

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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LOCATIONS SUBMITTING DATA FOR 1996-2000

<u>State</u>	<u>Location</u>	<u>Code</u>
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
Maryland	Beltsville	UB1
Maryland	Beltsville (Spread Study)	UB2
Maryland	Silver Spring	MD1
Maryland	Silver Spring (Shade)	MD2
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
Nebraska	Lincoln (Entomology)	NE2
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, Inc.	52	Ascot	The Scotts Company
2	Baron	Standard Entry	53	Coventry	The Scotts Company
3	A88-744	AgriBiotech, Inc.	54	Sidekick	Ampac Seed Co.
4	Shamrock	LESCO, Inc.	55	Ba 70-060	The Scotts Company
5	Wildwood	LESCO, Inc.	56	Ba 73-373	The Scotts Company
6	LKB-95	LESCO, Inc.	57	Envicta (Ba 75-173)	The Scotts Company
7	Chateau	ProSeeds Marketing, Inc.	58	Ba 75-490	The Scotts Company
8	Pepaya (DP 37-192)	DLF/Trifolium	59	Ba 76-197	The Scotts Company
9	Lipoa	Deutsche Saatveredelung	60	Misty (Ba 76-372)	Pennington Seed, Inc.
10	America	Pickseed West, Inc.	61	Seabring (Ba 79-260)	ProSeeds Marketing, Inc.
11	Haga	ProSeeds Marketing, Inc.	62	Baronette (Ba 81-058)	Barenbrug USA, Inc.
12	Baritone (BAR VB 233)	Barenbrug USA, Inc.	63	Ba 81-113	The Scotts Company
13	BAR VB 3115B	Barenbrug USA, Inc.	64	Ba 81-220	The Scotts Company
14	Bariris (BAR VB 5649)	Barenbrug USA, Inc.	65	Jewel (Ba 81-227)	The Scotts Company
15	BAR VB 6820	Barenbrug USA, Inc.	66	Ba 81-270	The Scotts Company
16	Ba 75-163	The Scotts Company	67	Goldrush (Ba 87-102)	The Scotts Co.
17	Ba 77-702	The Scotts Company	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	Advocate (HV 130)	Ampac Seed Co.	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, Inc.	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)	Seed Research of Oregon
28	Bluechip (MED-1991)	Simplot Turf & Horticulture	79	NJ 1190	C. R. Funk - Rutgers University
29	Classic	Simplot/Jacklin Seed	80	Challenger	Turf-Seed, Inc.
30	Caliber	Simplot/Jacklin Seed	81	Blacksburg	Turf-Seed, Inc.
31	J-1555	Simplot Turf & Horticulture	82	Unique	Turf-Seed, Inc.
32	Odyssey (J-1561)	Simplot/Jacklin Seed	83	Midnight	Standard Entry
33	Eclipse	Simplot Turf & Horticulture	84	ZPS-309	ProSeeds Marketing, Inc.
34	NuStar	Simplot Turf & Horticulture	85	Dragon (ZPS-429)	ProSeeds Marketing, Inc.
35	Award	Simplot Turf & Horticulture	86	ZPS-2183	ProSeeds Marketing, Inc.
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)	Simplot/Jacklin Seed	89	Compact	DLF/Trifolium
39	Arcadia (J-1936)	Seed Research of Oregon	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)	Simplot/Jacklin Seed	96	Cardiff	Cebeco International Seeds, Inc.
46	Pick-855	Pickseed West, Inc.	97	Fortuna	Cebeco International Seeds, Inc.
47	SR 2000	Seed Research of Oregon	98	VB 16015	Cebeco International Seeds, Inc.
48	SR 2100	Seed Research of Oregon	99	Baronie	Barenbrug USA
49	SR 2109	Seed Research of Oregon	100	Bartitia	Barenbrug USA
50	SRX 2205	Seed Research of Oregon	101	Baruzo	Barenbrug USA
51	Abbey	The Scotts Company	102	NJ-54	C. R. Funk - Rutgers University
			103	Apollo (PST-B3-180)	ProSeeds Marketing, Inc.

TABLE A.

1996-2000 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	SILTY CLAY LOAM	6.1-6.5	271-450	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	376-500	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	ONLY DURING SEVERE STRESS
MA1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MD1	LOAMY SAND	4.6-5.5	451+	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MD2	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	2.1-3.0	DENSE SHADE	2.6-3.0	TO PREVENT DORMANCY
ME1	-	-	-	-	-	-	-	-
MI1	SANDY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MN1	SILTY CLAY LOAM	6.6-7.0	151-270	376-500	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
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	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NC1	SANDY CLAY LOAM	5.6-6.0	61-150	0-150	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
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
NE2	SILTY CLAY LOAM	7.1-7.5	0-60	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
NJ1	SANDY LOAM	6.1-6.5	271-450	241-375	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OH1	SILTY CLAY LOAM	6.6-7.0	0-60	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.6-7.0	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	LOAMY SAND	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	NO IRRIGATION
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
UB1	SILT LOAM AND SILT	5.6-6.0	0-60	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
UB2	SILT LOAM AND SILT	4.6-5.5	451+	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	0-60	0-150	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	4.1-5.0	FULL SUN	1.6-4.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AB1					X	X	X	X	X	X			X	X	X
IA1					X	X	X	X	X	X			X	X	X
IA2				X	X	X	X	X	X	X			X	X	X
IL1				X	X	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		X	X	X
KY1			X	X	X	X	X	X	X	X			X	X	X
MA1				X	X	X	X	X	X	X			X	X	
MD1				X	X	X	X	X	X	X					
MD2				X	X	X	X	X	X	X	X				
ME1					X	X	X	X	X	X	X		X		X
MI1			X	X	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	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	X
NE2				X	X	X	X	X	X	X			X	X	X
NJ1	X			X	X	X	X	X	X	X	X	X	X	X	X
NJ2				X	X	X	X	X	X	X	X	X	X	X	X
OH1				X	X	X	X	X	X	X	X		X	X	X
OK1				X	X	X	X	X	X	X	X	X	X	X	X
ON1					X	X	X	X	X	X	X		X	X	X
PA1				X	X	X	X	X	X	X			X	X	X
QE1				X	X	X	X	X	X	X	X	X	X	X	X
RI1				X	X	X	X	X	X	X	X		X	X	X
UB1				X	X	X	X	X	X	X	X		X	X	X
UB2															
UT1			X	X	X	X	X	X	X	X	X		X	X	X
VA1			X	X	X	X	X	X	X	X	X	X	X	X	X
WA1				X	X	X	X	X	X	X			X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	WEAR TOLERANCE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	THATCH MEASUREMENT	GREY SNOW MOLD	MICRODOCHMIUM PATCH
AB1		X													
IA1						X									
IA2	X		X	X	X	X	X	X							
IL1		X	X	X	X										
IL2		X													
IN1		X													
KS1		X		X							X	X			
KY1		X		X		X		X							
MA1		X													
MD1															
MD2		X													
ME1				X		X									
MI1		X													
MN1		X	X	X	X	X	X	X				X			X
MO1		X	X	X	X	X	X	X							
MO3		X	X	X	X	X	X	X							
NC1		X	X	X	X	X	X	X		X					
NE1			X	X	X										
NE2			X	X	X										
NJ1		X					X	X		X					
NJ2		X					X	X		X	X				
OH1		X													
OK1		X	X	X	X	X	X	X		X					
ON1			X	X	X										
PA1		X	X		X	X			X						
QE1		X	X	X	X								X	X	
RI1		X													
UB1		X								X					
UB2															
UT1		X	X	X	X					X	X				
VA1		X					X			X					
WA1		X													

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	MELTING	LEAF SPOT	STEM RUST	DOLLAR SPOT	SUMMER PATCH	STRIPE SMUT	NECROTIC	CROWN RUST	POWDERY MILDEW	CHINCH BUGS	BILLBUG RATINGS	SOD STRENGTH	DAMPING OFF	POA	PERCENT	PERCENT WEEDS
	OUT SPRING						RING SPOT							ANNUA RATINGS	POA ANNUA	
AB1																
IA1		X														
IA2																
IL1				X	X											X
IL2		X														
IN1				X	X											
KS1			X								X					
KY1																
MA1																X
MD1												X				
MD2									X							
ME1													X			X
MI1																
MN1							X									
MO1																
MO3																
NC1			X	X	X			X								
NE1				X								X				
NE2																
NJ1		X			X				X	X					X	
NJ2		X				X					X					
OH1																
OK1				X	X											
ON1																
PA1	X			X												
QE1																
RI1																
UB1	X	X														
UB2																
UT1																
VA1				X												
WA1																

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	WEED COUNTS	STEMMINESS RATINGS	NECROTIC		LEAF RUST	PERCENT FUNGAL DISEASE	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	HEIGHT MEASUREMENTS	SEEDHEAD RATINGS	PERCENT PATCH DISEASE	PERCENT SUMMER PATCH	PINK SNOW MOLD	STEM RUST APRIL	STEM RUST JUNE	<u>DOLLAR SPOT RATINGS</u>			
			RING SPOT	IRON CHLOROSIS													AUG. 1997	SEPT. 1997	JUNE 2000	JULY 2000
AB1																				
IA1																				
IA2																				
IL1																				
IL2																				
IN1																				
KS1																				
KY1						X						X								
MA1																				
MD1																				
MD2																				
ME1																				
MI1																				
MN1																				
MO1																				
MO3																				
NC1					X										X	X	X	X	X	X
NE1				X																
NE2																				
NJ1													X							
NJ2		X										X								
OH1									X			X								
OK1					X					X										
ON1							X	X		X										
PA1				X								X								
QE1																				
RI1																				
UB1																				
UB2																				
UT1	X													X						
VA1																				
WA1																				

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996-2000

LOCATION	PERCENT PATCH		DISEASE RATINGS			SUMMER	SUMMER	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH
	AUG.14	AUG.27	OCT.7	JULY	AUGUST	PATCH	PATCH								
	1997	1997	1997	1998	1998	JULY	AUGUST	JULY 97	JULY 97	NOV. 97	NOV. 97	MAR. 98	MAR. 98	NOV. 98	NOV. 98
AB1															
IA1															
IA2															
IL1															
IL2						X	X								
IN1															
KS1															
KY1	X	X	X	X	X										
MA1															
MD1															
MD2															
* ME1															
MI1															
MN1															
MO1															
MO3															
NC1															
NE1															
NE2															
NJ1															
NJ2															
OH1															
OK1															
ON1															
PA1															
QE1															
RI1															
UB1															
UB2								X	X	X	X	X	X	X	X
UT1															
VA1															
WA1															

* FOR MORE LEAF SPOT RATINGS AT "ME1", SEE TABLE 70.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1996-2000 DATA

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

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	MA1	MD1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
* MIDNIGHT	6.9	7.4	6.3	5.1	7.2	6.1	5.2	8.1	5.2	5.0	7.7	5.8	6.5	5.1	7.4	5.6	6.3	6.5	6.4	8.4	7.2	6.4	5.4	7.6	6.4	6.7	6.2	5.4	7.3	6.4
* LIBERATOR (ZPS-2572)	7.0	7.7	6.4	5.1	7.2	5.8	4.8	7.8	5.0	5.7	7.6	5.9	6.5	4.9	7.4	5.9	6.9	6.1	6.2	8.2	7.0	6.6	5.4	7.5	5.9	6.9	5.9	5.5	6.8	6.4
* BRILLIANT (PST-B2-42)	7.1	7.3	6.7	5.5	7.2	6.9	5.6	7.5	6.2	4.8	7.7	6.0	6.2	5.2	6.4	5.4	6.7	5.2	5.3	8.0	6.4	6.7	6.9	7.3	5.9	6.8	6.2	5.5	6.5	6.4
* TOTAL ECLIPSE (TCR-1738)	6.8	7.3	6.7	5.4	6.7	5.9	4.6	8.3	5.4	5.2	8.0	5.4	6.3	5.0	7.6	5.1	6.8	5.2	6.3	8.1	7.0	6.0	5.4	7.5	5.9	7.1	6.4	4.9	7.1	6.3
* AWARD	7.2	7.7	6.3	5.0	6.2	6.1	4.6	7.8	4.6	5.8	7.4	6.1	6.2	5.0	7.2	5.2	6.6	5.4	5.9	8.2	7.2	6.1	6.0	7.5	6.6	6.6	6.2	5.4	7.1	6.3
* NUGLADE	7.1	7.0	6.5	5.6	6.1	5.8	4.4	8.4	5.3	5.5	7.9	6.0	6.3	4.9	7.3	5.4	6.2	5.6	6.0	8.3	7.6	6.2	5.6	7.5	5.6	7.0	5.9	5.1	7.1	6.3
* ODYSSEY (J-1561)	6.9	6.8	6.8	5.3	6.3	5.8	4.7	7.7	5.2	5.4	7.9	6.0	5.8	5.0	7.2	5.4	6.3	6.0	5.7	8.2	7.2	6.7	5.9	7.5	6.1	7.0	6.2	5.1	6.7	6.3
* UNIQUE	7.1	7.0	7.2	4.9	6.8	6.6	5.7	7.6	5.7	5.7	7.1	5.8	6.2	5.3	6.5	5.0	6.4	5.2	5.3	7.8	6.7	6.2	6.9	7.3	5.5	6.3	6.2	5.8	6.5	6.3
* IMPACT (J-1576)	6.6	7.1	6.0	5.2	6.8	5.6	4.4	7.8	5.2	5.4	7.7	6.2	6.0	5.1	7.2	5.2	6.7	5.4	5.9	8.1	7.4	6.1	5.6	7.5	6.0	7.0	6.3	5.3	7.1	6.3
* SHOWCASE (PST-BO-141)	6.7	7.1	7.1	5.5	7.1	6.4	5.8	7.6	6.1	5.7	6.5	5.8	5.7	4.8	6.3	5.2	6.3	5.2	5.3	8.0	6.4	6.3	6.5	7.5	6.0	5.9	6.3	5.7	6.7	6.3
* APOLLO (PST-B3-180)	6.6	6.5	6.5	5.0	6.9	6.5	6.2	7.2	5.9	5.5	7.6	5.9	6.4	5.0	6.2	5.4	5.9	5.4	5.1	8.1	6.7	6.9	6.6	7.2	6.1	6.3	6.2	5.4	6.4	6.3
* RUGBY II (MED-18)	7.2	6.6	6.8	5.6	5.9	5.8	4.7	7.7	4.9	5.4	7.3	6.1	6.1	5.1	7.2	4.9	6.6	5.5	5.5	8.3	6.9	6.8	5.5	7.4	6.1	6.5	5.9	5.3	7.2	6.2
* AMERICA	6.5	6.5	6.7	5.3	7.0	6.8	5.6	7.5	6.0	5.7	7.5	5.9	6.0	4.7	6.3	5.0	6.5	5.4	5.3	7.9	6.5	6.4	6.5	7.1	6.0	6.1	6.2	5.5	6.2	6.2
* PRINCETON 105	6.6	6.5	6.7	5.5	6.6	6.0	4.3	6.4	5.4	6.0	7.3	6.1	6.5	5.0	6.4	5.8	6.3	6.5	6.0	8.3	6.2	6.5	6.8	7.4	6.3	5.5	5.9	4.8	6.6	6.2
* BLACKSBURG	6.9	7.0	7.1	4.6	5.8	6.1	4.9	6.6	4.6	6.0	7.4	5.7	6.4	5.6	6.5	4.9	6.6	5.7	6.0	8.0	6.5	6.0	7.2	7.5	6.5	5.6	6.2	5.3	6.8	6.2
* BLACKSTONE (PST-638)	6.9	6.3	6.3	5.5	6.7	5.6	4.6	6.3	4.4	5.7	7.7	5.7	6.4	5.2	6.5	5.4	6.2	6.2	6.1	7.9	6.8	6.6	5.8	7.6	6.6	5.3	5.7	5.7	6.4	6.1
* QUANTUM LEAP (J-1567)	7.0	7.2	6.1	4.9	6.3	5.6	4.5	7.9	4.8	5.3	7.4	5.9	5.9	5.2	6.7	4.8	6.5	5.0	5.9	8.1	6.7	6.8	5.7	7.6	6.0	6.7	6.0	4.9	6.5	6.1
* PICK 8	7.0	6.9	6.4	5.1	7.1	5.6	4.8	7.3	4.5	5.6	7.0	5.9	6.0	5.0	6.6	5.1	6.2	6.0	5.6	7.8	7.1	6.7	6.2	7.2	5.9	5.3	5.9	5.4	6.5	6.1
* MOONLIGHT (PST-A418)	6.5	6.3	6.3	5.3	6.4	5.2	4.0	6.9	4.8	5.2	7.7	5.7	6.0	5.1	7.0	4.9	6.0	6.2	6.3	8.1	6.7	6.6	6.2	7.7	6.4	5.4	6.0	5.9	7.0	6.1
* ARCADIA (J-1936)	6.6	7.1	6.3	4.6	5.8	5.3	4.6	7.3	5.4	5.5	7.2	5.9	6.1	5.2	6.6	5.2	6.5	4.9	5.4	8.1	6.9	6.6	6.0	7.4	6.3	6.4	6.3	4.9	6.9	6.1
* ABSOLUTE (MED-1497)	7.2	7.5	6.4	5.6	5.5	6.2	4.1	6.5	4.5	5.8	7.5	6.1	6.5	5.2	6.9	5.2	6.2	4.3	4.8	8.2	6.8	6.8	5.9	7.5	5.5	6.3	6.1	4.9	7.0	6.1
* NORTH STAR (PST-A7-60)	6.7	6.8	6.7	6.0	5.2	6.2	4.2	6.6	5.2	5.4	6.8	6.4	6.4	5.3	6.1	5.3	5.9	5.8	5.2	8.0	6.2	6.6	7.2	7.2	7.3	5.3	6.3	4.0	6.5	6.1
* GLADE	6.7	6.6	5.9	5.1	5.6	5.7	4.8	7.5	5.1	5.6	6.6	6.1	6.0	5.4	6.3	4.9	5.9	5.0	4.9	7.9	6.3	6.3	6.2	7.1	6.4	6.1	6.4	5.1	6.6	6.0
* JEFFERSON	6.5	6.5	6.5	4.9	5.4	5.9	5.0	7.4	5.0	5.0	6.6	6.2	5.8	5.0	6.0	5.2	6.0	5.9	5.7	7.8	6.3	6.8	6.3	7.3	6.1	5.4	5.4	5.4	6.0	6.0
* WILDWOOD	6.9	6.8	6.6	5.3	5.6	5.9	5.0	6.2	4.4	5.4	7.9	6.4	6.7	5.1	6.5	4.8	5.9	4.5	5.4	7.9	6.4	6.2	6.6	7.2	5.8	5.1	5.6	4.4	6.7	6.0
* ECLIPSE	6.5	6.2	6.9	5.3	6.7	6.0	4.1	7.3	4.1	6.0	7.0	6.0	5.9	5.0	6.0	4.9	5.9	5.5	5.3	8.1	6.6	6.5	6.3	7.2	5.5	5.6	5.4	5.0	6.0	6.0
* RAMBO (J-2579)	7.0	6.5	6.2	5.1	5.4	6.2	4.2	6.8	6.0	5.1	7.5	6.0	5.9	5.4	6.1	4.7	6.6	4.1	5.0	7.9	6.6	6.4	6.4	7.2	5.4	6.7	5.7	4.3	5.9	6.0
* SERENE (PST-A7-245A)	6.8	6.7	7.2	5.1	6.4	5.8	4.1	6.8	5.1	5.6	7.1	5.9	5.7	5.4	6.8	4.7	6.5	4.3	4.7	7.8	6.2	6.7	5.9	7.2	5.3	5.3	5.8	5.1	6.1	5.9
* CHICAGO (J-2582)	6.5	6.4	6.6	4.8	6.6	5.6	4.4	6.8	5.0	5.7	7.1	6.2	5.8	5.1	6.1	4.6	6.0	4.1	4.8	8.1	6.8	6.5	6.0	7.2	5.8	6.2	5.9	5.2	6.3	5.9
* LIMOUSINE	7.1	6.1	7.2	4.9	5.0	6.5	4.3	6.1	6.3	5.9	7.9	5.4	6.1	5.1	6.1	4.4	6.0	5.5	4.6	7.9	5.7	7.2	5.9	7.1	5.3	7.4	5.8	4.0	5.4	5.9
* CHAMPAGNE (LTP-621)	6.7	6.3	6.8	5.0	6.0	5.7	4.7	7.1	4.5	5.6	7.3	6.3	5.9	4.8	5.8	4.9	6.2	4.9	5.3	7.7	6.0	7.0	5.6	7.5	5.6	5.1	5.4	6.0	6.1	5.9
* EXPLORER (PICK-3561)	6.8	6.6	6.5	5.2	5.9	5.2	4.6	7.2	4.8	5.7	7.1	6.0	5.6	5.3	6.2	4.7	6.0	4.1	4.8	7.9	6.4	6.8	6.1	7.4	5.5	6.4	5.9	4.5	6.2	5.9
* ALLURE	6.9	6.1	7.1	5.2	6.3	5.6	4.3	6.8	4.9	6.0	7.1	6.0	5.9	5.4	6.7	4.7	6.4	4.1	5.0	8.0	6.1	6.8	5.9	7.3	5.5	5.0	5.4	5.0	6.0	5.9
* ZPS-2183	6.8	7.0	6.4	4.7	5.4	5.3	4.6	5.9	5.3	5.5	7.0	6.0	6.3	5.0	6.0	4.4	5.3	5.3	5.8	8.2	6.3	6.3	6.5	7.1	6.2	5.3	5.9	5.3	6.2	5.9
* BARONETTE (BA 81-058)	6.8	6.8	6.5	4.8	5.9	5.7	4.5	7.6	4.7	5.1	7.3	6.1	5.9	4.9	6.6	4.9	5.8	5.1	5.3	7.8	6.7	6.5	5.0	7.3	5.1	5.0	5.6	5.3	6.2	5.9
* CHATEAU	7.1	6.6	7.5	4.7	5.9	5.9	4.5	6.2	4.7	5.9	6.6	6.0	6.0	5.5	6.5	4.7	6.1	3.8	5.1	7.9	6.5	7.0	5.8	7.3	5.6	4.7	5.5	5.2	6.2	5.9
* CONNI	6.3	6.3	7.1	5.3	5.4	6.2	4.2	5.8	6.2	5.8	6.9	5.8	5.7	5.3	5.9	4.8	6.4	4.2	5.3	7.8	5.7	6.6	6.7	7.1	6.0	5.7	5.6	4.4	6.0	5.9
* NJ 1190	6.9	7.1	7.4	4.5	4.1	5.9	4.4	5.2	6.5	5.1	7.7	6.5	6.6	4.9	5.7	4.5	7.2	3.4	5.8	8.1	5.4	6.7	6.9	7.0	5.8	5.3	5.5	4.6	5.6	5.9
* SR 2109	6.8	6.3	6.3	5.2	5.3	6.1	4.6	5.8	4.8	5.2	6.9	6.3	6.0	4.5	5.8	4.7	6.0	4.4	6.2	7.9	5.8	6.3	7.8	7.1	5.8	5.5	6.0	5.0	5.9	5.9
* COVENTRY	6.7	6.7	7.0	4.7	6.2	6.1	4.5	6.4	4.8	5.6	7.0	6.0	6.0	5.1	6.7	4.8	6.1	3.9	4.7	8.0	6.4	6.7	5.9	7.2	5.7	5.4	5.2	5.0	5.6	5.9
* PST-P46	6.6	6.5	6.7	4.9	5.6	5.8	4.5	6.1	4.1	5.8	7.3	6.0	6.5	4.9	6.6	4.3	5.5	4.4	5.3	8.2	6.1	6.2	6.8	7.4	5.6	4.9	5.8	4.5	6.3	5.8
* NUSTAR	6.8	6.8	6.8	4.9	5.3	6.1	4.1	6.8	4.2	5.1	6.5	6.1	5.6	5.3	6.1	4.8	5.9	5.2	5.0	7.5	6.3	7.0	6.4	7.2	5.5	5.3	5.9	5.2	5.9	5.8
* BARONIE	6.9	6.6	6.7	4.6	6.4	5.9	4.8	7.0	4.5	5.7	7.0	6.1	6.0	5.4	5.9	5.1	5.9	5.0	4.6	7.8	6.6	6.8	5.1	7.0	4.8	4.8	5.4	5.6	5.8	5.8
* SR 2000	6.9	6.7	6.1	5.6	5.3	4.8	4.6	7.0	5.0	5.0	6.7	6.0	6.2	4.5	7.0	4.8	5.9	5.0	4.2	8.0	6.9	6.7	5.6	7.3	5.8	5.1	5.5	5.2	6.1	5.8

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	MA1	MD1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BA 75-163	6.4	6.3	6.1	4.2	5.3	4.9	4.2	7.1	3.6	5.5	6.2	5.9	4.8	4.1	6.1	4.7	5.7	2.9	4.2	8.0	6.2	6.7	4.9	7.5	5.0	3.5	5.3	4.2	6.6	5.4
BAR VB 6820	7.0	6.0	5.9	4.6	3.6	5.9	3.1	4.0	4.0	4.5	7.7	5.8	5.1	4.4	5.8	4.6	5.5	4.2	5.6	7.4	5.8	6.7	4.2	7.2	5.2	5.7	5.7	3.4	6.8	5.4
SRX 2205	6.6	6.5	6.5	4.0	4.1	5.6	4.3	5.0	3.8	5.7	5.9	6.0	5.4	5.2	5.5	4.3	5.6	3.5	4.9	7.7	5.6	6.4	5.5	6.8	5.1	3.5	5.6	4.7	5.8	5.4
BA 81-113	6.5	6.6	6.1	4.0	4.4	5.2	3.9	6.6	4.0	5.2	6.2	5.7	5.2	4.8	6.2	4.9	5.0	2.6	3.4	7.7	6.2	6.5	4.9	7.1	5.3	3.7	5.5	5.5	6.2	5.3
BA 76-197	6.5	6.3	5.4	4.1	3.5	5.8	4.0	6.0	4.3	5.5	6.2	6.2	5.6	4.8	5.4	5.0	5.4	2.8	4.2	7.5	5.6	6.5	5.2	7.0	4.7	4.8	5.0	5.1	5.7	5.3
LTP-620	6.2	6.0	5.9	4.7	4.8	4.4	4.1	6.3	3.7	5.1	6.3	5.8	5.3	4.4	5.8	4.7	5.5	3.4	4.1	7.5	6.3	6.3	5.0	7.1	4.5	4.5	5.6	4.9	6.0	5.3
* SIDEKICK	6.5	6.4	5.9	4.3	5.0	4.6	3.9	6.9	3.6	5.0	5.6	5.7	5.5	4.3	6.2	4.8	5.0	3.5	3.8	7.3	6.2	6.4	4.3	7.1	5.0	3.5	5.0	5.7	5.5	5.3
H86-690	6.5	7.2	5.7	4.7	3.3	4.7	4.2	5.4	3.3	5.1	6.4	6.2	5.4	4.3	5.6	4.6	5.5	2.6	4.2	7.7	5.1	6.4	5.7	7.3	5.3	3.8	5.6	4.1	6.1	5.2
* SODNET	6.5	6.7	6.1	4.2	3.5	5.0	3.3	4.6	3.5	4.6	7.1	5.6	5.7	4.7	6.1	4.6	5.6	2.1	4.4	7.7	5.6	6.3	5.0	7.5	4.7	4.8	5.5	3.7	6.3	5.2
* LIPOA	6.7	6.4	6.0	4.4	3.7	4.1	4.4	4.1	3.9	4.5	6.3	5.4	5.6	5.2	5.6	4.3	5.3	2.3	3.4	7.7	5.9	6.4	4.1	6.9	5.0	5.8	5.4	3.2	5.8	5.1
* COMPACT	6.5	5.8	5.9	4.5	4.0	3.7	4.1	5.4	3.7	5.8	5.6	5.7	4.4	4.6	5.6	4.4	5.6	2.9	3.2	7.4	5.4	6.2	5.4	6.9	4.9	5.1	5.0	4.7	5.0	5.1
* PEPAYA (DP 37-192)	6.6	6.1	5.7	4.4	3.6	5.1	3.0	3.0	4.4	4.2	5.8	5.6	4.9	4.6	5.6	4.3	4.8	2.4	3.9	7.6	5.7	6.4	3.9	7.3	4.0	4.3	5.5	3.4	6.0	4.9
* BARUZO	6.4	6.0	5.9	3.4	3.4	3.9	3.0	4.3	3.2	4.8	5.9	5.7	3.9	4.3	5.5	4.8	4.3	2.3	3.7	7.5	5.8	6.6	5.1	7.1	5.0	3.1	5.3	3.9	5.6	4.8
* KENBLUE	6.1	6.1	5.5	3.9	4.5	3.2	3.6	5.4	2.6	5.8	5.0	5.6	4.8	4.7	5.4	4.7	4.8	2.4	3.1	6.9	5.4	5.9	4.3	6.9	5.0	2.0	4.6	4.2	4.8	4.7
LSD VALUE	0.5	0.7	0.7	0.9	0.8	0.5	0.9	0.5	0.7	0.9	0.9	0.6	0.4	0.6	0.5	0.6	0.6	0.7	0.5	0.3	0.5	0.9	0.8	0.4	0.5	0.7	0.5	0.5	0.4	0.1
C.V. (%)	8.6	14.5	9.7	23.6	18.4	11.9	25.7	10.1	19.4	9.8	15.9	13.6	9.1	14.9	9.6	16.4	11.8	19.6	14.7	5.9	10.2	17.0	16.9	7.0	11.4	13.6	10.8	13.4	7.9	13.5

* COMMERCIALY AVAILABLE IN THE USA IN 2001.

