6.3	5.0	6.3	4.7	6.3	9.0	5.0	8.0	7.0	6.0	6.4
NIMBUS	5.7	6.7	6.0	3.3	6.3	9.0	5.7	7.7	7.0	6.3	6.4
SEABRING (BA 79-260)	5.7	7.0	6.7	5.0	6.0	7.3	5.7	7.7	7.0	5.7	6.4
SR 2100	5.3	6.3	6.0	4.7	6.3	7.7	7.0	8.0	7.0	5.3	6.4
BAR VB 3115B	5.7	6.7	6.0	4.3	6.7	9.0	5.0	7.3	7.0	5.7	6.3
GOLDRUSH (BA 87-102)	6.0	6.0	5.7	5.0	5.7	9.0	6.0	7.7	7.0	5.3	6.3
PLATINI	5.7	6.0	5.7	4.7	6.3	9.0	5.0	8.0	7.0	6.0	6.3
VB 16015	5.0	6.3	5.7	4.7	6.3	8.0	6.3	8.0	7.0	6.0	6.3
WILDWOOD	6.0	6.3	6.7	4.7	5.7	8.0	5.0	8.0	7.0	6.0	6.3
CHALLENGER	5.3	6.3	5.7	4.0	6.0	8.7	6.0	7.7	7.0	6.7	6.3
MOONLIGHT (PST-A418)	5.3	7.0	5.3	4.0	5.7	9.0	6.7	7.7	7.0	5.7	6.3
SR 2109	5.7	5.7	6.0	4.3	6.7	8.3	6.0	7.3	7.0	6.0	6.3
ABBAY	5.7	7.3	5.7	4.0	5.7	8.0	6.0	7.7	7.0	6.0	6.3
PST-P46	6.0	5.7	6.3	4.0	5.7	8.3	5.3	7.7	7.0	7.0	6.3
SHAMROCK	5.3	7.0	6.3	3.7	6.0	8.3	5.0	8.0	7.0	6.3	6.3
A88-744	6.0	6.7	5.3	4.3	6.0	8.7	5.7	7.7	7.0	5.7	6.3
BA 77-702	5.7	7.3	5.3	4.0	6.0	9.0	5.3	7.7	7.0	5.7	6.3
NJ-GD	5.0	7.0	6.7	3.3	6.0	9.0	6.0	7.3	7.0	5.3	6.3
COMPACT	5.0	6.0	5.7	5.0	6.7	8.7	5.7	7.7	7.0	5.3	6.3
BARIRIS (BAR VB 5649)	5.7	6.3	5.7	3.7	6.0	8.7	5.3	7.7	7.0	6.3	6.2
LTP-620	5.0	6.3	6.0	4.0	5.7	8.3	6.3	7.7	7.0	6.0	6.2
BA 81-113	5.3	7.0	5.7	3.7	5.7	8.7	5.7	7.7	7.0	6.0	6.2
BARTITIA	6.3	4.0	7.0	3.7	5.0	9.0	5.7	8.0	7.0	6.7	6.2
CHATEAU	6.3	5.3	5.0	4.7	6.0	8.7	5.7	8.0	7.0	5.7	6.2
BA 81-270	6.3	6.0	5.7	3.7	5.7	8.3	5.7	7.7	7.0	6.0	6.2
HV 130	6.3	5.7	6.0	4.3	5.7	9.0	4.7	8.0	7.0	5.3	6.2
LIVINGSTON	5.3	6.7	5.7	3.7	5.7	9.0	5.7	7.7	7.3	5.3	6.2
DRAGON (ZPS-429)	5.0	7.0	5.7	4.3	6.3	7.3	6.0	7.7	7.0	5.7	6.2
BA 70-060	5.3	7.7	6.0	3.7	5.0	9.0	5.3	7.3	7.0	5.3	6.2
BA 75-163	5.3	7.7	5.0	3.7	6.3	8.0	5.3	7.3	7.0	6.0	6.2

TABLE 22.
(CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY										
	KS1	KY1	MN1	MO3	NC1	NE1	OK1	ON1	QE1	UT1	MEAN
BA 76-197	5.3	6.0	6.0	3.3	6.0	9.0	5.7	7.3	7.0	6.0	6.2
COVENTRY	6.3	5.7	5.3	3.7	5.7	8.7	5.7	8.0	7.0	5.7	6.2
JEWEL (BA 81-227)	5.7	5.7	5.0	3.0	6.7	9.0	6.0	7.7	7.0	5.7	6.1
MISTY (BA 76-372)	5.0	6.3	6.3	4.0	6.7	7.3	5.7	7.7	7.0	5.3	6.1
H86-690	5.0	5.7	5.3	4.0	6.0	8.0	5.3	8.0	7.0	6.0	6.0
LIPOA	6.0	4.7	6.3	3.7	5.3	9.0	5.0	7.7	7.0	5.7	6.0
KENBLUE	4.3	5.7	5.3	4.7	6.7	8.0	5.0	8.0	7.0	5.3	6.0
BLUECHIP (MED-1991)	4.7	6.3	5.3	3.7	6.0	8.0	5.7	7.7	7.0	5.3	6.0
BAR VB 6820	5.7	3.7	6.7	2.7	5.7	8.3	5.3	7.3	7.0	7.0	5.9
SIDEKICK	5.3	6.3	4.7	4.7	5.3	8.0	5.3	7.3	7.0	5.0	5.9
BARUZO	5.3	4.3	5.3	3.0	6.3	8.0	6.0	8.0	7.0	5.7	5.9
SODNET	4.3	4.3	6.7	4.3	6.3	7.7	5.0	7.3	7.0	5.7	5.9
SRX 2205	6.0	5.0	6.0	2.3	5.0	9.0	5.0	7.3	7.0	6.0	5.9
PEPAYA (DP 37-192)	5.0	2.3	6.0	3.3	5.0	7.7	5.0	7.7	7.0	6.3	5.5
LSD VALUE	1.3	1.4	0.8	1.6	1.2	0.8	0.9	0.7	0.2	1.1	0.3
C.V. (%)	13.8	12.5	8.7	22.8	12.6	5.4	9.9	5.6	1.8	11.1	10.3

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 23. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	MN1	MO3	NC1	NE1	OK1	MEAN
LIBERATOR (ZPS-2572)	7.0	7.3	8.0	9.0	7.0	7.7
NUGLADE	7.0	7.3	7.3	9.0	7.7	7.7
TOTAL ECLIPSE (TCR-1738)	6.7	8.7	6.3	9.0	7.7	7.7
AWARD	6.7	6.3	7.7	9.0	7.3	7.4
RUGBY II (MED-18)	7.0	7.7	7.0	8.3	7.0	7.4
ODYSSEY (J-1561)	6.3	7.7	7.0	8.7	7.0	7.3
APOLLO (PST-B3-180)	7.3	6.7	6.7	8.7	6.7	7.2
IMPACT (J-1576)	6.7	7.3	6.0	8.7	7.3	7.2
MIDNIGHT	6.7	7.0	6.3	8.7	7.3	7.2
PICK 8	6.7	6.3	7.0	9.0	7.0	7.2
BRILLIANT (PST-B2-42)	6.7	6.0	7.0	9.0	7.0	7.1
WILDWOOD	7.3	6.3	6.7	9.0	6.3	7.1
QUANTUM LEAP (J-1567)	6.0	7.0	6.0	9.0	7.3	7.1
ASCOT	7.0	6.3	5.7	9.0	7.0	7.0
BA 75-490	6.3	6.7	6.0	9.0	7.0	7.0
PRINCETON 105	7.0	6.0	7.0	8.7	6.3	7.0
SHOWCASE (PST-BO-141)	6.3	6.0	6.7	9.0	7.0	7.0
ECLIPSE	6.0	6.0	6.7	9.0	7.0	6.9
UNIQUE	6.0	5.7	7.0	9.0	7.0	6.9
ALLURE	6.0	7.0	6.0	8.7	7.0	6.9
ZPS-309	5.7	6.3	7.3	8.7	6.7	6.9
LIMOUSINE	7.0	7.0	5.3	8.0	7.0	6.9
MED-1580	7.0	5.3	6.3	8.7	7.0	6.9
ABSOLUTE (MED-1497)	6.3	6.3	6.7	8.0	6.7	6.8
HAGA	6.0	5.7	6.7	8.7	7.0	6.8
NORTH STAR (PST-A7-60)	8.0	4.7	6.3	8.7	6.3	6.8
PLATINI	5.7	5.7	6.7	9.0	7.0	6.8
BAR VB 233	5.7	6.7	6.3	9.0	6.0	6.7
BARTITIA	7.0	5.7	5.7	9.0	6.3	6.7
CONNI	6.3	5.7	6.7	9.0	6.0	6.7
BA 81-058	6.3	6.0	6.3	8.0	7.0	6.7
BARONIE	6.0	6.3	5.7	8.7	7.0	6.7
CHICAGO (J-2582)	6.3	5.0	6.0	9.0	7.3	6.7
GLADE	6.0	6.3	6.0	8.7	6.7	6.7
J-1555	6.0	6.7	5.3	8.7	7.0	6.7
RAMBO (J-2579)	7.0	5.3	5.7	9.0	6.7	6.7
SR 2109	7.3	5.0	5.7	8.7	7.0	6.7
CARDIFF	6.3	5.3	6.7	8.7	6.5	6.7
SIDEKICK	6.0	6.0	6.7	8.3	6.5	6.7
CHAMPAGNE (LTP-621)	6.7	5.7	5.7	9.0	6.3	6.7
NUSTAR	6.3	5.7	5.7	9.0	6.7	6.7
SEABRING (BA 79-260)	6.3	6.7	6.7	8.0	5.7	6.7
AMERICA	6.7	5.7	5.7	8.7	6.7	6.7
BLACKSTONE (PST-638)	6.3	5.3	6.7	8.0	7.0	6.7

TABLE 23. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MN1	MO3	NC1	NE1	OK1	MEAN
COMPACT	6.0	6.0	6.3	9.0	6.0	6.7
COVENTRY	6.0	6.0	6.0	8.7	6.7	6.7
BAR VB 3115B	6.7	5.7	5.7	9.0	6.0	6.6
BLACKSBURG	6.7	5.7	4.7	9.0	7.0	6.6
JEFFERSON	5.7	6.0	6.7	8.7	6.0	6.6
PICK-855	7.3	4.3	5.7	9.0	6.7	6.6
CHATEAU	6.0	5.7	5.7	9.0	6.3	6.5
HV 242	5.7	5.7	6.0	9.0	6.3	6.5
LKB-95	7.7	4.3	5.7	9.0	6.0	6.5
MISTY (BA 76-372)	7.0	5.0	6.0	7.7	7.0	6.5
SERENE (PST-A7-245A)	6.0	6.0	5.7	9.0	6.0	6.5
ABBEY	6.3	5.3	6.0	9.0	6.0	6.5
CLASSIC	6.0	5.7	6.3	8.7	6.0	6.5
PST-BO-165	6.0	6.0	5.3	9.0	6.3	6.5
SODNET	6.3	6.0	6.0	8.0	6.3	6.5
SR 2000	5.7	6.7	5.3	8.3	6.7	6.5
VB 16015	5.7	6.3	6.0	8.0	6.7	6.5
ARCADIA (J-1936)	6.3	5.0	5.3	8.3	7.3	6.5
EXPLORER (PICK-3561)	5.7	6.0	5.7	8.3	6.7	6.5
FORTUNA	6.0	5.7	5.3	9.0	6.3	6.5
GOLDRUSH (BA 87-102)	5.7	6.7	5.7	8.3	6.0	6.5
SHAMROCK	6.7	5.3	5.7	9.0	5.7	6.5
NJ 1190	7.0	4.3	5.3	9.0	6.7	6.5
PST-P46	6.7	5.3	5.3	8.0	7.0	6.5
CALIBER	6.0	5.3	5.7	8.7	6.5	6.4
ENVICTA (BA 75-173)	5.3	5.7	6.0	8.7	6.5	6.4
BA 77-702	5.0	6.0	5.7	9.0	6.3	6.4
KENBLUE	6.0	6.0	5.3	8.7	6.0	6.4
NJ-GD	6.3	4.7	5.7	9.0	6.3	6.4
ZPS-2183	6.7	4.7	5.7	8.3	6.7	6.4
BLUECHIP (MED-1991)	6.0	5.7	5.3	8.7	6.3	6.4
LIPOA	7.0	4.3	5.7	8.3	6.5	6.4
RAVEN	5.7	6.0	5.3	8.3	6.5	6.4
A88-744	6.0	5.7	6.0	8.0	6.0	6.3
BA 76-197	7.0	4.0	5.7	9.0	6.0	6.3
BAR VB 6820	6.7	4.0	7.0	8.0	6.0	6.3
CHALLENGER	6.3	5.3	5.3	8.3	6.3	6.3
JEWEL (BA 81-227)	5.3	5.7	5.3	8.7	6.7	6.3
LIVINGSTON	5.7	4.7	5.3	9.0	7.0	6.3
MOONLIGHT (PST-A418)	5.7	5.7	5.0	8.3	7.0	6.3
BARON	5.7	5.7	5.7	8.7	6.0	6.3
LTP-620	6.0	5.3	5.3	8.0	7.0	6.3
BA 81-270	5.7	5.0	5.7	8.7	6.5	6.3
BA 73-373	5.7	6.0	5.3	8.3	6.0	6.3
BARIRIS (BAR VB 5649)	5.3	4.3	6.0	8.7	7.0	6.3

TABLE 23. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MN1	MO3	NC1	NE1	OK1	MEAN
DRAGON (ZPS-429)	5.7	5.7	5.3	8.0	6.5	6.2
SR 2100	5.7	6.0	5.0	8.0	6.3	6.2
BA 81-113	5.0	4.7	6.3	8.3	6.5	6.2
BA 81-220	5.7	5.7	4.7	8.3	6.5	6.2
H86-690	5.7	4.7	6.0	8.3	6.0	6.1
HV 130	6.0	4.7	5.3	8.7	6.0	6.1
NIMBUS	6.7	4.3	5.3	8.3	6.0	6.1
BARUZO	5.7	5.0	5.7	7.3	6.7	6.1
MARQUIS	5.3	5.7	5.0	8.7	5.7	6.1
NJ-54	5.3	6.0	4.7	8.7	5.7	6.1
SRX 2205	7.0	3.7	4.7	8.7	6.0	6.0
BA 70-060	5.3	4.7	5.0	8.7	6.0	5.9
BA 75-163	5.3	4.3	6.0	8.0	6.0	5.9
PEPAYA (DP 37-192)	5.3	3.3	5.0	7.3	6.3	5.5
LSD VALUE	1.0	1.8	2.0	0.7	0.9	0.6
C.V. (%)	10.2	19.8	20.5	5.2	7.8	13.0