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

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/ 1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
MIDNIGHT	5.8	5.8	5.6	5.8	6.5	6.7	6.5	6.4	6.6	6.6	6.5	6.5	6.5
LIBERATOR (ZPS-2572)	5.9	5.4	5.7	5.8	6.3	6.6	6.5	6.3	6.6	6.5	6.3	6.5	6.5
BRILLIANT (PST-B2-42)	4.9	5.3	6.2	6.1	6.3	6.3	6.4	6.5	6.7	6.6	6.0	5.2	6.4
TOTAL ECLIPSE (TCR-1738)	5.2	5.5	5.5	5.7	6.2	6.4	6.3	6.3	6.6	6.5	6.2	6.3	6.4
AWARD	5.4	5.4	5.6	5.7	6.2	6.4	6.3	6.3	6.5	6.6	6.3	6.3	6.4
NUGLADE	5.4	5.5	5.6	5.7	6.2	6.4	6.3	6.2	6.6	6.6	6.1	6.5	6.4
ODYSSEY (J-1561)	5.9	5.6	5.6	5.6	6.2	6.5	6.3	6.2	6.5	6.4	6.2	6.2	6.3
IMPACT (J-1576)	5.2	5.3	5.5	5.7	6.2	6.3	6.3	6.3	6.5	6.5	6.2	6.2	6.3
UNIQUE	4.8	4.7	6.1	5.9	6.1	6.1	6.3	6.4	6.5	6.6	6.0	5.3	6.3
SHOWCASE (PST-BO-141)	4.8	4.7	5.8	5.8	6.0	6.2	6.3	6.4	6.6	6.5	6.2	5.4	6.3
APOLLO (PST-B3-180)	5.2	5.6	6.0	5.9	6.0	6.2	6.3	6.4	6.5	6.5	6.0	5.3	6.3
RUGBY II (MED-18)	4.8	4.7	5.3	5.6	6.1	6.3	6.2	6.2	6.5	6.4	6.1	5.9	6.3
AMERICA	5.1	4.8	5.9	5.8	6.0	6.1	6.3	6.3	6.5	6.5	5.8	5.4	6.2
PRINCETON 105	5.7	6.0	5.6	5.7	6.1	6.3	6.1	6.1	6.5	6.6	6.1	5.7	6.2
BLACKSBURG	5.2	5.1	5.5	5.8	6.2	6.4	6.1	6.1	6.3	6.2	5.9	6.0	6.2
QUANTUM LEAP (J-1567)	4.9	4.5	5.6	5.6	6.1	6.3	6.2	6.0	6.3	6.3	6.0	6.0	6.2
BLACKSTONE (PST-638)	5.4	5.1	5.8	5.8	6.0	6.1	6.2	6.1	6.3	6.3	6.1	6.2	6.2
MOONLIGHT (PST-A418)	4.9	4.4	5.3	5.9	6.2	6.2	6.2	6.1	6.2	6.1	5.9	5.6	6.2
PICK 8	4.9	4.8	5.8	5.8	6.0	6.1	6.1	6.1	6.3	6.3	6.0	5.8	6.2
ARCADIA (J-1936)	5.4	5.3	5.5	5.6	6.0	6.3	6.1	6.0	6.2	6.2	5.9	6.0	6.2
NORTH STAR (PST-A7-60)	4.8	4.8	4.8	5.4	6.2	6.4	6.2	6.0	6.1	6.2	5.6	5.2	6.1
ABSOLUTE (MED-1497)	5.6	4.8	5.2	5.7	6.2	6.3	6.1	5.8	6.2	6.1	5.7	5.5	6.1
JEFFERSON	5.1	5.0	6.2	5.9	5.7	5.9	6.0	5.9	6.2	6.3	5.9	5.8	6.0
GLADE	4.4	4.9	5.6	5.6	5.9	6.0	6.0	5.9	6.1	6.2	5.9	5.5	6.0
WILDWOOD	4.4	5.3	4.9	5.6	6.3	6.4	5.9	5.7	5.9	5.9	5.4	5.2	6.0
RAMBO (J-2579)	4.7	4.8	5.1	5.7	6.0	6.0	5.8	5.8	6.0	6.1	5.5	5.4	6.0
ECLIPSE	5.1	4.8	5.7	5.7	5.8	5.9	5.9	5.9	6.1	6.1	5.7	5.5	6.0
CHAMPAGNE (LTP-621)	5.3	5.3	6.3	5.8	5.7	5.8	5.8	5.8	6.0	6.2	6.0	5.8	6.0
SERENE (PST-A7-245A)	4.7	4.8	5.4	5.8	6.1	6.0	5.8	5.7	5.9	6.0	5.5	5.3	6.0
CHICAGO (J-2582)	4.7	4.7	5.5	5.6	5.8	6.0	5.9	5.8	6.0	6.1	5.8	5.7	5.9
ZPS-2183	4.7	4.1	5.3	5.7	6.1	6.1	6.0	5.8	5.8	5.8	5.3	5.5	5.9
BARONETTE (BA 81-058)	5.3	5.0	6.1	5.8	5.8	5.9	5.8	5.7	6.0	6.1	5.6	5.7	5.9
EXPLORER (PICK-3561)	4.7	4.8	5.4	5.6	6.0	6.0	5.9	5.7	5.9	6.0	5.6	5.4	5.9
ALLURE	4.3	4.8	5.5	5.9	6.0	6.0	5.8	5.7	5.8	5.9	5.6	5.3	5.9
LIMOUSINE	4.9	4.3	4.8	5.8	6.1	6.2	5.9	5.7	5.8	5.8	5.2	4.6	5.9
SR 2109	5.1	4.6	5.4	5.6	5.9	6.0	5.9	5.6	5.9	6.0	5.6	5.5	5.9
NJ 1190	3.7	4.3	4.6	5.6	5.9	6.1	5.9	5.6	5.8	5.8	5.1	5.0	5.9
CHATEAU	4.6	4.8	5.3	5.8	6.0	5.9	5.7	5.6	5.8	5.9	5.5	5.3	5.9
SR 2000	5.4	4.8	5.3	5.6	5.8	5.8	5.8	5.8	6.0	6.1	5.5	5.4	5.9
NUSTAR	4.9	5.1	5.2	5.6	5.9	5.9	5.9	5.8	5.9	5.8	5.4	5.5	5.9
CONNI	4.7	4.8	4.9	5.5	6.0	6.1	5.8	5.6	5.8	5.8	5.4	5.1	5.9
COVENTRY	4.8	4.8	5.4	5.8	5.9	5.9	5.7	5.6	5.8	5.9	5.6	5.4	5.9
BARONIE	5.2	5.0	6.2	6.0	5.6	5.6	5.5	5.6	6.0	6.2	5.9	6.0	5.9
LIVINGSTON	5.3	5.3	6.0	5.9	5.6	5.7	5.7	5.7	5.9	6.0	5.7	5.8	5.9

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-P46	4.0	4.3	4.8	5.5	6.0	6.2	5.8	5.6	5.8	5.8	5.3	4.9	5.9
NJ-GD	5.1	5.3	5.7	5.8	5.9	5.8	5.7	5.6	5.9	5.9	5.5	5.7	5.9
BAR VB 3115B	4.8	4.3	5.2	5.8	5.9	6.0	5.7	5.5	5.7	5.9	5.4	5.2	5.8
PLATINI	5.2	4.9	4.8	5.8	5.9	5.8	5.7	5.6	5.9	5.9	5.6	5.4	5.8
SEABRING (BA 79-260)	4.4	4.8	5.1	5.5	5.8	6.0	5.8	5.6	5.9	5.9	5.2	4.9	5.8
BA 81-270	4.5	4.5	5.2	5.8	5.9	5.9	5.7	5.6	5.8	5.8	5.4	4.9	5.8
ADVOCATE (HV 130)	4.5	4.5	4.9	5.4	5.8	6.0	5.8	5.6	5.8	5.8	5.3	4.8	5.8
LKB-95	4.7	5.2	5.3	5.4	5.8	5.9	5.7	5.5	5.8	5.9	5.3	5.3	5.8
HAGA	4.9	4.4	6.1	5.8	5.7	5.6	5.5	5.5	5.9	6.0	5.7	5.5	5.8
CHALLENGER	5.1	4.8	5.4	5.4	5.7	5.8	5.6	5.6	5.9	6.0	5.6	5.8	5.8
CALIBER	5.1	5.5	5.7	5.6	5.7	5.6	5.7	5.6	5.8	5.9	5.5	5.3	5.8
BARIRIS (BAR VB 5649)	5.1	4.6	5.2	5.7	5.8	5.7	5.6	5.5	5.8	5.9	5.5	5.5	5.8
SHAMROCK	4.2	4.3	5.3	5.6	5.9	5.8	5.6	5.5	5.7	5.8	5.4	5.1	5.8
BARITONE (BAR VB 233)	5.1	5.1	5.2	5.8	5.8	5.8	5.6	5.5	5.8	5.7	5.5	5.1	5.8
PST-BO-165	4.3	4.5	5.6	5.6	5.7	5.7	5.5	5.4	5.7	5.8	5.5	5.2	5.7
JEWEL (BA 81-227)	5.2	5.0	5.1	5.6	5.6	5.7	5.6	5.5	5.7	5.9	5.5	5.4	5.7
CLASSIC	5.5	5.0	6.2	5.7	5.5	5.4	5.3	5.5	5.8	6.0	5.7	5.9	5.7
FORTUNA	4.1	4.8	5.4	5.4	5.6	5.8	5.8	5.6	5.6	5.6	5.2	4.7	5.7
ZPS-309	5.4	4.8	5.3	5.6	5.6	5.7	5.5	5.5	5.8	5.8	5.6	5.5	5.7
BA 73-373	4.4	5.1	5.5	5.3	5.6	5.9	5.7	5.5	5.6	5.6	5.1	5.1	5.7
ASCOT	4.4	4.5	4.5	5.0	5.6	5.9	5.8	5.6	5.7	5.7	5.3	5.2	5.7
RAVEN	4.3	4.6	5.3	5.3	5.7	5.8	5.7	5.6	5.6	5.6	5.0	4.8	5.7
BA 75-490	4.8	4.7	5.7	5.2	5.0	5.3	5.6	5.7	5.9	6.0	5.4	5.3	5.7
SR 2100	4.8	4.5	5.2	5.5	5.6	5.6	5.6	5.4	5.6	5.7	5.3	5.3	5.7
BARTITIA	4.1	4.5	3.9	5.0	5.8	6.0	5.7	5.3	5.6	5.7	5.3	4.8	5.7
MARQUIS	4.3	4.8	5.1	5.3	5.6	5.8	5.8	5.5	5.6	5.6	5.1	4.7	5.6
BA 70-060	4.6	4.8	5.3	5.2	5.5	5.8	5.7	5.6	5.6	5.6	5.1	5.1	5.6
MED-1580	4.3	4.7	5.2	5.1	5.5	5.8	5.7	5.4	5.6	5.7	5.3	5.1	5.6
BA 77-702	4.3	4.4	5.5	5.3	5.6	5.7	5.6	5.5	5.7	5.6	5.1	5.0	5.6
GOLDRUSH (BA 87-102)	4.2	5.1	5.1	5.1	5.5	5.7	5.7	5.5	5.6	5.6	5.2	4.8	5.6
ABBAY	4.2	4.6	5.3	5.3	5.5	5.7	5.6	5.5	5.7	5.6	5.1	5.0	5.6
A88-744	4.3	4.4	5.4	5.4	5.6	5.5	5.5	5.3	5.6	5.7	5.3	5.1	5.6
NJ-54	4.1	4.3	5.3	5.3	5.4	5.6	5.7	5.6	5.6	5.6	5.1	4.9	5.6
ENVICTA (BA 75-173)	4.4	4.9	5.3	5.3	5.5	5.7	5.6	5.5	5.6	5.6	5.0	5.0	5.6
BA 81-220	3.9	4.4	5.0	5.2	5.5	5.7	5.7	5.5	5.6	5.6	5.1	4.8	5.6
DRAGON (ZPS-429)	5.2	4.7	5.6	5.2	5.1	5.3	5.6	5.6	5.7	5.8	5.3	5.5	5.6
J-1555	4.4	4.6	5.3	5.1	5.5	5.6	5.6	5.4	5.5	5.6	5.1	5.0	5.6
VB 16015	4.6	5.3	5.3	5.4	5.4	5.5	5.4	5.3	5.6	5.6	5.2	5.3	5.6
MISTY (BA 76-372)	4.1	4.3	4.9	5.2	5.4	5.6	5.5	5.3	5.6	5.6	5.2	5.2	5.6
BARON	4.1	4.8	4.9	5.2	5.5	5.7	5.6	5.4	5.5	5.5	5.0	4.7	5.5
NIMBUS	4.4	4.3	5.2	5.3	5.7	5.8	5.6	5.3	5.3	5.3	4.8	4.9	5.5
BLUECHIP (MED-1991)	4.1	4.9	5.1	5.2	5.5	5.6	5.6	5.4	5.5	5.5	5.0	5.0	5.5
HV 242	4.8	4.7	4.9	5.4	5.5	5.4	5.3	5.3	5.5	5.6	5.5	5.1	5.5
CARDIFF	4.2	5.3	4.9	5.2	5.4	5.6	5.4	5.3	5.5	5.5	5.0	4.7	5.5
PICK-855	4.2	4.6	5.0	4.8	5.0	5.4	5.5	5.4	5.6	5.6	4.9	4.8	5.4

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BA 75-163	3.6	4.5	5.3	5.4	5.3	5.4	5.4	5.3	5.5	5.5	4.8	4.2	5.4
BAR VB 6820	4.6	4.6	4.0	4.7	5.5	5.7	5.4	5.1	5.3	5.4	5.2	5.1	5.4
BA 81-113	4.3	5.2	5.3	5.1	5.3	5.5	5.4	5.2	5.4	5.4	4.7	4.7	5.4
SRX 2205	4.1	4.5	4.5	5.0	5.4	5.6	5.4	5.2	5.2	5.2	4.9	4.9	5.4
BA 76-197	4.5	5.3	5.1	5.0	5.2	5.4	5.4	5.3	5.4	5.3	4.8	4.7	5.3
LTP-620	4.7	4.7	5.5	5.2	5.1	5.2	5.2	5.1	5.4	5.6	5.1	5.2	5.3
SIDEKICK	4.6	4.9	5.5	5.1	5.0	5.1	5.2	5.2	5.6	5.6	5.2	5.3	5.3
H86-690	4.0	4.5	4.8	4.9	5.1	5.3	5.3	5.2	5.3	5.3	4.7	4.4	5.3
SODNET	3.7	4.6	4.2	4.8	5.3	5.5	5.3	5.0	5.1	5.3	4.7	4.2	5.3
LIPOA	3.6	4.1	4.0	4.7	5.1	5.3	5.1	4.8	5.0	5.0	4.6	4.1	5.1
COMPACT	4.4	4.4	4.9	4.7	4.7	5.0	5.0	4.9	5.1	5.2	4.9	4.8	5.1
PEPAYA (DP 37-192)	3.7	4.1	3.8	4.3	5.1	5.3	4.9	4.7	4.7	4.8	4.6	4.5	4.9
BARUZO	4.2	4.9	4.4	4.4	5.0	5.2	4.8	4.6	4.7	4.8	4.4	4.5	4.9
KENBLUE	4.2	5.2	4.8	4.3	4.2	4.5	4.8	4.7	4.9	5.0	4.6	4.3	4.8
LSD VALUE	0.8	0.9	0.7	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.6	0.2
C.V. (%)	27.2	22.0	31.6	27.3	25.8	25.4	27.4	29.9	28.2	27.5	28.8	27.0	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 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1996-2000 DATA

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

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	MA1	MD1	ME1	MI1	MN1	MO1	MO3
MIDNIGHT	22.5	4.0	72.5	26.0	2	21.0	6.0	2.0	20.0	87.0	6.0	80.0	6.0	33	2.5
LIBERATOR (ZPS-2572)	13.0	1.0	61.0	23.0	3	46.0	11.0	6.0	26.0	27.5	14.0	62.0	4.0	65	2.5
BRILLIANT (EST-B2-42)	4.0	6.0	22.0	8.0	1	1.0	5.0	13.0	3.0	98.0	7.0	37.5	18.0	24	31.0
TOTAL ECLIPSE (TCR-1738)	42.0	5.0	25.0	10.0	11	35.0	22.0	1.0	12.0	72.0	1.0	101.0	16.0	60	1.0
AWARD	3.0	2.0	69.0	32.0	26	17.5	29.0	7.0	45.0	19.0	22.0	23.5	17.0	53	8.0
NUGLADE	9.0	14.0	43.5	5.0	30	46.0	42.0	3.0	14.0	54.0	4.5	43.0	12.0	76	4.0
ODYSSEY (J-1561)	29.0	23.0	18.0	12.0	21	40.0	16.0	8.0	19.0	58.5	4.5	40.0	51.0	58	6.5
UNIQUE	5.0	16.0	7.0	43.5	8	3.0	3.0	11.0	10.0	34.5	36.0	71.0	20.0	15	24.5
IMPACT (J-1576)	81.0	9.0	86.0	21.0	9	60.0	46.0	5.0	17.0	58.5	10.0	16.0	37.0	43	5.0
SHOWCASE (PST-BO-141)	62.5	10.0	9.0	7.0	4	6.0	2.0	10.0	5.0	27.5	76.0	66.0	63.0	83	41.5
APOLLO (PST-B3-180)	75.0	65.0	39.5	31.0	7	4.0	1.0	20.0	8.0	54.0	13.0	64.0	10.0	52	43.0
RUGBY II (MED-18)	2.0	41.0	19.0	2.0	34	46.0	19.0	9.0	30.0	58.5	27.0	25.0	25.0	38	6.5
AMERICA	95.0	52.0	27.0	14.0	6	2.0	4.0	14.0	6.0	27.5	18.0	57.0	29.5	87	39.0
PRINCETON 105	79.0	66.0	28.0	6.0	13	24.5	49.0	63.0	13.0	2.0	23.0	27.5	7.0	61	32.0
BLACKSBURG	22.5	15.0	10.0	69.0	40	19.5	9.0	55.0	46.0	1.0	20.0	83.0	9.0	1	24.5
BLACKSTONE (PST-638)	27.0	79.0	74.0	9.0	12	65.0	21.0	69.0	57.0	27.5	8.0	86.0	8.0	28	22.5
QUANTUM LEAP (J-1567)	15.0	7.0	82.0	42.0	22	67.5	32.0	4.0	34.0	69.0	21.0	60.0	44.0	26	16.0
PICK 8	17.5	18.0	59.0	28.0	5	65.0	12.0	18.0	52.0	45.5	43.0	54.0	34.5	55	17.0
MOONLIGHT (EST-A418)	93.0	82.0	71.0	11.0	19	83.5	87.0	34.0	36.0	76.0	12.0	87.0	32.0	45	9.0
ARCADIA (J-1936)	71.0	12.0	66.0	65.0	41	79.5	25.0	17.0	11.0	52.0	30.0	61.0	28.0	29	19.5
ABSOLUTE (MED-1497)	1.0	3.0	64.0	4.0	50	10.0	77.0	58.0	50.5	19.0	16.0	26.0	5.0	27	11.0
NORTH STAR (PST-A7-60)	59.5	28.0	23.0	1.0	67	13.5	68.0	54.0	21.0	64.0	59.0	2.0	11.0	17	55.5
GLADE	69.5	49.5	92.0	24.0	49	49.0	13.0	15.0	22.0	39.5	71.0	27.5	29.5	11	36.0
JEFFERSON	87.5	54.0	43.5	39.0	53	26.0	7.0	16.0	25.0	90.0	70.0	20.5	52.5	54	71.0
WILDWOOD	19.0	26.0	32.0	15.5	48	28.0	8.0	74.0	56.0	64.0	2.0	3.0	1.0	36	27.5
ECLIPSE	82.0	88.0	17.0	17.0	10	24.5	76.0	19.0	71.0	5.0	45.0	46.0	40.0	56	68.5
RAMBO (J-2579)	16.0	53.0	78.0	27.0	56	12.0	64.0	42.0	7.0	82.0	17.0	35.0	46.5	10	53.0
SERENE (PST-A7-245A)	32.5	35.0	5.0	29.0	18	37.0	74.0	43.0	23.0	45.5	42.0	55.0	60.0	6	12.0
CHICAGO (J-2582)	84.5	69.0	34.0	47.0	14	65.0	44.0	45.0	28.0	27.5	38.0	20.5	50.0	42	55.5
LIMOUSINE	10.0	89.5	6.0	37.0	74	5.0	51.5	79.0	2.0	7.0	3.0	99.0	24.0	48	63.0
CHAMPAGNE (LTP-621)	67.5	85.0	21.0	35.0	33	54.0	15.0	22.5	49.0	39.5	26.0	7.0	45.0	82	84.0
EXPLORER (PICK-3561)	41.0	40.0	37.0	19.0	38	82.0	26.0	21.0	31.5	27.5	35.0	34.0	77.0	19	48.5
ALLURE	22.5	93.0	12.0	18.0	23	62.5	59.0	41.0	29.0	3.0	39.0	42.0	41.0	9	15.0
ZPS-2183	44.5	13.0	58.0	53.5	55	79.5	27.0	84.0	16.0	49.0	50.0	45.0	13.0	63	73.0
BARONETTE (BA 81-058)	48.0	25.0	45.0	46.0	39	50.0	34.0	12.0	42.0	80.0	28.0	23.5	46.5	66	19.5
CHATEAU	6.0	46.0	2.0	52.0	35	35.0	37.0	75.0	40.0	8.5	69.0	47.0	34.5	2	27.5
CONNI	101.0	73.0	8.0	15.5	59	10.0	65.0	87.0	4.0	13.5	54.0	75.0	65.0	21	76.0
NJ 1190	20.0	11.0	3.0	80.0	91	32.0	47.0	96.0	1.0	84.5	9.0	1.0	2.0	69	91.5
SR 2109	44.5	83.0	67.0	20.0	66	19.5	20.0	86.0	38.0	76.0	53.0	9.0	31.0	96	85.0
COVENTRY	57.5	37.0	14.0	60.0	27	15.0	30.0	64.0	33.0	39.5	49.0	51.0	37.0	46	13.0
PST-P46	73.0	57.0	26.0	41.0	47	38.5	38.0	77.0	72.0	19.0	24.0	41.0	3.0	68	21.0
NUSTAR	40.0	27.0	20.0	43.5	65	16.0	78.0	46.0	66.0	80.0	75.0	22.0	77.0	16	65.0
BARONIE	25.0	44.0	29.0	72.0	20	30.0	14.0	26.0	50.5	27.5	48.0	31.0	39.0	7	74.0
SR 2000	26.0	34.0	83.0	3.0	63	93.0	24.0	29.0	27.0	90.0	64.0	52.0	22.0	95	10.0
PLATINI	7.0	102.0	42.0	93.0	45	67.5	41.0	89.0	24.0	22.0	31.0	95.0	66.5	39	72.0

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	MA1	MD1	ME1	MI1	MN1	MO1	MO3
BAR VB 3115B	30.5	20.0	49.5	25.0	16	52.5	82.0	73.0	15.0	76.0	34.0	6.0	27.0	23	95.5
NJ-GD	76.0	56.0	56.0	49.0	71	22.0	79.0	59.0	68.5	66.5	52.0	4.0	23.0	84	78.5
ADVOCATE (HV 130)	36.0	49.5	52.0	73.0	44	13.5	10.0	90.0	9.0	13.5	61.0	5.0	14.0	25	58.5
LIVINGSTON	35.0	62.0	62.0	33.0	29	17.5	31.0	38.0	31.5	94.0	67.0	56.0	42.0	40	87.0
BA 81-270	65.0	30.0	4.0	36.0	24	10.0	45.0	81.0	75.0	69.0	51.0	58.0	21.0	51	26.0
LKB-95	53.5	33.0	16.0	30.0	85	78.0	36.0	68.0	35.0	6.0	33.0	10.0	61.5	12	94.0
HAGA	46.5	22.0	41.0	50.5	15	88.0	28.0	27.0	39.0	4.0	65.0	48.0	58.0	72	86.0
SEABRING (BA 79-260)	100.0	21.0	46.0	34.0	57	55.0	83.0	33.0	58.0	76.0	41.0	29.0	15.0	41	22.5
CHALLENGER	51.5	19.0	24.0	57.0	69	58.5	40.0	50.0	47.0	84.5	37.0	79.0	33.0	47	37.0
BARIRIS (BAR VB 5649)	8.0	95.0	89.0	83.0	28	56.5	56.0	88.0	48.0	50.5	68.0	81.0	70.0	20	77.0
CALIBER	11.0	68.0	80.0	48.0	60	74.0	48.0	61.0	44.0	39.5	47.0	49.5	81.5	62	83.0
BARITONE (BAR VB 233)	12.0	97.0	51.0	89.0	37	23.0	55.0	85.0	55.0	58.5	29.0	100.0	88.0	50	48.5
SHAMROCK	51.5	38.0	33.0	40.0	46	8.0	75.0	71.5	53.5	90.0	15.0	76.5	37.0	88	75.0
PST-BO-165	28.0	47.0	13.0	85.0	25	71.0	23.0	47.0	41.0	94.0	81.0	65.0	87.0	4	14.0
JEWEL (BA 81-227)	62.5	64.0	30.0	38.0	17	52.5	33.0	78.0	93.0	90.0	62.0	67.0	59.0	81	44.0
FORTUNA	72.0	71.0	38.0	63.0	52	56.5	51.5	22.5	79.0	62.0	57.0	63.0	68.5	8	40.0
ZPS-309	38.0	100.0	31.0	78.0	31	87.0	54.0	83.0	43.0	58.5	25.0	96.0	94.0	13	61.0
CLASSIC	57.5	48.0	11.0	79.0	103	32.0	39.0	24.0	64.0	45.5	44.0	70.0	52.5	35	81.5
RAVEN	53.5	61.0	35.0	22.0	62	76.5	91.0	35.0	61.0	27.5	88.0	12.0	80.0	37	33.0
BA 73-373	66.0	17.0	54.0	91.0	76	27.0	50.0	31.0	59.0	13.5	89.0	68.0	72.0	78	48.5
BARTITIA	14.0	29.0	36.0	81.0	96	7.0	66.0	100.0	73.5	58.5	19.0	97.0	19.0	3	80.0
ASCOT	77.0	51.0	60.0	86.0	82	81.0	73.0	80.0	73.5	69.0	32.0	37.5	48.0	73	30.0
BA 75-490	55.5	67.0	1.0	102.0	36	69.0	18.0	60.0	95.0	39.5	78.0	32.0	43.0	77	58.5
SR 2100	78.0	63.0	70.0	13.0	61	89.0	81.0	71.5	78.0	34.5	74.0	49.5	55.5	71	34.0
MARQUIS	43.0	77.0	55.0	55.0	88	29.0	62.0	49.0	88.5	34.5	83.0	78.0	64.0	14	51.0
MED-1580	98.0	81.0	77.0	76.0	75	72.0	84.0	37.0	92.0	27.5	77.0	33.0	66.5	31	70.0
BA 77-702	34.0	87.0	48.0	74.0	42	62.5	89.0	36.0	82.0	39.5	93.0	53.0	61.5	70	35.0
BA 70-060	38.0	42.0	53.0	66.0	70	43.0	71.0	39.0	70.0	84.5	90.0	44.0	89.0	49	57.0
GOLDRUSH (BA 87-102)	49.5	39.0	96.0	68.0	68	70.0	17.0	57.0	91.0	13.5	72.0	89.0	90.0	18	29.0
ENVICTA (BA 75-173)	64.0	94.0	75.0	45.0	79	51.0	35.0	28.0	85.0	34.5	84.0	37.5	81.5	75	38.0
ABBEY	49.5	24.0	72.5	67.0	54	48.0	57.0	48.0	67.0	72.0	96.0	14.0	84.0	59	61.0
NJ-54	93.0	55.0	49.5	95.0	32	44.0	70.0	53.0	90.0	45.5	100.0	17.5	49.0	22	66.0
A88-744	69.5	32.0	87.5	88.0	43	94.0	63.0	52.0	68.5	72.0	46.0	19.0	91.0	102	41.5
BA 81-220	55.5	43.0	98.0	77.0	81	35.0	53.0	44.0	83.0	8.5	95.0	85.0	73.0	44	61.0
J-1555	59.5	89.5	68.0	60.0	51	100.0	72.0	40.0	65.0	45.5	66.0	98.0	83.0	74	64.0
DRAGON (ZPS-429)	87.5	74.0	65.0	70.5	58	90.0	93.0	51.0	100.0	45.5	86.0	72.5	74.0	64	68.5
NIMBUS	22.5	59.5	15.0	87.0	86	41.5	86.0	62.0	63.0	19.0	73.0	13.0	77.0	5	90.0
BARON	46.5	31.0	76.0	90.0	78	76.5	67.0	65.0	97.5	10.0	94.0	76.5	68.5	34	45.0
MISTY (BA 76-372)	32.5	84.0	47.0	56.0	89	61.0	94.0	66.0	97.5	94.0	60.0	8.0	26.0	94	78.5
VB 16015	30.5	86.0	79.0	53.5	87	97.0	97.0	32.0	84.0	96.0	55.0	30.0	55.5	91	18.0
BLUECHIP (MED-1991)	67.5	59.5	57.0	70.5	80	73.0	99.0	76.0	60.0	64.0	80.0	90.0	97.0	67	67.0
HV 242	38.0	103.0	100.0	96.0	73	38.5	60.0	95.0	18.0	13.5	63.0	103.0	93.0	57	91.5
CARDIFF	96.0	80.0	102.0	62.0	92	85.0	96.0	93.0	37.0	102.0	58.0	11.0	96.0	89	89.0
PICK-855	89.0	75.0	63.0	50.5	93	75.0	95.0	67.0	80.5	66.5	56.0	69.0	54.0	90	93.0
BA 75-163	99.0	78.0	85.0	97.0	64	92.0	69.0	25.0	96.0	54.0	87.0	59.0	100.0	103	53.0