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

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

TABLE 24. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	KY1	MN1	NC1	OK1	MEAN
MIDNIGHT	98.3	97.7	91.7	97.3	96.3
AWARD	98.7	96.3	92.3	97.0	96.1
RUGBY II (MED-18)	96.0	95.0	95.0	96.7	95.7
NUGLADE	95.3	97.7	91.7	97.3	95.5
CHAMPAGNE (LTP-621)	97.7	91.7	96.0	96.0	95.3
PRINCETON 105	90.0	97.7	97.7	95.3	95.2
HAGA	96.0	97.7	90.0	96.3	95.0
AMERICA	99.0	93.3	91.7	95.7	94.9
BAR VB 3115B	94.3	97.7	91.7	96.0	94.9
JEFFERSON	98.3	94.7	90.7	96.0	94.9
LIBERATOR (ZPS-2572)	93.7	97.7	91.7	96.7	94.9
UNIQUE	97.3	93.0	93.3	96.0	94.9
BRILLIANT (PST-B2-42)	97.0	94.7	91.0	96.0	94.7
SIDEKICK	96.7	99.0	86.7	96.0	94.6
APOLLO (PST-B3-180)	90.7	96.3	95.0	96.3	94.6
BARONIE	95.0	99.0	88.3	96.0	94.6
PICK 8	98.7	96.3	86.7	96.0	94.4
ODYSSEY (J-1561)	98.3	91.3	91.0	97.0	94.4
TOTAL ECLIPSE (TCR-1738)	94.3	96.0	90.0	96.7	94.3
BA 77-702	97.3	97.7	86.7	93.3	93.8
SEABRING (BA 79-260)	95.3	96.3	86.7	96.3	93.7
BA 75-490	95.7	97.7	85.0	95.7	93.5
CHALLENGER	95.0	97.7	83.3	96.3	93.1
ECLIPSE	98.7	89.7	86.7	96.3	92.8
LIVINGSTON	93.7	96.3	83.3	96.3	92.4
QUANTUM LEAP (J-1567)	96.3	93.0	83.3	96.7	92.3
KENBLUE	89.3	93.3	88.3	96.0	91.8
ABSOLUTE (MED-1497)	86.7	97.7	85.7	96.7	91.7
BARIRIS (BAR VB 5649)	85.7	96.3	88.3	96.0	91.6
COVENTRY	88.7	93.3	88.3	96.0	91.6
ABBEY	93.7	91.3	86.7	94.3	91.5
IMPACT (J-1576)	92.7	91.3	85.0	97.0	91.5
SR 2000	93.0	94.7	81.7	96.3	91.4
LTP-620	91.7	91.3	85.0	96.3	91.1
GLADE	93.0	88.3	86.7	95.7	90.9
SHOWCASE (PST-BO-141)	95.0	83.3	90.0	95.3	90.9
SERENE (PST-A7-245A)	98.7	88.3	80.0	96.0	90.8
MED-1580	92.0	94.7	80.0	96.0	90.7
SR 2100	86.3	93.3	86.7	95.7	90.5
BA 81-220	94.7	95.0	76.7	95.0	90.3
ARCADIA (J-1936)	86.3	93.3	85.0	96.7	90.3
PST-BO-165	95.0	85.0	85.0	96.3	90.3
RAMBO (J-2579)	90.3	96.0	78.3	96.3	90.3
NJ-54	93.3	93.3	78.3	95.7	90.2
CHICAGO (J-2582)	89.3	91.7	83.3	96.3	90.2

TABLE 24. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS					
NAME	KY1	MN1	NC1	OK1	MEAN
BA 76-197	88.0	96.0	81.7	94.7	90.1
SHAMROCK	90.7	94.7	80.0	94.7	90.0
LKB-95	91.7	96.3	78.3	93.7	90.0
BAR VB 233	85.0	89.7	88.3	96.7	89.9
EXPLORER (PICK-3561)	95.3	91.3	76.7	96.3	89.9
RAVEN	95.3	85.0	83.3	96.0	89.9
CALIBER	96.3	81.7	85.0	96.3	89.8
BA 81-058	97.7	80.0	85.0	96.3	89.8
CHATEAU	93.3	91.3	78.3	96.0	89.8
ZPS-309	83.3	83.3	95.7	96.7	89.8
NUSTAR	93.0	81.3	88.3	96.0	89.7
MISTY (BA 76-372)	81.3	97.7	83.3	95.7	89.5
BA 81-113	91.7	83.3	86.7	96.0	89.4
JEWEL (BA 81-227)	81.7	88.3	90.0	96.0	89.0
BLACKSBURG	79.3	95.0	83.3	97.0	88.7
FORTUNA	88.7	88.3	81.7	95.7	88.6
NJ-GD	88.7	97.7	71.7	95.7	88.4
PICK-855	91.7	86.7	80.0	95.0	88.3
A88-744	99.0	75.0	83.3	95.7	88.3
NORTH STAR (PST-A7-60)	81.7	97.7	76.7	96.7	88.2
CLASSIC	66.0	97.7	91.7	96.0	87.8
BA 73-373	92.0	83.3	80.0	94.3	87.4
ALLURE	93.0	83.3	76.7	96.3	87.3
MOONLIGHT (PST-A418)	96.3	83.3	73.3	96.0	87.3
ENVICTA (BA 75-173)	96.3	71.7	85.0	95.3	87.1
HV 242	77.3	91.7	83.3	96.0	87.1
BA 81-270	75.0	97.7	78.3	97.0	87.0
J-1555	90.0	91.7	70.0	96.3	87.0
PLATINI	70.7	94.7	86.7	96.0	87.0
VB 16015	84.0	81.7	86.7	95.3	86.9
NIMBUS	87.3	93.3	71.7	95.3	86.9
PST-P46	78.7	93.0	78.3	95.7	86.4
DRAGON (ZPS-429)	90.7	80.0	78.3	96.0	86.3
CONNI	65.7	97.7	85.0	96.0	86.1
BLACKSTONE (PST-638)	76.0	97.7	73.3	96.3	85.8
MARQUIS	89.7	83.3	75.0	95.3	85.8
ZPS-2183	81.7	91.7	73.3	96.0	85.7
WILDWOOD	66.7	97.7	81.7	95.7	85.4
HV 130	71.7	96.3	78.3	95.0	85.3
COMPACT	81.3	78.3	83.3	95.7	84.7
BA 70-060	94.7	86.7	61.7	95.0	84.5
SR 2109	66.7	93.0	81.7	95.0	84.1
GOLDRUSH (BA 87-102)	76.7	83.3	81.7	92.0	83.4
BARON	75.3	90.0	80.0	88.3	83.4
ASCOT	56.7	91.7	81.7	95.7	81.4

TABLE 24. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS					
NAME	KY1	MN1	NC1	OK1	MEAN
LIMOUSINE	65.7	99.0	65.0	95.7	81.3
BA 75-163	98.0	53.3	76.7	96.3	81.1
BLUECHIP (MED-1991)	65.0	76.7	80.0	95.7	79.3
H86-690	49.7	88.3	80.0	93.3	77.8
CARDIFF	55.0	68.3	88.3	95.7	76.8
SODNET	22.0	91.7	86.7	95.0	73.8
NJ 1190	42.7	93.3	63.3	91.7	72.8
LIPOA	25.3	91.7	78.3	95.3	72.7
SRX 2205	23.3	97.7	71.7	94.7	71.8
BARTITIA	11.7	96.0	78.3	95.0	70.3
PEPAYA (DP 37-192)	4.7	91.3	85.0	94.7	68.9
BAR VB 6820	12.0	76.7	88.3	93.7	67.7
BARUZO	18.3	21.7	87.3	96.0	55.8
LSD VALUE	23.0	13.2	13.1	2.9	7.4
C.V. (%)	17.3	9.1	9.8	1.9	10.5

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 25. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS							
NAME	IA2	MN1	MO3	NC1	NJ1	OK1	MEAN
NUGLADE	56.7	86.7	96.0	95.7	72.7	91.7	83.2
MIDNIGHT	55.0	91.7	89.3	94.3	71.7	90.0	82.0
PRINCETON 105	61.7	89.7	99.0	97.3	68.3	70.0	81.0
APOLLO (PST-B3-180)	55.0	91.7	97.7	94.7	55.7	86.7	80.2
PICK 8	45.0	86.7	96.0	95.0	71.0	86.0	79.9
AWARD	55.0	88.3	96.0	94.0	41.0	89.3	77.3
AMERICA	65.0	76.7	99.0	91.7	56.3	73.3	77.0
ODYSSEY (J-1561)	60.0	73.3	96.0	91.7	58.3	81.3	76.8
LIBERATOR (ZPS-2572)	53.3	91.7	94.3	96.0	39.7	83.3	76.4
UNIQUE	60.0	75.0	99.0	88.3	62.3	73.3	76.3
BARONIE	51.7	83.3	99.0	90.3	44.3	86.7	75.9
NORTH STAR (PST-A7-60)	48.3	95.0	76.3	91.7	70.0	72.7	75.7
TOTAL ECLIPSE (TCR-1738)	58.3	85.0	97.7	86.7	42.0	82.0	75.3
JEFFERSON	53.3	80.0	96.0	87.7	48.3	85.0	75.1
BRILLIANT (PST-B2-42)	61.7	83.3	93.0	90.3	52.0	68.3	74.8
IMPACT (J-1576)	45.0	75.0	96.0	92.7	56.7	81.0	74.4
BAR VB 3115B	90.0	93.3	82.7	83.3	27.3	66.7	73.9
SHOWCASE (PST-BO-141)	60.0	61.7	96.0	95.0	72.0	58.3	73.8
ECLIPSE	53.3	85.0	96.0	91.7	29.0	85.0	73.3
HAGA	55.0	93.3	99.0	86.7	34.0	71.7	73.3
CLASSIC	68.3	80.0	99.0	88.3	42.7	60.0	73.1
GLADE	58.3	81.7	86.0	86.7	55.0	70.0	72.9
RUGBY II (MED-18)	61.7	80.0	96.0	88.3	40.0	71.7	72.9
BA 75-490	60.0	86.7	99.0	81.7	45.0	65.0	72.9
NUSTAR	66.7	56.7	92.7	85.0	46.7	80.0	71.3
CHAMPAGNE (LTP-621)	60.0	75.0	86.7	94.0	35.0	76.0	71.1
SIDEKICK	63.3	85.0	93.0	85.0	23.3	76.7	71.1
WILDWOOD	61.7	88.3	81.7	83.3	33.7	76.7	70.9
NJ-GD	55.0	86.7	89.3	88.3	24.7	79.0	70.5
QUANTUM LEAP (J-1567)	56.7	81.7	99.0	73.3	23.3	82.7	69.4
CHATEAU	70.0	80.0	89.3	88.3	7.3	80.0	69.2
SEABRING (BA 79-260)	63.3	91.7	93.0	83.3	8.3	75.0	69.1
ZPS-309	15.0	63.3	99.0	97.0	61.7	78.3	69.1
BA 81-270	70.0	83.3	83.3	83.3	19.3	74.3	68.9
COVENTRY	68.3	80.0	83.3	81.7	14.3	83.3	68.5
BA 81-058	45.0	66.7	96.0	83.7	42.7	76.7	68.4
BLACKSTONE (PST-638)	31.7	85.7	73.3	81.7	58.3	80.0	68.4
SR 2100	50.0	70.0	96.0	86.7	21.7	86.0	68.4
KENBLUE	73.3	78.3	96.0	85.0	9.0	68.3	68.3
PST-P46	61.7	88.0	84.7	81.7	27.7	63.3	67.8
BARON	45.0	88.3	96.0	86.7	12.3	76.7	67.5
SERENE (PST-A7-245A)	73.3	71.7	93.0	71.7	23.0	71.7	67.4
NJ-54	51.7	76.7	91.3	90.0	20.3	74.0	67.3
CALIBER	51.7	70.0	86.0	92.3	37.7	65.0	67.1
BA 77-702	43.3	86.7	89.3	86.7	17.3	79.3	67.1

TABLE 25. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS							
NAME	IA2	MN1	MO3	NC1	NJ1	OK1	MEAN
SR 2000	33.3	80.0	97.7	85.0	21.3	85.0	67.1
DRAGON (ZPS-429)	46.7	71.7	91.0	81.7	41.7	69.3	67.0
ALLURE	63.3	61.7	99.0	81.7	20.7	75.0	66.9
BLACKSBURG	36.7	73.0	86.3	86.7	40.0	77.7	66.7
CHALLENGER	46.7	78.3	91.3	85.0	10.7	88.3	66.7
CHICAGO (J-2582)	61.7	73.3	92.7	80.0	8.0	84.0	66.6
ASCOT	51.7	75.0	92.7	86.7	20.0	71.0	66.2
FORTUNA	53.3	65.0	86.0	76.7	33.3	81.7	66.0
VB 16015	58.3	66.7	97.7	88.3	6.3	78.3	65.9
BA 81-220	45.0	85.0	86.3	78.3	22.0	78.3	65.8
ZPS-2183	40.0	85.0	60.0	81.7	42.7	84.3	65.6
BA 73-373	55.0	65.0	89.7	78.3	17.7	87.0	65.4
MARQUIS	50.0	75.0	86.3	83.3	25.7	70.0	65.1
MED-1580	68.3	78.3	74.7	80.0	7.7	80.0	64.8
ENVICTA (BA 75-173)	61.7	65.0	93.0	89.0	8.3	71.7	64.8
BA 70-060	65.0	81.7	80.0	73.3	28.3	58.3	64.4
PLATINI	28.3	55.0	91.0	86.7	58.3	66.7	64.3
RAVEN	45.0	73.3	97.7	73.3	20.0	76.0	64.2
SODNET	61.7	73.3	88.0	88.3	3.7	70.0	64.2
GOLDRUSH (BA 87-102)	41.7	61.7	96.0	83.3	29.0	73.3	64.2
PICK-855	71.7	76.7	65.0	80.0	18.0	73.3	64.1
ABSOLUTE (MED-1497)	43.3	71.7	83.0	87.3	19.0	80.0	64.1
LIVINGSTON	43.3	86.7	76.7	88.3	15.7	73.3	64.0
SR 2109	53.3	85.0	88.3	81.7	8.7	66.7	63.9
A88-744	56.7	36.7	99.0	86.7	33.0	70.0	63.7
JEWEL (BA 81-227)	63.3	66.7	68.3	80.0	21.7	81.7	63.6
MOONLIGHT (PST-A418)	53.3	56.7	76.3	80.0	42.7	71.0	63.3
RAMBO (J-2579)	61.7	66.7	88.0	76.7	14.7	71.7	63.2
BAR VB 233	18.3	71.7	99.0	81.7	35.3	73.3	63.2
CONNI	53.3	66.7	86.3	85.0	16.0	71.7	63.2
COMPACT	58.3	66.7	96.0	85.0	6.3	65.0	62.9
LIMOUSINE	55.0	65.0	82.7	80.3	36.0	58.3	62.9
SHAMROCK	51.7	76.7	85.0	85.0	13.7	65.0	62.8
LTP-620	46.7	73.3	86.7	81.7	7.3	79.3	62.5
HV 130	56.7	90.0	85.0	68.3	8.0	65.0	62.2
ABBEY	46.7	71.7	81.7	76.7	18.3	77.3	62.1
NIMBUS	55.0	88.3	73.3	70.0	5.7	80.0	62.1
LKB-95	65.0	90.0	51.7	86.7	10.7	66.7	61.8
ARCADIA (J-1936)	56.7	75.0	76.3	65.0	19.3	78.3	61.8
PST-BO-165	31.7	81.7	96.0	81.7	8.3	70.0	61.6
BA 81-113	41.7	75.0	91.3	78.3	6.0	76.7	61.5
BARTITIA	40.0	81.7	79.7	78.3	8.0	80.3	61.3
HV 242	43.3	71.7	92.7	80.0	14.3	65.0	61.2
MISTY (BA 76-372)	48.3	85.0	69.7	85.0	5.0	73.3	61.1
BARIRIS (BAR VB 5649)	21.7	63.3	82.7	85.0	45.0	66.7	60.7

TABLE 25. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS							
NAME	IA2	MN1	MO3	NC1	NJ1	OK1	MEAN
NJ 1190	63.3	83.3	53.3	78.3	11.7	71.7	60.3
CARDIFF	58.3	63.3	83.3	88.3	2.0	63.3	59.8
BLUECHIP (MED-1991)	58.3	65.0	80.0	65.0	9.3	80.0	59.6
BA 76-197	45.0	81.7	66.7	80.0	4.7	74.3	58.7
EXPLORER (PICK-3561)	56.7	61.7	97.7	50.0	10.7	75.0	58.6
LIFOA	46.7	76.7	65.0	78.3	3.7	60.0	55.1
BA 75-163	65.0	21.7	74.7	94.3	17.7	56.7	55.0
BARUZO	45.0	26.7	83.3	93.3	3.3	78.3	55.0
BAR VB 6820	48.3	65.0	73.3	75.0	5.3	62.7	54.9
J-1555	48.3	68.3	89.7	38.3	7.3	76.0	54.7
H86-690	41.7	63.3	71.7	89.3	4.7	55.0	54.3
SRX 2205	43.3	90.0	51.7	70.0	11.0	58.3	54.1
PEPAYA (DP 37-192)	18.3	55.0	56.7	81.7	1.3	66.7	46.6
LSD VALUE	21.0	22.5	22.7	17.1	33.7	20.0	9.6
C.V. (%)	24.7	18.6	16.3	12.7	76.6	16.7	21.8

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

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/						
NAME	KY1	MO3	NC1	NJ2	OK1	MEAN
MIDNIGHT	99.0	99.0	90.0	98.7	96.7	96.7
NUGLADE	97.7	99.0	90.0	98.7	94.3	95.9
AWARD	98.7	99.0	90.0	98.0	86.7	94.5
ZPS-309	86.3	99.0	96.3	98.0	90.7	94.1
ODYSSEY (J-1561)	96.7	99.0	91.0	96.0	84.7	93.5
APOLLO (PST-B3-180)	97.3	99.0	90.0	96.7	83.3	93.3
LIBERATOR (ZPS-2572)	99.0	96.0	90.0	97.7	83.3	93.2
UNIQUE	98.7	99.0	88.3	97.0	81.7	92.9
RUGBY II (MED-18)	97.7	99.0	91.7	97.7	77.7	92.7
PRINCETON 105	96.3	99.0	89.7	99.0	78.3	92.5
PICK 8	84.0	99.0	88.3	97.3	92.7	92.3
JEFFERSON	98.3	99.0	86.7	97.0	80.0	92.2
ECLIPSE	97.3	99.0	83.3	95.7	85.0	92.1
BARONIE	94.0	99.0	81.7	96.7	88.3	91.9
TOTAL ECLIPSE (TCR-1738)	96.7	99.0	73.3	98.7	91.0	91.7
IMPACT (J-1576)	96.7	99.0	85.0	95.3	80.0	91.2
BA 75-490	97.3	99.0	85.0	95.7	76.0	90.6
NUSTAR	87.7	96.0	88.3	95.7	85.0	90.5
HAGA	95.3	99.0	90.0	91.0	76.7	90.4
ABSOLUTE (MED-1497)	86.3	96.0	86.0	93.3	88.3	90.0
CHICAGO (J-2582)	87.3	99.0	88.3	90.0	85.0	89.9
SR 2000	93.7	99.0	76.7	88.3	91.7	89.9
SHOWCASE (PST-BO-141)	99.0	99.0	83.3	97.3	69.3	89.6
SIDEKICK	96.3	99.0	80.0	95.0	77.7	89.6
GLADE	93.7	92.7	81.7	92.7	86.7	89.5
LTP-620	90.7	96.0	78.3	96.0	83.3	88.9
CHALLENGER	96.0	99.0	73.3	89.0	85.0	88.5
BA 73-373	95.7	96.0	75.0	89.3	85.7	88.3
BA 81-058	92.7	99.0	81.7	92.7	75.0	88.2
NORTH STAR (PST-A7-60)	89.7	88.0	90.0	90.0	82.3	88.0
QUANTUM LEAP (J-1567)	96.3	99.0	76.7	90.3	76.0	87.7
MED-1580	93.0	96.0	73.3	90.3	85.0	87.5
MISTY (BA 76-372)	88.5	89.7	83.3	98.3	76.7	87.3
AMERICA	91.0	99.0	71.7	98.0	76.7	87.3
CHAMPAGNE (LTP-621)	98.7	94.7	68.3	96.7	76.7	87.0
SEABRING (BA 79-260)	83.0	99.0	88.3	92.7	71.7	86.9
CLASSIC	96.3	99.0	88.3	96.0	53.3	86.6
BA 77-702	84.7	96.0	83.3	88.3	80.0	86.5
CALIBER	92.3	96.0	83.3	95.7	65.0	86.5
A88-744	89.7	99.0	76.7	86.7	80.0	86.4
VB 16015	81.7	97.7	81.7	94.7	75.0	86.1
LIVINGSTON	81.3	86.7	76.7	98.3	86.7	85.9
MOONLIGHT (PST-A418)	98.7	89.7	65.0	96.3	80.0	85.9
ALLURE	69.3	99.0	80.0	97.0	83.3	85.7
ABBEY	93.7	96.0	83.3	94.7	60.0	85.5

TABLE 26. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS						
NAME	KY1	MO3	NC1	NJ2	OK1	MEAN
RAMBO (J-2579)	83.0	93.0	68.3	97.7	85.0	85.4
RAVEN	79.7	99.0	76.7	92.3	79.0	85.3
BRILLIANT (PST-B2-42)	92.7	96.0	75.0	98.7	63.3	85.1
SR 2100	68.3	99.0	81.7	90.0	86.7	85.1
NJ-GD	94.3	96.0	61.7	98.3	75.0	85.1
SERENE (PST-A7-245A)	72.7	96.0	71.7	96.3	85.0	84.3
BLACKSTONE (PST-638)	64.0	89.7	83.3	97.7	85.0	83.9
BAR VB 233	61.7	99.0	84.3	97.7	76.7	83.9
PST-BO-165	74.7	99.0	71.7	97.3	76.7	83.9
ARCADIA (J-1936)	92.7	82.7	78.3	83.0	82.3	83.8
MARQUIS	83.0	96.0	75.0	92.0	71.7	83.5
ENVICTA (BA 75-173)	96.3	99.0	65.0	78.3	77.3	83.2
PICK-855	93.0	81.7	68.3	96.7	75.0	82.9
CHATEAU	57.3	92.7	81.7	97.7	85.0	82.9
FORTUNA	91.0	94.3	75.0	69.0	85.0	82.9
BAR VB 3115B	80.7	79.3	83.3	95.7	75.0	82.8
GOLDRUSH (BA 87-102)	72.3	96.0	75.0	94.0	76.7	82.8
BA 75-163	93.3	86.0	75.0	94.3	65.0	82.7
BA 81-113	68.3	93.0	89.3	84.0	78.3	82.6
BARON	89.5	96.0	71.7	78.3	76.7	82.4
NJ-54	80.0	99.0	65.0	96.3	71.7	82.4
DRAGON (ZPS-429)	83.7	96.0	61.7	95.3	75.0	82.3
EXPLORER (PICK-3561)	91.0	99.0	61.7	83.0	75.0	81.9
BLACKSBURG	66.3	96.0	65.0	98.7	82.7	81.7
CONNI	60.0	92.7	80.0	96.0	80.0	81.7
KENBLUE	58.3	99.0	75.0	91.3	83.7	81.5
COVENTRY	62.3	93.0	78.3	98.0	75.0	81.3
ASCOT	71.3	99.0	65.0	96.7	72.7	80.9
SHAMROCK	78.3	96.0	68.3	95.3	66.7	80.9
JEWEL (BA 81-227)	59.0	96.0	71.7	98.3	79.0	80.8
PLATINI	48.3	96.0	90.0	97.0	72.3	80.7
BARUZO	46.0	96.0	83.3	93.7	82.7	80.3
COMPACT	78.3	96.0	60.0	89.7	75.0	79.8
HV 242	50.0	96.0	78.3	97.0	76.7	79.6
WILDWOOD	48.3	99.0	80.0	97.3	71.7	79.3
BA 81-220	84.0	96.0	58.3	89.3	65.0	78.5
BARIRIS (BAR VB 5649)	58.3	82.7	80.0	94.7	76.7	78.5
BA 76-197	64.0	78.3	85.0	96.7	66.7	78.1
LIMOUSINE	56.3	99.0	83.3	96.0	53.3	77.6
CARDIFF	55.0	93.0	88.3	97.0	53.3	77.3
ZPS-2183	61.7	68.0	71.7	93.0	88.3	76.5
J-1555	79.0	99.0	45.0	73.7	82.7	75.9
BLUECHIP (MED-1991)	41.7	96.0	65.0	91.0	85.0	75.7
BA 70-060	78.3	85.0	58.3	93.7	60.0	75.1
BARTITIA	28.3	93.0	78.3	95.0	80.0	74.9

TABLE 26. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS						
NAME	KY1	MO3	NC1	NJ2	OK1	MEAN
BA 81-270	41.7	91.7	75.0	98.0	66.7	74.6
PST-P46	45.0	94.3	71.7	91.3	66.7	73.8
SODNET	28.0	99.0	71.7	86.3	82.7	73.5
SR 2109	37.3	93.0	75.0	95.0	65.0	73.1
LKB-95	68.3	69.7	61.7	96.0	68.3	72.8
H86-690	60.0	86.0	71.7	89.0	53.3	72.0
BAR VB 6820	17.3	83.3	95.0	94.0	70.0	71.9
NIMBUS	71.0	86.3	38.3	85.3	78.3	71.9
HV 130	55.0	91.3	58.3	68.7	76.7	70.0
NJ 1190	37.0	75.0	73.3	99.0	65.0	69.9
LIPOA	36.0	83.3	83.3	71.3	73.3	69.5
PEPAYA (DP 37-192)	4.3	78.0	70.0	92.3	73.3	63.6
SRX 2205	27.7	66.7	51.7	96.0	56.7	59.7
LSD VALUE	26.0	16.6	23.5	10.6	23.8	9.3
C.V. (%)	20.9	11.0	19.0	7.1	19.2	15.5

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 27. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	NJ1	NJ2	OK1	VA1	MEAN
BLACKSTONE (PST-638)	7.7	5.7	5.0	6.3	6.2
NIMBUS	7.0	7.0	4.0	6.0	6.0
CLASSIC	6.3	7.0	3.7	6.3	5.8
ZPS-2183	6.0	6.0	4.0	7.0	5.8
DRAGON (ZPS-429)	6.3	5.0	4.3	7.0	5.7
BA 81-058	8.0	5.3	4.0	5.0	5.6
ZPS-309	4.7	6.3	4.0	7.3	5.6
MISTY (BA 76-372)	5.0	6.0	4.0	7.0	5.5
SR 2109	5.7	5.3	4.0	7.0	5.5
SHAMROCK	5.7	5.0	4.0	7.0	5.4
BARONIE	5.3	7.0	4.0	5.3	5.4
BA 75-490	5.3	5.0	4.0	7.0	5.3
SR 2000	5.0	4.7	4.7	6.7	5.3
CHAMPAGNE (LTP-621)	5.7	4.7	4.0	6.7	5.3
NJ 1190	4.7	5.7	4.0	6.7	5.3
SIDEKICK	5.7	5.3	4.0	6.0	5.3
ECLIPSE	5.3	5.7	4.0	5.7	5.2
LIVINGSTON	6.0	5.3	4.0	5.3	5.2
BAR VB 233	5.0	5.3	4.0	6.0	5.1
CHALLENGER	5.3	5.7	4.3	5.0	5.1
LTP-620	5.7	4.0	4.0	6.3	5.0
NJ-GD	5.3	4.3	4.3	6.0	5.0
HAGA	5.3	4.3	4.3	5.7	4.9
HV 130	5.3	5.0	4.0	5.3	4.9
BARIRIS (BAR VB 5649)	5.0	5.0	4.0	5.3	4.8
PICK-855	4.0	5.0	4.3	6.0	4.8
CARDIFF	4.5	5.3	4.0	5.3	4.8
ABSOLUTE (MED-1497)	5.0	3.0	4.0	7.0	4.8
BLACKSBURG	5.0	4.0	4.3	5.7	4.8
HV 242	3.7	5.3	4.0	6.0	4.8
LKB-95	4.3	4.7	4.0	6.0	4.8
VB 16015	4.3	4.0	4.7	6.0	4.8
JEWEL (BA 81-227)	3.3	5.0	4.0	6.3	4.7
CALIBER	4.3	4.3	4.0	6.0	4.7
H86-690	5.0	4.0	4.3	5.3	4.7
RAMBO (J-2579)	4.3	4.3	4.0	6.0	4.7
ABBEY	4.0	5.0	4.0	5.3	4.6
CONNI	4.0	5.0	4.0	5.3	4.6
NJ-54	5.3	3.7	4.0	5.3	4.6
BARTITIA	3.5	5.0	4.0	5.7	4.5
MOONLIGHT (PST-A418)	4.0	4.0	4.7	5.3	4.5
PICK 8	3.3	4.7	4.7	5.3	4.5
WILDWOOD	5.0	4.0	4.0	5.0	4.5
LIPOA	2.7	4.7	4.7	5.7	4.4