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	MA1	MD1	ME1	MI1	MN1	MO1	MO3
BAR VB 6820	17.5	99.0	95.0	64.0	97	32.0	101.0	102.0	76.0	100.0	11.0	72.5	98.0	97	81.5
SRX 2205	80.0	58.0	39.5	99.0	90	58.5	58.0	97.0	86.0	27.5	98.0	37.5	86.0	32	101.0
BA 81-113	83.0	45.0	81.0	100.0	84	83.5	92.0	56.0	77.0	76.0	92.0	82.0	95.0	80	48.5
BA 76-197	84.5	76.0	103.0	98.0	99	41.5	88.0	82.0	62.0	50.5	91.0	17.5	75.0	79	103.0
LTP-620	102.0	98.0	93.5	58.0	77	98.0	85.0	70.0	87.0	80.0	85.0	74.0	92.0	98	88.0
SIDEKICK	93.0	70.0	93.5	92.0	72	96.0	90.0	30.0	94.0	90.0	102.0	88.0	79.0	101	46.0
H86-690	86.0	8.0	99.0	60.0	102	95.0	61.0	91.0	101.0	84.5	79.0	15.0	85.0	99	95.5
SODNET	90.0	36.0	84.0	94.0	100	91.0	100.0	98.0	99.0	99.0	40.0	92.0	57.0	86	53.0
LIPOA	61.0	72.0	87.5	84.0	95	99.0	43.0	101.0	80.5	101.0	82.0	102.0	71.0	30	97.0
COMPACT	91.0	101.0	90.0	75.0	94	102.0	80.0	94.0	88.5	19.0	101.0	84.0	102.0	92	99.0
PEPAYA (DP 37-192)	74.0	92.0	97.0	82.0	98	86.0	102.0	103.0	53.5	103.0	99.0	93.0	99.0	93	98.0
BARUZO	97.0	96.0	91.0	103.0	101	101.0	103.0	99.0	102.0	97.0	97.0	91.0	103.0	100	100.0
KENBLUE	103.0	91.0	101.0	101.0	83	103.0	98.0	92.0	103.0	13.5	103.0	94.0	101.0	85	102.0

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-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1996-2000 DATA

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

NAME	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
MIDNIGHT	3	22.0	2.0	1	1.0	3.0	77.0	75.0	3.0	5.0	8.0	14.0	28.0	1.0	1
LIBERATOR (ZPS-2572)	1	2.0	5.0	5	9.0	8.0	49.0	66.0	15.0	21.0	6.0	28.0	17.0	11.0	2
BRILLIANT (PST-B2-42)	6	5.0	21.0	26	23.0	30.0	45.0	5.0	35.0	25.0	7.0	8.5	19.0	21.0	3
TOTAL ECLIPSE (TCR-1738)	22	3.0	23.0	3	14.0	7.0	99.0	64.0	12.0	24.0	2.0	1.0	55.0	3.5	4
AWARD	13	7.0	16.0	10	6.0	4.0	98.0	30.0	8.0	3.0	11.0	12.0	22.0	5.0	5
NUGLADE	8	30.0	11.0	7	2.0	1.0	90.0	53.0	16.0	44.0	4.5	21.0	43.0	6.0	6
ODYSSEY (J-1561)	7	29.0	6.0	16	8.0	5.0	41.0	40.0	18.0	14.0	4.5	8.5	42.0	17.0	7
UNIQUE	26	16.0	24.0	27	70.0	15.0	93.0	6.0	44.0	50.0	16.0	7.0	3.0	23.0	8
IMPACT (J-1576)	15	4.0	18.0	12	12.0	2.0	97.0	58.0	10.0	17.0	3.0	4.0	29.0	3.5	9
SHOWCASE (PST-BO-141)	14	23.0	25.0	24	24.0	32.0	89.0	15.0	5.0	16.0	23.0	3.0	6.0	16.0	10
APOLLO (PST-B3-180)	4	56.0	17.0	40	21.0	17.0	9.0	10.0	60.0	13.0	17.0	10.0	26.0	30.0	11
RUGBY II (MED-18)	37	6.0	15.0	21	5.0	10.0	26.0	61.0	24.0	12.0	12.0	22.0	32.0	2.0	12
AMERICA	29	14.0	19.0	28	54.0	26.0	74.0	13.0	84.5	18.0	19.5	13.0	15.0	43.5	13
PRINCETON 105	2	26.5	1.0	8	4.0	57.0	66.0	7.0	26.0	9.0	37.5	25.0	67.0	20.0	14
BLACKSBURG	39	9.0	10.0	9	27.0	24.0	100.0	3.0	9.0	4.0	34.5	11.0	31.0	13.0	15
BLACKSTONE (PST-638)	5	32.0	4.0	6	40.0	13.0	53.5	43.0	4.0	2.0	51.0	41.0	5.0	28.0	16
QUANTUM LEAP (J-1567)	54	11.0	33.0	11	13.0	16.0	24.0	49.0	2.0	15.0	9.0	17.5	57.0	24.0	17
PICK 8	21	33.0	7.0	17	63.0	6.0	35.0	25.5	59.0	22.0	50.0	26.0	25.0	25.0	18
MOONLIGHT (EST-A418)	40	46.0	3.0	2	17.0	18.5	52.0	23.0	1.0	6.0	42.5	20.0	2.0	8.0	19
ARCADIA (J-1936)	18	10.0	36.0	23	19.0	11.0	50.0	32.0	27.0	8.0	13.0	6.0	60.0	10.0	20
ABSOLUTE (MED-1497)	17	35.0	50.0	57	11.0	12.0	27.0	38.0	6.0	51.0	15.0	15.0	56.0	7.0	21
NORTH STAR (PST-A7-60)	10	51.0	9.0	36	35.0	55.0	58.0	2.0	65.0	1.0	49.0	5.0	94.0	22.0	22
GLADE	32	54.0	28.0	52	46.0	46.0	87.0	25.5	81.0	7.0	19.5	2.0	48.0	19.0	23
JEFFERSON	12	48.0	8.0	15	67.0	43.0	16.0	20.0	45.0	11.0	41.0	76.0	23.0	70.5	24
WILDWOOD	57	53.0	43.0	22	45.0	34.0	94.0	12.0	54.0	34.0	59.0	43.0	80.0	15.0	25
ECLIPSE	45	57.0	12.0	32	18.0	21.0	64.0	21.0	63.0	54.0	33.0	81.0	54.0	76.5	26
RAMBO (J-2579)	60	8.0	59.0	44	39.0	22.0	70.0	16.0	71.0	58.0	10.0	40.0	86.0	78.0	27
SERENE (PST-A7-245A)	65	12.0	51.0	61	60.0	56.0	36.0	36.0	69.0	65.0	45.0	34.0	47.0	56.0	28
CHICAGO (J-2582)	80	43.0	60.0	56	16.0	14.0	65.0	29.0	64.0	35.0	18.0	29.0	37.0	38.0	29
LIMOUSINE	95	47.0	14.0	66	48.0	93.0	2.0	35.0	91.0	69.0	1.0	35.0	96.0	100.0	30
CHAMPAGNE (LTP-621)	33	34.0	35.0	29	80.0	74.0	4.0	55.5	11.0	45.0	57.5	74.0	1.0	59.0	31
EXPLORER (PICK-3561)	58	44.0	63.0	58	37.0	31.0	17.0	28.0	23.0	53.0	14.0	31.0	78.0	42.0	32
ALLURE	63	19.0	62.0	50	32.0	68.0	28.0	37.0	38.0	49.0	61.0	79.0	50.0	67.0	33
ZPS-2183	94	92.0	20.0	13	7.0	36.0	84.0	14.0	77.0	10.0	48.0	24.0	33.0	45.5	34
BARONETTE (BA 81-058)	43	60.0	27.0	31	64.0	20.0	69.0	89.0	40.0	80.0	63.0	53.0	34.0	47.5	35
CHATEAU	71	38.0	75.0	43	49.0	27.0	8.0	46.0	39.0	46.0	75.0	66.0	41.0	54.0	36
CONNI	51	21.0	55.0	30	59.0	92.0	51.0	9.0	83.0	20.0	29.5	46.0	82.0	67.0	37
NJ 1190	85	1.0	87.0	14	15.0	102.0	42.0	4.0	96.0	27.0	47.0	60.0	77.0	92.0	38
SR 2109	75	45.0	47.0	4	43.0	90.0	86.0	1.0	92.0	32.0	39.0	16.0	51.0	82.5	39
COVENTRY	56	36.0	73.0	62	31.0	33.0	38.0	41.0	74.0	36.5	40.0	93.0	49.0	93.0	40
PST-P46	101	79.0	45.0	25	10.0	67.0	91.0	8.0	20.0	38.0	64.0	32.0	79.0	34.0	41
NUSTAR	47	55.0	22.0	49	98.0	40.0	5.0	19.0	50.0	57.0	45.0	30.0	39.5	84.0	42
BARONIE	20	52.0	29.0	68	68.0	23.0	20.0	86.0	97.0	96.0	71.5	83.0	12.0	85.0	43
SR 2000	53	58.0	31.5	76	29.0	9.0	32.0	57.0	36.0	29.0	57.5	68.0	39.5	59.0	44
PLATINI	36	15.0	13.0	37	51.0	66.0	29.0	85.0	29.0	23.0	22.0	17.5	84.0	40.5	45

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BAR VB 3115B	102	37.0	26.0	59	78.0	88.0	46.5	18.0	89.0	74.0	27.5	85.0	66.0	101.0	46
NJ-GD	19	26.5	41.0	19	62.0	45.0	53.5	17.0	67.0	26.0	73.0	96.0	36.0	50.0	47
ADVOCATE (HV 130)	72	24.0	77.0	87	58.0	80.0	96.0	34.0	62.0	19.0	37.5	55.0	63.0	69.0	48
LIVINGSTON	38	59.0	39.0	20	93.0	58.0	19.0	45.0	70.0	47.0	68.5	98.0	11.0	96.0	49
BA 81-270	86	18.0	53.0	41	38.0	69.0	6.0	62.0	98.0	73.0	74.0	82.0	71.0	75.0	50
LKB-95	28	39.0	79.0	51	95.0	99.0	1.0	11.0	41.0	41.0	52.0	23.0	65.0	90.0	51
HAGA	55	67.0	42.0	55	97.0	28.0	30.0	48.0	88.0	78.0	60.0	84.0	20.0	95.0	52
SEABRING (BA 79-260)	27	88.0	76.0	47	3.0	65.0	62.0	31.0	21.0	52.0	70.0	95.0	87.0	14.0	53
CHALLENGER	61	26.5	61.0	33	30.0	29.0	59.0	94.0	25.0	100.0	54.5	51.0	75.0	27.0	54
BARIRIS (BAR VB 5649)	77	13.0	31.5	39	82.0	42.0	13.0	83.0	43.0	43.0	25.5	56.0	70.0	63.0	55
CALIBER	16	49.0	44.0	48	90.5	72.0	46.5	77.0	46.0	36.5	25.5	27.0	74.0	72.0	56
BARITONE (BAR VB 233)	25	40.0	30.0	45	94.0	62.0	15.0	92.0	47.0	31.0	45.0	42.0	83.0	40.5	57
SHAMROCK	90	41.0	52.0	54	34.0	91.0	39.0	44.0	22.0	39.0	82.5	54.0	61.0	81.0	58
PST-BO-165	88	17.0	89.0	65	87.0	73.0	11.0	82.0	51.0	87.0	62.0	77.0	68.0	79.0	59
JEWEL (BA 81-227)	42	42.0	46.0	70	55.0	47.0	82.0	71.0	57.5	48.0	87.0	63.0	64.0	49.0	60
FORTUNA	59	93.0	70.0	97	66.0	48.0	12.0	54.0	55.5	94.0	34.5	48.0	62.0	33.0	61
ZPS-309	23	70.5	38.0	42	85.0	39.0	14.0	96.0	87.0	76.0	53.0	37.0	72.0	67.0	62
CLASSIC	24	68.0	37.0	60	71.5	54.0	63.0	72.0	49.0	90.0	68.5	64.0	24.0	91.0	63
RAVEN	92	85.5	56.0	90	25.5	44.0	76.0	55.5	93.0	42.0	79.5	99.0	13.0	52.0	64
BA 73-373	34	76.0	71.0	93	33.0	35.0	43.5	47.0	72.0	81.0	79.5	89.0	21.0	43.5	65
BARTITIA	93	26.5	82.0	35	57.0	64.0	7.0	39.0	32.0	59.0	27.5	19.0	100.0	32.0	66
ASCOT	68	72.5	66.0	34	92.0	50.0	75.0	33.0	37.0	72.0	36.0	44.0	89.0	37.0	67
BA 75-490	70	20.0	58.0	72	42.0	61.0	88.0	80.0	30.0	66.0	100.0	59.0	44.0	73.5	68
SR 2100	82	84.0	34.0	95	44.0	41.0	43.5	52.0	19.0	40.0	88.0	90.0	27.0	73.5	69
MARQUIS	78	91.0	64.0	82	25.5	75.0	23.0	63.0	86.0	56.0	54.5	72.0	14.0	29.0	70
MED-1580	84	65.0	74.0	64	56.0	87.0	21.0	27.0	33.0	55.0	76.0	33.0	76.0	52.0	71
BA 77-702	83	87.0	65.0	98	53.0	77.0	10.0	60.0	84.5	64.0	82.5	88.0	4.0	35.0	72
BA 70-060	52	100.0	54.0	89	36.0	78.0	25.0	69.0	68.0	63.0	85.0	80.0	9.0	45.5	73
GOLDRUSH (BA 87-102)	41	85.5	69.0	88	20.0	86.0	48.0	79.0	52.0	83.0	65.5	86.0	52.0	61.0	74
ENVICTA (BA 75-173)	50	70.5	78.0	96	71.5	59.5	22.0	78.0	73.0	60.0	90.0	92.0	18.0	65.0	75
ABBEY	62	89.0	67.0	84	65.0	84.0	68.0	73.0	94.0	79.0	91.0	75.0	7.0	80.0	76
NJ-54	97	63.0	80.0	74	61.0	83.0	18.0	97.0	66.0	33.0	89.0	67.0	53.0	88.0	77
A88-744	35	97.0	40.0	94	73.0	37.0	95.0	87.0	13.0	86.0	77.0	97.0	35.0	57.0	78
BA 81-220	103	95.0	68.0	92	28.0	79.0	37.0	42.0	75.0	61.0	95.0	45.0	10.0	26.0	79
J-1555	69	64.0	91.0	80	41.0	18.5	101.0	67.0	31.0	70.0	32.0	38.0	81.0	55.0	80
DRAGON (ZPS-429)	30	94.0	48.0	63	69.0	53.0	40.0	65.0	61.0	28.0	101.0	39.0	38.0	64.0	81
NIMBUS	89	61.0	83.0	83	52.0	76.0	3.0	74.0	82.0	95.0	93.0	71.0	46.0	98.0	82
BARON	46	82.0	72.0	99	47.0	63.0	34.0	81.0	79.0	77.0	67.0	70.0	59.0	39.0	83
MISTY (BA 76-372)	66	62.0	93.0	38	84.0	25.0	56.5	50.0	34.0	30.0	86.0	94.0	97.0	59.0	84
VB 16015	9	74.0	90.0	71	50.0	71.0	55.0	76.0	14.0	101.0	81.0	49.0	95.0	9.0	85
BLUECHIP (MED-1991)	67	75.0	85.0	85	99.0	38.0	102.0	70.0	55.5	71.0	42.5	73.0	30.0	31.0	86
HV 242	91	31.0	49.0	67	74.0	70.0	78.5	102.0	57.5	62.0	21.0	50.0	91.0	82.5	87
CARDIFF	11	72.5	102.0	46	75.0	94.0	72.5	22.0	28.0	84.0	31.0	61.0	93.0	47.5	88
PICK-855	87	50.0	81.0	69	88.0	81.0	60.0	24.0	100.0	99.0	98.0	57.5	85.0	97.0	89
BA 75-163	73	66.0	94.0	77	22.0	59.5	31.0	95.0	17.0	89.0	99.0	87.0	90.0	18.0	90

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-NINE LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1996-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	NC1	NE1	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BAR VB 6820	81	80.5	57.0	18	101.0	89.0	33.0	100.0	53.0	75.0	29.5	36.0	101.0	12.0	91
SRX 2205	99	69.0	84.0	53	76.0	97.0	78.5	59.0	103.0	82.0	97.0	52.0	73.0	86.0	92
BA 81-113	44	99.0	96.0	100	79.0	52.0	61.0	93.0	79.0	68.0	94.0	69.0	16.0	52.0	93
BA 76-197	31	90.0	95.0	75	89.0	98.0	67.0	84.0	95.0	97.0	65.5	100.0	45.0	89.0	94
LTP-620	74	83.0	88.0	79	96.0	49.0	83.0	91.0	79.0	102.0	78.0	57.5	58.0	70.5	95
SIDEKICK	49	98.0	86.0	86	102.0	51.0	80.0	99.0	90.0	91.0	96.0	101.0	8.0	99.0	96
H86-690	79	80.5	97.0	78	81.0	103.0	81.0	51.0	42.0	67.0	92.0	47.0	92.0	62.0	97
SODNET	76	77.0	103.0	73	77.0	96.0	85.0	90.0	7.0	98.0	71.5	65.0	99.0	36.0	98
LIPOA	100	96.0	100.0	101	83.0	82.0	71.0	101.0	99.0	92.0	24.0	78.0	103.0	87.0	99
COMPACT	96	78.0	92.0	102	100.0	101.0	92.0	68.0	102.0	93.0	56.0	102.0	69.0	102.0	100
PEPAYA (DP 37-192)	98	101.0	98.0	81	86.0	95.0	72.5	103.0	48.0	103.0	84.0	62.0	102.0	76.5	101
BARUZO	48	103.0	101.0	91	90.5	85.0	56.5	88.0	76.0	85.0	102.0	91.0	98.0	94.0	102
KENBLUE	64	102.0	99.0	103	103.0	100.0	103.0	98.0	101.0	88.0	103.0	103.0	88.0	103.0	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 FOR EACH YEAR (FULL SUN) IN THE U.S. AND CANADA 1/ 1996-2000 DATA

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

NAME	1996	1997	1998	1999	2000	MEAN
MIDNIGHT	6.3	6.6	6.5	6.4	7.4	6.4
LIBERATOR (ZPS-2572)	6.3	6.6	6.5	6.3	7.3	6.4
BRILLIANT (PST-B2-42)	6.2	6.7	6.6	6.3	6.7	6.4
TOTAL ECLIPSE (TCR-1738)	6.2	6.4	6.5	6.2	7.3	6.3
AWARD	6.2	6.5	6.5	6.2	7.0	6.3
NUGLADE	6.1	6.5	6.4	6.2	7.2	6.3
ODYSSEY (J-1561)	6.2	6.5	6.4	6.2	6.8	6.3
UNIQUE	6.3	6.4	6.4	6.1	6.4	6.3
IMPACT (J-1576)	6.1	6.5	6.4	6.2	7.0	6.3
SHOWCASE (PST-BO-141)	6.2	6.4	6.4	6.2	6.7	6.3
APOLLO (PST-B3-180)	6.1	6.5	6.4	6.1	6.6	6.3
RUGBY II (MED-18)	6.1	6.5	6.3	6.1	6.7	6.2
AMERICA	6.1	6.4	6.4	6.1	6.4	6.2
PRINCETON 105	6.0	6.4	6.3	6.2	6.7	6.2
BLACKSBURG	6.2	6.4	6.1	6.0	6.9	6.2
BLACKSTONE (PST-638)	6.1	6.3	6.3	6.0	6.7	6.1
QUANTUM LEAP (J-1567)	6.1	6.4	6.2	5.8	6.8	6.1
PICK 8	6.0	6.3	6.2	6.1	6.7	6.1
MOONLIGHT (PST-A418)	6.0	6.3	6.3	6.0	7.3	6.1
ARCADIA (J-1936)	6.0	6.3	6.2	5.9	6.8	6.1
ABSOLUTE (MED-1497)	6.2	6.4	6.0	5.8	6.7	6.1
NORTH STAR (PST-A7-60)	5.8	6.2	6.3	6.2	6.7	6.1
GLADE	6.0	6.1	6.1	5.9	6.4	6.0
JEFFERSON	6.0	6.2	6.0	5.9	6.5	6.0
WILDWOOD	5.9	6.1	6.1	5.8	6.5	6.0
ECLIPSE	5.8	6.1	6.0	5.9	6.5	6.0
RAMBO (J-2579)	5.9	6.3	6.0	5.7	6.4	6.0
SERENE (PST-A7-245A)	5.8	6.2	6.0	5.7	6.4	5.9
CHICAGO (J-2582)	5.9	6.1	6.0	5.8	6.1	5.9
LIMOUSINE	6.0	6.2	5.9	5.5	5.9	5.9
CHAMPAGNE (LTP-621)	5.8	6.0	6.0	5.8	6.5	5.9
EXPLORER (PICK-3561)	5.9	6.2	5.9	5.6	6.4	5.9
ALLURE	6.0	6.2	5.8	5.5	6.3	5.9
ZPS-2183	5.7	6.1	6.0	5.9	6.6	5.9
BARONETTE (BA 81-058)	6.0	6.1	5.9	5.7	6.4	5.9
CHATEAU	6.0	6.1	5.9	5.5	6.3	5.9
CONNI	5.9	6.0	5.9	5.6	6.5	5.9
NJ 1190	5.9	6.0	5.8	5.6	6.6	5.9
SR 2109	5.8	6.1	5.9	5.7	6.3	5.9
COVENTRY	5.9	6.1	5.8	5.5	6.2	5.9
PST-P46	5.9	5.9	5.8	5.6	6.3	5.8
NUSTAR	5.7	6.0	5.9	5.8	6.4	5.8
BARONIE	6.0	6.1	5.7	5.6	6.0	5.8
SR 2000	5.9	6.1	5.9	5.6	6.2	5.8
PLATINI	5.9	6.0	5.9	5.5	6.0	5.8

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR (FULL SUN) IN THE U.S. AND CANADA 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 3115B	5.8	6.0	5.9	5.6	6.0	5.8
NJ-GD	5.8	6.0	5.9	5.6	6.5	5.8
ADVOCATE (HV 130)	5.9	6.0	5.8	5.5	5.7	5.8
LIVINGSTON	5.8	6.0	5.8	5.7	6.5	5.8
BA 81-270	5.8	6.0	5.8	5.5	6.5	5.8
LKB-95	5.8	5.9	5.8	5.6	6.4	5.8
HAGA	6.0	6.0	5.6	5.5	6.2	5.8
SEABRING (BA 79-260)	5.8	6.0	5.8	5.5	6.6	5.8
CHALLENGER	5.9	6.1	5.7	5.4	6.2	5.8
BARIRIS (BAR VB 5649)	5.8	5.9	5.8	5.5	5.9	5.8
CALIBER	5.8	5.9	5.8	5.5	6.2	5.8
BARITONE (BAR VB 233)	5.9	5.9	5.6	5.5	6.1	5.7
SHAMROCK	5.7	5.9	5.8	5.5	6.0	5.7
PST-BO-165	5.6	6.0	5.8	5.4	6.2	5.7
JEWEL (BA 81-227)	5.6	5.9	5.7	5.6	6.3	5.7
FORTUNA	5.7	6.0	5.7	5.3	6.1	5.7
ZPS-309	5.8	5.9	5.6	5.5	5.8	5.7
CLASSIC	5.8	5.8	5.6	5.5	6.0	5.7
RAVEN	5.7	5.8	5.7	5.5	6.0	5.7
BA 73-373	5.7	5.8	5.6	5.4	6.2	5.6
BARTITIA	5.9	5.9	5.6	5.1	5.9	5.6
ASCOT	5.6	5.9	5.7	5.4	6.2	5.6
BA 75-490	5.5	5.6	5.6	5.7	6.3	5.6
SR 2100	5.7	5.8	5.6	5.5	5.9	5.6
MARQUIS	5.6	5.8	5.7	5.3	6.1	5.6
MED-1580	5.7	5.7	5.5	5.5	6.2	5.6
BA 77-702	5.6	5.8	5.6	5.4	6.0	5.6
BA 70-060	5.6	5.8	5.6	5.3	6.3	5.6
GOLDRUSH (BA 87-102)	5.6	5.8	5.6	5.3	6.3	5.6
ENVICTA (BA 75-173)	5.6	5.7	5.6	5.4	5.9	5.6
ABBEY	5.6	5.7	5.6	5.4	6.0	5.6
NJ-54	5.3	5.8	5.6	5.5	6.2	5.6
A88-744	5.5	5.8	5.5	5.4	6.1	5.6
BA 81-220	5.6	5.7	5.6	5.4	6.0	5.5
J-1555	5.7	5.8	5.5	5.2	6.0	5.5
DRAGON (ZPS-429)	5.6	5.7	5.5	5.4	6.4	5.5
NIMBUS	5.8	5.7	5.4	5.2	6.0	5.5
BARON	5.5	5.8	5.6	5.2	6.0	5.5
MISTY (BA 76-372)	5.4	5.7	5.4	5.4	6.4	5.5
VB 16015	5.6	5.8	5.4	5.3	6.2	5.5
BLUECHIP (MED-1991)	5.5	5.7	5.5	5.2	5.9	5.5
HV 242	5.6	5.6	5.4	5.3	5.8	5.5
CARDIFF	5.3	5.7	5.5	5.3	6.2	5.4
PICK-855	5.3	5.5	5.4	5.4	6.2	5.4
BA 75-163	5.4	5.5	5.5	5.1	6.5	5.4

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR (FULL SUN) IN THE U.S. AND CANADA 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 6820	5.3	5.8	5.4	5.0	5.9	5.4
SRX 2205	5.7	5.5	5.1	5.0	5.7	5.4
BA 81-113	5.5	5.5	5.3	5.2	6.1	5.3
BA 76-197	5.1	5.4	5.5	5.2	6.4	5.3
LTP-620	5.1	5.4	5.4	5.3	6.2	5.3
SIDEKICK	5.1	5.3	5.4	5.3	6.1	5.3
H86-690	5.4	5.3	5.1	5.2	6.0	5.2
SODNET	5.1	5.5	5.1	5.1	6.2	5.2
LIPOA	5.3	5.4	4.9	4.7	5.3	5.1
COMPACT	5.3	5.2	4.9	4.8	5.5	5.1
PEPAYA (DP 37-192)	5.1	5.3	4.8	4.4	5.3	4.9
BARUZO	5.0	4.9	4.7	4.6	5.5	4.8
KENBLUE	4.9	4.6	4.6	4.8	5.5	4.7
LSD VALUE	0.2	0.2	0.2	0.2	0.4	0.1
C.V. (%)	10.3	9.0	9.8	10.1	10.4	13.5

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

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

TABLE 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR (FULL SUN) IN THE U.S. AND CANADA 1/ 1996-2000 DATA

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

NAME	1996	1997	1998	1999	2000	MEAN
MIDNIGHT	1	2	2	1	1	1
LIBERATOR (ZPS-2572)	2	3	3	2	4	2
BRILLIANT (PST-B2-42)	6	1	1	3	18	3
TOTAL ECLIPSE (TCR-1738)	4	11	5	4	2	4
AWARD	5	8	4	8	7	5
NUGLADE	11	5	9	6	5	6
ODYSSEY (J-1561)	10	4	6	11	10	7
UNIQUE	3	10	10	12	37	8
IMPACT (J-1576)	15	6	8	7	6	9
SHOWCASE (PST-BO-141)	7	17	12	9	14	10
APOLLO (PST-B3-180)	16	7	7	14	21	11
RUGBY II (MED-18)	14	9	13	15	19	12
AMERICA	13	15	11	16	41	13
PRINCETON 105	21	16	14	5	15	14
BLACKSBURG	8	14	21	17	8	15
BLACKSTONE (PST-638)	17	20	16	18	13	16
QUANTUM LEAP (J-1567)	12	12	18	25	11	17
PICK 8	24	21	19	13	12	18
MOONLIGHT (PST-A418)	29	19	15	19	3	19
ARCADIA (J-1936)	22	18	20	20	9	20
ABSOLUTE (MED-1497)	9	13	25	30	16	21
NORTH STAR (PST-A7-60)	46	26	17	10	17	22
GLADE	19	34	23	23	35	23
JEFFERSON	25	28	26	21	31	24
WILDWOOD	32	33	22	28	30	25
ECLIPSE	51	29	31	22	28	26
RAMBO (J-2579)	36	22	29	36	34	27
SERENE (PST-A7-245A)	58	24	24	33	40	28
CHICAGO (J-2582)	40	31	28	29	68	29
LIMOUSINE	18	25	39	63	93	30
CHAMPAGNE (LTP-621)	44	43	27	26	25	31
EXPLORER (PICK-3561)	38	27	34	43	42	32
ALLURE	28	23	43	53	45	33
ZPS-2183	66	30	30	24	23	34
BARONETTE (BA 81-058)	23	37	42	35	33	35
CHATEAU	27	38	38	49	52	36
CONNI	39	42	40	46	27	37
NJ 1190	37	46	49	38	20	38
SR 2109	55	39	33	31	49	39
COVENTRY	35	35	46	54	64	40
PST-P46	31	59	44	37	48	41
NUSTAR	61	52	35	27	36	42
BARONIE	26	32	56	44	76	43
SR 2000	41	36	36	41	56	44
PLATINI	33	49	37	64	80	45

TABLE 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR (FULL SUN) IN THE U.S. AND CANADA 1996-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 3115B	54	45	32	40	85	46
NJ-GD	48	51	41	39	24	47
ADVOCATE (HV 130)	30	54	47	50	97	48
LIVINGSTON	53	44	51	32	32	49
BA 81-270	45	41	55	62	29	50
LKB-95	59	58	45	45	44	51
HAGA	20	53	71	48	67	52
SEABRING (BA 79-260)	49	48	52	56	22	53
CHALLENGER	42	40	57	67	53	54
BARIRIS (BAR VB 5649)	56	56	50	52	88	55
CALIBER	50	57	53	58	57	56
BARITONE (BAR VB 233)	43	55	64	60	71	57
SHAMROCK	63	60	48	47	81	58
PST-BO-165	79	47	54	66	55	59
JEWEL (BA 81-227)	81	64	58	42	51	60
FORTUNA	65	50	61	80	73	61
ZPS-309	52	63	69	61	96	62
CLASSIC	47	74	70	55	79	63
RAVEN	67	77	60	65	86	64
BA 73-373	62	67	67	74	60	65
BARTITIA	34	61	75	95	94	66
ASCOT	75	62	59	77	63	67
BA 75-490	83	89	66	34	47	68
SR 2100	68	66	78	59	91	69
MARQUIS	70	65	62	81	74	70
MED-1580	60	87	80	57	62	71
BA 77-702	82	69	65	69	77	72
BA 70-060	72	70	63	79	50	73
GOLDRUSH (BA 87-102)	73	68	76	83	46	74
ENVICTA (BA 75-173)	71	83	77	75	89	75
ABBAY	80	81	68	68	83	76
NJ-54	93	73	72	51	61	77
A88-744	85	72	79	70	69	78
BA 81-220	78	86	74	72	75	79
J-1555	69	76	84	89	78	80
DRAGON (ZPS-429)	77	84	81	73	39	81
NIMBUS	57	82	89	91	82	82
BARON	84	78	73	90	84	83
MISTY (BA 76-372)	88	80	87	71	38	84
VB 16015	76	71	88	85	54	85
BLUECHIP (MED-1991)	86	79	83	88	90	86
HV 242	74	88	91	86	95	87
CARDIFF	92	85	82	84	66	88
PICK-855	91	90	93	76	59	89
BA 75-163	90	91	86	94	26	90

TABLE 5. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR (FULL SUN) IN THE U.S. AND CANADA 1996-2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 6820	94	75	92	98	92	91
SRX 2205	64	92	97	97	98	92
BA 81-113	87	94	95	93	72	93
BA 76-197	97	96	85	87	43	94
LTP-620	99	97	90	78	58	95
SIDEKICK	100	98	94	82	70	96
H86-690	89	99	96	92	87	97
SODNET	98	93	98	96	65	98
LIPCA	96	95	100	101	103	99
COMPACT	95	101	99	99	101	100
PEPAYA (DP 37-192)	101	100	101	103	102	101
BARUZO	102	102	102	102	100	102
KENBLUE	103	103	103	100	99	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 4.
- 2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (DENSE SHADE) AT SILVER SPRING, MD 1/ 1996-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PRINCETON 105	5.0	5.6	5.4	5.0	5.0	5.0	5.0	4.7	5.2
AMERICA	4.9	5.4	5.7	5.4	4.8	4.9	4.9	4.3	5.1
CHATEAU	4.9	5.4	5.4	5.3	4.7	4.8	4.6	4.3	5.0
SR 2000	4.9	5.4	5.4	5.0	4.6	4.8	4.9	4.0	5.0
BRILLIANT (PST-B2-42)	4.8	5.4	5.3	5.0	4.9	4.9	4.7	4.0	5.0
COMPACT	5.1	5.2	5.1	5.0	4.6	4.8	4.7	4.7	4.9
ASCOT	4.7	5.3	5.2	5.0	4.7	4.8	4.7	4.0	4.9
COVENTRY	4.7	5.2	5.4	5.1	4.7	4.7	4.7	3.7	4.9
SHOWCASE (PST-BO-141)	4.6	5.2	5.2	4.9	4.6	4.8	4.8	4.7	4.9
BA 81-270	4.9	5.2	5.2	5.0	4.6	4.7	4.6	4.0	4.9
MOONLIGHT (PST-A418)	4.7	5.1	5.3	4.9	4.7	4.7	4.6	4.0	4.8
NUGLADE	4.7	5.3	5.0	4.9	4.8	4.9	4.3	3.7	4.8
BAR VB 3115B	4.6	5.0	5.1	5.0	4.8	4.8	4.6	4.0	4.8
EXPLORER (PICK-3561)	4.9	5.2	5.1	5.0	4.3	4.7	4.4	3.7	4.8
UNIQUE	4.4	5.1	5.0	4.9	4.7	4.8	4.8	4.0	4.8
CHAMPAGNE (LTP-621)	4.7	5.2	5.1	5.0	4.6	4.7	4.4	3.3	4.8
ABSOLUTE (MED-1497)	4.7	5.1	5.1	4.9	4.4	4.4	4.2	3.3	4.7
IMPACT (J-1576)	4.6	4.9	5.0	5.0	4.4	4.4	4.6	3.7	4.7
LIBERATOR (ZPS-2572)	4.7	5.1	5.2	4.7	4.6	4.7	4.2	3.3	4.7
ALLURE	4.4	4.8	5.0	4.8	4.6	4.4	4.7	3.7	4.7
QUANTUM LEAP (J-1567)	4.3	4.9	5.0	4.7	4.8	4.6	4.4	4.0	4.6
ENVICTA (BA 75-173)	4.8	5.1	5.0	4.9	4.2	4.3	4.2	3.0	4.6
APOLLO (PST-B3-180)	4.4	4.7	4.9	4.6	4.6	4.6	4.6	4.3	4.6
LKB-95	4.7	4.9	5.1	4.4	4.1	4.2	4.6	4.3	4.6
CHICAGO (J-2582)	4.4	4.9	5.0	4.4	4.3	4.4	4.6	4.3	4.6
PST-P46	4.7	4.9	5.2	4.7	4.3	4.2	4.2	3.7	4.6
LIPOA	4.8	4.9	5.2	4.3	4.0	4.6	4.3	3.3	4.6
LTP-620	4.7	5.0	5.1	4.6	4.2	4.2	4.2	4.0	4.6
HAGA	4.7	4.6	5.1	4.8	4.2	4.4	4.2	3.7	4.6
PLATINI	4.7	5.0	4.8	4.7	4.3	4.3	4.2	3.3	4.5
LIVINGSTON	4.4	4.8	4.9	4.4	4.3	4.4	4.4	3.7	4.5
CALIBER	4.4	4.9	5.1	4.7	4.4	4.3	4.1	3.3	4.5
CONNI	4.6	4.9	5.0	4.4	4.0	4.3	4.3	3.7	4.5
PST-BO-165	4.6	4.9	4.9	4.7	4.1	4.1	4.2	4.3	4.5
SERENE (PST-A7-245A)	4.4	4.7	4.8	4.6	4.3	4.6	4.3	3.3	4.5
ZPS-309	4.6	5.0	5.1	4.4	4.1	4.2	4.2	3.0	4.5
NJ-GD	4.7	4.8	5.0	4.6	4.3	4.2	4.0	2.7	4.5
PICK-855	4.4	4.9	4.9	4.7	4.1	4.4	4.0	3.0	4.5
BARONETTE (BA 81-058)	4.6	4.8	4.7	4.3	4.1	4.2	4.3	4.3	4.5
MED-1580	4.2	4.7	4.9	4.8	4.1	4.3	4.2	3.3	4.4
TOTAL ECLIPSE (TCR-1738)	4.3	4.7	4.9	4.4	4.6	4.2	4.2	3.0	4.4
BARIRIS (BAR VB 5649)	4.3	4.7	5.0	4.6	4.1	4.2	4.0	3.3	4.4
RAMBO (J-2579)	4.4	4.7	4.8	4.4	4.1	4.0	4.0	4.0	4.4
GOLDRUSH (BA 87-102)	4.3	4.8	4.9	4.4	4.0	4.0	4.0	3.7	4.4

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (DENSE SHADE) AT SILVER SPRING, MD 1996-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BLUECHIP (MED-1991)	4.2	4.7	4.6	4.6	4.4	4.2	4.0	3.0	4.3
SIDEKICK	4.3	4.6	5.0	4.2	3.9	4.4	4.0	3.7	4.3
CARDIFF	4.3	4.7	4.7	4.4	4.1	4.0	4.0	3.3	4.3
MISTY (BA 76-372)	4.4	4.3	4.9	4.2	4.0	4.1	4.1	4.0	4.3
SEABRING (BA 79-260)	4.2	4.4	4.7	4.6	4.1	4.1	4.1	3.3	4.3
CHALLENGER	4.3	4.6	4.8	4.4	4.1	3.8	4.1	3.7	4.3
ECLIPSE	4.4	4.6	4.9	4.2	4.0	3.8	4.0	4.3	4.3
CLASSIC	4.3	4.6	4.8	4.4	3.9	4.1	4.0	3.3	4.3
GLADE	4.2	4.8	4.9	4.3	4.0	4.0	3.9	3.7	4.3
SRX 2205	4.6	4.7	4.7	4.2	3.9	3.9	4.1	3.7	4.3
JEFFERSON	4.3	4.4	4.6	4.3	4.1	4.1	4.0	3.7	4.3
RUGBY II (MED-18)	4.2	4.8	4.8	4.3	4.0	3.8	4.0	4.0	4.3
NORTH STAR (PST-A7-60)	4.4	4.7	4.9	4.2	3.9	3.9	3.8	3.3	4.3
JEWEL (BA 81-227)	4.1	4.3	4.4	4.3	4.0	4.1	4.2	3.7	4.2
SHAMROCK	4.3	4.6	4.8	4.4	4.1	3.9	3.8	2.7	4.2
BA 70-060	4.3	4.4	4.7	4.6	3.9	4.1	3.7	3.0	4.2
ABBAY	4.3	4.6	4.8	4.2	3.9	4.0	3.8	3.7	4.2
PEPAYA (DP 37-192)	4.4	4.7	5.0	4.3	3.6	3.8	3.7	2.7	4.2
WILDWOOD	4.3	4.4	4.7	4.3	4.0	3.9	3.8	3.0	4.2
LIMOUSINE	4.7	4.6	4.8	4.2	3.7	3.7	3.6	3.3	4.2
SR 2109	4.3	4.2	4.7	4.0	3.8	3.7	4.0	4.3	4.1
ZPS-2183	4.3	4.8	4.6	4.3	3.8	3.7	3.6	2.3	4.1
PICK 8	4.0	4.2	4.4	4.0	4.0	3.9	4.1	3.7	4.1
J-1555	4.2	4.6	4.2	4.1	3.7	4.0	3.8	3.0	4.1
AWARD	4.1	4.2	4.6	4.1	3.8	3.7	3.8	3.3	4.0
MARQUIS	4.1	4.3	4.8	4.3	3.8	3.6	3.4	2.3	4.0
BLACKSTONE (PST-638)	4.1	4.3	4.6	4.1	3.6	3.6	3.8	3.3	4.0
NIMBUS	4.3	4.6	4.7	3.8	3.6	3.7	3.6	2.7	4.0
A88-744	4.1	4.4	4.6	4.1	3.7	3.6	3.6	2.7	4.0
BA 76-197	4.1	4.4	4.4	3.9	3.6	3.6	3.4	4.0	4.0
NJ 1190	4.3	4.6	4.3	4.1	3.6	3.7	3.3	2.0	3.9
BA 75-163	3.8	4.1	4.3	4.1	3.6	3.7	3.4	3.0	3.9
ARCADIA (J-1936)	3.8	4.1	4.4	3.8	3.6	3.7	3.3	2.7	3.8
BARONIE	3.8	3.9	4.1	3.8	3.4	3.4	3.2	2.3	3.7
BA 77-702	3.8	4.0	4.1	3.8	3.3	3.4	3.2	2.7	3.6
NUSTAR	3.7	3.9	3.9	3.4	3.3	3.3	3.4	4.0	3.6
BARITONE (BAR VB 233)	3.9	3.9	4.3	3.7	3.2	3.2	3.2	2.3	3.6
NJ-54	3.8	3.8	4.1	3.4	3.3	3.6	3.2	3.0	3.6
BARUZO	3.8	4.0	4.1	3.9	3.3	3.3	3.0	1.7	3.6
VB 16015	3.4	3.9	4.2	3.8	3.3	3.3	3.0	2.7	3.6
HV 242	3.6	3.8	4.0	3.4	3.2	3.4	3.3	3.3	3.5
SR 2100	3.7	3.9	4.0	3.4	3.1	3.3	3.2	3.0	3.5
ADVOCATE (HV 130)	3.8	3.8	4.0	3.6	3.2	3.2	3.1	2.7	3.5
BARTITIA	3.9	4.0	4.1	3.6	3.1	3.1	3.0	2.0	3.5
H86-690	3.6	3.9	3.8	3.2	3.1	3.2	3.2	3.0	3.4

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT (DENSE SHADE) AT SILVER SPRING, MD
1996-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
MIDNIGHT	3.6	3.7	3.9	3.6	3.2	3.1	3.1	2.3	3.4
BLACKSBURG	3.6	3.8	3.9	3.6	3.0	3.0	2.9	2.3	3.4
BARON	3.6	3.8	3.9	3.3	3.0	3.0	2.8	2.3	3.3
BA 81-113	3.4	3.7	3.8	3.3	2.9	3.0	2.9	2.7	3.3
FORTUNA	3.4	3.7	3.9	3.3	3.0	3.0	2.9	2.0	3.3
KENBLUE	3.7	3.6	3.8	3.0	2.8	3.1	2.9	3.0	3.3
DRAGON (ZPS-429)	3.6	3.7	3.8	3.1	2.9	2.9	2.7	2.3	3.2
BA 73-373	3.3	3.7	3.7	3.3	2.8	3.0	2.8	2.3	3.2
ODYSSEY (J-1561)	3.3	3.6	3.6	3.1	2.7	2.8	2.9	3.7	3.2
BA 81-220	3.3	3.2	3.3	3.0	2.8	2.8	2.8	2.7	3.0
SODNET	3.3	3.3	3.4	3.0	2.6	2.8	2.8	2.3	3.0
BA 75-490	3.1	3.2	3.0	3.0	2.9	2.9	2.8	2.7	3.0
RAVEN	3.3	3.3	3.6	3.0	2.4	2.6	2.6	1.7	3.0
BAR VB 6820	3.0	3.2	3.4	2.7	2.4	2.6	2.3	2.0	2.8
LSD VALUE	1.0	1.0	1.2	1.1	1.0	1.0	0.9	1.8	0.9
C.V. (%)	26.7	24.4	27.9	28.4	26.5	27.0	26.4	33.1	24.1

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 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (ENTOMOLOGY STUDY) AT MEAD, NE 1/ 1996-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BRILLIANT (PST-B2-42)	4.0	7.5	7.0	7.0	6.3	7.5	8.0	6.9
NJ 1190	4.7	7.3	7.2	7.2	6.7	7.0	7.0	6.9
UNIQUE	3.7	7.2	6.8	7.5	6.7	7.0	7.3	6.8
PICK 8	3.7	6.8	6.8	7.2	6.2	7.3	7.3	6.7
BA 73-373	4.3	6.8	6.8	7.3	6.7	6.8	6.3	6.7
MOONLIGHT (PST-A418)	3.7	7.3	6.7	7.2	6.5	6.7	7.0	6.6
LIBERATOR (ZPS-2572)	4.3	7.5	7.3	6.8	6.3	6.5	6.3	6.6
CHATEAU	5.0	6.8	7.0	7.0	6.0	7.0	7.0	6.6
MARQUIS	4.3	6.8	7.0	7.2	6.5	6.7	6.3	6.6
RUGBY II (MED-18)	4.3	6.7	7.0	7.2	6.3	6.8	7.0	6.6
APOLLO (PST-B3-180)	4.0	7.7	6.7	6.8	6.0	6.5	7.0	6.6
NUGLADE	4.3	7.3	7.7	6.8	5.8	6.3	5.7	6.5
QUANTUM LEAP (J-1567)	3.7	6.7	7.5	7.0	6.2	6.7	6.7	6.5
BARTITIA	4.3	6.2	6.8	7.2	6.3	6.7	7.0	6.5
SHOWCASE (PST-BO-141)	3.7	7.3	6.8	6.8	6.0	6.7	6.3	6.5
ARCADIA (J-1936)	4.3	6.5	7.3	7.5	6.2	6.3	6.0	6.5
AMERICA	4.0	7.5	7.3	6.5	5.5	6.7	6.7	6.5
ADVOCATE (HV 130)	3.7	6.8	7.2	7.2	6.2	6.0	6.7	6.5
BA 81-270	5.0	7.3	6.8	6.5	5.5	6.8	6.3	6.5
PRINCETON 105	3.7	7.3	6.7	6.3	5.8	7.0	7.3	6.5
ABSOLUTE (MED-1497)	4.0	7.2	7.3	7.0	5.8	6.3	5.3	6.4
LIMOUSINE	4.0	6.7	7.3	6.5	6.0	6.7	7.3	6.4
ODYSSEY (J-1561)	3.7	6.5	7.2	7.0	6.2	7.0	6.3	6.4
BLACKSBURG	3.7	6.8	7.2	6.7	5.5	7.0	7.3	6.4
RAVEN	4.3	6.8	7.0	6.7	5.8	6.8	6.3	6.4
IMPACT (J-1576)	3.7	6.7	7.2	6.7	6.0	6.7	6.7	6.4
ZES-2183	4.0	7.3	6.8	7.0	5.7	6.0	7.0	6.4
BAR VB 3115B	4.0	6.5	6.7	6.5	5.7	7.2	7.7	6.4
FORTUNA	3.7	6.5	6.8	7.3	6.0	6.7	6.3	6.4
BA 77-702	3.7	6.8	7.2	6.3	5.8	6.7	7.0	6.4
COVENTRY	4.0	7.5	6.8	6.5	5.5	6.5	6.3	6.4
EMVICTA (BA 75-173)	4.0	6.5	6.8	7.0	6.0	6.7	6.0	6.4
BARITONE (BAR VB 233)	5.0	6.7	6.5	6.8	5.7	6.7	6.3	6.4
MIDNIGHT	4.0	6.8	7.0	6.8	5.8	6.3	6.3	6.3
BA 70-060	4.0	7.0	7.2	6.8	5.7	6.3	5.7	6.3
GOLDRUSH (BA 87-102)	4.0	6.8	6.8	7.0	5.7	6.7	6.3	6.3
NIMBUS	4.0	7.0	7.0	6.8	5.0	6.5	6.3	6.3
BARONETTE (BA 81-058)	4.0	7.0	6.8	6.5	5.3	6.7	7.0	6.3
J-1555	4.0	6.8	6.3	7.2	6.2	6.2	6.3	6.3
BARIRIS (BAR VB 5649)	4.7	6.8	6.5	6.7	5.8	6.3	6.7	6.3
BARONIE	4.7	7.2	7.2	6.0	5.3	6.5	7.0	6.3
CHICAGO (J-2582)	4.3	7.0	6.5	7.0	5.3	6.5	6.7	6.3
H86-690	4.3	6.0	6.0	7.3	6.3	6.7	6.7	6.3
ABBAY	4.0	6.7	6.7	6.7	6.0	6.3	6.0	6.3

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (ENTOMOLOGY STUDY) AT MEAD, NE 1996-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SERENE (PST-A7-245A)	4.0	7.0	6.3	6.7	5.8	6.5	7.0	6.3
HV 242	4.3	6.3	6.5	6.7	5.8	6.5	6.7	6.2
SR 2100	4.0	6.5	6.5	6.5	6.2	6.5	6.3	6.2
MISTY (BA 76-372)	4.7	6.7	6.3	7.2	5.7	6.0	6.3	6.2
PST-BO-165	4.3	7.2	6.7	6.0	5.3	6.7	6.7	6.2
RAMBO (J-2579)	4.3	6.7	6.7	7.0	5.2	6.5	6.3	6.2
CHAMPAGNE (LTP-621)	4.0	6.8	6.3	6.2	5.5	6.8	6.7	6.2
PLATINI	4.7	6.7	6.7	6.7	5.5	6.3	5.7	6.2
PST-P46	4.0	6.8	7.5	6.5	5.3	6.0	5.3	6.2
SR 2000	4.7	7.5	7.2	6.5	4.8	5.8	6.7	6.2
SR 2109	4.0	7.0	6.3	6.0	5.7	6.7	6.3	6.2
NUSTAR	4.0	7.0	6.8	6.5	5.2	6.7	6.0	6.2
WILDWOOD	4.0	6.8	7.3	6.5	5.0	6.3	6.3	6.2
ALLURE	4.3	7.0	6.8	6.5	5.2	6.2	7.0	6.2
BLACKSTONE (PST-638)	3.7	6.3	6.8	6.7	5.5	6.7	6.3	6.2
BLUECHIP (MED-1991)	3.3	6.5	6.2	6.5	6.2	6.7	6.0	6.2
NJ-GD	4.3	6.7	6.5	6.7	5.3	6.3	6.7	6.2
JEWEL (BA 81-227)	3.7	7.0	7.0	6.0	5.3	6.5	6.7	6.2
NORTH STAR (PST-A7-60)	4.0	6.2	6.8	6.3	5.8	6.5	6.3	6.2
BARON	4.0	6.5	6.7	6.8	5.5	6.3	5.7	6.2
ZES-309	4.0	6.8	7.0	6.7	5.5	6.0	5.3	6.1
EXPLORER (PICK-3561)	3.7	6.2	6.5	6.7	5.8	6.5	6.3	6.1
SEABRING (BA 79-260)	4.0	6.7	6.5	6.5	5.7	6.2	6.3	6.1
LIVINGSTON	4.7	7.2	6.0	6.0	5.2	6.3	7.0	6.1
ASCOT	3.7	7.2	7.0	6.3	5.0	6.0	6.0	6.1
MED-1580	4.0	6.3	6.8	6.7	5.3	6.3	6.0	6.1
AWARD	3.3	6.5	6.8	6.3	5.3	6.7	7.0	6.1
TOTAL ECLIPSE (TCR-1738)	3.0	6.7	7.5	6.7	5.5	5.5	6.3	6.0
BA 75-490	4.7	6.8	6.5	6.0	4.7	6.5	7.0	6.0
ECLIPSE	4.3	6.5	6.2	6.3	5.5	6.3	6.7	6.0
GLADE	4.7	6.2	6.5	6.3	6.2	6.0	6.0	6.0
BA 81-113	3.7	6.5	6.8	6.7	5.3	5.8	5.7	6.0
CONNIE	3.7	6.5	7.3	6.3	5.2	6.0	6.3	6.0
HAGA	4.7	6.7	6.0	6.5	5.2	6.3	6.7	6.0
SHAMROCK	3.7	6.7	6.2	6.0	5.3	6.3	7.0	6.0
NJ-54	4.0	6.8	6.5	5.8	4.8	6.7	6.3	6.0
LKB-95	3.0	6.3	6.5	6.8	5.5	6.0	6.7	6.0
PICK-855	3.7	6.0	6.5	6.5	5.0	6.5	7.0	6.0
CALIBER	4.7	6.3	6.2	6.2	5.5	6.2	6.3	6.0
CHALLENGER	3.3	6.5	6.8	6.2	5.0	6.2	7.0	5.9
JEFFERSON	4.0	6.5	5.8	6.0	5.2	6.2	6.7	5.8
A88-744	4.0	6.7	6.5	5.8	4.8	6.0	6.7	5.8
SRX 2205	3.7	6.3	6.8	6.5	5.3	5.2	6.3	5.8
CLASSIC	4.3	7.0	6.2	5.8	4.8	6.0	6.7	5.8
SIDEKICK	4.0	7.0	6.5	5.3	4.3	6.3	7.0	5.8

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT (ENTOMOLOGY STUDY) AT MEAD, NE
1996-2000 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SODNET	3.3	6.2	6.7	6.8	5.5	5.5	5.3	5.8
CARDIFF	4.0	6.7	6.7	6.3	5.2	5.0	5.0	5.7
LIPOA	4.7	5.7	7.0	6.0	4.8	5.7	5.7	5.7
COMPACT	3.7	6.0	5.8	6.3	5.0	6.0	5.7	5.7
EA 81-220	3.7	6.8	6.3	6.2	4.7	5.2	5.7	5.6
VB 16015	3.7	6.5	5.8	6.3	4.8	5.5	7.3	5.6
EA 75-163	3.3	6.3	6.0	5.8	4.7	6.0	6.3	5.6
EA 76-197	4.0	6.3	6.3	5.5	4.8	5.8	5.3	5.6
LTP-620	3.7	6.2	5.8	5.7	4.8	5.8	5.7	5.6
DRAGON (ZPS-429)	4.0	6.3	6.2	6.0	4.7	5.0	6.3	5.5
BARUZO	4.0	5.8	5.7	5.8	4.7	6.0	6.0	5.5
KENBLUE	4.3	5.5	5.5	5.8	5.0	5.8	6.0	5.5
BAR VB 6820	2.3	5.5	6.2	6.0	5.3	5.8	5.3	5.5
EEPAYA (DP 37-192)	2.7	5.0	6.5	5.8	4.2	4.5	5.0	4.9
LSD VALUE	1.0	0.8	0.7	1.1	1.4	1.0	1.2	0.6
C.V. (%)	14.9	11.0	9.3	15.0	22.4	14.5	11.3	8.4

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 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
 USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
 1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/					MEAN
	1996	1997	1998	1999	2000	
LIBERATOR (ZPS-2572)	6.5	6.7	6.7	7.1	7.0	6.7
MIDNIGHT	6.2	6.6	6.7	7.1	7.2	6.6
NUGLADE	6.2	6.6	6.6	7.0	6.8	6.6
AWARD	6.5	6.7	6.7	6.8	6.6	6.5
PRINCETON 105	6.3	6.8	6.5	6.8	6.8	6.5
BLACKSBURG	6.6	6.8	6.3	6.5	6.7	6.5
TOTAL ECLIPSE (TCR-1738)	6.1	6.3	6.4	6.8	7.1	6.5
ODYSSEY (J-1561)	6.4	6.5	6.6	6.7	6.3	6.5
IMPACT (J-1576)	6.0	6.5	6.5	6.8	6.8	6.4
PICK 8	6.3	6.5	6.4	6.6	6.5	6.4
RUGBY II (MED-18)	6.2	6.7	6.4	6.6	6.3	6.4
BLACKSTONE (PST-638)	6.2	6.7	6.2	6.5	6.5	6.3
NORTH STAR (PST-A7-60)	6.1	6.6	6.5	6.7	6.6	6.3
BRILLIANT (PST-B2-42)	6.6	6.8	6.4	6.3	6.4	6.2
SHOWCASE (PST-BO-141)	6.5	6.7	6.2	6.2	6.4	6.2
UNIQUE	6.6	6.8	6.1	6.2	6.2	6.2
MOONLIGHT (PST-A418)	5.8	6.3	6.3	6.5	6.9	6.2
ABSOLUTE (MED-1497)	6.5	6.8	6.4	6.1	6.4	6.2
ZPS-2183	6.3	6.7	6.3	6.4	6.4	6.2
APOLLO (PST-B3-180)	6.2	6.6	6.1	6.3	6.4	6.2
QUANTUM LEAP (J-1567)	6.2	6.6	6.3	6.4	6.3	6.2
ECLIPSE	6.1	6.4	6.1	6.3	6.3	6.2
JEFFERSON	6.2	6.5	6.1	6.4	6.4	6.2
AMERICA	6.1	6.4	6.3	6.2	6.1	6.1
ARCADIA (J-1936)	6.2	6.5	6.3	6.3	6.4	6.1
WILDWOOD	6.2	6.6	6.3	6.4	6.4	6.1
PST-P46	6.1	6.3	6.1	6.4	6.3	6.1
ALLURE	6.2	6.6	6.0	5.9	6.1	6.1
CHATEAU	6.4	6.5	5.8	6.0	6.2	6.1
SERENE (PST-A7-245A)	6.1	6.6	6.1	6.1	6.2	6.1
BA 75-490	6.3	6.4	6.0	6.2	6.1	6.1
BA 81-270	6.2	6.6	6.1	6.1	6.5	6.1
NJ-GD	6.1	6.5	6.1	6.3	6.3	6.0
BARONETTE (BA 81-058)	6.2	6.4	6.1	6.2	6.1	6.0
PLATINI	6.3	6.6	5.8	5.8	5.8	6.0
LIMOUSINE	6.5	6.7	5.9	5.8	5.6	6.0
BARONIE	6.5	6.5	6.1	6.0	5.8	6.0
NJ 1190	6.4	6.7	6.1	6.2	6.7	6.0
GLADE	6.2	6.3	6.1	6.2	6.0	6.0
NUSTAR	6.1	6.3	6.1	6.2	6.2	6.0
CHAMPAGNE (LTP-621)	6.1	6.4	6.0	6.2	6.1	6.0
COVENTRY	6.3	6.7	6.0	5.8	5.9	6.0
SR 2000	6.0	6.4	6.2	6.2	6.0	6.0
CLASSIC	6.5	6.4	6.0	5.9	5.6	6.0
SR 2109	6.0	6.5	6.0	6.2	6.3	6.0

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D)
 GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
 USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1996	1997	1998	1999	2000	MEAN
HAGA	6.4	6.3	5.9	6.0	6.0	5.9
CONNI	6.1	6.4	5.8	5.9	6.5	5.9
CHICAGO (J-2582)	6.1	6.4	6.0	5.9	5.9	5.9
EXPLORER (PICK-3561)	6.1	6.6	5.9	5.9	5.9	5.9
RAMBO (J-2579)	6.2	6.6	5.9	5.9	6.2	5.9
JEWEL (BA 81-227)	5.9	6.5	5.9	6.1	6.2	5.9
BARITONE (BAR VB 233)	6.2	6.5	5.5	5.8	5.9	5.9
BARIRIS (BAR VB 5649)	6.0	6.4	5.9	5.9	5.9	5.9
CALIBER	6.3	6.5	5.8	5.7	6.0	5.9
LIVINGSTON	6.1	6.5	5.9	5.9	6.2	5.9
SEABRING (BA 79-260)	6.1	6.5	5.9	6.0	6.4	5.9
BAR VB 3115B	6.1	6.5	6.2	6.2	5.6	5.9
CHALLENGER	6.2	6.5	6.0	5.9	6.1	5.9
DRAGON (ZPS-429)	6.1	6.2	5.8	5.9	6.1	5.9
LKB-95	6.3	6.4	5.8	5.9	6.2	5.9
ZPS-309	6.1	6.4	5.6	5.7	5.4	5.8
ASCOT	5.8	6.3	5.9	6.0	6.1	5.8
NJ-54	6.1	6.4	5.7	5.9	5.8	5.8
PST-BO-165	5.8	6.5	5.8	5.9	5.9	5.8
MISTY (BA 76-372)	5.8	6.5	5.9	6.0	6.1	5.8
SR 2100	6.0	6.4	5.9	5.8	5.5	5.8
A88-744	6.0	6.4	5.8	5.9	5.7	5.8
SHAMROCK	6.2	6.4	6.0	5.9	5.6	5.8
BARTITIA	6.3	6.5	5.7	5.7	6.1	5.8
RAVEN	6.3	6.1	6.1	5.7	5.5	5.8
BA 73-373	6.3	6.2	5.9	5.6	5.8	5.7
BARON	6.2	6.4	6.0	5.4	5.7	5.7
MARQUIS	6.2	6.2	5.9	5.5	5.7	5.7
MED-1580	6.1	6.3	5.6	5.8	5.7	5.7
ADVOCATE (HV 130)	6.4	6.4	5.8	5.7	5.6	5.7
VB 16015	6.0	6.4	5.5	5.9	5.9	5.7
NIMBUS	6.3	6.4	5.7	5.6	5.6	5.7
HV 242	5.9	6.0	5.4	5.6	5.8	5.7
BA 77-702	6.0	6.3	5.8	5.6	5.6	5.7
J-1555	6.0	6.2	5.6	5.5	5.6	5.7
ABBAY	6.1	6.2	5.9	5.7	5.6	5.6
GOLDRUSH (BA 87-102)	6.2	6.3	5.6	5.4	6.1	5.6
BA 70-060	6.2	6.1	5.8	5.6	6.0	5.6
PICK-855	5.9	6.2	5.5	5.8	6.0	5.6
FORTUNA	6.0	6.2	5.6	5.6	5.6	5.6
SRX 2205	6.2	6.2	5.3	5.7	5.7	5.6
ENVICTA (BA 75-173)	6.0	6.2	5.6	5.4	5.5	5.6
SIDEKICK	5.6	6.0	5.7	5.7	5.8	5.6
BA 81-220	6.0	6.1	5.8	5.5	5.6	5.5
BA 75-163	5.7	6.0	5.5	5.4	6.2	5.5

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
USING 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF						
NAME	1996	1997	1998	1999	2000	MEAN
BAR VB 6820	5.6	6.3	5.6	5.5	6.1	5.5
BLUECHIP (MED-1991)	5.8	6.1	5.8	5.3	5.7	5.5
LTP-620	5.4	5.8	5.6	5.6	6.0	5.5
SODNET	5.7	6.2	5.4	5.7	6.2	5.5
BA 76-197	5.7	6.0	5.5	5.6	6.3	5.4
CARDIFF	5.5	6.3	5.3	5.5	6.1	5.4
BA 81-113	5.9	6.0	5.4	5.2	5.9	5.4
H86-690	6.2	6.0	5.3	5.5	5.8	5.3
COMPACT	5.8	5.6	5.0	5.2	5.2	5.2
KENBLUE	5.8	5.5	5.0	5.1	5.4	5.2
BARUZO	5.7	6.1	4.8	5.0	5.6	5.1
LIPOA	5.6	6.0	5.2	5.2	5.4	5.1
PEPAYA (DP 37-192)	5.4	5.8	5.1	5.2	5.7	5.1
LSD VALUE	0.4	0.3	0.3	0.3	0.6	0.2
C.V. (%)	10.5	7.4	8.5	9.9	12.0	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.
- 3/ 1996 DATA - AB1 IA1 IA2 MD1 MI1 MN1 NC1 OH1;
1997 DATA - AB1 IA1 IA2 MI1 MN1 NC1 OH1;
1998 DATA - AB1 IA1 MI1 MN1 NJ1 OK1;
1999 DATA - AB1 IA1 MI1 MN1 MO3 NJ1 NJ2 OH1;
2000 DATA - IA1 NC1 NJ2 OH1.