TABLE 27. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

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

NAME	NJ1	NJ2	OK1	VA1	MEAN
KENBLUE	5.3	4.0	4.3	4.0	4.4
JEFFERSON	3.0	5.7	4.0	4.7	4.3
ALLURE	3.7	4.3	4.0	5.3	4.3
BAR VB 3115B	5.3	4.3	4.0	3.7	4.3
CHICAGO (J-2582)	4.3	4.3	4.0	4.7	4.3
PLATINI	2.7	5.0	4.0	5.7	4.3
PST-P46	3.7	4.0	4.0	5.7	4.3
ASCOT	1.7	5.0	4.0	6.3	4.3
BA 73-373	4.0	4.0	4.3	4.7	4.3
COMPACT	3.7	5.3	4.0	4.0	4.3
IMPACT (J-1576)	4.3	2.7	4.0	6.0	4.3
TOTAL ECLIPSE (TCR-1738)	5.0	2.3	4.0	5.7	4.3
J-1555	3.5	4.0	4.0	5.3	4.2
BLUECHIP (MED-1991)	3.7	4.7	4.0	4.3	4.2
CHATEAU	3.3	4.7	4.0	4.7	4.2
SR 2100	3.0	4.0	4.0	5.7	4.2
A88-744	3.7	3.0	4.0	6.0	4.2
AMERICA	3.0	4.3	4.0	5.3	4.2
BA 81-220	4.0	3.7	4.0	5.0	4.2
BA 81-270	4.7	3.3	3.7	5.0	4.2
EXPLORER (PICK-3561)	3.3	3.7	4.3	5.3	4.2
ODYSSEY (J-1561)	3.7	2.0	4.0	7.0	4.2
RUGBY II (MED-18)	4.3	2.3	4.0	6.0	4.2
UNIQUE	3.3	4.0	4.0	5.0	4.1
BRILLIANT (PST-B2-42)	2.3	4.3	4.0	5.7	4.1
BA 75-163	2.5	3.7	4.3	5.7	4.0
ARCADIA (J-1936)	3.7	3.7	4.0	4.7	4.0
BA 81-113	3.3	3.7	4.0	5.0	4.0
COVENTRY	3.7	4.0	4.0	4.3	4.0
MED-1580	2.7	2.7	4.0	6.7	4.0
SERENE (PST-A7-245A)	3.3	4.7	3.7	4.3	4.0
BA 70-060	3.3	4.0	4.0	4.3	3.9
ENVICTA (BA 75-173)	2.7	4.7	4.3	4.0	3.9
GLADE	3.0	3.7	4.3	4.7	3.9
PST-BO-165	3.3	4.0	3.7	4.7	3.9
QUANTUM LEAP (J-1567)	4.0	2.7	4.0	4.7	3.8
SHOWCASE (PST-BO-141)	2.7	3.7	3.7	5.3	3.8
AWARD	3.7	1.7	4.0	5.7	3.8
BA 77-702	2.7	3.7	4.0	4.7	3.8
LIBERATOR (ZPS-2572)	3.3	2.7	4.0	5.0	3.8
NUGLADE	3.3	2.0	4.0	5.7	3.8
NUSTAR	3.0	2.7	4.0	5.3	3.8
RAVEN	3.3	4.0	4.0	3.7	3.8
SODNET	3.7	1.3	4.3	5.7	3.8
APOLLO (PST-B3-180)	2.0	4.0	4.0	4.7	3.7

TABLE 27. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

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

NAME	NJ1	NJ2	OK1	VA1	MEAN
MIDNIGHT	3.3	2.3	4.0	5.0	3.7
SRX 2205	2.0	3.3	4.3	5.0	3.7
BARON	2.0	3.3	4.3	4.7	3.6
GOLDRUSH (BA 87-102)	3.0	4.3	4.0	3.0	3.6
LIMOUSINE	2.0	3.3	3.7	5.3	3.6
SEABRING (BA 79-260)	2.3	2.7	4.3	5.0	3.6
FORTUNA	3.3	3.3	4.0	3.3	3.5
BAR VB 6820	2.0	2.3	4.0	5.3	3.4
NORTH STAR (PST-A7-60)	1.7	2.3	4.0	5.3	3.3
PEPAYA (DP 37-192)	1.0	3.0	4.0	5.0	3.3
BA 76-197	2.5	3.3	3.3	3.7	3.2
MARQUIS	2.3	2.3	4.3	3.7	3.2
BARUZO	1.5	1.3	4.0	5.3	3.0
PRINCETON 105	2.0	1.3	4.0	4.0	2.8
LSD VALUE	1.7	1.6	0.5	1.3	0.7
C.V. (%)	25.4	23.4	8.0	15.4	18.8

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 (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	KS1	NAME	KS1
AMERICA	5.7	A88-744	2.3
BRILLIANT (PST-B2-42)	5.3	BA 76-197	2.3
SHOWCASE (PST-BO-141)	5.3	BARON	2.3
UNIQUE	5.0	BLACKSTONE (EST-638)	2.3
APOLLO (PST-B3-180)	4.7	CARDIFF	2.3
BA 75-490	3.7	CHICAGO (J-2582)	2.3
HAGA	3.7	COVENTRY	2.3
BA 81-058	3.3	EXPLORER (PICK-3561)	2.3
CALIBER	3.3	FORTUNA	2.3
CLASSIC	3.3	LTP-620	2.3
COMPACT	3.3	MED-1580	2.3
J-1555	3.3	MISTY (BA 76-372)	2.3
JEFFERSON	3.3	NJ 1190	2.3
LKB-95	3.3	PICK-855	2.3
BA 73-373	3.0	PRINCETON 105	2.3
BA 75-163	3.0	PST-BO-165	2.3
BARONIE	3.0	RUGBY II (MED-18)	2.3
CHAMPAGNE (LTP-621)	3.0	SERENE (PST-A7-245A)	2.3
LIVINGSTON	3.0	SRX 2205	2.3
MOONLIGHT (PST-A418)	3.0	ZPS-2183	2.3
NJ-GD	3.0	ABSOLUTE (MED-1497)	2.0
NUGLADE	3.0	BARIRIS (BAR VB 5649)	2.0
ODYSSEY (J-1561)	3.0	BARUZO	2.0
SHAMROCK	3.0	BLUECHIP (MED-1991)	2.0
WILDWOOD	3.0	CHATEAU	2.0
ALLURE	2.7	DRAGON (ZPS-429)	2.0
ASCOT	2.7	GOLDRUSH (BA 87-102)	2.0
AWARD	2.7	IMPACT (J-1576)	2.0
BA 81-270	2.7	LIPOA	2.0
BAR VB 3115B	2.7	NIMBUS	2.0
CHALLENGER	2.7	NJ-54	2.0
ECLIPSE	2.7	NUSTAR	2.0
H86-690	2.7	PICK 8	2.0
HV 130	2.7	QUANTUM LEAP (J-1567)	2.0
JEWEL (BA 81-227)	2.7	SR 2100	2.0
KENBLUE	2.7	ZPS-309	2.0
LIBERATOR (ZPS-2572)	2.7	ABBAY	1.7
MIDNIGHT	2.7	ARCADIA (J-1936)	1.7
PST-P46	2.7	BA 70-060	1.7
SEABRING (BA 79-260)	2.7	BA 77-702	1.7
SIDEKICK	2.7	BA 81-220	1.7
SODNET	2.7	CONNI	1.7
SR 2000	2.7	ENVICTA (BA 75-173)	1.7
TOTAL ECLIPSE (TCR-1738)	2.7	GLADE	1.7

TABLE 28. DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING

NAME	KS1
LIMOUSINE	1.7
NORTH STAR (PST-A7-60)	1.7
PLATINI	1.7
RAMBO (J-2579)	1.7
SR 2109	1.7
VB 16015	1.7
BA 81-113	1.3
BAR VB 233	1.3
BAR VB 6820	1.3
BLACKSBURG	1.3
HV 242	1.3
MARQUIS	1.3
BARTITIA	1.0
PEPAYA (DP 37-192)	1.0
RAVEN	1.0
LSD VALUE	1.4
C.V. (%)	34.2

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 29. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

NAME	QE1	NAME	QE1
ZPS-2183	23.0	SRX 2205	16.3
EA 77-702	22.0	AWARD	16.0
RUGBY II (MED-18)	22.0	BRILLIANT (PST-B2-42)	16.0
WILDWOOD	22.0	LIPOA	16.0
NJ 1190	20.7	MARQUIS	16.0
HAGA	20.3	SERENE (PST-A7-245A)	16.0
ALLURE	20.0	ABBEY	15.7
EA 76-197	19.7	BA 81-058	15.7
CONNI	19.7	CHALLENGER	15.7
BAR VB 6820	19.0	LIMOUSINE	15.7
PRINCETON 105	19.0	SR 2000	15.7
APOLLO (PST-B3-180)	18.7	LKB-95	15.3
MED-1580	18.7	NUGLADE	15.3
NORTH STAR (PST-A7-60)	18.7	PST-P46	15.3
QUANTUM LEAP (J-1567)	18.7	H86-690	15.0
SR 2109	18.7	ARCADIA (J-1936)	14.7
ABSOLUTE (MED-1497)	18.3	BARUZO	14.7
EA 75-163	18.3	DRAGON (ZPS-429)	14.7
BLACKSTONE (PST-638)	18.3	ECLIPSE	14.7
IMPACT (J-1576)	18.3	EXPLORER (PICK-3561)	14.7
COMPACT	18.0	HV 242	14.7
TOTAL ECLIPSE (TCR-1738)	18.0	PICK-855	14.7
BLUECHIP (MED-1991)	17.7	A88-744	14.3
COVENTRY	17.7	BAR VB 3115B	14.3
ODYSSEY (J-1561)	17.7	CHAMPAGNE (LTP-621)	14.3
SR 2100	17.7	MISTY (BA 76-372)	14.3
EA 81-113	17.3	BA 81-270	14.0
BARON	17.3	BARIRIS (BAR VB 5649)	14.0
BARTITIA	17.3	FORTUNA	14.0
ENVICTA (BA 75-173)	17.3	LIVINGSTON	14.0
JEFFERSON	17.3	NUSTAR	14.0
MIDNIGHT	17.3	PEPAYA (DP 37-192)	14.0
NIMBUS	17.3	BAR VB 233	13.7
PLATINI	17.3	BARONIE	13.7
RAMBO (J-2579)	17.3	CHICAGO (J-2582)	13.7
RAVEN	17.3	GOLDRUSH (BA 87-102)	13.7
ASCOT	17.0	JEWEL (BA 81-227)	13.7
EST-BO-165	17.0	LTP-620	13.7
AMERICA	16.7	SHAMROCK	13.7
EA 75-490	16.7	UNIQUE	13.7
PICK 8	16.7	CARDIFF	13.3
EA 70-060	16.3	J-1555	13.3
BLACKSBURG	16.3	ZPS-309	13.3
SODNET	16.3	BA 81-220	13.0

TABLE 29. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

THATCH MEASUREMENTS IN MILLIMETERS

NAME	QE1
CALIBER	13.0
CLASSIC	13.0
GLADE	13.0
NJ-GD	13.0
BA 73-373	12.7
SHOWCASE (PST-BO-141)	12.7
CHATEAU	12.3
HV 130	12.3
KENBLUE	12.3
SEABRING (BA 79-260)	12.3
SIDEKICK	12.3
MOONLIGHT (PST-A418)	11.0
NJ-54	11.0
VB 16015	11.0
LIBERATOR (ZPS-2572)	8.7
LSD VALUE	7.6
C.V. (%)	29.9

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 30. MICRODOCHIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	MN1	NAME	MN1
MARQUIS	8.7	MED-1580	7.3
BA 73-373	8.3	ODYSSEY (J-1561)	7.3
SHAMROCK	8.3	RAVEN	7.3
AWARD	8.0	SR 2000	7.3
BA 75-490	8.0	SRX 2205	7.3
BA 81-220	8.0	WILDWOOD	7.3
BARIRIS (BAR VB 5649)	8.0	ARCADIA (J-1936)	7.0
BARTITIA	8.0	CHAMPAGNE (LTP-621)	7.0
BLUECHIP (MED-1991)	8.0	IMPACT (J-1576)	7.0
ENVICTA (BA 75-173)	8.0	JEWEL (BA 81-227)	7.0
FORTUNA	8.0	MIDNIGHT	7.0
HV 130	8.0	PEPAYA (DP 37-192)	7.0
LIVINGSTON	8.0	PST-BO-165	7.0
NIMBUS	8.0	TOTAL ECLIPSE (TCR-1738)	7.0
NJ-GD	8.0	ZPS-2183	7.0
PLATINI	8.0	ZPS-309	7.0
ABBEY	7.7	ALLURE	6.7
ABSOLUTE (MED-1497)	7.7	APOLLO (PST-B3-180)	6.7
BA 70-060	7.7	ASCOT	6.7
BA 76-197	7.7	BLACKSTONE (PST-638)	6.7
BA 77-702	7.7	CALIBER	6.7
BA 81-113	7.7	CHICAGO (J-2582)	6.7
BARON	7.7	COVENTRY	6.7
BARONIE	7.7	LIPOA	6.7
CHALLENGER	7.7	NJ-54	6.7
CONNI	7.7	PRINCETON 105	6.7
DRAGON (ZPS-429)	7.7	PST-P46	6.7
GLADE	7.7	RAMBO (J-2579)	6.7
GOLDRUSH (BA 87-102)	7.7	RUGBY II (MED-18)	6.7
H86-690	7.7	SR 2100	6.7
HAGA	7.7	AMERICA	6.3
HV 242	7.7	BA 75-163	6.3
LIMOUSINE	7.7	BAR VB 233	6.3
LKB-95	7.7	BAR VB 3115B	6.3
NORTH STAR (PST-A7-60)	7.7	BAR VB 6820	6.3
NUGLADE	7.7	BLACKSBURG	6.3
PICK 8	7.7	CLASSIC	6.3
SEABRING (BA 79-260)	7.7	J-1555	6.3
BA 81-270	7.3	KENBLUE	6.3
ECLIPSE	7.3	MISTY (BA 76-372)	6.3
EXPLORER (PICK-3561)	7.3	QUANTUM LEAP (J-1567)	6.3
JEFFERSON	7.3	SIDEKICK	6.3
LIBERATOR (ZPS-2572)	7.3	UNIQUE	6.3
LTP-620	7.3	VB 16015	6.3

TABLE 30. MICRODOCHMIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1999 DATA

MICRODOCHMIUM PATCH RATINGS 1-9; 9=NO DISEASE

NAME	MN1
BRILLIANT (PST-B2-42)	6.0
CHATEAU	6.0
MOONLIGHT (PST-A418)	6.0
NUSTAR	6.0
SERENE (PST-A7-245A)	6.0
SR 2109	6.0
BA 81-058	5.7
NJ 1190	5.7
A88-744	5.3
SODNET	5.3
COMPACT	5.0
SHOWCASE (PST-BO-141)	5.0
CARDIFF	4.7
PICK-855	4.7
LSD VALUE	1.7
C.V. (%)	14.9