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
 USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
 1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/					MEAN
	1996	1997	1998	1999	2000	
MIDNIGHT	6.3	6.6	6.2	5.9	7.9	6.3
BRILLIANT (PST-B2-42)	6.0	6.7	6.5	6.1	7.2	6.2
LIBERATOR (ZPS-2572)	6.1	6.5	6.2	5.8	7.8	6.2
UNIQUE	6.1	6.3	6.3	6.1	6.8	6.1
TOTAL ECLIPSE (TCR-1738)	6.2	6.4	6.1	5.7	7.8	6.1
AWARD	6.0	6.4	6.3	5.8	7.6	6.1
AMERICA	6.1	6.4	6.3	5.9	6.9	6.1
ODYSSEY (J-1561)	6.0	6.6	6.1	5.8	7.7	6.1
APOLLO (PST-B3-180)	6.0	6.5	6.3	5.9	7.0	6.1
SHOWCASE (PST-BO-141)	6.0	6.4	6.3	6.0	7.3	6.1
IMPACT (J-1576)	6.1	6.4	6.1	5.7	7.6	6.1
NUGLADE	6.0	6.5	6.1	5.7	8.0	6.0
RUGBY II (MED-18)	6.0	6.5	6.1	5.8	7.5	6.0
PRINCETON 105	5.9	6.2	6.0	5.8	6.6	6.0
BLACKSTONE (PST-638)	5.9	6.1	6.2	5.7	7.1	6.0
QUANTUM LEAP (J-1567)	6.2	6.5	6.0	5.5	7.8	6.0
BLACKSBURG	6.0	6.3	6.0	5.8	7.2	6.0
MOONLIGHT (PST-A418)	5.8	6.2	6.1	5.6	8.0	6.0
JEFFERSON	6.1	6.2	6.0	5.7	6.7	6.0
NORTH STAR (PST-A7-60)	5.9	6.2	6.0	5.8	6.9	5.9
GLADE	6.1	6.2	5.9	5.7	7.2	5.9
PICK 8	5.8	6.2	5.9	5.8	7.3	5.9
ARCADIA (J-1936)	5.8	6.3	5.9	5.7	7.6	5.9
ABSOLUTE (MED-1497)	6.1	6.4	5.7	5.5	7.3	5.9
SR 2109	5.8	6.0	5.9	5.5	6.2	5.8
NUSTAR	5.8	6.1	5.8	5.7	6.9	5.8
CHICAGO (J-2582)	5.9	6.1	5.8	5.5	6.7	5.8
ECLIPSE	5.8	6.1	5.9	5.6	7.0	5.8
CHAMPAGNE (LTP-621)	5.9	6.0	5.9	5.6	7.3	5.8
EXPLORER (PICK-3561)	5.8	6.2	5.9	5.4	7.3	5.8
RAMBO (J-2579)	5.9	6.4	5.8	5.5	6.9	5.8
LIVINGSTON	5.8	5.9	5.8	5.6	6.9	5.7
NJ-GD	5.8	6.0	5.8	5.3	7.1	5.7
WILDWOOD	5.9	5.9	5.9	5.4	6.6	5.7
BARONETTE (BA 81-058)	5.9	5.9	5.6	5.4	7.1	5.7
CONNI	5.9	6.1	5.7	5.3	6.6	5.7
CHATEAU	5.9	5.9	5.8	5.4	6.3	5.7
SR 2000	5.9	6.1	5.7	5.3	6.6	5.7
SERENE (PST-A7-245A)	5.6	6.1	5.9	5.5	6.8	5.7
CLASSIC	5.9	5.9	5.5	5.3	6.8	5.7
ALLURE	5.9	6.2	5.7	5.3	6.8	5.7
PLATINI	5.9	5.8	5.7	5.1	6.4	5.7
LIMOUSINE	5.9	6.2	5.7	5.1	6.4	5.7
LKB-95	5.6	5.9	5.9	5.6	6.6	5.7
BARONIE	5.9	6.0	5.6	5.3	6.6	5.7

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D)
 GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
 USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1996	1997	1998	1999	2000	MEAN
ZPS-2183	5.3	5.9	5.8	5.6	6.9	5.7
BARIRIS (BAR VB 5649)	5.8	5.9	5.7	5.3	6.1	5.7
CALIBER	5.7	5.9	5.7	5.3	6.7	5.6
COVENTRY	5.8	6.0	5.7	5.4	6.8	5.6
PST-P46	5.9	5.9	5.6	5.2	6.3	5.6
SEABRING (BA 79-260)	5.8	6.0	5.6	5.2	6.9	5.6
HAGA	5.9	6.0	5.4	5.3	6.6	5.6
CHALLENGER	5.7	5.9	5.5	5.2	6.6	5.6
SHAMROCK	5.5	5.9	5.7	5.3	6.8	5.6
BA 81-270	5.7	6.0	5.6	5.2	6.4	5.6
BAR VB 3115B	5.7	5.9	5.8	5.3	6.7	5.6
ADVOCATE (HV 130)	5.8	5.8	5.7	5.4	6.0	5.6
NJ 1190	5.6	5.8	5.7	5.4	6.4	5.6
FORTUNA	5.6	6.2	5.5	5.2	7.1	5.5
MARQUIS	5.6	5.9	5.6	5.3	6.8	5.5
BARITONE (BAR VB 233)	5.8	5.8	5.5	5.2	6.4	5.5
ASCOT	5.5	5.9	5.5	5.0	6.4	5.5
BA 73-373	5.7	5.9	5.4	5.3	6.9	5.5
BARTITIA	5.9	6.0	5.5	4.8	5.4	5.5
PST-BO-165	5.6	6.0	5.6	5.2	6.8	5.5
ZPS-309	5.7	5.7	5.4	5.2	6.5	5.5
JEWEL (BA 81-227)	5.5	5.6	5.6	5.4	6.5	5.5
ENVICTA (BA 75-173)	5.6	5.8	5.5	5.4	6.8	5.5
MED-1580	5.8	5.7	5.4	5.3	7.1	5.5
SR 2100	5.7	5.7	5.4	5.3	6.8	5.5
RAVEN	5.6	5.7	5.5	5.3	7.0	5.5
BA 77-702	5.5	5.8	5.4	5.4	7.0	5.4
BA 81-220	5.6	5.6	5.4	5.4	7.0	5.4
BA 70-060	5.5	5.8	5.5	5.2	6.8	5.4
GOLDRUSH (BA 87-102)	5.5	5.9	5.5	5.2	6.8	5.4
ABBAY	5.4	5.7	5.4	5.3	6.7	5.4
DRAGON (ZPS-429)	5.5	5.6	5.4	5.2	6.9	5.4
CARDIFF	5.2	5.7	5.5	5.0	6.2	5.3
NIMBUS	5.7	5.6	5.3	5.0	6.8	5.3
MISTY (BA 76-372)	5.3	5.7	5.4	5.2	6.9	5.3
BLUECHIP (MED-1991)	5.5	5.8	5.3	5.1	6.5	5.3
BARON	5.4	5.8	5.3	5.1	6.5	5.3
HV 242	5.5	5.8	5.2	4.9	6.0	5.3
NJ-54	5.2	5.8	5.5	5.3	6.9	5.3
VB 16015	5.4	5.8	5.2	4.9	6.8	5.3
BA 75-490	5.3	5.4	5.4	5.4	6.7	5.3
A88-744	5.2	5.7	5.3	5.1	7.0	5.3
J-1555	5.5	5.8	5.2	5.0	6.9	5.3
BA 76-197	5.1	5.4	5.5	5.2	6.5	5.3
PICK-855	5.3	5.5	5.3	5.2	6.6	5.3

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
USING 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF						
NAME	1996	1997	1998	1999	2000	MEAN
BA 81-113	5.4	5.5	5.1	5.2	6.5	5.2
LTP-620	5.0	5.4	5.3	5.2	6.7	5.2
BAR VB 6820	5.3	5.7	5.0	4.5	5.4	5.2
BA 75-163	5.2	5.6	5.3	4.9	7.2	5.2
SRX 2205	5.6	5.4	5.1	4.7	5.6	5.2
SIDEKICK	5.0	5.2	5.2	5.1	6.6	5.1
H86-690	5.2	5.4	5.1	4.9	6.2	5.1
COMPACT	5.4	5.2	5.0	4.7	5.9	5.0
SODNET	5.0	5.5	4.8	4.6	6.1	4.9
LIPOA	5.3	5.6	4.7	4.3	4.9	4.9
PEPAYA (DP 37-192)	5.0	5.3	4.5	3.9	4.5	4.7
BARUZO	5.0	4.7	4.6	4.4	5.4	4.7
KENBLUE	4.7	4.5	4.4	4.7	5.8	4.5
LSD VALUE	0.2	0.2	0.2	0.2	0.5	0.2
C.V. (%)	9.7	9.0	10.6	10.2	7.1	14.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1996 DATA - IL1 IN1 KS1 KY1 MO1 NE1 NJ1 OK1 ON1 PA1 QE1 RI1 UB1 VA1;
1997 DATA - IL1 IN1 KS1 KY1 MO1 NE1 OK1 ON1 PA1 QE1 RI1 UB1;
1998 DATA - IL1 IN1 KS1 KY1 MO1 NC1 NE1 NJ2 OH1 ON1 PA1 QE1 RI1 UB1 VA1;
1999 DATA - IL1 IN1 KS1 KY1 MO1 NC1 NE1 OK1 ON1 PA1 QE1 RI1 UT1 VA1;
2000 DATA - KY1 QE1;

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
 USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ 3/

NAME	1996	1997	1998	1999	MEAN
MIDNIGHT	6.5	6.6	7.2	6.6	6.6
TOTAL ECLIPSE (TCR-1738)	6.5	6.6	7.3	6.6	6.5
IMPACT (J-1576)	6.3	6.6	7.2	6.5	6.5
LIBERATOR (ZPS-2572)	6.3	6.5	7.0	6.5	6.4
MOONLIGHT (PST-A418)	6.5	6.5	6.8	6.0	6.4
ODYSSEY (J-1561)	6.2	6.5	7.0	6.3	6.4
NUGLADE	6.4	6.5	7.0	6.3	6.4
BRILLIANT (PST-B2-42)	6.1	6.5	7.0	6.9	6.3
APOLLO (PST-B3-180)	6.1	6.4	6.9	6.5	6.3
AWARD	6.2	6.4	6.7	6.2	6.3
RUGBY II (MED-18)	6.2	6.3	6.8	6.1	6.2
AMERICA	6.3	6.3	6.7	6.4	6.2
UNIQUE	6.2	6.3	6.8	6.2	6.2
SHOWCASE (PST-BO-141)	6.3	6.1	6.8	6.6	6.2
QUANTUM LEAP (J-1567)	6.0	6.3	6.7	6.0	6.2
ARCADIA (J-1936)	6.0	6.3	6.8	6.1	6.1
BLACKSTONE (PST-638)	6.2	6.3	6.4	5.9	6.1
PRINCETON 105	5.8	6.2	6.8	6.6	6.1
PICK 8	5.9	6.2	6.6	6.2	6.1
BLACKSBURG	6.0	6.3	6.2	5.9	6.0
ABSOLUTE (MED-1497)	6.0	6.1	6.5	6.0	5.9
BARONETTE (BA 81-058)	5.9	6.0	6.2	5.8	5.9
ZPS-2183	5.7	6.1	6.1	5.7	5.8
CHICAGO (J-2582)	5.6	6.0	6.5	6.2	5.8
WILDWOOD	5.8	6.0	6.3	5.7	5.8
GLADE	5.7	5.8	6.4	5.9	5.8
ECLIPSE	5.4	6.0	6.0	6.0	5.7
NORTH STAR (PST-A7-60)	5.3	5.8	6.6	6.3	5.7
SR 2000	5.6	5.9	6.1	5.4	5.7
CHAMPAGNE (LTP-621)	5.6	5.8	6.0	6.1	5.7
JEFFERSON	5.6	5.8	5.8	5.8	5.7
SERENE (PST-A7-245A)	5.7	6.1	6.3	5.6	5.7
RAMBO (J-2579)	5.8	5.9	6.3	5.9	5.7
CHALLENGER	5.8	5.8	6.0	5.5	5.7
LIMOUSINE	5.8	5.8	6.2	6.0	5.6
PLATINI	5.5	5.8	6.3	5.9	5.6
SR 2109	5.5	5.8	6.0	5.5	5.6
ZPS-309	5.6	5.7	6.2	6.0	5.6
PST-P46	5.8	5.7	6.2	5.7	5.6
ALLURE	5.8	6.0	6.1	5.6	5.6
EXPLORER (PICK-3561)	5.8	5.8	6.1	5.8	5.6
BARITONE (BAR VB 233)	5.6	5.7	6.1	5.9	5.6
BARONIE	5.5	5.9	5.8	5.7	5.6
LIVINGSTON	5.4	5.8	5.8	5.8	5.6
BAR VB 3115B	5.5	5.8	6.1	5.7	5.6

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1996	1997	1998	1999	MEAN
ADVOCATE (HV 130)	5.7	5.8	6.3	5.5	5.5
CONNI	5.6	5.7	6.3	6.0	5.5
HAGA	5.7	5.8	5.7	5.5	5.5
SEABRING (BA 79-260)	5.6	5.6	6.3	5.6	5.5
SHAMROCK	5.7	5.6	6.0	5.6	5.5
BARIRIS (BAR VB 5649)	5.4	5.7	5.9	5.7	5.5
CHATEAU	5.6	5.9	5.9	5.2	5.5
ASCOT	5.7	5.5	5.8	5.3	5.5
FORTUNA	5.4	5.6	5.9	5.5	5.5
COVENTRY	5.7	5.8	6.0	5.3	5.5
NUSTAR	5.3	5.6	5.8	5.4	5.5
BA 81-270	5.6	5.7	5.9	5.4	5.4
NJ 1190	6.1	5.7	5.7	5.4	5.4
CALIBER	5.5	5.6	5.9	5.6	5.4
A88-744	5.5	5.4	5.9	5.6	5.4
NJ-GD	5.6	5.6	5.6	5.4	5.4
BA 70-060	5.2	5.5	5.9	5.2	5.4
RAVEN	5.3	5.5	5.8	5.4	5.4
JEWEL (BA 81-227)	5.3	5.8	5.9	5.4	5.4
SR 2100	5.3	5.5	5.5	5.5	5.4
BAR VB 6820	5.1	5.5	6.0	5.8	5.4
EST-BO-165	5.3	5.7	6.1	5.4	5.4
BA 77-702	5.2	5.5	6.0	5.4	5.4
BA 81-220	5.1	5.3	5.8	5.1	5.4
J-1555	5.5	5.4	5.9	5.4	5.3
ABBAY	5.2	5.4	5.8	5.2	5.3
GOLDRUSH (BA 87-102)	5.3	5.4	5.8	5.3	5.3
BA 73-373	5.2	5.4	5.8	5.1	5.3
BA 75-490	5.2	5.3	5.8	5.8	5.3
BLUECHIP (MED-1991)	5.3	5.3	5.7	5.4	5.3
DRAGON (ZPS-429)	5.2	5.5	5.5	5.2	5.3
IKB-95	5.4	5.5	5.7	5.0	5.2
HV 242	5.4	5.2	5.9	5.7	5.2
BARON	5.0	5.2	5.8	5.1	5.2
VB 16015	5.5	5.3	5.9	5.3	5.2
MARQUIS	5.0	5.4	5.6	5.0	5.2
BARTITIA	5.6	5.3	5.7	5.1	5.2
MED-1580	5.3	5.2	5.6	5.6	5.2
ENVICTA (BA 75-173)	5.2	5.2	5.6	5.1	5.2
NJ-54	4.7	5.3	5.7	5.5	5.1
CLASSIC	4.9	5.0	5.5	5.4	5.1
NIMBUS	5.3	5.2	5.4	4.6	5.1
CARDIFF	5.3	5.1	5.6	5.5	5.0
BA 81-113	5.2	5.0	5.7	5.0	5.0
SRX 2205	5.4	5.1	4.9	4.7	5.0

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D)
 GROWN UNDER MEDIUM/HIGH INPUT FOR EACH YEAR
 USING 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR
 1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF					
NAME	1996	1997	1998	1999	MEAN
LTP-620	5.0	5.0	5.5	5.3	5.0
BA 75-163	5.3	5.0	5.8	5.3	5.0
MISTY (BA 76-372)	5.2	5.1	5.2	5.1	4.9
SIDEKICK	4.6	4.9	5.4	5.2	4.9
PICK-855	4.9	5.0	5.3	5.2	4.9
SODNET	4.7	4.8	5.5	5.6	4.8
H86-690	4.8	4.7	5.1	5.2	4.7
PEPAYA (DP 37-192)	4.8	4.8	5.3	4.8	4.7
BA 76-197	4.5	4.9	5.3	4.8	4.6
LIPOA	4.9	4.8	5.0	5.0	4.6
COMPACT	4.5	4.7	4.8	4.5	4.5
BARUZO	4.3	4.3	5.0	5.0	4.4
KENBLUE	4.3	3.9	4.5	4.6	4.1
LSD VALUE	0.4	0.3	0.4	0.5	0.2
C.V. (%)	11.3	10.3	9.0	10.3	14.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ 1996 DATA - IL2 MA1 ME1 MO3 NJ2 UT1 WA1;
 1997 DATA - IL2 MA1 ME1 MO3 NJ1 NJ2 UT1 VA1 WA1;
 1998 DATA - IL2 MA1 ME1 MO3 UT1 WA1;
 1999 DATA - IL2 MA1 ME1 WA1;

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS 1/
 1996-2000 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	6.0	6.9	6.8	6.2	6.4
LIBERATOR (ZPS-2572)	5.9	6.7	6.6	6.4	6.4
BRILLIANT (PST-B2-42)	6.4	6.4	6.7	6.2	6.4
TOTAL ECLIPSE (TCR-1738)	6.0	6.5	6.7	6.2	6.3
AWARD	5.9	6.5	6.8	6.3	6.3
NUGLADE	5.9	6.4	6.8	6.2	6.3
ODYSSEY (J-1561)	5.9	6.5	6.6	6.3	6.3
UNIQUE	6.1	6.2	6.7	6.2	6.3
IMPACT (J-1576)	5.9	6.5	6.7	6.2	6.3
SHOWCASE (PST-BO-141)	6.1	6.3	6.6	6.2	6.3
APOLLO (PST-B3-180)	6.1	6.4	6.7	6.1	6.3
RUGBY II (MED-18)	5.9	6.3	6.6	6.3	6.2
AMERICA	6.1	6.3	6.5	6.0	6.2
PRINCETON 105	5.7	6.4	6.7	6.2	6.2
BLACKSBURG	5.7	6.3	6.9	6.3	6.2
BLACKSTONE (PST-638)	5.5	6.5	6.6	6.0	6.1
QUANTUM LEAP (J-1567)	5.8	6.3	6.5	6.2	6.1
PICK 8	5.5	6.4	6.6	6.2	6.1
MOONLIGHT (PST-A418)	5.4	6.5	6.7	6.0	6.1
ARCADIA (J-1936)	5.7	6.1	6.6	6.2	6.1
ABSOLUTE (MED-1497)	5.8	5.8	6.8	6.4	6.1
NORTH STAR (PST-A7-60)	5.7	6.0	6.7	6.2	6.1
GLADE	5.7	6.0	6.4	6.0	6.0
JEFFERSON	5.5	6.2	6.3	6.0	6.0
WILDWOOD	5.5	5.8	6.7	6.1	6.0
ECLIPSE	5.4	6.1	6.4	6.1	6.0
RAMBO (J-2579)	5.9	5.7	6.4	6.0	6.0
SERENE (PST-A7-245A)	5.6	5.8	6.2	6.3	5.9
CHICAGO (J-2582)	5.5	5.9	6.4	6.1	5.9
LIMOUSINE	6.0	5.6	6.0	6.1	5.9
CHAMPAGNE (LTP-621)	5.4	6.1	6.2	6.1	5.9
EXPLORER (PICK-3561)	5.6	5.7	6.4	6.2	5.9
ALLURE	5.5	5.8	6.3	6.3	5.9
ZPS-2183	5.4	5.9	6.5	6.0	5.9
BA 81-058	5.4	6.0	6.2	6.1	5.9
CHATEAU	5.4	5.7	6.3	6.4	5.9
CONNI	5.7	5.6	6.2	6.1	5.9
NJ 1190	5.8	5.5	6.3	6.2	5.9
SR 2109	5.6	5.8	6.5	5.8	5.9
COVENTRY	5.5	5.7	6.2	6.2	5.9
PST-P46	5.3	5.7	6.6	6.1	5.8
NUSTAR	5.4	5.7	6.3	6.2	5.8
BARONIE	5.3	5.9	6.1	6.2	5.8
SR 2000	5.4	5.8	6.4	6.0	5.8
PLATINI	5.6	5.8	6.1	5.9	5.8

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS
1996-2000 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+	
BAR VB 3115B	5.5	5.7	6.1	6.1	5.8
NJ-GD	5.2	5.9	6.4	6.0	5.8
HV 130	5.7	5.5	6.3	6.1	5.8
LIVINGSTON	5.4	5.9	6.1	5.9	5.8
BA 81-270	5.3	5.7	6.1	6.3	5.8
LKB-95	5.5	5.5	6.2	6.3	5.8
HAGA	5.3	5.8	6.1	6.1	5.8
SEABRING (BA 79-260)	5.1	5.7	6.5	6.1	5.8
CHALLENGER	5.4	5.6	6.2	6.1	5.8
BARIRIS (BAR VB 5649)	5.5	5.7	6.1	5.9	5.8
CALIBER	5.5	5.7	6.0	5.9	5.8
BAR VB 233	5.4	5.8	6.0	5.9	5.7
SHAMROCK	5.3	5.7	6.2	5.9	5.7
PST-BO-165	5.4	5.5	6.0	6.2	5.7
JEWEL (BA 81-227)	5.2	5.7	6.2	5.9	5.7
FORTUNA	5.2	5.5	6.2	6.1	5.7
ZPS-309	5.2	5.8	5.9	6.0	5.7
CLASSIC	5.2	5.6	6.1	6.1	5.7
RAVEN	5.1	5.6	6.1	6.1	5.7
BA 73-373	5.1	5.5	6.2	6.1	5.6
BARTITIA	5.5	5.0	6.4	6.1	5.6
ASCOT	5.2	5.4	6.4	6.0	5.6
BA 75-490	4.9	5.6	6.1	6.1	5.6
SR 2100	5.0	5.6	6.2	6.0	5.6
MARQUIS	5.2	5.4	6.1	6.1	5.6
MED-1580	5.0	5.5	6.2	6.0	5.6
BA 77-702	5.0	5.5	6.1	6.1	5.6
BA 70-060	5.0	5.6	6.0	6.0	5.6
GOLDRUSH (BA 87-102)	5.1	5.5	5.9	6.0	5.6
ENVICTA (BA 75-173)	5.1	5.4	6.0	6.0	5.6
ABEY	5.0	5.5	5.9	6.0	5.6
NJ-54	5.0	5.5	5.9	6.1	5.6
A88-744	4.9	5.6	6.1	5.8	5.6
BA 81-220	5.0	5.4	6.2	6.0	5.5
J-1555	5.1	5.4	6.2	5.8	5.5
DRAGON (ZPS-429)	4.7	5.7	6.1	6.0	5.5
NIMBUS	5.0	5.2	5.9	6.2	5.5
BARON	5.0	5.3	6.1	6.1	5.5
MISTY (BA 76-372)	4.9	5.3	6.3	5.9	5.5
VB 16015	4.9	5.3	6.3	5.9	5.5
BLUECHIP (MED-1991)	5.1	5.2	6.1	5.8	5.5
HV 242	5.5	5.3	5.7	5.6	5.5
CARDIFF	5.2	5.1	6.1	5.6	5.4
PICK-855	4.9	5.2	6.1	5.8	5.4
BA 75-163	4.7	5.3	6.0	5.8	5.4

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS
1996-2000 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+	
BAR VB 6820	5.2	5.1	5.8	5.6	5.4
SFX 2205	4.9	5.0	5.8	6.0	5.4
BA 81-113	4.7	5.2	5.9	5.9	5.3
BA 76-197	5.0	5.0	5.8	5.7	5.3
LTP-620	4.8	5.2	5.9	5.6	5.3
SIDEKICK	4.5	5.3	5.7	5.7	5.3
H86-690	4.8	4.8	5.9	5.8	5.2
SODNET	4.8	4.7	6.0	5.7	5.2
LIPOA	5.0	4.4	5.7	5.6	5.1
COMPACT	4.8	4.7	5.4	5.6	5.1
PEPAYA (DP 37-192)	4.8	4.2	5.5	5.5	4.9
BARUZO	4.1	4.5	5.5	5.5	4.8
KENBLUE	3.8	4.6	5.3	5.6	4.7
LSD VALUE	0.2	0.2	0.2	0.3	0.1
C.V. (%)	15.5	13.6	10.3	14.0	13.5

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 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
 USING A 0.5-1.0 INCH MOWING HEIGHT 1/
 1996-2000 DATA

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

NAME	AB1	IL1	IN1	KS1	MA1	NE1	UB1	UT1	MEAN
BRILLIANT (PST-B2-42)	7.1	5.5	6.9	5.6	6.2	6.7	6.8	6.2	6.4
SHOWCASE (PST-BO-141)	6.7	5.5	6.4	5.8	6.1	6.3	5.9	6.3	6.1
UNIQUE	7.1	4.9	6.6	5.7	5.7	6.4	6.3	6.2	6.1
AMERICA	6.5	5.3	6.8	5.6	6.0	6.5	6.1	6.2	6.1
APOLLO (PST-B3-180)	6.6	5.0	6.5	6.2	5.9	5.9	6.3	6.2	6.1
TOTAL ECLIPSE (TCR-1738)	6.8	5.4	5.9	4.6	5.4	6.8	7.1	6.4	6.0
LIMOUSINE	7.1	4.9	6.5	4.3	6.3	6.0	7.4	5.8	6.0
MIDNIGHT	6.9	5.1	6.1	5.2	5.2	6.3	6.7	6.2	6.0
RAMBO (J-2579)	7.0	5.1	6.2	4.2	6.0	6.6	6.7	5.7	5.9
LIBERATOR (ZPS-2572)	7.0	5.1	5.8	4.8	5.0	6.9	6.9	5.9	5.9
ODYSSEY (J-1561)	6.9	5.3	5.8	4.7	5.2	6.3	7.0	6.2	5.9
NUGLADE	7.1	5.6	5.8	4.4	5.3	6.2	7.0	5.9	5.9
RUGBY II (MED-18)	7.2	5.6	5.8	4.7	4.9	6.6	6.5	5.9	5.9
IMPACT (J-1576)	6.6	5.2	5.6	4.4	5.2	6.7	7.0	6.3	5.9
AWARD	7.2	5.0	6.1	4.6	4.6	6.6	6.6	6.2	5.9
ABSOLUTE (MED-1497)	7.2	5.6	6.2	4.1	4.5	6.2	6.3	6.1	5.8
NJ 1190	6.9	4.5	5.9	4.4	6.5	7.2	5.3	5.5	5.8
QUANTUM LEAP (J-1567)	7.0	4.9	5.6	4.5	4.8	6.5	6.7	6.0	5.8
CONNI	6.3	5.3	6.2	4.2	6.2	6.4	5.7	5.6	5.7
ARCADIA (J-1936)	6.6	4.6	5.3	4.6	5.4	6.5	6.4	6.3	5.7
GLADE	6.7	5.1	5.7	4.8	5.1	5.9	6.1	6.4	5.7
NORTH STAR (PST-A7-60)	6.7	6.0	6.2	4.2	5.2	5.9	5.3	6.3	5.7
ADVOCATE (HV 130)	6.8	4.6	6.2	4.9	5.8	6.3	5.5	5.6	5.7
PRINCETON 105	6.6	5.5	6.0	4.3	5.4	6.3	5.5	5.9	5.7
BLACKSBURG	6.9	4.6	6.1	4.9	4.6	6.6	5.6	6.2	5.7
SR 2109	6.8	5.2	6.1	4.6	4.8	6.0	5.5	6.0	5.6
EXPLORER (PICK-3561)	6.8	5.2	5.2	4.6	4.8	6.0	6.4	5.9	5.6
PLATINI	7.1	4.2	5.6	4.4	5.1	6.4	6.0	6.0	5.6
SERENE (PST-A7-245A)	6.8	5.1	5.8	4.1	5.1	6.5	5.3	5.8	5.6
CHICAGO (J-2582)	6.5	4.8	5.6	4.4	5.0	6.0	6.2	5.9	5.5
PICK 8	7.0	5.1	5.6	4.8	4.5	6.2	5.3	5.9	5.5
BAR VB 3115B	6.8	5.1	5.7	4.1	5.3	6.1	5.7	5.3	5.5
JEFFERSON	6.5	4.9	5.9	5.0	5.0	6.0	5.4	5.4	5.5
WILDWOOD	6.9	5.3	5.9	5.0	4.4	5.9	5.1	5.6	5.5
HV 242	6.8	4.2	5.8	4.2	5.2	6.2	6.0	5.6	5.5
BLACKSTONE (PST-638)	6.9	5.5	5.6	4.6	4.4	6.2	5.3	5.7	5.5
BARTITIA	7.0	4.4	6.3	4.2	4.1	6.3	5.7	6.0	5.5
CALIBER	7.1	4.8	5.5	4.3	4.6	6.0	5.8	5.9	5.5
BARIRIS (BAR VB 5649)	7.1	4.4	5.7	4.3	4.5	6.5	5.8	5.6	5.5
ALLURE	6.9	5.2	5.6	4.3	4.9	6.4	5.0	5.4	5.5
LKB-95	6.7	5.0	5.4	4.5	4.8	6.1	5.3	5.9	5.5
COVENTRY	6.7	4.7	6.1	4.5	4.8	6.1	5.4	5.2	5.5
SR 2000	6.9	5.6	4.8	4.6	5.0	5.9	5.1	5.5	5.4
CHAMPAGNE (LTP-621)	6.7	5.0	5.7	4.7	4.5	6.2	5.1	5.4	5.4

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
USING A 0.5-1.0 INCH MOWING HEIGHT
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	IL1	IN1	KS1	MA1	NE1	UB1	UT1	MEAN
ZPS-2183	6.8	4.7	5.3	4.6	5.3	5.3	5.3	5.9	5.4
NUSTAR	6.8	4.9	6.1	4.1	4.2	5.9	5.3	5.9	5.4
CHATEAU	7.1	4.7	5.9	4.5	4.7	6.1	4.7	5.5	5.4
BARITONE (BAR VB 233)	7.0	4.3	6.0	4.3	4.4	6.1	5.3	5.7	5.4
CHALLENGER	6.7	4.7	5.6	4.4	4.6	6.3	5.2	5.6	5.4
LIVINGSTON	6.8	5.0	6.1	4.5	4.8	5.8	4.8	5.1	5.4
MOONLIGHT (PST-A418)	6.5	5.3	5.2	4.0	4.8	6.0	5.4	6.0	5.4
PST-BO-165	6.9	4.4	5.5	4.6	4.7	6.4	5.0	5.4	5.4
BARONETTE (BA 81-058)	6.8	4.8	5.7	4.5	4.7	5.8	5.0	5.6	5.4
ECLIPSE	6.5	5.3	6.0	4.1	4.1	5.9	5.6	5.4	5.4
BA 81-270	6.7	5.0	6.2	4.4	4.1	6.4	4.7	5.4	5.3
BARONIE	6.9	4.6	5.9	4.8	4.5	5.9	4.8	5.4	5.3
SHAMROCK	6.7	4.9	6.3	4.1	4.4	6.0	4.4	5.6	5.3
PST-P46	6.6	4.9	5.8	4.5	4.1	5.5	4.9	5.8	5.3
HAGA	6.8	4.8	5.1	4.6	4.8	5.7	5.1	5.4	5.3
ZPS-309	6.8	4.5	5.1	4.3	4.7	5.6	5.2	5.7	5.2
NJ-GD	6.6	4.8	6.0	4.1	4.2	6.3	4.8	5.2	5.2
CLASSIC	6.7	4.5	5.9	4.5	4.3	5.7	4.8	5.5	5.2
FORTUNA	6.6	4.6	5.7	4.3	3.9	5.3	5.6	5.6	5.2
BAR VB 6820	7.0	4.6	5.9	3.1	4.0	5.5	5.7	5.7	5.2
CARDIFF	6.4	4.6	5.1	3.6	4.8	5.6	5.7	5.5	5.2
MARQUIS	6.8	4.7	5.9	4.2	3.7	5.4	5.2	5.4	5.2
ASCOT	6.6	4.4	5.3	4.1	4.1	5.6	5.6	5.6	5.2
JEWEL (BA 81-227)	6.7	4.9	5.7	4.5	3.7	6.0	4.2	5.5	5.2
BLUECHIP (MED-1991)	6.7	4.6	5.5	3.5	4.3	5.6	5.4	5.4	5.1
GOLDRUSH (BA 87-102)	6.8	4.6	5.5	4.7	3.7	5.5	4.8	5.3	5.1
BA 73-373	6.7	4.3	5.9	4.3	4.3	5.6	4.4	5.3	5.1
SEABRING (BA 79-260)	6.3	5.0	5.7	4.1	4.4	5.4	4.8	5.2	5.1
J-1555	6.7	4.7	3.9	4.1	4.3	5.7	5.7	5.7	5.1
ENVICTA (BA 75-173)	6.7	4.8	5.7	4.5	3.8	5.6	4.0	5.2	5.1
RAVEN	6.7	5.2	5.4	3.9	4.3	5.5	4.4	5.1	5.1
NIMBUS	6.9	4.4	5.8	4.0	4.3	5.7	3.8	5.4	5.0
ABBAY	6.8	4.6	5.8	4.3	4.2	5.4	3.9	5.4	5.0
MED-1580	6.4	4.5	5.5	4.1	3.7	5.7	4.6	5.8	5.0
BA 70-060	6.8	4.6	5.8	4.2	4.2	5.0	4.2	5.4	5.0
BARON	6.8	4.3	5.4	4.2	3.5	5.5	4.8	5.5	5.0
LIPOA	6.7	4.4	4.1	4.4	3.9	5.3	5.8	5.4	5.0
BA 76-197	6.5	4.1	5.8	4.0	4.3	5.4	4.8	5.0	5.0
BA 77-702	6.8	4.6	5.6	3.9	3.9	5.4	4.4	5.3	5.0
SR 2100	6.6	5.3	5.0	4.1	4.0	5.5	4.2	5.3	5.0
BA 81-220	6.7	4.5	5.9	4.3	3.9	5.3	3.6	5.6	5.0
NJ-54	6.5	4.2	5.8	4.2	3.7	5.7	4.1	5.5	5.0
BA 75-490	6.7	3.7	5.5	4.7	3.6	6.4	3.4	5.6	4.9
MISTY (BA 76-372)	6.8	4.7	5.6	3.7	3.5	5.7	4.2	5.2	4.9
PICK-855	6.5	4.8	5.4	3.7	3.9	6.0	3.5	5.6	4.9

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
USING A 0.5-1.0 INCH MOWING HEIGHT
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	IL1	IN1	KS1	MA1	NE1	UB1	UT1	MEAN
A88-744	6.7	4.4	4.7	4.2	4.2	5.3	4.6	5.1	4.9
VB 16015	6.8	4.7	4.5	3.6	3.9	5.6	4.4	5.6	4.9
SRX 2205	6.6	4.0	5.6	4.3	3.8	5.6	3.5	5.6	4.9
LTP-620	6.2	4.7	4.4	4.1	3.7	5.5	4.5	5.6	4.8
H86-690	6.5	4.7	4.7	4.2	3.3	5.5	3.8	5.6	4.8
SODNET	6.5	4.2	5.0	3.3	3.5	5.6	4.8	5.5	4.8
PEPAYA (DP 37-192)	6.6	4.4	5.1	3.0	4.4	4.8	4.3	5.5	4.8
COMPACT	6.5	4.5	3.7	4.1	3.7	5.6	5.1	5.0	4.8
BA 81-113	6.5	4.0	5.2	3.9	4.0	5.0	3.7	5.5	4.7
BA 75-163	6.4	4.2	4.9	4.2	3.6	5.7	3.5	5.3	4.7
DRAGON (ZES-429)	6.5	4.6	5.0	3.8	3.5	5.3	3.1	5.7	4.7
SIDEKICK	6.5	4.3	4.6	3.9	3.6	5.0	3.5	5.0	4.5
BARUZO	6.4	3.4	3.9	3.0	3.2	4.3	3.1	5.3	4.1
KENBLUE	6.1	3.9	3.2	3.6	2.6	4.8	2.0	4.6	3.8
LSD VALUE	0.5	0.9	0.5	0.9	0.7	0.6	0.7	0.5	0.2
C.V. (%)	8.6	23.6	11.9	25.7	19.4	11.8	13.6	10.8	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 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT NINE LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT 1/
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									MEAN
	IL2	KY1	ME1	NC1	NJ1	NJ2	OH1	RI1	VA1	
MIDNIGHT	7.2	8.1	7.7	5.6	6.5	6.4	8.4	6.4	5.4	6.9
LIBERATOR (ZPS-2572)	7.2	7.8	7.6	5.9	6.1	6.2	8.2	5.9	5.5	6.7
MOONLIGHT (PST-A418)	6.4	6.9	7.7	4.9	6.2	6.3	8.1	6.4	5.9	6.5
BLACKSTONE (PST-638)	6.7	6.3	7.7	5.4	6.2	6.1	7.9	6.6	5.7	6.5
TOTAL ECLIPSE (TCR-1738)	6.7	8.3	8.0	5.1	5.2	6.3	8.1	5.9	4.9	6.5
ODYSSEY (J-1561)	6.3	7.7	7.9	5.4	6.0	5.7	8.2	6.1	5.1	6.5
IMPACT (J-1576)	6.8	7.8	7.7	5.2	5.4	5.9	8.1	6.0	5.3	6.5
AWARD	6.2	7.8	7.4	5.2	5.4	5.9	8.2	6.6	5.4	6.5
NUGLADE	6.1	8.0	7.9	5.4	5.6	6.0	8.3	5.6	5.1	6.4
PRINCETON 105	6.6	6.4	7.3	5.8	6.5	6.0	8.3	6.3	4.8	6.4
BRILLIANT (PST-B2-42)	7.2	7.5	7.7	5.4	5.2	5.3	8.0	5.9	5.5	6.4
PICK 8	7.1	7.3	7.0	5.1	6.0	5.6	7.8	5.9	5.4	6.4
APOLLO (PST-B3-180)	6.9	7.2	7.6	5.4	5.4	5.1	8.1	6.1	5.4	6.4
AMERICA	7.0	7.5	7.5	5.0	5.4	5.3	7.9	6.0	5.5	6.3
SHOWCASE (PST-BO-141)	7.1	7.6	6.5	5.2	5.2	5.3	8.0	6.0	5.7	6.3
RUGBY II (MED-18)	5.9	7.7	7.3	4.9	5.5	5.5	8.3	6.1	5.3	6.3
QUANTUM LEAP (J-1567)	6.3	7.9	7.4	4.8	5.0	5.9	8.1	6.0	4.9	6.3
BLACKSBURG	5.8	6.6	7.4	4.9	5.7	6.0	8.0	6.5	5.3	6.3
UNIQUE	6.8	7.6	7.1	5.0	5.2	5.3	7.8	5.5	5.8	6.2
JEFFERSON	5.4	7.4	6.6	5.2	5.9	5.7	7.8	6.1	5.4	6.2
ECLIPSE	6.7	7.3	7.0	4.9	5.5	5.3	8.1	5.5	5.0	6.1
ARCADIA (J-1936)	5.8	7.3	7.2	5.2	4.9	5.4	8.1	6.3	4.9	6.1
CHAMPAGNE (LTP-621)	6.0	7.1	7.3	4.9	4.9	5.3	7.7	5.6	6.0	6.1
NORTH STAR (PST-A7-60)	5.2	6.6	6.8	5.3	5.8	5.2	8.0	7.3	4.0	6.0
BARONETTE (BA 81-058)	5.9	7.6	7.3	4.9	5.1	5.3	7.8	5.1	5.3	6.0
GLADE	5.6	7.5	6.6	4.9	5.0	4.9	7.9	6.4	5.1	6.0
LIVINGSTON	6.1	6.9	6.7	4.9	4.8	5.6	7.5	5.6	5.6	5.9
ZPS-2183	5.4	5.9	7.0	4.4	5.3	5.8	8.2	6.2	5.3	5.9
BARONIE	6.4	7.0	7.0	5.1	5.0	4.6	7.8	4.8	5.6	5.9
CHICAGO (J-2582)	6.6	6.8	7.1	4.6	4.1	4.8	8.1	5.8	5.2	5.9
NJ-GD	5.1	6.5	6.9	5.2	4.6	5.6	7.8	5.9	5.2	5.9
HAGA	6.6	7.0	6.7	4.8	4.5	4.9	7.5	5.2	5.4	5.8
ALLURE	6.3	6.8	7.1	4.7	4.1	5.0	8.0	5.5	5.0	5.8
WILDWOOD	5.6	6.2	7.9	4.8	4.5	5.4	7.9	5.8	4.4	5.8
ABSOLUTE (MED-1497)	5.5	6.5	7.5	5.2	4.3	4.8	8.2	5.5	4.9	5.8
PLATINI	5.7	5.7	7.2	4.9	5.5	5.2	7.9	5.9	4.4	5.8
SERENE (PST-A7-245A)	6.4	6.8	7.1	4.7	4.3	4.7	7.8	5.3	5.1	5.8
SR 2000	5.3	7.0	6.7	4.8	5.0	4.2	8.0	5.8	5.2	5.8
SR 2109	5.3	5.8	6.9	4.7	4.4	6.2	7.9	5.8	5.0	5.8
BARITONE (BAR VB 233)	5.9	5.8	7.3	5.1	5.0	5.0	7.5	5.8	4.4	5.8
ZPS-309	6.0	5.9	7.3	5.1	4.8	5.1	7.6	5.2	4.7	5.8
BAR VB 3115B	6.6	6.2	7.1	4.2	5.1	4.8	7.7	5.2	4.8	5.7
EXPLORER (PICK-3561)	5.9	7.2	7.1	4.7	4.1	4.8	7.9	5.5	4.5	5.7
NUSTAR	5.3	6.8	6.5	4.8	5.2	5.0	7.5	5.5	5.2	5.7

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT NINE LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	KY1	ME1	NC1	NJ1	NJ2	GH1	RI1	VA1	MEAN
SHAMROCK	5.7	6.2	7.6	4.5	4.3	4.9	8.0	5.6	4.9	5.7
COVENTRY	6.2	6.4	7.0	4.8	3.9	4.7	8.0	5.7	5.0	5.7
PST-P46	5.6	6.1	7.3	4.3	4.4	5.3	8.2	5.6	4.5	5.7
JEWEL (BA 81-227)	6.5	6.1	6.7	4.9	4.4	4.6	7.9	5.5	4.8	5.7
BARIRIS (BAR VB 5649)	6.1	5.7	6.7	4.6	5.0	5.2	7.7	5.6	4.7	5.7
CALIBER	5.3	6.5	7.0	5.2	4.5	5.0	7.5	5.7	4.7	5.7
RAMBO (J-2579)	5.4	6.8	7.5	4.7	4.1	5.0	7.9	5.4	4.3	5.7
SEABRING (BA 79-260)	5.4	6.9	7.1	5.0	3.8	5.0	8.3	5.5	4.2	5.7
DRAGON (ZPS-429)	5.4	6.7	6.2	5.0	4.4	4.6	7.8	5.8	5.2	5.7
BA 81-270	6.3	6.0	7.0	4.5	4.3	5.1	7.9	5.2	4.7	5.7
CHATEAU	5.9	6.2	6.6	4.7	3.8	5.1	7.9	5.6	5.2	5.7
A88-744	5.8	6.7	7.0	4.9	4.7	3.7	7.7	5.0	5.2	5.6
LIMOUSINE	5.0	6.1	7.9	4.4	5.5	4.6	7.9	5.3	4.0	5.6
BA 75-490	5.9	6.5	6.4	4.7	4.2	4.5	7.9	5.3	5.1	5.6
CONNI	5.4	5.8	6.9	4.8	4.2	5.3	7.8	6.0	4.4	5.6
CHALLENGER	5.1	6.7	7.1	4.7	4.1	5.2	8.0	4.6	4.7	5.6
SR 2100	5.3	6.2	6.5	4.6	4.9	3.6	7.9	5.6	5.4	5.6
CLASSIC	3.2	7.1	7.0	5.1	4.8	4.7	7.7	5.0	5.4	5.6
BA 70-060	5.1	6.9	6.2	4.8	4.2	3.8	8.0	5.4	5.7	5.6
RAVEN	5.3	6.9	6.2	4.4	4.2	3.7	8.0	5.6	5.5	5.6
BA 77-702	5.8	6.9	6.1	4.5	4.0	3.6	7.9	5.4	5.7	5.5
LKB-95	4.4	6.3	7.1	5.0	3.6	5.0	7.5	5.6	4.8	5.5
NJ-54	6.0	6.6	5.8	4.3	3.6	4.3	7.8	5.8	5.0	5.5
ABBAY	5.4	6.7	5.9	4.7	4.0	3.8	7.8	5.1	5.7	5.5
NJ 1190	4.1	5.2	7.7	4.5	3.4	5.8	8.1	5.8	4.6	5.5
FORTUNA	5.5	7.1	6.8	4.7	3.9	3.6	7.8	4.9	4.9	5.5
MED-1580	4.9	6.9	6.4	4.5	3.8	4.6	7.9	5.5	4.6	5.5
BA 73-373	4.9	6.9	6.2	4.9	3.9	3.7	8.0	5.1	5.4	5.5
GOLDRUSH (BA 87-102)	5.2	6.5	6.6	4.9	3.9	3.8	8.1	5.0	5.0	5.5
PST-BO-165	6.3	6.7	6.3	4.5	3.4	4.6	7.6	5.0	4.7	5.5
ADVOCATE (HV 130)	5.8	5.7	6.8	4.7	3.7	3.8	7.8	6.0	4.8	5.5
ENVICTA (BA 75-173)	4.7	7.0	6.3	4.8	3.7	3.6	7.7	5.4	5.5	5.4
MARQUIS	4.2	6.7	6.3	4.6	4.0	3.9	8.0	5.5	5.5	5.4
ASCOT	4.5	6.0	7.1	4.7	4.0	5.2	7.5	5.2	4.2	5.4
J-1555	5.5	6.9	6.7	4.7	3.1	4.1	7.9	5.3	4.4	5.4
BA 81-220	4.6	6.8	6.0	4.2	4.0	3.7	8.0	5.4	5.6	5.4
SIDEKICK	5.0	6.9	5.6	4.8	3.5	3.8	7.3	5.0	5.7	5.3
VB 16015	4.3	6.9	6.8	5.4	3.2	4.6	7.9	4.6	4.0	5.3
HV 242	5.0	5.2	6.7	4.5	4.3	4.6	7.7	5.4	4.1	5.3
BA 75-163	5.3	7.1	6.2	4.7	2.9	4.2	8.0	5.0	4.2	5.3
BARON	4.8	6.4	6.0	4.9	3.9	3.5	7.9	5.2	4.9	5.3
MISTY (BA 76-372)	4.1	6.3	6.8	4.7	2.9	5.2	7.6	5.8	3.9	5.3
BLUECHIP (MED-1991)	4.6	6.1	6.3	4.7	3.5	3.8	7.5	5.2	5.3	5.2
NIMBUS	4.3	6.4	6.5	4.5	3.5	3.9	7.9	4.8	5.1	5.2
BA 81-113	4.4	6.6	6.2	4.9	2.6	3.4	7.7	5.3	5.5	5.2

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT NINE LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF										
NAME	IL2	KY1	ME1	NC1	NJ1	NJ2	GH1	RI1	VA1	MEAN
PICK-855	4.0	6.3	6.8	4.5	3.6	4.6	7.6	4.7	4.3	5.2
LTP-620	4.8	6.3	6.3	4.7	3.4	4.1	7.5	4.5	4.9	5.2
CARDIFF	4.1	5.4	6.8	5.3	2.2	5.0	7.7	5.0	4.1	5.1
BAR VB 6820	3.6	4.0	7.7	4.6	4.2	5.6	7.4	5.2	3.4	5.1
BARTITIA	3.6	4.2	7.4	4.4	3.5	5.2	7.9	5.4	3.6	5.0
SRX 2205	4.1	5.0	5.9	4.3	3.5	4.9	7.7	5.1	4.7	5.0
BA 76-197	3.5	6.0	6.2	5.0	2.8	4.2	7.5	4.7	5.1	5.0
H86-690	3.3	5.4	6.4	4.6	2.6	4.2	7.7	5.3	4.1	4.8
COMPACT	4.0	5.4	5.6	4.4	2.9	3.2	7.4	4.9	4.7	4.7
SODNET	3.5	4.6	7.1	4.6	2.1	4.4	7.7	4.7	3.7	4.7
KENBLUE	4.5	5.4	5.0	4.7	2.4	3.1	6.9	5.0	4.2	4.6
BARUZO	3.4	4.3	5.9	4.8	2.3	3.7	7.5	5.0	3.9	4.5
LIPOA	3.7	4.1	6.3	4.3	2.3	3.4	7.7	5.0	3.2	4.4
PEPAYA (DP 37-192)	3.6	3.0	5.8	4.3	2.4	3.9	7.6	4.0	3.4	4.2
LSD VALUE	0.8	0.5	0.9	0.6	0.7	0.5	0.3	0.5	0.5	0.2
C.V. (%)	18.4	10.1	15.9	16.4	19.6	14.7	5.9	11.4	13.4	13.6

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

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

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIVE LOCATIONS
USING A 1.6-2.0 INCH MOWING HEIGHT 1/
1996-2000 DATA

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

NAME	MN1	OK1	PA1	QE1	WA1	MEAN
BLACKSBURG	6.4	6.5	7.2	7.5	6.8	6.9
AWARD	6.2	7.2	6.0	7.5	7.1	6.8
NUGLADE	6.3	7.6	5.6	7.5	7.1	6.8
MIDNIGHT	6.5	7.2	5.4	7.6	7.3	6.8
ABSOLUTE (MED-1497)	6.5	6.8	5.9	7.5	7.0	6.8
UNIQUE	6.2	6.7	6.9	7.3	6.5	6.7
MOONLIGHT (PST-A418)	6.0	6.7	6.2	7.7	7.0	6.7
IMPACT (J-1576)	6.0	7.4	5.6	7.5	7.1	6.7
WILDWOOD	6.7	6.4	6.6	7.2	6.7	6.7
NORTH STAR (PST-A7-60)	6.4	6.2	7.2	7.2	6.5	6.7
PRINCETON 105	6.5	6.2	6.8	7.4	6.6	6.7
BRILLIANT (PST-B2-42)	6.2	6.4	6.9	7.3	6.5	6.7
TOTAL ECLIPSE (TCR-1738)	6.3	7.0	5.4	7.5	7.1	6.7
APOLLO (PST-B3-180)	6.4	6.7	6.6	7.2	6.4	6.7
LIBERATOR (ZPS-2572)	6.5	7.0	5.4	7.5	6.8	6.6
PST-P46	6.5	6.1	6.8	7.4	6.3	6.6
ARCADIA (J-1936)	6.1	6.9	6.0	7.4	6.9	6.6
RUGBY II (MED-18)	6.1	6.9	5.5	7.4	7.2	6.6
BLACKSTONE (PST-638)	6.4	6.8	5.8	7.6	6.4	6.6
ODYSSEY (J-1561)	5.8	7.2	5.9	7.5	6.7	6.6
PICK 8	6.0	7.1	6.2	7.2	6.5	6.6
SHOWCASE (PST-BO-141)	5.7	6.4	6.5	7.5	6.7	6.6
SEABRING (BA 79-260)	6.3	6.1	6.0	7.4	6.8	6.5
SR 2109	6.0	5.8	7.8	7.1	5.9	6.5
QUANTUM LEAP (J-1567)	5.9	6.7	5.7	7.6	6.5	6.5
ZPS-2183	6.3	6.3	6.5	7.1	6.2	6.5
AMERICA	6.0	6.5	6.5	7.1	6.2	6.5
NJ-GD	6.1	6.3	6.4	7.2	6.2	6.4
GLADE	6.0	6.3	6.2	7.1	6.6	6.4
CHICAGO (J-2582)	5.8	6.8	6.0	7.2	6.3	6.4
SR 2000	6.2	6.9	5.6	7.3	6.1	6.4
ECLIPSE	5.9	6.6	6.3	7.2	6.0	6.4
RAMBO (J-2579)	5.9	6.6	6.4	7.2	5.9	6.4
BARTITIA	6.2	6.1	5.9	7.3	6.4	6.4
EXPLORER (PICK-3561)	5.6	6.4	6.1	7.4	6.2	6.4
ASCOT	5.9	6.2	6.0	7.3	6.3	6.4
JEFFERSON	5.8	6.3	6.3	7.3	6.0	6.3
CHATEAU	6.0	6.5	5.8	7.3	6.2	6.3
MISTY (BA 76-372)	6.1	6.5	5.7	7.3	6.1	6.3
VB 16015	5.8	6.1	5.3	7.5	7.0	6.3
NJ 1190	6.6	5.4	6.9	7.0	5.6	6.3
NUSTAR	5.6	6.3	6.4	7.2	5.9	6.3
ADVOCATE (HV 130)	6.3	5.9	6.0	7.2	6.0	6.3
ALLURE	5.9	6.1	5.9	7.3	6.0	6.3

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FIVE LOCATIONS
USING A 1.6-2.0 INCH MOWING HEIGHT
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MN1	OK1	PA1	QE1	WA1	MEAN
CHALLENGER	6.0	6.5	4.9	7.4	6.5	6.2
CONNI	5.7	5.7	6.7	7.1	6.0	6.2
SR 2100	5.8	6.3	5.7	7.5	6.0	6.2
SERENE (PST-A7-245A)	5.7	6.2	5.9	7.2	6.1	6.2
CHAMPAGNE (LTP-621)	5.9	6.0	5.6	7.5	6.1	6.2
BA 73-373	5.6	6.4	5.8	7.2	6.2	6.2
FORTUNA	5.6	6.3	5.6	7.2	6.4	6.2
BARONETTE (BA 81-058)	5.9	6.7	5.0	7.3	6.2	6.2
MED-1580	5.6	5.8	6.1	7.3	6.2	6.2
J-1555	5.5	6.7	5.4	7.3	6.1	6.2
BA 81-220	5.6	5.9	5.8	7.2	6.5	6.2
COVENTRY	6.0	6.4	5.9	7.2	5.6	6.2
LKB-95	5.7	5.6	6.6	7.3	5.7	6.2
SHAMROCK	6.0	5.8	5.8	7.4	5.9	6.2
JEWEL (BA 81-227)	5.7	6.3	5.4	7.2	6.2	6.2
CARDIFF	5.2	5.7	6.3	7.4	6.2	6.1
BA 81-270	6.2	6.1	5.5	7.0	6.0	6.1
MARQUIS	5.7	6.0	5.4	7.1	6.4	6.1
BA 75-490	5.9	6.2	5.3	7.4	6.0	6.1
LIVINGSTON	5.9	6.2	5.8	7.2	5.6	6.1
BA 77-702	5.7	6.0	5.5	7.1	6.3	6.1
RAVEN	5.5	6.3	5.6	7.0	6.2	6.1
BAR VB 3115B	6.1	5.8	6.4	7.1	5.2	6.1
HAGA	5.7	6.5	5.7	7.1	5.6	6.1
PLATINI	5.6	6.1	5.2	7.4	6.3	6.1
BLUECHIP (MED-1991)	5.2	6.3	5.4	7.2	6.4	6.1
DRAGON (ZPS-429)	5.6	6.2	5.4	7.2	6.0	6.1
BARIRIS (BAR VB 5649)	5.6	6.3	5.2	7.3	6.1	6.1
BARON	5.6	6.1	5.3	7.1	6.3	6.1
BARONIE	6.0	6.6	5.1	7.0	5.8	6.1
PICK-855	5.8	5.9	6.2	6.9	5.5	6.1
CLASSIC	5.8	6.2	5.4	7.3	5.7	6.1
A88-744	5.3	6.3	5.1	7.5	6.1	6.1
SODNET	5.7	5.6	5.0	7.5	6.3	6.0
LIMOUSINE	6.1	5.7	5.9	7.1	5.4	6.0
ENVICTA (BA 75-173)	5.5	6.2	5.3	7.2	6.0	6.0
CALIBER	5.5	6.1	5.3	7.3	6.0	6.0
BA 70-060	5.4	6.0	5.4	7.2	6.2	6.0
BARITONE (BAR VB 233)	5.4	6.1	5.0	7.3	6.3	6.0
BA 75-163	4.8	6.2	4.9	7.5	6.6	6.0
PST-BO-165	5.4	6.1	5.2	7.2	5.9	6.0
GOLDRUSH (BA 87-102)	5.3	5.8	5.3	7.2	6.1	5.9
LTP-620	5.3	6.3	5.0	7.1	6.0	5.9
BA 81-113	5.2	6.2	4.9	7.1	6.2	5.9
ABBAY	5.4	5.9	5.4	7.0	5.9	5.9