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 31. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	NJ2	NAME	NJ2
LIBERATOR (ZPS-2572)	9.0	ABSOLUTE (MED-1497)	5.7
MOONLIGHT (PST-A418)	9.0	AMERICA	5.7
NORTH STAR (PST-A7-60)	9.0	BA 75-163	5.7
SR 2109	9.0	CARDIFF	5.7
ZPS-2183	9.0	CHALLENGER	5.7
BLACKSTONE (PST-638)	8.7	CHATEAU	5.7
MIDNIGHT	8.7	LIMOUSINE	5.7
ODYSSEY (J-1561)	8.7	NJ 1190	5.7
PRINCETON 105	8.7	NJ-54	5.7
PST-P46	8.7	PEPAYA (DP 37-192)	5.7
TOTAL ECLIPSE (TCR-1738)	8.7	PST-BO-165	5.7
WILDWOOD	8.7	SHAMROCK	5.7
BARTITIA	8.3	SHOWCASE (PST-BO-141)	5.7
SR 2000	8.3	BARONIE	5.3
ASCOT	8.0	COVENTRY	5.3
AWARD	8.0	EXPLORER (PICK-3561)	5.3
BRILLIANT (PST-B2-42)	8.0	HAGA	5.3
IMPACT (J-1576)	8.0	HV 130	5.3
NUGLADE	8.0	VB 16015	5.3
NUSTAR	8.0	A88-744	5.0
RUGBY II (MED-18)	8.0	APOLLO (PST-B3-180)	5.0
BLACKSBURG	7.7	HV 242	5.0
CONNI	7.7	PLATINI	5.0
ECLIPSE	7.7	RAMBO (J-2579)	5.0
JEFFERSON	7.7	CHICAGO (J-2582)	4.7
PICK 8	7.7	J-1555	4.7
SEABRING (BA 79-260)	7.7	MISTY (BA 76-372)	4.7
BA 81-058	7.3	SR 2100	4.7
QUANTUM LEAP (J-1567)	7.3	ALLURE	4.3
SRX 2205	7.3	CLASSIC	4.3
SODNET	7.0	DRAGON (ZPS-429)	4.3
ARCADIA (J-1936)	6.7	GLADE	4.3
BAR VB 3115B	6.7	GOLDRUSH (BA 87-102)	4.3
CHAMPAGNE (LTP-621)	6.7	LIPOA	4.3
MED-1580	6.7	MARQUIS	4.3
NIMBUS	6.7	PICK-855	4.3
SERENE (PST-A7-245A)	6.7	RAVEN	4.3
BAR VB 6820	6.3	ABBAY	4.0
JEWEL (BA 81-227)	6.3	BA 77-702	4.0
LIVINGSTON	6.3	BA 81-113	4.0
LKB-95	6.3	BAR VB 233	4.0
NJ-GD	6.3	BLUECHIP (MED-1991)	4.0
UNIQUE	6.3	SIDEKICK	4.0
BA 81-270	6.0	BA 70-060	3.7

TABLE 31. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	NJ2
BARON	3.7
FORTUNA	3.7
BA 73-373	3.3
BA 75-490	3.3
BA 76-197	3.3
BA 81-220	3.3
BARIRIS (BAR VB 5649)	3.3
CALIBER	3.3
ENVICTA (BA 75-173)	3.3
LTP-620	3.3
BARUZO	2.7
H86-690	2.7
COMPACT	2.3
ZPS-309	2.3
KENBLUE	1.0
LSD VALUE	1.8
C.V. (%)	19.0

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 32. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	NC1	NAME	NC1
ABBEY	9.0	RINCETON 105	9.0
AMERICA	9.0	QUANTUM LEAP (J-1567)	9.0
APOLLO (PST-B3-180)	9.0	RAMBO (J-2579)	9.0
ARCADIA (J-1936)	9.0	RAVEN	9.0
AWARD	9.0	RUGBY II (MED-18)	9.0
BA 77-702	9.0	SEABRING (BA 79-260)	9.0
BA 81-058	9.0	SERENE (PST-A7-245A)	9.0
BARONIE	9.0	SHAMROCK	9.0
BARTITIA	9.0	SHOWCASE (PST-BO-141)	9.0
BLACKSTONE (PST-638)	9.0	SODNET	9.0
BLUECHIP (MED-1991)	9.0	SR 2109	9.0
BRILLIANT (PST-B2-42)	9.0	UNIQUE	9.0
CARDIFF	9.0	VB 16015	9.0
CHAMPAGNE (LTP-621)	9.0	ZPS-309	9.0
CHICAGO (J-2582)	9.0	A88-744	8.7
CLASSIC	9.0	ABSOLUTE (MED-1497)	8.7
COMPACT	9.0	ASCOT	8.7
CONNI	9.0	BA 73-373	8.7
COVENTRY	9.0	BA 76-197	8.7
DRAGON (ZPS-429)	9.0	BA 81-113	8.7
ECLIPSE	9.0	BAR VB 6820	8.7
ENVICTA (BA 75-173)	9.0	BARIRIS (BAR VB 5649)	8.7
EXPLORER (PICK-3561)	9.0	BARUZO	8.7
GLADE	9.0	CALIBER	8.7
HAGA	9.0	CHALLENGER	8.7
J-1555	9.0	H86-690	8.7
JEFFERSON	9.0	HV 130	8.7
KENBLUE	9.0	HV 242	8.7
LIBERATOR (ZPS-2572)	9.0	JEWEL (BA 81-227)	8.7
LIMOUSINE	9.0	NJ-54	8.7
LIPOA	9.0	NJ-GD	8.7
LIVINGSTON	9.0	ODYSSEY (J-1561)	8.7
LTP-620	9.0	PEPAYA (DP 37-192)	8.7
MED-1580	9.0	PST-P46	8.7
MISTY (BA 76-372)	9.0	SIDEKICK	8.7
MOONLIGHT (PST-A418)	9.0	SR 2000	8.7
NIMBUS	9.0	ALLURE	8.3
NJ 1190	9.0	BA 70-060	8.3
NORTH STAR (PST-A7-60)	9.0	BA 75-163	8.3
NUGLADE	9.0	BA 81-270	8.3
NUSTAR	9.0	BAR VB 233	8.3
PICK 8	9.0	SR 2100	8.3
PICK-855	9.0	SRX 2205	8.3
PLATINI	9.0	WILDWOOD	8.3

TABLE 32. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE

NAME	NC1
ZPS-2183	8.3
BA 75-490	8.0
BA 81-220	8.0
BARON	8.0
FORTUNA	8.0
GOLDRUSH (BA 87-102)	8.0
LKB-95	8.0
PST-BO-165	8.0
BAR VB 3115B	7.7
IMPACT (J-1576)	7.7
MARQUIS	7.7
TOTAL ECLIPSE (TCR-1738)	7.7
CHATEAU	7.3
MIDNIGHT	7.0
BLACKSBURG	5.7
LSD VALUE	1.2
C.V. (%)	8.5

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. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	NC1	NAME	NC1
DRAGON (ZPS-429)	9.0	NJ 1190	8.0
PLATINI	9.0	NJ-54	8.0
VB 16015	9.0	NJ-GD	8.0
ABBEY	8.7	PRINCETON 105	8.0
BA 73-373	8.7	PST-P46	8.0
BA 75-163	8.7	RUGBY II (MED-18)	8.0
BA 81-058	8.7	SEABRING (BA 79-260)	8.0
BARUZO	8.7	SRX 2205	8.0
BLACKSTONE (PST-638)	8.7	TOTAL ECLIPSE (TCR-1738)	8.0
H86-690	8.7	ZPS-309	8.0
IMPACT (J-1576)	8.7	BA 81-113	7.7
LIBERATOR (ZPS-2572)	8.7	BA 81-220	7.7
MIDNIGHT	8.7	BAR VB 3115B	7.7
NORTH STAR (PST-A7-60)	8.7	BARIRIS (BAR VB 5649)	7.7
NUGLADE	8.7	BARONIE	7.7
PICK 8	8.7	BLACKSBURG	7.7
A88-744	8.3	CHAMPAGNE (LTP-621)	7.7
ABSOLUTE (MED-1497)	8.3	CHATEAU	7.7
APOLLO (PST-B3-180)	8.3	CLASSIC	7.7
BAR VB 233	8.3	NIMBUS	7.7
BARON	8.3	PEPAYA (DP 37-192)	7.7
BARTITIA	8.3	SODNET	7.7
BLUECHIP (MED-1991)	8.3	UNIQUE	7.7
BRILLIANT (PST-B2-42)	8.3	WILDWOOD	7.7
CHICAGO (J-2582)	8.3	BA 70-060	7.3
FORTUNA	8.3	BA 76-197	7.3
J-1555	8.3	CALIBER	7.3
JEFFERSON	8.3	JEWEL (BA 81-227)	7.3
LTP-620	8.3	MED-1580	7.3
MISTY (BA 76-372)	8.3	PICK-855	7.3
MOONLIGHT (PST-A418)	8.3	QUANTUM LEAP (J-1567)	7.3
ODYSSEY (J-1561)	8.3	SERENE (PST-A7-245A)	7.3
RAMBO (J-2579)	8.3	SHAMROCK	7.3
SHOWCASE (PST-BO-141)	8.3	SR 2100	7.3
SIDEKICK	8.3	ZPS-2183	7.3
ALLURE	8.0	ASCOT	7.0
AWARD	8.0	BA 75-490	7.0
BAR VB 6820	8.0	GOLDRUSH (BA 87-102)	7.0
CARDIFF	8.0	LIVINGSTON	7.0
CHALLENGER	8.0	LKB-95	7.0
ECLIPSE	8.0	NUSTAR	7.0
ENVICTA (BA 75-173)	8.0	AMERICA	6.7
EXPLORER (PICK-3561)	8.0	ARCADIA (J-1936)	6.7
HV 130	8.0	CONNI	6.7

TABLE 33. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	NC1
COVENTRY	6.7
GLADE	6.7
HAGA	6.7
LIMOUSINE	6.7
PST-BO-165	6.7
RAVEN	6.7
BA 81-270	6.3
KENBLUE	6.3
LIPQA	6.3
SR 2000	6.3
SR 2109	6.3
BA 77-702	6.0
HV 242	6.0
MARQUIS	6.0
COMPACT	4.3
LSD VALUE	2.2
C.V. (%)	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 34.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	NC1	NJ1	OK1	MEAN	NAME	NC1	NJ1	OK1	MEAN
IMPACT (J-1576)	8.7	8.3	8.3	8.4	COVENTRY	6.7	6.5	7.3	6.8
MIDNIGHT	9.0	8.0	8.3	8.4	ALLURE	7.0	5.7	7.7	6.8
NUGLADE	8.3	8.0	9.0	8.4	BLACKSBURG	8.3	4.7	7.3	6.8
APOLLO (PST-B3-180)	9.0	7.7	8.3	8.3	HAGA	7.0	6.3	7.0	6.8
ODYSSEY (J-1561)	9.0	8.0	8.0	8.3	NUSTAR	8.3	4.7	7.3	6.8
PRINCETON 105	8.3	8.7	7.7	8.2	COMPACT	6.3	6.5	7.3	6.7
UNIQUE	8.3	8.0	8.3	8.2	ABSOLUTE (MED-1497)	7.7	5.0	7.3	6.7
BARONIE	9.0	7.3	8.3	8.2	BA 77-702	7.7	6.0	6.3	6.7
AWARD	7.3	8.3	8.7	8.1	BA 81-220	7.3	6.0	6.7	6.7
PLATINI	8.3	8.3	7.7	8.1	BA 81-270	7.3	6.0	6.7	6.7
ECLIPSE	8.7	7.7	8.0	8.1	CONNI	7.0	6.3	6.7	6.7
PICK 8	8.7	7.0	8.3	8.0	HV 130	8.3	5.5	6.0	6.6
ZPS-309	8.3	7.3	8.3	8.0	ARCADIA (J-1936)	7.7	4.7	7.3	6.6
BAR VB 233	8.3	8.5	7.0	7.9	JEWEL (BA 81-227)	7.0	6.7	6.0	6.6
BRILLIANT (PST-B2-42)	8.0	8.3	7.3	7.9	LIMOUSINE	7.7	5.0	7.0	6.6
SR 2000	8.3	6.7	8.7	7.9	MARQUIS	7.3	6.0	6.0	6.4
LIBERATOR (ZPS-2572)	8.3	7.3	7.7	7.8	CHICAGO (J-2582)	6.7	4.0	8.3	6.3
TOTAL ECLIPSE (TCR-1738)	7.3	7.7	8.3	7.8	FORTUNA	8.0	4.0	7.0	6.3
JEFFERSON	9.0	7.0	7.3	7.8	GOLDRUSH (BA 87-102)	7.7	4.7	6.7	6.3
NORTH STAR (PST-A7-60)	7.3	8.0	8.0	7.8	PST-BO-165	8.0	3.0	8.0	6.3
RUGBY II (MED-18)	8.0	7.3	7.7	7.7	BAR VB 3115B	7.0	5.5	6.3	6.3
SHOWCASE (PST-BO-141)	7.7	8.0	7.3	7.7	BA 70-060	7.7	5.0	6.0	6.2
SR 2100	7.3	8.0	7.7	7.7	BLUECHIP (MED-1991)	7.7	3.7	7.3	6.2
BARIRIS (BAR VB 5649)	6.7	8.3	7.7	7.6	CHALLENGER	6.7	4.7	7.3	6.2
CALIBER	8.0	7.7	6.7	7.4	CHAMPAGNE (LTP-621)	7.0	5.7	6.0	6.2
CLASSIC	7.7	6.3	8.3	7.4	ENVICTA (BA 75-173)	7.7	5.3	5.7	6.2
MOONLIGHT (PST-A418)	8.7	6.0	7.7	7.4	PST-P46	7.7	4.0	7.0	6.2
A88-744	9.0	6.0	7.0	7.3	CHATEAU	6.7	5.0	6.7	6.1
BARON	8.0	7.0	7.0	7.3	LIVINGSTON	7.3	3.3	7.7	6.1
DRAGON (ZPS-429)	7.7	7.0	7.0	7.2	VB 16015	7.3	3.7	7.3	6.1
LTP-620	8.3	6.0	7.3	7.2	BA 75-163	8.3	3.0	6.7	6.0
AMERICA	8.7	5.7	7.3	7.2	BA 76-197	8.0	3.0	7.0	6.0
BA 81-058	7.3	7.3	7.0	7.2	EXPLORER (PICK-3561)	6.3	4.3	7.3	6.0
SERENE (PST-A7-245A)	8.0	5.0	8.7	7.2	H86-690	8.7	2.0	7.3	6.0
BLACKSTONE (PST-638)	8.0	5.0	8.3	7.1	BAR VB 6820	7.7	3.0	7.0	5.9
QUANTUM LEAP (J-1567)	7.7	6.0	7.7	7.1	PICK-855	7.3	4.7	5.7	5.9
ABBEY	9.0	5.3	6.7	7.0	ASCOT	7.0	3.7	7.0	5.9
BA 73-373	7.0	6.0	8.0	7.0	HV 242	6.3	4.0	7.3	5.9
CARDIFF	7.7	.	6.3	7.0	BA 81-113	7.0	3.0	7.3	5.8
RAMBO (J-2579)	7.7	6.0	7.3	7.0	LKB-95	6.7	4.3	6.3	5.8
RAVEN	7.3	6.3	7.3	7.0	SEABRING (BA 79-260)	8.0	3.0	6.3	5.8
BA 75-490	8.0	6.7	6.0	6.9	WILDWOOD	6.3	4.0	7.0	5.8
GLADE	7.3	6.7	6.7	6.9	ZPS-2183	7.7	4.3	5.3	5.8
SIDEKICK	7.7	6.0	7.0	6.9	KENBLUE	6.0	4.5	6.0	5.5