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FIVE LOCATIONS
USING A 1.6-2.0 INCH MOWING HEIGHT
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	MN1	OK1	PA1	QE1	WA1	MEAN
NIMBUS	5.6	6.0	5.4	7.1	5.5	5.9
H86-690	5.4	5.1	5.7	7.3	6.1	5.9
ZPS-309	5.2	6.3	4.7	7.1	6.0	5.9
NJ-54	5.8	5.9	4.7	7.2	5.8	5.9
SRX 2205	5.4	5.6	5.5	6.8	5.8	5.8
BAR VB 6820	5.1	5.8	4.2	7.2	6.8	5.8
BA 76-197	5.6	5.6	5.2	7.0	5.7	5.8
SIDEKICK	5.5	6.2	4.3	7.1	5.5	5.7
HV 242	5.3	6.1	4.0	7.2	5.9	5.7
LIPOA	5.6	5.9	4.1	6.9	5.8	5.7
PEPAYA (DP 37-192)	4.9	5.7	3.9	7.3	6.0	5.5
BARUZO	3.9	5.8	5.1	7.1	5.6	5.5
COMPACT	4.4	5.4	5.4	6.9	5.0	5.4
KENBLUE	4.8	5.4	4.3	6.9	4.8	5.3
LSD VALUE	0.4	0.5	0.8	0.4	0.4	0.2
C.V. (%)	9.1	10.2	16.9	7.0	7.9	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 15. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT SEVEN LOCATIONS
 USING A 2.1+ INCH MOWING HEIGHT 1/
 1996-2000 DATA

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

NAME	IA1	IA2	MD1	MI1	MO1	MO3	ON1	MEAN
CHATEAU	6.6	7.5	5.9	6.0	5.5	6.5	7.0	6.4
LIBERATOR (ZPS-2572)	7.7	6.4	5.7	5.9	4.9	7.4	6.6	6.4
ABSOLUTE (MED-1497)	7.5	6.4	5.8	6.1	5.2	6.9	6.8	6.4
SERENE (PST-A7-245A)	6.7	7.2	5.6	5.9	5.4	6.8	6.7	6.3
LKB-95	6.7	6.9	5.9	6.2	5.4	5.7	7.3	6.3
AWARD	7.7	6.3	5.8	6.1	5.0	7.2	6.1	6.3
RUGBY II (MED-18)	6.6	6.8	5.4	6.1	5.1	7.2	6.8	6.3
BLACKSBURG	7.0	7.1	6.0	5.7	5.6	6.5	6.0	6.3
ALLURE	6.1	7.1	6.0	6.0	5.4	6.7	6.8	6.3
ODYSSEY (J-1561)	6.8	6.8	5.4	6.0	5.0	7.2	6.7	6.3
BA 81-270	6.8	7.3	5.3	5.9	5.0	6.5	7.0	6.3
UNIQUE	7.0	7.2	5.7	5.8	5.3	6.5	6.2	6.2
COVENTRY	6.7	7.0	5.6	6.0	5.1	6.7	6.7	6.2
NIMBUS	6.5	7.0	5.8	6.2	5.4	5.7	7.0	6.2
PST-BO-165	6.6	7.0	5.0	5.9	5.5	6.7	6.9	6.2
NUGLADE	7.0	6.5	5.5	6.0	4.9	7.3	6.2	6.2
NJ 1190	7.1	7.4	5.1	6.5	4.9	5.7	6.7	6.2
MIDNIGHT	7.4	6.3	5.0	5.8	5.1	7.4	6.4	6.2
NORTH STAR (PST-A7-60)	6.8	6.7	5.4	6.4	5.3	6.1	6.6	6.2
TOTAL ECLIPSE (TCR-1738)	7.3	6.7	5.2	5.4	5.0	7.6	6.0	6.2
NUSTAR	6.8	6.8	5.1	6.1	5.3	6.1	7.0	6.2
EXPLORER (PICK-3561)	6.6	6.5	5.7	6.0	5.3	6.2	6.8	6.2
BARONIE	6.6	6.7	5.7	6.1	5.4	5.9	6.8	6.2
IMPACT (J-1576)	7.1	6.0	5.4	6.2	5.1	7.2	6.1	6.2
PICK 8	6.9	6.4	5.6	5.9	5.0	6.6	6.7	6.2
PRINCETON 105	6.5	6.7	6.0	6.1	5.0	6.4	6.5	6.2
QUANTUM LEAP (J-1567)	7.2	6.1	5.3	5.9	5.2	6.7	6.8	6.2
BRILLIANT (PST-B2-42)	7.3	6.7	4.8	6.0	5.2	6.4	6.7	6.2
ARCADIA (J-1936)	7.1	6.3	5.5	5.9	5.2	6.6	6.6	6.2
SHOWCASE (PST-BO-141)	7.1	7.1	5.7	5.8	4.8	6.3	6.3	6.2
LIMOUSINE	6.1	7.2	5.9	5.4	5.1	6.1	7.2	6.1
WILDWOOD	6.8	6.6	5.4	6.4	5.1	6.5	6.2	6.1
CONNI	6.3	7.1	5.8	5.8	5.3	5.9	6.6	6.1
NJ-54	6.5	6.5	5.6	6.2	5.3	6.1	6.8	6.1
BA 75-490	6.5	7.5	5.6	6.1	4.9	6.1	6.3	6.1
RAVEN	6.5	6.6	5.7	6.2	5.1	6.4	6.4	6.1
SEABRING (BA 79-260)	6.9	6.5	5.2	6.1	5.1	6.5	6.5	6.1
BA 73-373	7.0	6.5	5.8	5.8	4.8	6.2	6.7	6.1
HAGA	6.9	6.5	6.0	6.0	4.9	5.8	6.7	6.1
FORTUNA	6.4	6.5	5.4	5.9	5.4	6.3	6.9	6.1
PST-P46	6.5	6.7	5.8	6.0	4.9	6.6	6.2	6.1
ADVOCATE (HV 130)	6.6	6.5	5.8	6.4	5.2	6.1	6.1	6.1
CHAMPAGNE (LTP-621)	6.3	6.8	5.6	6.3	4.8	5.8	7.0	6.1
CHICAGO (J-2582)	6.4	6.6	5.7	6.2	5.1	6.1	6.5	6.1

TABLE 15. 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
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF								
NAME	IA1	IA2	MD1	MI1	MO1	MO3	ON1	MEAN
BARONETTE (BA 81-058)	6.8	6.5	5.1	6.1	4.9	6.6	6.5	6.1
BARON	6.7	6.2	5.8	5.8	5.1	6.2	6.7	6.1
BARTITIA	6.8	6.6	5.4	5.5	5.5	5.9	7.0	6.1
APOLLO (PST-B3-180)	6.5	6.5	5.5	5.9	5.0	6.2	6.9	6.1
CLASSIC	6.6	7.1	5.6	5.8	5.1	5.8	6.5	6.1
MARQUIS	6.3	6.4	5.7	5.8	5.4	6.2	6.8	6.1
ECLIPSE	6.2	6.9	6.0	6.0	5.0	6.0	6.5	6.1
BAR VB 3115B	6.9	6.5	5.2	6.3	5.2	5.6	6.7	6.1
BA 77-702	6.2	6.5	5.6	5.9	4.9	6.3	6.9	6.1
CHALLENGER	6.9	6.7	5.1	5.8	5.1	6.3	6.6	6.1
SR 2100	6.5	6.3	5.7	6.0	4.9	6.4	6.7	6.0
GOLDRUSH (BA 87-102)	6.6	5.8	5.8	5.7	5.3	6.4	6.6	6.0
AMERICA	6.5	6.7	5.7	5.9	4.7	6.3	6.4	6.0
BLACKSTONE (PST-638)	6.3	6.3	5.7	5.7	5.2	6.5	6.6	6.0
ZPS-2183	7.0	6.4	5.5	6.0	5.0	6.0	6.3	6.0
MED-1580	6.3	6.2	5.7	6.1	5.2	6.0	6.8	6.0
BA 70-060	6.6	6.5	5.1	6.0	5.1	6.1	6.8	6.0
GLADE	6.6	5.9	5.6	6.1	5.4	6.3	6.3	6.0
MOONLIGHT (PST-A418)	6.3	6.3	5.2	5.7	5.1	7.0	6.6	6.0
ABBEY	6.8	6.3	5.2	6.2	5.0	6.1	6.5	6.0
JEFFERSON	6.5	6.5	5.0	6.2	5.0	6.0	6.8	6.0
NJ-GD	6.5	6.4	5.3	6.4	4.8	5.9	6.6	6.0
ASCOT	6.6	6.4	5.3	6.0	4.9	6.4	6.4	6.0
ENVICTA (BA 75-173)	6.1	6.2	5.7	6.0	4.9	6.3	6.8	6.0
SR 2000	6.7	6.1	5.0	6.0	4.5	7.0	6.7	6.0
SRX 2205	6.5	6.5	5.7	6.0	5.2	5.5	6.4	6.0
RAMBO (J-2579)	6.5	6.2	5.1	6.0	5.4	6.1	6.4	6.0
BA 81-220	6.6	5.7	5.9	5.7	5.1	6.1	6.7	6.0
DRAGON (ZPS-429)	6.3	6.3	5.6	5.8	5.0	6.0	6.7	6.0
ZPS-309	5.8	6.6	5.4	5.5	5.4	6.1	6.9	6.0
CALIBER	6.4	6.1	5.6	6.0	5.0	5.8	6.7	5.9
LIVINGSTON	6.5	6.4	5.0	5.9	5.1	5.8	6.8	5.9
BARITONE (BAR VB 233)	6.0	6.5	5.4	5.4	5.1	6.2	6.8	5.9
BARIRIS (BAR VB 5649)	6.0	6.0	5.5	5.7	5.3	5.9	6.9	5.9
JEWEL (BA 81-227)	6.5	6.7	5.0	5.8	4.8	6.2	6.3	5.9
SHAMROCK	6.7	6.6	5.0	5.8	4.7	5.9	6.7	5.9
PLATINI	5.7	6.5	5.7	5.5	5.1	6.0	6.7	5.9
VB 16015	6.2	6.1	4.9	6.1	4.7	6.6	6.6	5.9
BA 81-113	6.6	6.1	5.2	5.7	4.8	6.2	6.5	5.9
MISTY (BA 76-372)	6.3	6.5	5.0	6.3	4.6	5.9	6.6	5.9
BLUECHIP (MED-1991)	6.5	6.4	5.4	5.7	4.9	6.0	6.0	5.8
A88-744	6.7	6.0	5.2	6.2	4.3	6.3	6.2	5.8
BA 75-163	6.3	6.1	5.5	5.9	4.1	6.1	6.7	5.8
PICK-855	6.3	6.4	5.3	5.8	4.7	5.7	6.5	5.8
SR 2109	6.3	6.3	5.2	6.3	4.5	5.8	6.3	5.8

TABLE 15. 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
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	IA2	MD1	MI1	MO1	MO3	ON1	MEAN
J-1555	6.1	6.3	5.6	5.5	4.9	6.1	6.0	5.8
H86-690	7.2	5.7	5.1	6.2	4.3	5.6	6.4	5.8
SODNET	6.7	6.1	4.6	5.6	4.7	6.1	6.3	5.7
BA 76-197	6.3	5.4	5.5	6.2	4.8	5.4	6.5	5.7
SIDEKICK	6.4	5.9	5.0	5.7	4.3	6.2	6.4	5.7
COMPACT	5.8	5.9	5.8	5.7	4.6	5.6	6.2	5.6
LIPOA	6.4	6.0	4.5	5.4	5.2	5.6	6.4	5.6
HV 242	5.6	5.6	5.8	5.2	5.0	5.7	6.4	5.6
LTP-620	6.0	5.9	5.1	5.8	4.4	5.8	6.3	5.6
CARDIFF	6.3	5.5	4.4	6.2	4.7	5.7	6.4	5.6
KENBLUE	6.1	5.5	5.8	5.6	4.7	5.4	5.9	5.6
BAR VB 6820	6.0	5.9	4.5	5.8	4.4	5.8	6.7	5.6
BARUZO	6.0	5.9	4.8	5.7	4.3	5.5	6.6	5.5
PEPAYA (DP 37-192)	6.1	5.7	4.2	5.6	4.6	5.6	6.4	5.5
LSD VALUE	0.7	0.7	0.9	0.6	0.6	0.5	0.9	0.3
C.V. (%)	14.5	9.7	9.8	13.6	14.9	9.6	17.0	14.0

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

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

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
MIDNIGHT	6.3	6.5	6.8	6.4
LIBERATOR (ZPS-2572)	6.3	6.4	6.6	6.4
BRILLIANT (PST-B2-42)	6.1	6.5	6.6	6.4
TOTAL ECLIPSE (TCR-1738)	6.2	6.3	6.8	6.3
AWARD	6.1	6.4	6.8	6.3
NUGLADE	6.1	6.3	6.7	6.3
ODYSSEY (J-1561)	6.1	6.4	6.6	6.3
UNIQUE	6.2	6.3	6.6	6.3
IMPACT (J-1576)	6.2	6.3	6.7	6.3
SHOWCASE (PST-BO-141)	6.1	6.3	6.6	6.3
APOLLO (PST-B3-180)	6.1	6.3	6.4	6.3
RUGBY II (MED-18)	6.0	6.3	6.8	6.2
AMERICA	6.0	6.4	6.3	6.2
PRINCETON 105	5.7	6.5	6.3	6.2
BLACKSBURG	5.8	6.4	6.6	6.2
BLACKSTONE (PST-638)	5.8	6.3	6.3	6.1
QUANTUM LEAP (J-1567)	5.9	6.2	6.5	6.1
PICK 8	5.9	6.2	6.5	6.1
MOONLIGHT (PST-A418)	5.7	6.3	6.5	6.1
ARCADIA (J-1936)	5.8	6.2	6.6	6.1
ABSOLUTE (MED-1497)	5.7	6.2	6.8	6.1
NORTH STAR (PST-A7-60)	5.4	6.5	6.5	6.1
GLADE	5.7	6.1	6.5	6.0
JEFFERSON	5.6	6.2	6.0	6.0
WILDWOOD	5.4	6.2	6.4	6.0
ECLIPSE	5.7	6.1	6.0	6.0
RAMBO (J-2579)	5.5	6.2	6.2	6.0
SERENE (PST-A7-245A)	5.6	6.1	6.2	5.9
CHICAGO (J-2582)	5.7	6.0	6.2	5.9
LIMOUSINE	5.4	6.2	6.1	5.9
CHAMPAGNE (LTP-621)	5.6	6.1	6.1	5.9
EXPLORER (PICK-3561)	5.7	6.0	6.3	5.9
ALLURE	5.6	6.1	6.1	5.9
ZPS-2183	5.4	6.2	6.3	5.9
BA 81-058	5.6	6.0	6.2	5.9
CHATEAU	5.5	6.0	6.2	5.9
CONNI	5.3	6.2	6.0	5.9
NJ 1190	4.9	6.4	6.0	5.9
SR 2109	5.2	6.2	6.2	5.9
COVENTRY	5.6	6.0	5.9	5.9
PST-P46	5.3	6.1	6.3	5.8
NUSTAR	5.4	6.0	6.2	5.8
BARONIE	5.7	5.9	6.0	5.8
SR 2000	5.5	6.0	6.1	5.8
PLATINI	5.4	6.0	6.5	5.8

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
BAR VB 3115B	5.3	6.1	5.8	5.8
NJ-GD	5.3	6.1	6.0	5.8
HV 130	5.4	6.0	6.1	5.8
LIVINGSTON	5.5	6.0	5.9	5.8
BA 81-270	5.4	6.0	6.0	5.8
LKB-95	5.3	6.1	6.1	5.8
HAGA	5.7	5.8	5.9	5.8
SEABRING (BA 79-260)	5.3	6.0	6.1	5.8
CHALLENGER	5.4	5.9	6.3	5.8
BARIRIS (BAR VB 5649)	5.4	5.9	6.2	5.8
CALIBER	5.4	5.9	6.3	5.8
BAR VB 233	5.4	5.9	6.3	5.7
SHAMROCK	5.1	6.1	6.1	5.7
PST-BO-165	5.5	5.8	6.1	5.7
JEWEL (BA 81-227)	5.3	5.8	6.1	5.7
FORTUNA	5.5	5.7	6.2	5.7
ZPS-309	5.4	5.7	6.2	5.7
CLASSIC	5.3	5.9	6.0	5.7
RAVEN	5.4	5.7	6.0	5.7
BA 73-373	5.4	5.7	6.1	5.6
BARTITIA	4.9	6.0	6.5	5.6
ASCOT	5.2	5.8	6.2	5.6
BA 75-490	5.3	5.8	6.1	5.6
SR 2100	5.3	5.8	5.9	5.6
MARQUIS	5.4	5.7	6.2	5.6
MED-1580	5.2	5.8	6.1	5.6
BA 77-702	5.4	5.6	6.2	5.6
BA 70-060	5.3	5.7	6.1	5.6
GOLDRUSH (BA 87-102)	5.5	5.6	6.0	5.6
ENVICTA (BA 75-173)	5.4	5.6	6.0	5.6
ABBAY	5.3	5.6	6.0	5.6
NJ-54	5.3	5.6	5.9	5.6
A88-744	5.4	5.6	6.0	5.6
BA 81-220	5.2	5.6	6.3	5.5
J-1555	5.4	5.5	6.2	5.5
DRAGON (ZPS-429)	5.2	5.7	6.1	5.5
NIMBUS	5.1	5.7	6.0	5.5
BARON	5.3	5.5	6.2	5.5
MISTY (BA 76-372)	4.9	5.8	6.0	5.5
VB 16015	5.1	5.6	6.5	5.5
BLUECHIP (MED-1991)	5.2	5.5	6.2	5.5
HV 242	5.2	5.6	6.1	5.5
CARDIFF	4.9	5.6	6.1	5.4
PICK-855	4.8	5.7	5.9	5.4
BA 75-163	5.1	5.4	6.1	5.4

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	TRANSITION ZONE	COOL-HUMID ZONE	COOL-ARID ZONE	MEAN
BAR VB 6820	4.5	5.7	6.5	5.4
SRX 2205	4.8	5.6	6.0	5.4
BA 81-113	5.1	5.4	6.1	5.3
BA 76-197	5.0	5.4	5.8	5.3
LTP-620	5.1	5.3	5.9	5.3
SIDEKICK	5.2	5.2	5.7	5.3
H86-690	4.6	5.5	6.1	5.2
SODNET	4.6	5.4	6.1	5.2
LIPOA	4.7	5.2	6.0	5.1
COMPACT	4.9	5.1	5.5	5.1
PEPAYA (DP 37-192)	4.2	5.1	6.0	4.9
BARUZO	4.3	5.0	5.8	4.8
KENBLUE	4.6	4.7	5.2	4.7
LSD VALUE	0.2	0.2	0.3	0.1
C.V. (%)	14.4	13.8	9.1	13.5

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.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
IN THE TRANSITION ZONE 1/
1996-2000 DATA

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

NAME	IL2	KSI	KY1	MD1	MO1	MO3	NC1	OK1	UB1	VA1	MEAN
LIBERATOR (ZPS-2572)	7.2	4.8	7.8	5.7	4.9	7.4	5.9	7.0	6.9	5.5	6.3
MIDNIGHT	7.2	5.2	8.1	5.0	5.1	7.4	5.6	7.2	6.7	5.4	6.3
TOTAL ECLIPSE (TCR-1738)	6.7	4.6	8.3	5.2	5.0	7.6	5.1	7.0	7.1	4.9	6.2
IMPACT (J-1576)	6.8	4.4	7.8	5.4	5.1	7.2	5.2	7.4	7.0	5.3	6.2
UNIQUE	6.8	5.7	7.6	5.7	5.3	6.5	5.0	6.7	6.3	5.8	6.2
NUGLADE	6.1	4.4	8.0	5.5	4.9	7.3	5.4	7.6	7.0	5.1	6.1
ODYSSEY (J-1561)	6.3	4.7	7.7	5.4	5.0	7.2	5.4	7.2	7.0	5.1	6.1
AWARD	6.2	4.6	7.8	5.8	5.0	7.2	5.2	7.2	6.6	5.4	6.1
BRILLIANT (PST-B2-42)	7.2	5.6	7.5	4.8	5.2	6.4	5.4	6.4	6.8	5.5	6.1
APOLLO (PST-B3-180)	6.9	6.2	7.2	5.5	5.0	6.2	5.4	6.7	6.3	5.4	6.1
SHOWCASE (PST-BO-141)	7.1	5.8	7.6	5.7	4.8	6.3	5.2	6.4	5.9	5.7	6.1
AMERICA	7.0	5.6	7.5	5.7	4.7	6.3	5.0	6.5	6.1	5.5	6.0
RUGBY II (MED-18)	5.9	4.7	7.7	5.4	5.1	7.2	4.9	6.9	6.5	5.3	6.0
PICK 8	7.1	4.8	7.3	5.6	5.0	6.6	5.1	7.1	5.3	5.4	5.9
QUANTUM LEAP (J-1567)	6.3	4.5	7.9	5.3	5.2	6.7	4.8	6.7	6.7	4.9	5.9
ARCADIA (J-1936)	5.8	4.6	7.3	5.5	5.2	6.6	5.2	6.9	6.4	4.9	5.8
BLACKSTONE (PST-638)	6.7	4.6	6.3	5.7	5.2	6.5	5.4	6.8	5.3	5.7	5.8
BLACKSBURG	5.8	4.9	6.6	6.0	5.6	6.5	4.9	6.5	5.6	5.3	5.8
CHICAGO (J-2582)	6.6	4.4	6.8	5.7	5.1	6.1	4.6	6.8	6.2	5.2	5.7
MOONLIGHT (PST-A418)	6.4	4.0	6.9	5.2	5.1	7.0	4.9	6.7	5.4	5.9	5.7
GLADE	5.6	4.8	7.5	5.6	5.4	6.3	4.9	6.3	6.1	5.1	5.7
ABSOLUTE (MED-1497)	5.5	4.1	6.5	5.8	5.2	6.9	5.2	6.8	6.3	4.9	5.7
BARONIE	6.4	4.8	7.0	5.7	5.4	5.9	5.1	6.6	4.8	5.6	5.7
ECLIPSE	6.7	4.1	7.3	6.0	5.0	6.0	4.9	6.6	5.6	5.0	5.7
PRINCETON 105	6.6	4.3	6.4	6.0	5.0	6.4	5.8	6.2	5.5	4.8	5.7
EXPLORER (PICK-3561)	5.9	4.6	7.2	5.7	5.3	6.2	4.7	6.4	6.4	4.5	5.7
HAGA	6.6	4.6	7.0	6.0	4.9	5.8	4.8	6.5	5.1	5.4	5.7
SERENE (PST-A7-245A)	6.4	4.1	6.8	5.6	5.4	6.8	4.7	6.2	5.3	5.1	5.6
BARONETTE (BA 81-058)	5.9	4.5	7.6	5.1	4.9	6.6	4.9	6.7	5.0	5.3	5.6
ALLURE	6.3	4.3	6.8	6.0	5.4	6.7	4.7	6.1	5.0	5.0	5.6
CHAMPAGNE (LTP-621)	6.0	4.7	7.1	5.6	4.8	5.8	4.9	6.0	5.1	6.0	5.6
JEFFERSON	5.4	5.0	7.4	5.0	5.0	6.0	5.2	6.3	5.4	5.4	5.6
COVENTRY	6.2	4.5	6.4	5.6	5.1	6.7	4.8	6.4	5.4	5.0	5.6
FORTUNA	5.5	4.3	7.1	5.4	5.4	6.3	4.7	6.3	5.6	4.9	5.5
CHATEAU	5.9	4.5	6.2	5.9	5.5	6.5	4.7	6.5	4.7	5.2	5.5
SR 2000	5.3	4.6	7.0	5.0	4.5	7.0	4.8	6.9	5.1	5.2	5.5
RAMBO (J-2579)	5.4	4.2	6.8	5.1	5.4	6.1	4.7	6.6	6.7	4.3	5.5
PST-BO-165	6.3	4.6	6.7	5.0	5.5	6.7	4.5	6.1	5.0	4.7	5.5
LIVINGSTON	6.1	4.5	6.9	5.0	5.1	5.8	4.9	6.2	4.8	5.6	5.5
GOLDRUSH (BA 87-102)	5.2	4.7	6.5	5.8	5.3	6.4	4.9	5.8	4.8	5.0	5.5
ADVOCATE (HV 130)	5.8	4.9	5.7	5.8	5.2	6.1	4.7	5.9	5.5	4.8	5.4
J-1555	5.5	4.1	6.9	5.6	4.9	6.1	4.7	6.7	5.7	4.4	5.4
ZPS-309	6.0	4.3	5.9	5.4	5.4	6.1	5.1	6.3	5.2	4.7	5.4
NUSTAR	5.3	4.1	6.8	5.1	5.3	6.1	4.8	6.3	5.3	5.2	5.4

TABLE 17.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
IN THE TRANSITION ZONE
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	KSL	KY1	MD1	MO1	MO3	NC1	OK1	UB1	VA1	MEAN
WILDWOOD	5.6	5.0	6.2	5.4	5.1	6.5	4.8	6.4	5.1	4.4	5.4
BARIRIS (BAR VB 5649)	6.1	4.3	5.7	5.5	5.3	5.9	4.6	6.3	5.8	4.7	5.4
CALIBER	5.3	4.3	6.5	5.6	5.0	5.8	5.2	6.1	5.8	4.7	5.4
BA 73-373	4.9	4.3	6.9	5.8	4.8	6.2	4.9	6.4	4.4	5.4	5.4
BA 77-702	5.8	3.9	6.9	5.6	4.9	6.3	4.5	6.0	4.4	5.7	5.4
PLATINI	5.7	4.4	5.7	5.7	5.1	6.0	4.9	6.1	6.0	4.4	5.4
RAVEN	5.3	3.9	6.9	5.7	5.1	6.4	4.4	6.3	4.4	5.5	5.4
LIMOUSINE	5.0	4.3	6.1	5.9	5.1	6.1	4.4	5.7	7.4	4.0	5.4
ZPS-2183	5.4	4.6	5.9	5.5	5.0	6.0	4.4	6.3	5.3	5.3	5.4
NORTH STAR (PST-A7-60)	5.2	4.2	6.6	5.4	5.3	6.1	5.3	6.2	5.3	4.0	5.4
CHALLENGER	5.1	4.4	6.7	5.1	5.1	6.3	4.7	6.5	5.2	4.7	5.4
MARQUIS	4.2	4.2	6.7	5.7	5.4	6.2	4.6	6.0	5.2	5.5	5.4
BARITONE (BAR VB 233)	5.9	4.3	5.8	5.4	5.1	6.2	5.1	6.1	5.3	4.4	5.4
ENVICTA (BA 75-173)	4.7	4.5	7.0	5.7	4.9	6.3	4.8	6.2	4.0	5.5	5.4
A88-744	5.8	4.2	6.7	5.2	4.3	6.3	4.9	6.3	4.6	5.2	5.4
BA 81-270	6.3	4.4	6.0	5.3	5.0	6.5	4.5	6.1	4.7	4.7	5.4
BAR VB 3115B	6.6	4.1	6.2	5.2	5.2	5.6	4.2	5.8	5.7	4.8	5.3
SEABRING (BA 79-260)	5.4	4.1	6.9	5.2	5.1	6.5	5.0	6.1	4.8	4.2	5.3
PST-P46	5.6	4.5	6.1	5.8	4.9	6.6	4.3	6.1	4.9	4.5	5.3
JEWEL (BA 81-227)	6.5	4.5	6.1	5.0	4.8	6.2	4.9	6.3	4.2	4.8	5.3
BARON	4.8	4.2	6.4	5.8	5.1	6.2	4.9	6.1	4.8	4.9	5.3
NJ-GD	5.1	4.1	6.5	5.3	4.8	5.9	5.2	6.3	4.8	5.2	5.3
BA 70-060	5.1	4.2	6.9	5.1	5.1	6.1	4.8	6.0	4.2	5.7	5.3
NJ-54	6.0	4.2	6.6	5.6	5.3	6.1	4.3	5.9	4.1	5.0	5.3
BA 75-490	5.9	4.7	6.5	5.6	4.9	6.1	4.7	6.2	3.4	5.1	5.3
SR 2100	5.3	4.1	6.2	5.7	4.9	6.4	4.6	6.3	4.2	5.4	5.3
CONNI	5.4	4.2	5.8	5.8	5.3	5.9	4.8	5.7	5.7	4.4	5.3
ABBAY	5.4	4.3	6.7	5.2	5.0	6.1	4.7	5.9	3.9	5.7	5.3
LKB-95	4.4	4.5	6.3	5.9	5.4	5.7	5.0	5.6	5.3	4.8	5.3
CLASSIC	3.2	4.5	7.1	5.6	5.1	5.8	5.1	6.2	4.8	5.4	5.3
BLUECHIP (MED-1991)	4.6	3.5	6.1	5.4	4.9	6.0	4.7	6.3	5.4	5.3	5.2
MED-1580	4.9	4.1	6.9	5.7	5.2	6.0	4.5	5.8	4.6	4.6	5.2
BA 81-220	4.6	4.3	6.8	5.9	5.1	6.1	4.2	5.9	3.6	5.6	5.2
SR 2109	5.3	4.6	5.8	5.2	4.5	5.8	4.7	5.8	5.5	5.0	5.2
ASCOT	4.5	4.1	6.0	5.3	4.9	6.4	4.7	6.2	5.6	4.2	5.2
DRAGON (ZPS-429)	5.4	3.8	6.7	5.6	5.0	6.0	5.0	6.2	3.1	5.2	5.2
SIDEKICK	5.0	3.9	6.9	5.0	4.3	6.2	4.8	6.2	3.5	5.7	5.2
HV 242	5.0	4.2	5.2	5.8	5.0	5.7	4.5	6.1	6.0	4.1	5.2
BA 81-113	4.4	3.9	6.6	5.2	4.8	6.2	4.9	6.2	3.7	5.5	5.1
SHAMROCK	5.7	4.1	6.2	5.0	4.7	5.9	4.5	5.8	4.4	4.9	5.1
NIMBUS	4.3	4.0	6.4	5.8	5.4	5.7	4.5	6.0	3.8	5.1	5.1
BA 75-163	5.3	4.2	7.1	5.5	4.1	6.1	4.7	6.2	3.5	4.2	5.1
LTP-620	4.8	4.1	6.3	5.1	4.4	5.8	4.7	6.3	4.5	4.9	5.1
VB 16015	4.3	3.6	6.9	4.9	4.7	6.6	5.4	6.1	4.4	4.0	5.1
BA 76-197	3.5	4.0	6.0	5.5	4.8	5.4	5.0	5.6	4.8	5.1	5.0

TABLE 17.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
IN THE TRANSITION ZONE
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL2	KSL	KY1	MD1	MO1	MO3	NC1	OK1	UB1	VA1	MEAN
NJ 1190	4.1	4.4	5.2	5.1	4.9	5.7	4.5	5.4	5.3	4.6	4.9
COMPACT	4.0	4.1	5.4	5.8	4.6	5.6	4.4	5.4	5.1	4.7	4.9
MISTY (BA 76-372)	4.1	3.7	6.3	5.0	4.6	5.9	4.7	6.5	4.2	3.9	4.9
CARDIFF	4.1	3.6	5.4	4.4	4.7	5.7	5.3	5.7	5.7	4.1	4.9
BARTITIA	3.6	4.2	4.2	5.4	5.5	5.9	4.4	6.1	5.7	3.6	4.9
PICK-855	4.0	3.7	6.3	5.3	4.7	5.7	4.5	5.9	3.5	4.3	4.8
SRX 2205	4.1	4.3	5.0	5.7	5.2	5.5	4.3	5.6	3.5	4.7	4.8
LIPOA	3.7	4.4	4.1	4.5	5.2	5.6	4.3	5.9	5.8	3.2	4.7
KENBLUE	4.5	3.6	5.4	5.8	4.7	5.4	4.7	5.4	2.0	4.2	4.6
H86-690	3.3	4.2	5.4	5.1	4.3	5.6	4.6	5.1	3.8	4.1	4.6
SODNET	3.5	3.3	4.6	4.6	4.7	6.1	4.6	5.6	4.8	3.7	4.6
BAR VB 6820	3.6	3.1	4.0	4.5	4.4	5.8	4.6	5.8	5.7	3.4	4.5
BARUZO	3.4	3.0	4.3	4.8	4.3	5.5	4.8	5.8	3.1	3.9	4.3
PEPAYA (DP 37-192)	3.6	3.0	3.0	4.2	4.6	5.6	4.3	5.7	4.3	3.4	4.2
LSD VALUE	0.8	0.9	0.5	0.9	0.6	0.5	0.6	0.5	0.7	0.5	0.2
C.V. (%)	18.4	25.7	10.1	9.8	14.9	9.6	16.4	10.2	13.6	13.4	14.4

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

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

TABLE 18.