TABLE 34. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

NAME	NC1	NJ1	OK1	MEAN
SR 2109	7.0	3.0	6.3	5.4
BARUZO	8.3	1.0	6.7	5.3
NJ-GD	7.3	3.3	5.3	5.3
SHAMROCK	7.3	3.3	5.3	5.3
SODNET	7.7	2.5	5.7	5.3
NIMBUS	7.0	3.5	5.3	5.3
MISTY (BA 76-372)	8.0	2.0	5.7	5.2
SRX 2205	8.0	2.3	5.3	5.2
J-1555	6.3	2.0	7.3	5.2
MED-1580	6.0	3.3	6.0	5.1
BARTITIA	7.3	1.0	6.3	4.9
NJ-54	6.3	2.5	5.7	4.8
NJ 1190	5.7	2.3	6.0	4.7
LIPOA	7.0	2.0	4.7	4.6
PEPAYA (DP 37-192)	7.0	1.0	5.0	4.3
LSD VALUE	1.9	3.2	2.4	1.4
C.V. (%)	15.4	32.8	21.2	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 35. STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

STRIPE SMUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	NJ2	NAME	NJ2
BAR VB 6820	9.0	NJ 1190	8.0
BARIRIS (BAR VB 5649)	9.0	PST-BO-165	8.0
BARTITIA	9.0	ECLIPSE	7.7
BLACKSTONE (PST-638)	9.0	PST-P46	7.7
CHATEAU	9.0	SR 2000	7.7
JEFFERSON	9.0	APOLLO (PST-B3-180)	7.3
KENBLUE	9.0	BA 76-197	7.3
IKB-95	9.0	PICK-855	7.3
MISTY (BA 76-372)	9.0	RAMBO (J-2579)	7.3
NJ-GD	9.0	SHAMROCK	7.3
NORTH STAR (PST-A7-60)	9.0	SIDEKICK	7.3
PEPAYA (DP 37-192)	9.0	ARCADIA (J-1936)	7.0
PICK 8	9.0	CALIBER	7.0
SODNET	9.0	COMPACT	7.0
SR 2109	9.0	LIBERATOR (ZPS-2572)	7.0
SRX 2205	9.0	NUGLADE	7.0
WILDWOOD	9.0	QUANTUM LEAP (J-1567)	7.0
ZPS-309	9.0	SEABRING (BA 79-260)	7.0
EA 81-270	8.7	SERENE (PST-A7-245A)	7.0
GLADE	8.7	ASCOT	6.7
H86-690	8.7	AWARD	6.7
JEWEL (BA 81-227)	8.7	BLACKSBURG	6.7
MOONLIGHT (PST-A418)	8.7	CHICAGO (J-2582)	6.7
PLATINI	8.7	IMPACT (J-1576)	6.7
RUGBY II (MED-18)	8.7	NJ-54	6.7
ZPS-2183	8.7	SHOWCASE (PST-BO-141)	6.7
BARONIE	8.3	BA 75-490	6.3
BRILLIANT (PST-B2-42)	8.3	BAR VB 3115B	6.3
CLASSIC	8.3	TOTAL ECLIPSE (TCR-1738)	6.3
COVENTRY	8.3	BA 75-163	6.0
HAGA	8.3	CHALLENGER	6.0
LIVINGSTON	8.3	HV 242	6.0
LTP-620	8.3	ODYSSEY (J-1561)	6.0
MIDNIGHT	8.3	J-1555	5.7
NUSTAR	8.3	BARUZO	5.3
PRINCETON 105	8.3	DRAGON (ZPS-429)	5.3
UNIQUE	8.3	EXPLORER (PICK-3561)	5.3
ALLURE	8.0	LIMOUSINE	4.7
AMERICA	8.0	MED-1580	4.7
EA 81-058	8.0	NIMBUS	4.0
BAR VB 233	8.0	A88-744	3.7
CARDIFF	8.0	VB 16015	3.7
CHAMPAGNE (LTP-621)	8.0	LIPOA	2.7
CONNI	8.0	SR 2100	2.7

TABLE 35. STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

STRIPE SMUT RATINGS 1-9; 9=NO DISEASE

NAME	NJ2
ABSOLUTE (MED-1497)	2.3
HV 130	2.0
ABBAY	1.7
BA 73-373	1.7
BLUECHIP (MED-1991)	1.7
GOLDRUSH (BA 87-102)	1.7
BA 81-220	1.3
ENVICTA (BA 75-173)	1.3
BA 70-060	1.0
BA 77-702	1.0
BA 81-113	1.0
BARON	1.0
FORTUNA	1.0
MARQUIS	1.0
RAVEN	1.0
LSD VALUE	1.9
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.

TABLE 36. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NAME	MN1
AWARD	9.0	PICK 8	7.0
IMPACT (J-1576)	9.0	PST-P46	7.0
LIBERATOR (ZPS-2572)	9.0	ZPS-2183	7.0
MIDNIGHT	9.0	ARCADIA (J-1936)	6.7
TOTAL ECLIPSE (TCR-1738)	9.0	BA 75-163	6.7
A88-744	8.7	BA 75-490	6.7
APOLLO (PST-B3-180)	8.7	BA 77-702	6.7
ODYSSEY (J-1561)	8.7	CARDIFF	6.7
PRINCETON 105	8.7	COVENTRY	6.7
SHOWCASE (PST-BO-141)	8.7	GLADE	6.7
AMERICA	8.3	HV 130	6.7
BAR VB 3115B	8.3	JEWEL (BA 81-227)	6.7
SEABRING (BA 79-260)	8.3	LIVINGSTON	6.7
SIDEKICK	8.3	NORTH STAR (PST-A7-60)	6.7
UNIQUE	8.3	PICK-855	6.7
BRILLIANT (PST-B2-42)	8.0	SR 2109	6.7
FORTUNA	8.0	ASCOT	6.3
KENBLUE	8.0	BA 73-373	6.3
MOONLIGHT (PST-A418)	8.0	BA 81-270	6.3
NUGLADE	8.0	BARON	6.3
RUGBY II (MED-18)	8.0	CHICAGO (J-2582)	6.3
SODNET	8.0	MARQUIS	6.3
SR 2000	8.0	MISTY (BA 76-372)	6.3
ALLURE	7.7	NJ 1190	6.3
BARONIE	7.7	PST-BO-165	6.3
CALIBER	7.7	BA 70-060	6.0
CHAMPAGNE (LTP-621)	7.7	BA 81-058	6.0
HAGA	7.7	BLACKSTONE (PST-638)	6.0
JEFFERSON	7.7	HV 242	6.0
LKB-95	7.7	LTP-620	6.0
VB 16015	7.7	MED-1580	6.0
WILDWOOD	7.7	NIMBUS	6.0
ABBAY	7.3	SR 2100	6.0
DRAGON (ZPS-429)	7.3	SRX 2205	6.0
NJ-54	7.3	ABSOLUTE (MED-1497)	5.7
NJ-GD	7.3	ENVICTA (BA 75-173)	5.7
NUSTAR	7.3	LIPOA	5.7
QUANTUM LEAP (J-1567)	7.3	BAR VB 6820	5.3
BA 76-197	7.0	BARTITIA	5.3
BA 81-220	7.0	BARUZO	5.3
CHALLENGER	7.0	BLUECHIP (MED-1991)	5.3
CHATEAU	7.0	CLASSIC	5.3
ECLIPSE	7.0	COMPACT	5.3
J-1555	7.0	H86-690	5.3

TABLE 36. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NO DISEASE

NAME	MN1
RAVEN	5.3
SERENE (PST-A7-245A)	5.3
SHAMROCK	5.3
BA 81-113	5.0
BLACKSBURG	5.0
EXPLORER (PICK-3561)	5.0
GOLDRUSH (BA 87-102)	5.0
ZPS-309	5.0
PLATINI	4.7
BAR VB 233	4.3
BARIRIS (BAR VB 5649)	4.3
CONNI	4.3
RAMBO (J-2579)	4.0
LIMOUSINE	3.7
PEPAYA (DP 37-192)	3.0
LSD VALUE	2.2
C.V. (%)	20.6

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 37. PINK SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	UT1	NAME	UT1
BA 81-220	8.7	IMPACT (J-1576)	6.0
RAVEN	8.3	KENBLUE	6.0
ABBEY	8.0	MISTY (BA 76-372)	6.0
EA 77-702	8.0	NUSTAR	6.0
FORTUNA	7.7	SERENE (PST-A7-245A)	6.0
SR 2109	7.7	VB 16015	6.0
EA 70-060	7.3	BA 75-490	5.7
EA 81-113	7.3	CALIBER	5.7
CHAMPAGNE (LTP-621)	7.3	CONNI	5.7
CLASSIC	7.3	COVENTRY	5.7
DRAGON (ZPS-429)	7.3	JEWEL (BA 81-227)	5.7
IKB-95	7.3	LIPOA	5.7
MARQUIS	7.3	NORTH STAR (PST-A7-60)	5.7
EA 73-373	7.0	RAMBO (J-2579)	5.7
BARUZO	7.0	RUGBY II (MED-18)	5.7
ECLIPSE	7.0	SHAMROCK	5.7
ENVICTA (BA 75-173)	7.0	SR 2000	5.7
HV 242	7.0	AWARD	5.3
EST-BO-165	7.0	CARDIFF	5.3
GOLDRUSH (BA 87-102)	6.7	CHALLENGER	5.3
LTP-620	6.7	CHICAGO (J-2582)	5.3
NIMBUS	6.7	NJ-GD	5.3
PICK-855	6.7	PLATINI	5.3
SEABRING (BA 79-260)	6.7	PRINCETON 105	5.3
SRX 2205	6.7	QUANTUM LEAP (J-1567)	5.3
ASCOT	6.3	SODNET	5.3
EA 81-058	6.3	ZPS-2183	5.3
BARON	6.3	ABSOLUTE (MED-1497)	5.0
BARONIE	6.3	BA 75-163	5.0
BLACKSBURG	6.3	BAR VB 233	5.0
BLUECHIP (MED-1991)	6.3	BARIRIS (BAR VB 5649)	5.0
CHATEAU	6.3	J-1555	5.0
EXPLORER (PICK-3561)	6.3	LIBERATOR (ZPS-2572)	5.0
GLADE	6.3	LIMOUSINE	5.0
HAGA	6.3	SHOWCASE (PST-BO-141)	5.0
LIVINGSTON	6.3	BA 76-197	4.7
PEPAYA (DP 37-192)	6.3	BAR VB 3115B	4.7
PICK 8	6.3	BAR VB 6820	4.7
SIDEKICK	6.3	BRILLIANT (PST-B2-42)	4.7
SR 2100	6.3	JEFFERSON	4.7
EA 81-270	6.0	MED-1580	4.7
BLACKSTONE (PST-638)	6.0	NUGLADE	4.7
H86-690	6.0	ODYSSEY (J-1561)	4.7
HV 130	6.0	UNIQUE	4.7

TABLE 37. PINK SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE

NAME	UT1
WILDWOOD	4.7
ALLURE	4.3
APOLLO (PST-B3-180)	4.3
ARCADIA (J-1936)	4.3
BARTITIA	4.3
COMPACT	4.3
MIDNIGHT	4.3
MOONLIGHT (PST-A418)	4.3
NJ 1190	4.3
PST-P46	4.3
ZPS-309	4.3
A88-744	4.0
AMERICA	4.0
TOTAL ECLIPSE (TCR-1738)	4.0
NJ-54	3.7
LSD VALUE	2.5
C.V. (%)	26.8

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 38. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	NJ1	NAME	NJ1
ASCOT	9.0	GLADE	6.7
BA 81-113	9.0	GOLDRUSH (BA 87-102)	6.7
BARTITIA	9.0	IMPACT (J-1576)	6.7
BLACKSTONE (PST-638)	9.0	RAVEN	6.7
BLUECHIP (MED-1991)	9.0	BAR VB 3115B	6.5
J-1555	9.0	LIBERATOR (ZPS-2572)	6.3
LIMOUSINE	9.0	PRINCETON 105	6.3
LIPOA	9.0	SRX 2205	6.3
NJ 1190	9.0	ZPS-309	6.3
NJ-54	9.0	A88-744	6.0
PICK 8	9.0	BA 75-490	6.0
ZPS-2183	9.0	BARON	6.0
ABSOLUTE (MED-1497)	8.5	BRILLIANT (PST-B2-42)	6.0
BA 76-197	8.5	DRAGON (ZPS-429)	6.0
CHICAGO (J-2582)	8.5	ECLIPSE	6.0
PST-P46	8.5	MARQUIS	6.0
NORTH STAR (PST-A7-60)	8.3	PLATINI	6.0
PICK-855	8.3	VB 16015	6.0
BA 70-060	8.0	ABBAY	5.7
BA 75-163	8.0	AWARD	5.7
SEABRING (BA 79-260)	8.0	BARIRIS (BAR VB 5649)	5.7
MED-1580	7.7	CALIBER	5.7
MOONLIGHT (PST-A418)	7.7	HV 242	5.7
NUSTAR	7.7	NJ-GD	5.7
ODYSSEY (J-1561)	7.7	TOTAL ECLIPSE (TCR-1738)	5.7
AMERICA	7.5	QUANTUM LEAP (J-1567)	5.5
BLACKSBURG	7.3	WILDWOOD	5.5
HAGA	7.3	APOLLO (PST-B3-180)	5.3
JEFFERSON	7.3	BARONIE	5.3
MIDNIGHT	7.3	CHALLENGER	5.3
NUGLADE	7.3	BA 73-373	5.0
SHOWCASE (PST-BO-141)	7.3	BA 81-270	5.0
BAR VB 6820	7.0	BAR VB 233	5.0
CONNI	7.0	CLASSIC	5.0
EXPLORER (PICK-3561)	7.0	COMPACT	5.0
FORTUNA	7.0	KENBLUE	5.0
LIVINGSTON	7.0	LKB-95	5.0
MISTY (BA 76-372)	7.0	SERENE (PST-A7-245A)	5.0
NIMBUS	7.0	SHAMROCK	5.0
RUGBY II (MED-18)	7.0	SR 2100	5.0
SODNET	7.0	ALLURE	4.7
SR 2000	7.0	ARCADIA (J-1936)	4.5
SR 2109	7.0	ENVICTA (BA 75-173)	4.5
UNIQUE	7.0	SIDEKICK	4.5

TABLE 38. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE

NAME	NJ1
BA 81-058	4.0
COVENTRY	4.0
LTP-620	4.0
PST-BO-165	4.0
RAMBO (J-2579)	4.0
BA 81-220	3.7
CHAMPAGNE (LTP-621)	3.7
BA 77-702	3.0
JEWEL (BA 81-227)	3.0
CHATEAU	2.7
HV 130	2.5
LSD VALUE	3.6
C.V. (%)	30.1

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 39. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	ON1	NAME	ON1
ABBEY	8.0	PEPAYA (DP 37-192)	7.7
ABSOLUTE (MED-1497)	8.0	PICK-855	7.7
BA 81-220	8.0	PRINCETON 105	7.7
BARON	8.0	PST-P46	7.7
BLACKSBURG	8.0	QUANTUM LEAP (J-1567)	7.7
FORTUNA	8.0	RAVEN	7.7
H86-690	8.0	RUGBY II (MED-18)	7.7
LKB-95	8.0	SERENE (PST-A7-245A)	7.7
MISTY (BA 76-372)	8.0	SIDEKICK	7.7
MOONLIGHT (PST-A418)	8.0	SODNET	7.7
ODYSSEY (J-1561)	8.0	SR 2000	7.7
SEABRING (BA 79-260)	8.0	SR 2100	7.7
SHOWCASE (PST-BO-141)	8.0	TOTAL ECLIPSE (TCR-1738)	7.7
ZPS-2183	8.0	UNIQUE	7.7
APOLLO (PST-B3-180)	7.7	VB 16015	7.7
ARCADIA (J-1936)	7.7	WILDWOOD	7.7
ASCOT	7.7	A88-744	7.3
AWARD	7.7	ALLURE	7.3
BA 70-060	7.7	AMERICA	7.3
BA 75-490	7.7	BA 73-373	7.3
BA 76-197	7.7	BA 75-163	7.3
BA 81-113	7.7	BA 81-058	7.3
BA 81-270	7.7	BAR VB 6820	7.3
BARIRIS (BAR VB 5649)	7.7	BARONIE	7.3
BARTITIA	7.7	BARUZO	7.3
BLUECHIP (MED-1991)	7.7	BLACKSTONE (PST-638)	7.3
BRILLIANT (PST-B2-42)	7.7	CHAMPAGNE (LTP-621)	7.3
CARDIFF	7.7	CHATEAU	7.3
CHALLENGER	7.7	CLASSIC	7.3
CHICAGO (J-2582)	7.7	COMPACT	7.3
COVENTRY	7.7	CONNI	7.3
DRAGON (ZPS-429)	7.7	GOLDRUSH (BA 87-102)	7.3
ECLIPSE	7.7	HV 130	7.3
ENVICTA (BA 75-173)	7.7	J-1555	7.3
EXPLORER (PICK-3561)	7.7	KENBLUE	7.3
GLADE	7.7	LIBERATOR (ZPS-2572)	7.3
JEFFERSON	7.7	LIMOUSINE	7.3
JEWEL (BA 81-227)	7.7	NJ-54	7.3
LIPOA	7.7	NUGLADE	7.3
LIVINGSTON	7.7	NUSTAR	7.3
LTP-620	7.7	PICK 8	7.3
MIDNIGHT	7.7	PST-BO-165	7.3
NJ 1190	7.7	SHAMROCK	7.3
NJ-GD	7.7	SR 2109	7.3
NORTH STAR (PST-A7-60)	7.7	ZPS-309	7.3

TABLE 39. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1999 DATA

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

NAME	ON1
BA 77-702	7.0
BAR VB 233	7.0
BAR VB 3115B	7.0
CALIBER	7.0
HAGA	7.0
HV 242	7.0
IMPACT (J-1576)	7.0
MARQUIS	7.0
MED-1580	7.0
PLATINI	7.0
RAMBO (J-2579)	7.0
SRX 2205	7.0
NIMBUS	6.7
LSD VALUE	0.8
C.V. (%)	6.8

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

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

TABLE 40. FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	ON1	NAME	ON1
BLACKSTONE (PST-638)	8.3	MOONLIGHT (PST-A418)	8.0
FORTUNA	8.3	NIMBUS	8.0
GLADE	8.3	NJ 1190	8.0
PST-P46	8.3	NJ-GD	8.0
SHOWCASE (PST-BO-141)	8.3	NORTH STAR (EST-A7-60)	8.0
ALLURE	8.0	NUSTAR	8.0
ARCADIA (J-1936)	8.0	PEPAYA (DP 37-192)	8.0
ASCOT	8.0	PICK 8	8.0
BA 70-060	8.0	PICK-855	8.0
BA 75-163	8.0	PRINCETON 105	8.0
BA 77-702	8.0	PST-BO-165	8.0
BA 81-113	8.0	QUANTUM LEAP (J-1567)	8.0
BAR VB 233	8.0	RAVEN	8.0
BAR VB 3115B	8.0	RUGBY II (MED-18)	8.0
BARIRIS (BAR VB 5649)	8.0	SERENE (PST-A7-245A)	8.0
BARON	8.0	SR 2000	8.0
BARONIE	8.0	SRX 2205	8.0
BARTITIA	8.0	TOTAL ECLIPSE (TCR-1738)	8.0
BLACKSBURG	8.0	UNIQUE	8.0
BLUECHIP (MED-1991)	8.0	VB 16015	8.0
BRILLIANT (PST-B2-42)	8.0	WILDWOOD	8.0
CALIBER	8.0	ZPS-309	8.0
CARDIFF	8.0	A88-744	7.7
CHALLENGER	8.0	ABSOLUTE (MED-1497)	7.7
CHATEAU	8.0	AMERICA	7.7
CHICAGO (J-2582)	8.0	APOLLO (PST-B3-180)	7.7
CLASSIC	8.0	AWARD	7.7
CONNI	8.0	BA 73-373	7.7
COVENTRY	8.0	BA 75-490	7.7
DRAGON (ZPS-429)	8.0	BA 76-197	7.7
ENVICTA (BA 75-173)	8.0	BA 81-058	7.7
GOLDRUSH (BA 87-102)	8.0	BA 81-220	7.7
H86-690	8.0	BA 81-270	7.7
HAGA	8.0	BAR VB 6820	7.7
IMPACT (J-1576)	8.0	BARUZO	7.7
JEFFERSON	8.0	CHAMPAGNE (LTP-621)	7.7
JEWEL (BA 81-227)	8.0	ECLIPSE	7.7
LIBERATOR (ZPS-2572)	8.0	EXPLORER (PICK-3561)	7.7
LIMOUSINE	8.0	HV 242	7.7
LIVINGSTON	8.0	KENBLUE	7.7
LKB-95	8.0	LIPPOA	7.7
LTP-620	8.0	MISTY (BA 76-372)	7.7
MARQUIS	8.0	NJ-54	7.7
MED-1580	8.0	ODYSSEY (J-1561)	7.7
MIDNIGHT	8.0	RAMBO (J-2579)	7.7

TABLE 40. FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1999 DATA

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

NAME	ON1
SEABRING (BA 79-260)	7.7
SHAMROCK	7.7
SIDEKICK	7.7
SODNET	7.7
SR 2100	7.7
SR 2109	7.7
ZPS-2183	7.7
ABBAY	7.3
COMPACT	7.3
HV 130	7.3
NUGLADE	7.3
PLATINI	7.3
J-1555	7.0
LSD VALUE	0.7
C.V. (%)	5.2

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 41. FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

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

NAME	ON1	NAME	ON1
ABBEY	8.0	NUGLADE	8.0
ALLURE	8.0	ODYSSEY (J-1561)	8.0
APOLLO (PST-B3-180)	8.0	PICK 8	8.0
ARCADIA (J-1936)	8.0	PICK-855	8.0
ASCOT	8.0	PLATINI	8.0
BA 70-060	8.0	PRINCETON 105	8.0
BA 73-373	8.0	PST-BO-165	8.0
BA 75-163	8.0	PST-P46	8.0
BA 75-490	8.0	RAVEN	8.0
BA 76-197	8.0	RUGBY II (MED-18)	8.0
BA 77-702	8.0	SEABRING (BA 79-260)	8.0
BA 81-113	8.0	SERENE (PST-A7-245A)	8.0
BA 81-220	8.0	SODNET	8.0
BAR VB 6820	8.0	SR 2000	8.0
BARIRIS (BAR VB 5649)	8.0	SR 2100	8.0
BARON	8.0	SR 2109	8.0
BARONIE	8.0	VB 16015	8.0
BARTITIA	8.0	ZPS-2183	8.0
BLACKSTONE (PST-638)	8.0	ZPS-309	8.0
BLUECHIP (MED-1991)	8.0	A88-744	7.7
BRILLIANT (PST-B2-42)	8.0	ABSOLUTE (MED-1497)	7.7
CHAMPAGNE (LTP-621)	8.0	AWARD	7.7
CLASSIC	8.0	BA 81-058	7.7
COVENTRY	8.0	BA 81-270	7.7
DRAGON (ZPS-429)	8.0	BAR VB 233	7.7
ENVICTA (BA 75-173)	8.0	BLACKSBURG	7.7
FORTUNA	8.0	CALIBER	7.7
GLADE	8.0	CARDIFF	7.7
GOLDRUSH (BA 87-102)	8.0	CHATEAU	7.7
H86-690	8.0	CHICAGO (J-2582)	7.7
HAGA	8.0	COMPACT	7.7
HV 130	8.0	CONNI	7.7
HV 242	8.0	ECLIPSE	7.7
IMPACT (J-1576)	8.0	EXPLORER (PICK-3561)	7.7
JEFFERSON	8.0	KENBLUE	7.7
LIBERATOR (ZPS-2572)	8.0	LIMOUSINE	7.7
LIPOA	8.0	LIVINGSTON	7.7
LKB-95	8.0	MISTY (BA 76-372)	7.7
LTP-620	8.0	NIMBUS	7.7
MARQUIS	8.0	NJ 1190	7.7
MED-1580	8.0	NORTH STAR (PST-A7-60)	7.7
MIDNIGHT	8.0	NUSTAR	7.7
MOONLIGHT (PST-A418)	8.0	PEPAYA (DP 37-192)	7.7
NJ-54	8.0	RAMBO (J-2579)	7.7
NJ-GD	8.0	SHAMROCK	7.7

TABLE 41. FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

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

NAME	ON1
SHOWCASE (PST-BO-141)	7.7
SIDEKICK	7.7
SRX 2205	7.7
TOTAL ECLIPSE (TCR-1738)	7.7
UNIQUE	7.7
WILDWOOD	7.7
AMERICA	7.3
BAR VB 3115B	7.3
BARUZO	7.3
CHALLENGER	7.3
J-1555	7.3
JEWEL (BA 81-227)	7.3
QUANTUM LEAP (J-1567)	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 42.

SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE

NAME	NJ2	PA1	MEAN	NAME	NJ2	PA1	MEAN
BAR VB 3115B	9.0	9.0	9.0	SHOWCASE (PST-BO-141)	6.0	7.0	6.5
AWARD	8.7	9.0	8.8	SR 2000	5.0	7.7	6.3
LIBERATOR (ZPS-2572)	8.7	9.0	8.8	CHICAGO (J-2582)	6.3	.	6.3
MIDNIGHT	8.7	9.0	8.8	H86-690	3.3	9.0	6.2
TOTAL ECLIPSE (TCR-1738)	8.7	8.7	8.7	ALLURE	5.3	7.0	6.2
GLADE	8.0	9.0	8.5	BAR VB 6820	6.0	6.3	6.2
KENBLUE	8.0	9.0	8.5	LTP-620	4.3	8.0	6.2
NUGLADE	8.7	8.3	8.5	BA 75-490	5.0	7.0	6.0
PRINCETON 105	8.0	9.0	8.5	CHALLENGER	5.0	7.0	6.0
ARCADIA (J-1936)	8.3	.	8.3	COMPACT	5.0	6.7	5.8
EXPLORER (PICK-3561)	8.3	.	8.3	HAGA	4.3	7.3	5.8
RUGBY II (MED-18)	8.3	8.3	8.3	UNIQUE	5.3	6.3	5.8
JEFFERSON	8.0	8.7	8.3	APOLLO (PST-B3-180)	4.7	6.7	5.7
LIMOUSINE	8.0	8.7	8.3	BA 81-058	5.0	6.3	5.7
ODYSSEY (J-1561)	8.0	8.7	8.3	HV 130	2.7	8.7	5.7
MOONLIGHT (PST-A418)	7.3	9.0	8.2	CALIBER	4.0	7.0	5.5
NJ 1190	7.7	8.7	8.2	COVENTRY	4.3	6.7	5.5
SRX 2205	7.3	9.0	8.2	JEWEL (BA 81-227)	4.3	6.7	5.5
WILDWOOD	7.7	8.7	8.2	PLATINI	4.3	6.7	5.5
ABSOLUTE (MED-1497)	7.0	9.0	8.0	SEABRING (BA 79-260)	4.0	7.0	5.5
BLACKSTONE (PST-638)	7.0	9.0	8.0	AMERICA	5.7	5.0	5.3
CONNI	7.0	9.0	8.0	BARUZO	3.7	7.0	5.3
NUSTAR	7.3	8.7	8.0	CHATEAU	4.3	6.3	5.3
ZPS-2183	7.3	8.7	8.0	MED-1580	5.3	.	5.3
BARTITIA	6.7	9.0	7.8	BA 75-163	3.7	6.7	5.2
SR 2109	7.7	8.0	7.8	BA 76-197	4.7	5.7	5.2
BLACKSBURG	7.0	8.3	7.7	BA 81-270	4.7	5.7	5.2
IMPACT (J-1576)	8.3	7.0	7.7	BARIRIS (BAR VB 5649)	4.7	5.7	5.2
LKB-95	6.3	9.0	7.7	ASCOT	4.0	6.3	5.2
NORTH STAR (PST-A7-60)	6.7	8.7	7.7	MISTY (BA 76-372)	5.0	5.3	5.2
PICK-855	6.3	9.0	7.7	SODNET	3.0	7.3	5.2
PST-P46	7.3	8.0	7.7	NIMBUS	4.7	5.3	5.0
QUANTUM LEAP (J-1567)	8.0	7.3	7.7	NJ-54	3.3	6.3	4.8
RAMBO (J-2579)	7.0	8.0	7.5	BAR VB 233	3.7	5.7	4.7
CHAMPAGNE (LTP-621)	5.7	9.0	7.3	MARQUIS	2.3	7.0	4.7
LIVINGSTON	6.0	8.0	7.0	SR 2100	3.0	6.0	4.5
NJ-GD	5.3	8.7	7.0	A88-744	3.3	5.3	4.3
PICK 8	5.7	8.3	7.0	PST-BO-165	3.3	5.3	4.3
ECLIPSE	6.0	7.7	6.8	VB 16015	2.7	6.0	4.3
J-1555	6.7	.	6.7	HV 242	5.0	3.3	4.2
SERENE (PST-A7-245A)	5.0	8.3	6.7	FORTUNA	2.0	5.7	3.8
BRILLIANT (PST-B2-42)	6.3	6.7	6.5	BA 77-702	2.7	5.0	3.8
CARDIFF	4.3	8.7	6.5	LIPOA	3.3	4.3	3.8
SHAMROCK	4.7	8.3	6.5	RAVEN	2.3	5.0	3.7

TABLE 42. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE

NAME	NJ2	PA1	MEAN
GOLDRUSH (BA 87-102)	3.7	3.7	3.7
BA 73-373	2.3	4.7	3.5
BA 81-220	3.7	3.3	3.5
BLUECHIP (MED-1991)	2.3	4.7	3.5
PEPAYA (DP 37-192)	3.3	3.7	3.5
CLASSIC	2.0	4.7	3.3
BARONIE	2.3	4.3	3.3
ENVICTA (BA 75-173)	2.7	4.0	3.3
BA 70-060	2.3	3.7	3.0
BARON	2.0	4.0	3.0
SIDEKICK	1.7	3.7	2.7
ZPS-309	1.3	4.0	2.7
ABBAY	1.3	3.0	2.2
BA 81-113	1.3	2.7	2.0
DRAGON (ZPS-429)	1.0	2.7	1.8
LSD VALUE	1.7	1.6	1.2
C.V. (%)	20.7	14.5	17.2

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 43. PERCENT PATCH DISEASE (AUGUST) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
 1999 DATA

NAME	KY1	NAME	KY1
PEPAYA (DP 37-192)	93.7	MARQUIS	28.3
BAR VB 6820	84.3	CHALLENGER	27.3
BARTITIA	84.0	BA 75-163	26.7
SODNET	82.3	NUSTAR	26.3
SR 2109	79.0	LIMOUSINE	26.0
LIPOA	75.0	NIMBUS	25.7
SRX 2205	73.7	A88-744	25.3
CHATEAU	73.3	RAVEN	24.7
HV 242	73.3	BA 73-373	23.7
NJ 1190	70.3	SHAMROCK	23.7
BLACKSTONE (PST-638)	70.0	HAGA	22.7
COVENTRY	67.3	AMERICA	22.3
BARUZO	66.3	MISTY (BA 76-372)	22.3
BA 81-270	66.0	CHICAGO (J-2582)	22.0
LKB-95	61.7	BA 81-058	21.3
PST-P46	61.7	BA 75-490	21.0
BLUECHIP (MED-1991)	60.7	ODYSSEY (J-1561)	21.0
H86-690	60.7	CALIBER	20.3
HV 130	60.0	APOLLO (EST-B3-180)	20.0
JEWEL (BA 81-227)	60.0	BARONIE	19.7
BARIRIS (BAR VB 5649)	59.0	NJ-54	19.3
BLACKSBURG	58.3	DRAGON (ZPS-429)	19.0
SR 2100	54.0	RAMBO (J-2579)	19.0
CARDIFF	53.3	VB 16015	18.7
ALLURE	52.3	ABSOLUTE (MED-1497)	17.7
CONNI	48.7	BA 77-702	17.3
PST-BO-165	43.0	ECLIPSE	17.0
WILDWOOD	41.7	FORTUNA	16.7
LTP-620	39.3	NORTH STAR (PST-A7-60)	16.7
COMPACT	37.7	NJ-GD	16.0
LIVINGSTON	37.7	BRILLIANT (PST-B2-42)	15.7
PICK-855	37.3	ENVICTA (BA 75-173)	15.7
ZPS-2183	37.3	ZPS-309	15.0
SEABRING (BA 79-260)	37.0	BAR VB 3115B	14.7
PICK 8	36.0	GLADE	13.3
SERENE (PST-A7-245A)	36.0	IMPACT (J-1576)	13.3
ASCOT	35.3	BARON	13.0
BA 70-060	34.3	KENBLUE	12.3
BAR VB 233	33.3	BA 81-220	11.7
GOLDRUSH (BA 87-102)	31.7	CHAMPAGNE (LTP-621)	11.7
BA 76-197	31.0	PRINCETON 105	11.7
BA 81-113	30.0	J-1555	11.3
PLATINI	30.0	AWARD	11.0

TABLE 43. PERCENT PATCH DISEASE (AUGUST) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

NAME	KY1
CLASSIC	9.3
MED-1580	9.0
ABBAY	8.7
MOONLIGHT (PST-A418)	8.7
JEFFERSON	8.3
LIBERATOR (ZPS-2572)	7.7
MIDNIGHT	7.3
SR 2000	7.0
QUANTUM LEAP (J-1567)	6.3
NUGLADE	6.0
ARCADIA (J-1936)	5.7
EXPLORER (PICK-3561)	5.3
SIDEKICK	4.7
TOTAL ECLIPSE (TCR-1738)	3.7
UNIQUE	3.3
SHOWCASE (PST-BO-141)	2.3
RUGBY II (MED-18)	2.0
LSD VALUE	32.2
C.V. (%)	62.8

- 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 44. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1999 DATA

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

NAME	OK1	NAME	OK1
A88-744	9.0	HV 242	9.0
ABBEY	9.0	IMPACT (J-1576)	9.0
ABSOLUTE (MED-1497)	9.0	J-1555	9.0
ALLURE	9.0	JEFFERSON	9.0
AMERICA	9.0	JEWEL (BA 81-227)	9.0
APOLLO (PST-B3-180)	9.0	KENBLUE	9.0
ARCADIA (J-1936)	9.0	LIBERATOR (ZPS-2572)	9.0
ASCOT	9.0	LIMOUSINE	9.0
AWARD	9.0	LIPOA	9.0
BA 70-060	9.0	LIVINGSTON	9.0
BA 73-373	9.0	LTP-620	9.0
BA 75-163	9.0	MARQUIS	9.0
BA 75-490	9.0	MED-1580	9.0
BA 81-058	9.0	MIDNIGHT	9.0
BA 81-113	9.0	MISTY (BA 76-372)	9.0
BA 81-220	9.0	NIMBUS	9.0
BA 81-270	9.0	NJ-GD	9.0
BAR VB 233	9.0	NORTH STAR (PST-A7-60)	9.0
BARIRIS (BAR VB 5649)	9.0	NUGLADE	9.0
BARON	9.0	NUSTAR	9.0
BARONIE	9.0	ODYSSEY (J-1561)	9.0
BARTITIA	9.0	PICK 8	9.0
BARUZO	9.0	PLATINI	9.0
BLACKSBURG	9.0	PRINCETON 105	9.0
BLUECHIP (MED-1991)	9.0	PST-BO-165	9.0
BRILLIANT (PST-B2-42)	9.0	PST-P46	9.0
CALIBER	9.0	QUANTUM LEAP (J-1567)	9.0
CHALLENGER	9.0	RAMBO (J-2579)	9.0
CHAMPAGNE (LTP-621)	9.0	RAVEN	9.0
CHATEAU	9.0	RUGBY II (MED-18)	9.0
CHICAGO (J-2582)	9.0	SEABRING (BA 79-260)	9.0
CLASSIC	9.0	SERENE (PST-A7-245A)	9.0
COMPACT	9.0	SHAMROCK	9.0
CONNI	9.0	SHOWCASE (PST-BO-141)	9.0
COVENTRY	9.0	SIDEKICK	9.0
DRAGON (ZPS-429)	9.0	SODNET	9.0
ECLIPSE	9.0	SR 2000	9.0
ENVICTA (BA 75-173)	9.0	SR 2100	9.0
EXPLORER (PICK-3561)	9.0	SRX 2205	9.0
FORTUNA	9.0	TOTAL ECLIPSE (TCR-1738)	9.0
GLADE	9.0	UNIQUE	9.0
GOLDRUSH (BA 87-102)	9.0	VB 16015	9.0
H86-690	9.0	WILDWOOD	9.0
HAGA	9.0	ZPS-309	9.0
HV 130	9.0	BA 76-197	8.3

TABLE 44. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1999 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE

NAME	OK1
BA 77-702	8.3
BAR VB 3115B	8.3
MOONLIGHT (PST-A418)	8.3
NJ 1190	8.3
LKB-95	8.0
PICK-855	8.0
SR 2109	8.0
BAR VB 6820	7.7
BLACKSTONE (PST-638)	7.7
CARDIFF	7.7
ZPS-2183	7.7
NJ-54	6.7
PEPAYA (DP 37-192)	6.3
LSD VALUE	1.1
C.V. (%)	7.8

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 45. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME 1/
1999 DATA

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

NAME	JUNE	JULY	SEPTEMBER	MEAN
BLACKSBURG	8.7	9.0	8.7	8.8
WILDWOOD	9.0	8.7	8.0	8.6
NORTH STAR (PST-A7-60)	9.0	8.7	7.7	8.4
NUGLADE	8.0	8.7	8.7	8.4
PRINCETON 105	8.7	8.7	7.7	8.3
IMPACT (J-1576)	7.7	8.7	8.3	8.2
ASCOT	8.7	8.7	7.0	8.1
APOLLO (PST-B3-180)	9.0	8.7	6.3	8.0
BAR VB 6820	7.7	8.7	7.7	8.0
PICK 8	8.7	7.7	7.7	8.0
RAMBO (J-2579)	7.0	8.7	8.3	8.0
RUGBY II (MED-18)	7.0	8.7	8.3	8.0
TOTAL ECLIPSE (TCR-1738)	8.7	7.7	7.7	8.0
LKB-95	7.3	9.0	7.3	7.9
ABSOLUTE (MED-1497)	7.7	8.0	7.7	7.8
BAR VB 233	7.3	8.7	7.3	7.8
BLACKSTONE (PST-638)	6.3	9.0	8.0	7.8
BRILLIANT (PST-B2-42)	6.7	8.7	8.0	7.8
NJ 1190	6.7	8.3	8.3	7.8
A88-744	8.0	8.3	6.7	7.7
BAR VB 3115B	6.3	8.3	8.3	7.7
MOONLIGHT (PST-A418)	7.7	7.7	7.3	7.6
BARTITIA	5.3	8.7	8.3	7.4
ODYSSEY (J-1561)	8.0	7.7	6.7	7.4
SR 2109	7.0	9.0	6.3	7.4
UNIQUE	9.0	7.7	5.3	7.3
AMERICA	7.7	7.7	6.3	7.2
CHAMPAGNE (LTP-621)	7.0	7.7	7.0	7.2
CONNI	7.3	7.7	6.7	7.2
ECLIPSE	7.3	7.7	6.7	7.2
GOLDRUSH (BA 87-102)	8.3	8.0	5.3	7.2
HV 242	7.7	7.3	6.7	7.2
QUANTUM LEAP (J-1567)	6.3	7.7	7.7	7.2
SHOWCASE (PST-BO-141)	7.7	7.7	6.3	7.2
SODNET	6.0	8.0	7.7	7.2
ZPS-309	7.3	8.0	6.3	7.2
CLASSIC	6.3	8.0	7.0	7.1
SR 2100	7.3	7.7	6.3	7.1
BA 81-270	6.0	7.7	7.3	7.0
MIDNIGHT	7.0	7.7	6.3	7.0
PICK-855	7.3	8.7	5.0	7.0
SHAMROCK	6.0	8.0	7.0	7.0
BA 70-060	7.7	7.3	5.7	6.9
CHICAGO (J-2582)	7.7	6.7	6.3	6.9
HV 130	8.3	6.7	5.7	6.9

TABLE 45. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1999 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	JUNE	JULY	SEPTEMBER	MEAN
RAVEN	7.7	7.7	5.3	6.9
SR 2000	5.3	8.7	6.7	6.9
ARCADIA (J-1936)	6.3	7.3	6.7	6.8
JEWEL (BA 81-227)	7.3	6.3	6.7	6.8
MED-1580	5.7	8.3	6.3	6.8
NJ-54	7.3	7.7	5.3	6.8
BA 81-220	8.7	6.0	5.3	6.7
LIMOUSINE	6.7	7.3	6.0	6.7
PST-P46	8.3	6.3	5.3	6.7
ZPS-2183	7.7	6.7	5.7	6.7
COVENTRY	7.3	6.3	5.7	6.4
MISTY (BA 76-372)	8.0	6.7	4.7	6.4
SERENE (PST-A7-245A)	5.7	8.0	5.7	6.4
JEFFERSON	5.7	7.7	5.7	6.3
LIBERATOR (ZPS-2572)	5.3	7.3	6.3	6.3
NUSTAR	6.0	6.3	6.3	6.2
BARIRIS (BAR VB 5649)	6.0	7.3	5.0	6.1
EXPLORER (PICK-3561)	6.3	7.0	5.0	6.1
LIVINGSTON	6.0	7.3	5.0	6.1
BA 81-058	5.0	6.7	6.3	6.0
BA 81-113	6.3	7.7	4.0	6.0
J-1555	5.0	6.3	6.7	6.0
H86-690	5.0	6.3	6.3	5.9
LIPOA	7.7	5.3	4.7	5.9
BARUZO	5.3	7.3	4.7	5.8
DRAGON (ZPS-429)	5.3	6.3	5.7	5.8
ENVICTA (BA 75-173)	6.3	7.3	3.7	5.8
FORTUNA	6.3	6.7	4.3	5.8
GLADE	5.3	6.3	5.7	5.8
MARQUIS	6.3	6.7	4.3	5.8
ABBAY	5.7	7.0	4.3	5.7
BA 77-702	5.0	7.0	5.0	5.7
CHALLENGER	5.3	6.0	5.7	5.7
BA 75-490	2.7	8.0	6.0	5.6
BARONIE	4.3	7.0	5.3	5.6
PLATINI	5.0	6.0	5.7	5.6
AWARD	6.3	5.7	4.3	5.4
CALIBER	4.7	6.7	5.0	5.4
HAGA	4.7	7.3	4.3	5.4
NIMBUS	5.3	7.3	3.7	5.4
SRX 2205	5.7	7.0	3.7	5.4
BARON	5.7	6.7	3.7	5.3
BA 73-373	5.7	6.3	3.7	5.2
BA 76-197	5.0	7.0	3.7	5.2
BLUECHIP (MED-1991)	6.0	6.0	3.7	5.2

TABLE 45. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1999 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	JUNE	JULY	SEPTEMBER	MEAN
CHATEAU	6.3	5.0	4.3	5.2
SIDEKICK	6.0	4.7	4.7	5.1
BA 75-163	5.7	5.7	3.7	5.0
ALLURE	4.3	5.7	4.7	4.9
CARDIFF	3.3	6.7	4.0	4.7
NJ-GD	3.7	6.7	3.7	4.7
PST-BO-165	5.7	5.3	3.0	4.7
LTP-620	3.0	6.7	4.0	4.6
PEPAYA (DP 37-192)	7.0	4.3	2.0	4.4
COMPACT	3.7	4.7	4.0	4.1
SEABRING (BA 79-260)	4.3	4.3	2.3	3.7
KENBLUE	2.0	4.0	4.0	3.3
VB 16015	2.3	4.0	3.0	3.1
LSD VALUE	4.0	3.5	3.4	2.7
C.V. (%)	29.6	21.7	30.5	21.6

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

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