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

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

NAME	IA1	IA2	IL1	IN1	MA1	ME1	MI1	MN1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
BRILLIANT (PST-B2-42)	7.3	6.7	5.5	6.9	6.2	7.7	6.0	6.2	6.7	5.2	5.3	8.0	6.7	6.9	7.3	5.9	6.5
PRINCETON 105	6.5	6.7	5.5	6.0	5.4	7.3	6.1	6.5	6.3	6.5	6.0	8.3	6.5	6.8	7.4	6.3	6.5
NORTH STAR (PST-A7-60)	6.8	6.7	6.0	6.2	5.2	6.8	6.4	6.4	5.9	5.8	5.2	8.0	6.6	7.2	7.2	7.3	6.5
MIDNIGHT	7.4	6.3	5.1	6.1	5.2	7.7	5.8	6.5	6.3	6.5	6.4	8.4	6.4	5.4	7.6	6.4	6.5
NJ 1190	7.1	7.4	4.5	5.9	6.5	7.7	6.5	6.6	7.2	3.4	5.8	8.1	6.7	6.9	7.0	5.8	6.4
LIBERATOR (ZPS-2572)	7.7	6.4	5.1	5.8	5.0	7.6	5.9	6.5	6.9	6.1	6.2	8.2	6.6	5.4	7.5	5.9	6.4
BLACKSBURG	7.0	7.1	4.6	6.1	4.6	7.4	5.7	6.4	6.6	5.7	6.0	8.0	6.0	7.2	7.5	6.5	6.4
ODYSSEY (J-1561)	6.8	6.8	5.3	5.8	5.2	7.9	6.0	5.8	6.3	6.0	5.7	8.2	6.7	5.9	7.5	6.1	6.4
AMERICA	6.5	6.7	5.3	6.8	6.0	7.5	5.9	6.0	6.5	5.4	5.3	7.9	6.4	6.5	7.1	6.0	6.4
AWARD	7.7	6.3	5.0	6.1	4.6	7.4	6.1	6.2	6.6	5.4	5.9	8.2	6.1	6.0	7.5	6.6	6.4
APOLLO (PST-B3-180)	6.5	6.5	5.0	6.5	5.9	7.6	5.9	6.4	5.9	5.4	5.1	8.1	6.9	6.6	7.2	6.1	6.3
TOTAL ECLIPSE (TCR-1738)	7.3	6.7	5.4	5.9	5.4	8.0	5.4	6.3	6.8	5.2	6.3	8.1	6.0	5.4	7.5	5.9	6.3
SHOWCASE (PST-BO-141)	7.1	7.1	5.5	6.4	6.1	6.5	5.8	5.7	6.3	5.2	5.3	8.0	6.3	6.5	7.5	6.0	6.3
NUGLADE	7.0	6.5	5.6	5.8	5.3	7.9	6.0	6.3	6.2	5.6	6.0	8.3	6.2	5.6	7.5	5.6	6.3
UNIQUE	7.0	7.2	4.9	6.6	5.7	7.1	5.8	6.2	6.4	5.2	5.3	7.8	6.2	6.9	7.3	5.5	6.3
RUGBY II (MED-18)	6.6	6.8	5.6	5.8	4.9	7.3	6.1	6.1	6.6	5.5	5.5	8.3	6.8	5.5	7.4	6.1	6.3
BLACKSTONE (PST-638)	6.3	6.3	5.5	5.6	4.4	7.7	5.7	6.4	6.2	6.2	6.1	7.9	6.6	5.8	7.6	6.6	6.3
MOONLIGHT (PST-A418)	6.3	6.3	5.3	5.2	4.8	7.7	5.7	6.0	6.0	6.2	6.3	8.1	6.6	6.2	7.7	6.4	6.3
IMPACT (J-1576)	7.1	6.0	5.2	5.6	5.2	7.7	6.2	6.0	6.7	5.4	5.9	8.1	6.1	5.6	7.5	6.0	6.3
LIMOUSINE	6.1	7.2	4.9	6.5	6.3	7.9	5.4	6.1	6.0	5.5	4.6	7.9	7.2	5.9	7.1	5.3	6.2
CONNI	6.3	7.1	5.3	6.2	6.2	6.9	5.8	5.7	6.4	4.2	5.3	7.8	6.6	6.7	7.1	6.0	6.2
JEFFERSON	6.5	6.5	4.9	5.9	5.0	6.6	6.2	5.8	6.0	5.9	5.7	7.8	6.8	6.3	7.3	6.1	6.2
QUANTUM LEAP (J-1567)	7.2	6.1	4.9	5.6	4.8	7.4	5.9	5.9	6.5	5.0	5.9	8.1	6.8	5.7	7.6	6.0	6.2
WILDWOOD	6.8	6.6	5.3	5.9	4.4	7.9	6.4	6.7	5.9	4.5	5.4	7.9	6.2	6.6	7.2	5.8	6.2
ABSOLUTE (MED-1497)	7.5	6.4	5.6	6.2	4.5	7.5	6.1	6.5	6.2	4.3	4.8	8.2	6.8	5.9	7.5	5.5	6.2
SR 2109	6.3	6.3	5.2	6.1	4.8	6.9	6.3	6.0	6.0	4.4	6.2	7.9	6.3	7.8	7.1	5.8	6.2
ARCADIA (J-1936)	7.1	6.3	4.6	5.3	5.4	7.2	5.9	6.1	6.5	4.9	5.4	8.1	6.6	6.0	7.4	6.3	6.2
PICK 8	6.9	6.4	5.1	5.6	4.5	7.0	5.9	6.0	6.2	6.0	5.6	7.8	6.7	6.2	7.2	5.9	6.2
ZPS-2183	7.0	6.4	4.7	5.3	5.3	7.0	6.0	6.3	5.3	5.3	5.8	8.2	6.3	6.5	7.1	6.2	6.2
RAMBO (J-2579)	6.5	6.2	5.1	6.2	6.0	7.5	6.0	5.9	6.6	4.1	5.0	7.9	6.4	6.4	7.2	5.4	6.2
BAR VB 3115B	6.9	6.5	5.1	5.7	5.3	7.1	6.3	6.1	6.1	5.1	4.8	7.7	6.7	6.4	7.1	5.2	6.1
NJ-GD	6.5	6.4	4.8	6.0	4.2	6.9	6.4	6.1	6.3	4.6	5.6	7.8	6.6	6.4	7.2	5.9	6.1
ECLIPSE	6.2	6.9	5.3	6.0	4.1	7.0	6.0	5.9	5.9	5.5	5.3	8.1	6.5	6.3	7.2	5.5	6.1
PST-P46	6.5	6.7	4.9	5.8	4.1	7.3	6.0	6.5	5.5	4.4	5.3	8.2	6.2	6.8	7.4	5.6	6.1
CHAMPAGNE (LTP-621)	6.3	6.8	5.0	5.7	4.5	7.3	6.3	5.9	6.2	4.9	5.3	7.7	7.0	5.6	7.5	5.6	6.1
SERENE (PST-A7-245A)	6.7	7.2	5.1	5.8	5.1	7.1	5.9	5.7	6.5	4.3	4.7	7.8	6.7	5.9	7.2	5.3	6.1
LKB-95	6.7	6.9	5.0	5.4	4.8	7.1	6.2	5.7	6.1	3.6	5.0	7.5	7.3	6.6	7.3	5.6	6.1
GLADE	6.6	5.9	5.1	5.7	5.1	6.6	6.1	6.0	5.9	5.0	4.9	7.9	6.3	6.2	7.1	6.4	6.1
ALLURE	6.1	7.1	5.2	5.6	4.9	7.1	6.0	5.9	6.4	4.1	5.0	8.0	6.8	5.9	7.3	5.5	6.1
SHAMROCK	6.7	6.6	4.9	6.3	4.4	7.6	5.8	6.0	6.0	4.3	4.9	8.0	6.7	5.8	7.4	5.6	6.1
BA 81-270	6.8	7.3	5.0	6.2	4.1	7.0	5.9	6.2	6.4	4.3	5.1	7.9	7.0	5.5	7.0	5.2	6.0
NUSTAR	6.8	6.8	4.9	6.1	4.2	6.5	6.1	5.6	5.9	5.2	5.0	7.5	7.0	6.4	7.2	5.5	6.0
CHATEAU	6.6	7.5	4.7	5.9	4.7	6.6	6.0	6.0	6.1	3.8	5.1	7.9	7.0	5.8	7.3	5.6	6.0
LIVINGSTON	6.5	6.4	5.0	6.1	4.8	6.7	5.9	5.9	5.8	4.8	5.6	7.5	6.8	5.8	7.2	5.6	6.0

TABLE 18. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT SIXTEEN LOCATIONS
IN THE COOL-HUMID ZONE
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	IA2	IL1	IN1	MA1	ME1	MI1	MN1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
COVENTRY	6.7	7.0	4.7	6.1	4.8	7.0	6.0	6.0	6.1	3.9	4.7	8.0	6.7	5.9	7.2	5.7	6.0
CHICAGO (J-2582)	6.4	6.6	4.8	5.6	5.0	7.1	6.2	5.8	6.0	4.1	4.8	8.1	6.5	6.0	7.2	5.8	6.0
ADVOCATE (HV 130)	6.6	6.5	4.6	6.2	5.8	6.8	6.4	6.3	6.3	3.7	3.8	7.8	6.1	6.0	7.2	6.0	6.0
EXPLORER (PICK-3561)	6.6	6.5	5.2	5.2	4.8	7.1	6.0	5.6	6.0	4.1	4.8	7.9	6.8	6.1	7.4	5.5	6.0
BARTITIA	6.8	6.6	4.4	6.3	4.1	7.4	5.5	6.2	6.3	3.5	5.2	7.9	7.0	5.9	7.3	5.4	6.0
BARONETTE (BA 81-058)	6.8	6.5	4.8	5.7	4.7	7.3	6.1	5.9	5.8	5.1	5.3	7.8	6.5	5.0	7.3	5.1	6.0
SEABRING (BA 79-260)	6.9	6.5	5.0	5.7	4.4	7.1	6.1	6.3	5.4	3.8	5.0	8.3	6.5	6.0	7.4	5.5	6.0
PLATINI	5.7	6.5	4.2	5.6	5.1	7.2	5.5	5.6	6.4	5.5	5.2	7.9	6.7	5.2	7.4	5.9	6.0
SR 2000	6.7	6.1	5.6	4.8	5.0	6.7	6.0	6.2	5.9	5.0	4.2	8.0	6.7	5.6	7.3	5.8	6.0
CHALLENGER	6.9	6.7	4.7	5.6	4.6	7.1	5.8	6.0	6.3	4.1	5.2	8.0	6.6	4.9	7.4	4.6	5.9
BARONIE	6.6	6.7	4.6	5.9	4.5	7.0	6.1	6.0	5.9	5.0	4.6	7.8	6.8	5.1	7.0	4.8	5.9
CLASSIC	6.6	7.1	4.5	5.9	4.3	7.0	5.8	5.8	5.7	4.8	4.7	7.7	6.5	5.4	7.3	5.0	5.9
BARIRIS (BAR VB 5649)	6.0	6.0	4.4	5.7	4.5	6.7	5.7	5.6	6.5	5.0	5.2	7.7	6.9	5.2	7.3	5.6	5.9
CALIBER	6.4	6.1	4.8	5.5	4.6	7.0	6.0	5.5	6.0	4.5	5.0	7.5	6.7	5.3	7.3	5.7	5.9
BARITONE (BAR VB 233)	6.0	6.5	4.3	6.0	4.4	7.3	5.4	5.4	6.1	5.0	5.0	7.5	6.8	5.0	7.3	5.8	5.9
HAGA	6.9	6.5	4.8	5.1	4.8	6.7	6.0	5.7	5.7	4.5	4.9	7.5	6.7	5.7	7.1	5.2	5.8
JEWEL (BA 81-227)	6.5	6.7	4.9	5.7	3.7	6.7	5.8	5.7	6.0	4.4	4.6	7.9	6.3	5.4	7.2	5.5	5.8
ASCOT	6.6	6.4	4.4	5.3	4.1	7.1	6.0	5.9	5.6	4.0	5.2	7.5	6.4	6.0	7.3	5.2	5.8
SR 2100	6.5	6.3	5.3	5.0	4.0	6.5	6.0	5.8	5.5	4.9	3.6	7.9	6.7	5.7	7.5	5.6	5.8
MISTY (BA 76-372)	6.3	6.5	4.7	5.6	3.5	6.8	6.3	6.1	5.7	2.9	5.2	7.6	6.6	5.7	7.3	5.8	5.8
BA 75-490	6.5	7.5	3.7	5.5	3.6	6.4	6.1	5.9	6.4	4.2	4.5	7.9	6.3	5.3	7.4	5.3	5.8
PST-BO-165	6.6	7.0	4.4	5.5	4.7	6.3	5.9	5.4	6.4	3.4	4.6	7.6	6.9	5.2	7.2	5.0	5.8
MED-1580	6.3	6.2	4.5	5.5	3.7	6.4	6.1	5.6	5.7	3.8	4.6	7.9	6.8	6.1	7.3	5.5	5.8
RAVEN	6.5	6.6	5.2	5.4	4.3	6.2	6.2	5.5	5.5	4.2	3.7	8.0	6.4	5.6	7.0	5.6	5.7
ZPS-309	5.8	6.6	4.5	5.1	4.7	7.3	5.5	5.2	5.6	4.8	5.1	7.6	6.9	4.7	7.1	5.2	5.7
NIMBUS	6.5	7.0	4.4	5.8	4.3	6.5	6.2	5.6	5.7	3.5	3.9	7.9	7.0	5.4	7.1	4.8	5.7
BA 73-373	7.0	6.5	4.3	5.9	4.3	6.2	5.8	5.6	5.6	3.9	3.7	8.0	6.7	5.8	7.2	5.1	5.7
PICK-855	6.3	6.4	4.8	5.4	3.9	6.8	5.8	5.8	6.0	3.6	4.6	7.6	6.5	6.2	6.9	4.7	5.7
MARQUIS	6.3	6.4	4.7	5.9	3.7	6.3	5.8	5.7	5.4	4.0	3.9	8.0	6.8	5.4	7.1	5.5	5.7
BAR VB 6820	6.0	5.9	4.6	5.9	4.0	7.7	5.8	5.1	5.5	4.2	5.6	7.4	6.7	4.2	7.2	5.2	5.7
BA 70-060	6.6	6.5	4.6	5.8	4.2	6.2	6.0	5.4	5.0	4.2	3.8	8.0	6.8	5.4	7.2	5.4	5.7
FORTUNA	6.4	6.5	4.6	5.7	3.9	6.8	5.9	5.6	5.3	3.9	3.6	7.8	6.9	5.6	7.2	4.9	5.7
DRAGON (ZPS-429)	6.3	6.3	4.6	5.0	3.5	6.2	5.8	5.6	5.3	4.4	4.6	7.8	6.7	5.4	7.2	5.8	5.7
NJ-54	6.5	6.5	4.2	5.8	3.7	5.8	6.2	5.8	5.7	3.6	4.3	7.8	6.8	4.7	7.2	5.8	5.6
ABBAY	6.8	6.3	4.6	5.8	4.2	5.9	6.2	5.4	5.4	4.0	3.8	7.8	6.5	5.4	7.0	5.1	5.6
CARDIFF	6.3	5.5	4.6	5.1	4.8	6.8	6.2	5.2	5.6	2.2	5.0	7.7	6.4	6.3	7.4	5.0	5.6
BA 77-702	6.2	6.5	4.6	5.6	3.9	6.1	5.9	5.7	5.4	4.0	3.6	7.9	6.9	5.5	7.1	5.4	5.6
BA 81-220	6.6	5.7	4.5	5.9	3.9	6.0	5.7	5.6	5.3	4.0	3.7	8.0	6.7	5.8	7.2	5.4	5.6
ENVICIA (BA 75-173)	6.1	6.2	4.8	5.7	3.8	6.3	6.0	5.5	5.6	3.7	3.6	7.7	6.8	5.3	7.2	5.4	5.6
A88-744	6.7	6.0	4.4	4.7	4.2	7.0	6.2	5.3	5.3	4.7	3.7	7.7	6.2	5.1	7.5	5.0	5.6
HV 242	5.6	5.6	4.2	5.8	5.2	6.7	5.2	5.3	6.2	4.3	4.6	7.7	6.4	4.0	7.2	5.4	5.6
SRX 2205	6.5	6.5	4.0	5.6	3.8	5.9	6.0	5.4	5.6	3.5	4.9	7.7	6.4	5.5	6.8	5.1	5.6
VB 16015	6.2	6.1	4.7	4.5	3.9	6.8	6.1	5.8	5.6	3.2	4.6	7.9	6.6	5.3	7.5	4.6	5.6
GOLDRUSH (BA 87-102)	6.6	5.8	4.6	5.5	3.7	6.6	5.7	5.3	5.5	3.9	3.8	8.1	6.6	5.3	7.2	5.0	5.6
BARON	6.7	6.2	4.3	5.4	3.5	6.0	5.8	5.6	5.5	3.9	3.5	7.9	6.7	5.3	7.1	5.2	5.5

TABLE 18. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT SIXTEEN LOCATIONS
IN THE COOL-HUMID ZONE
1996-2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																
	IA1	IA2	IL1	IN1	MA1	ME1	MI1	MN1	NE1	NJ1	NJ2	OH1	ON1	PA1	QE1	RI1	MEAN
BLUECHIP (MED-1991)	6.5	6.4	4.6	5.5	4.3	6.3	5.7	5.2	5.6	3.5	3.8	7.5	6.0	5.4	7.2	5.2	5.5
H86-690	7.2	5.7	4.7	4.7	3.3	6.4	6.2	5.4	5.5	2.6	4.2	7.7	6.4	5.7	7.3	5.3	5.5
J-1555	6.1	6.3	4.7	3.9	4.3	6.7	5.5	5.5	5.7	3.1	4.1	7.9	6.0	5.4	7.3	5.3	5.5
BA 76-197	6.3	5.4	4.1	5.8	4.3	6.2	6.2	5.6	5.4	2.8	4.2	7.5	6.5	5.2	7.0	4.7	5.4
SODNET	6.7	6.1	4.2	5.0	3.5	7.1	5.6	5.7	5.6	2.1	4.4	7.7	6.3	5.0	7.5	4.7	5.4
BA 75-163	6.3	6.1	4.2	4.9	3.6	6.2	5.9	4.8	5.7	2.9	4.2	8.0	6.7	4.9	7.5	5.0	5.4
BA 81-113	6.6	6.1	4.0	5.2	4.0	6.2	5.7	5.2	5.0	2.6	3.4	7.7	6.5	4.9	7.1	5.3	5.4
LTP-620	6.0	5.9	4.7	4.4	3.7	6.3	5.8	5.3	5.5	3.4	4.1	7.5	6.3	5.0	7.1	4.5	5.3
SIDEKICK	6.4	5.9	4.3	4.6	3.6	5.6	5.7	5.5	5.0	3.5	3.8	7.3	6.4	4.3	7.1	5.0	5.2
LIPOA	6.4	6.0	4.4	4.1	3.9	6.3	5.4	5.6	5.3	2.3	3.4	7.7	6.4	4.1	6.9	5.0	5.2
PEPAYA (DP 37-192)	6.1	5.7	4.4	5.1	4.4	5.8	5.6	4.9	4.8	2.4	3.9	7.6	6.4	3.9	7.3	4.0	5.1
COMPACT	5.8	5.9	4.5	3.7	3.7	5.6	5.7	4.4	5.6	2.9	3.2	7.4	6.2	5.4	6.9	4.9	5.1
BARUZO	6.0	5.9	3.4	3.9	3.2	5.9	5.7	3.9	4.3	2.3	3.7	7.5	6.6	5.1	7.1	5.0	5.0
KENBLUE	6.1	5.5	3.9	3.2	2.6	5.0	5.6	4.8	4.8	2.4	3.1	6.9	5.9	4.3	6.9	5.0	4.7
LSD VALUE	0.7	0.7	0.9	0.5	0.7	0.9	0.6	0.4	0.6	0.7	0.5	0.3	0.9	0.8	0.4	0.5	0.2
C.V. (%)	14.5	9.7	23.6	11.9	19.4	15.9	13.6	9.1	11.8	19.6	14.7	5.9	17.0	16.9	7.0	11.4	13.8

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

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

TABLE 19.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
IN THE COOL-ARID ZONE 1/
1996-2000 DATA

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

NAME	AB1	UT1	WA1	MEAN	NAME	AB1	UT1	WA1	MEAN
AWARD	7.2	6.2	7.1	6.8	ZPS-309	6.8	5.7	6.0	6.2
MIDNIGHT	6.9	6.2	7.3	6.8	ASCOT	6.6	5.6	6.3	6.2
ABSOLUTE (MED-1497)	7.2	6.1	7.0	6.8	BARONETTE (BA 81-058)	6.8	5.6	6.2	6.2
TOTAL ECLIPSE (TCR-1738)	6.8	6.4	7.1	6.8	BARON	6.8	5.5	6.3	6.2
RUGBY II (MED-18)	7.2	5.9	7.2	6.8	NUSTAR	6.8	5.9	5.9	6.2
NUGLADE	7.1	5.9	7.1	6.7	BLUECHIP (MED-1991)	6.7	5.4	6.4	6.2
IMPACT (J-1576)	6.6	6.3	7.1	6.7	BA 77-702	6.8	5.3	6.3	6.2
BRILLIANT (PST-B2-42)	7.1	6.2	6.5	6.6	SR 2000	6.9	5.5	6.1	6.1
BLACKSBURG	6.9	6.2	6.8	6.6	JEWEL (BA 81-227)	6.7	5.5	6.2	6.1
UNIQUE	7.1	6.2	6.5	6.6	MED-1580	6.4	5.8	6.2	6.1
ARCADIA (J-1936)	6.6	6.3	6.9	6.6	BA 70-060	6.8	5.4	6.2	6.1
LIBERATOR (ZPS-2572)	7.0	5.9	6.8	6.6	ADVOCATE (HV 130)	6.8	5.6	6.0	6.1
ODYSSEY (J-1561)	6.9	6.2	6.7	6.6	BA 75-163	6.4	5.3	6.6	6.1
SHOWCASE (PST-BO-141)	6.7	6.3	6.7	6.6	SODNET	6.5	5.5	6.3	6.1
GLADE	6.7	6.4	6.6	6.5	ALLURE	6.9	5.4	6.0	6.1
BAR VB 6820	7.0	5.7	6.8	6.5	LKB-95	6.7	5.9	5.7	6.1
QUANTUM LEAP (J-1567)	7.0	6.0	6.5	6.5	HV 242	6.8	5.6	5.9	6.1
NORTH STAR (PST-A7-60)	6.7	6.3	6.5	6.5	SEABRING (BA 79-260)	6.3	5.2	6.8	6.1
VB 16015	6.8	5.6	7.0	6.5	BA 75-490	6.7	5.6	6.0	6.1
MOONLIGHT (PST-A418)	6.5	6.0	7.0	6.5	LIMOUSINE	7.1	5.8	5.4	6.1
BARTITIA	7.0	6.0	6.4	6.5	DRAGON (ZPS-429)	6.5	5.7	6.0	6.1
PLATINI	7.1	6.0	6.3	6.5	H86-690	6.5	5.6	6.1	6.1
PICK 8	7.0	5.9	6.5	6.5	CARDIFF	6.4	5.5	6.2	6.1
WILDWOOD	6.9	5.6	6.7	6.4	BA 73-373	6.7	5.3	6.2	6.1
APOLLO (PST-B3-180)	6.6	6.2	6.4	6.4	CHAMPAGNE (LTP-621)	6.7	5.4	6.1	6.1
PRINCETON 105	6.6	5.9	6.6	6.3	SHAMROCK	6.7	5.6	5.9	6.1
BARTONE (BAR VB 233)	7.0	5.7	6.3	6.3	PST-BO-165	6.9	5.4	5.9	6.1
BLACKSTONE (PST-638)	6.9	5.7	6.4	6.3	BA 81-113	6.5	5.5	6.2	6.1
CALIBER	7.1	5.9	6.0	6.3	GOLDRUSH (BA 87-102)	6.8	5.3	6.1	6.0
EXPLORER (PICK-3561)	6.8	5.9	6.2	6.3	MISTY (BA 76-372)	6.8	5.2	6.1	6.0
ZPS-2183	6.8	5.9	6.2	6.3	PEPAYA (DP 37-192)	6.6	5.5	6.0	6.0
AMERICA	6.5	6.2	6.2	6.3	NJ 1190	6.9	5.5	5.6	6.0
BA 81-220	6.7	5.6	6.5	6.3	BARONIE	6.9	5.4	5.8	6.0
PST-P46	6.6	5.8	6.3	6.3	ABBEY	6.8	5.4	5.9	6.0
CHALLENGER	6.7	5.6	6.5	6.3	BA 81-270	6.7	5.4	6.0	6.0
CHATEAU	7.1	5.5	6.2	6.2	CONNI	6.3	5.6	6.0	6.0
SERENE (PST-A7-245A)	6.8	5.8	6.1	6.2	RAVEN	6.7	5.1	6.2	6.0
CHICAGO (J-2582)	6.5	5.9	6.3	6.2	ENVICTA (BA 75-173)	6.7	5.2	6.0	6.0
BARIRIS (BAR VB 5649)	7.1	5.6	6.1	6.2	SRX 2205	6.6	5.6	5.8	6.0
SR 2109	6.8	6.0	5.9	6.2	NJ-GD	6.6	5.2	6.2	6.0
MARQUIS	6.8	5.4	6.4	6.2	JEFFERSON	6.5	5.4	6.0	6.0
FORTUNA	6.6	5.6	6.4	6.2	NIMBUS	6.9	5.4	5.5	6.0
RAMBO (J-2579)	7.0	5.7	5.9	6.2	A88-744	6.7	5.1	6.1	6.0
J-1555	6.7	5.7	6.1	6.2	CLASSIC	6.7	5.5	5.7	6.0

TABLE 19. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
IN THE COOL-ARID ZONE
1996-2000 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AB1	UT1	WA1	MEAN
ECLIPSE	6.5	5.4	6.0	6.0
LIPOA	6.7	5.4	5.8	6.0
SR 2100	6.6	5.3	6.0	5.9
LTP-620	6.2	5.6	6.0	5.9
HAGA	6.8	5.4	5.6	5.9
NJ-54	6.5	5.5	5.8	5.9
PICK-855	6.5	5.6	5.5	5.9
LIVINGSTON	6.8	5.1	5.6	5.9
COVENTRY	6.7	5.2	5.6	5.9
BAR VB 3115B	6.8	5.3	5.2	5.8
BARUZO	6.4	5.3	5.6	5.8
BA 76-197	6.5	5.0	5.7	5.8
SIDEKICK	6.5	5.0	5.5	5.7
COMPACT	6.5	5.0	5.0	5.5
KENBLUE	6.1	4.6	4.8	5.2
LSD VALUE	0.5	0.5	0.4	0.3
C.V. (%)	8.6	10.8	7.9	9.1

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

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

TABLE 20. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NE2	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
CONNI	5.7	6.1	6.3	4.4	5.3	6.3	6.1	6.9	5.8	7.5	6.2	5.6	4.9	6.8	6.3	6.4	7.3	4.2	3.5	7.7	6.0	5.8	5.2	6.6	5.8	6.2	5.9	5.3	7.2	6.0
LIMOUSINE	6.2	5.9	6.5	3.6	5.2	5.8	6.3	5.7	6.0	7.7	6.4	6.7	4.7	6.8	6.5	6.4	7.0	5.2	4.7	7.6	6.5	6.2	4.5	6.5	5.1	6.9	4.8	5.3	6.8	6.0
LIVINGSTON	6.3	6.4	5.8	4.7	4.7	6.1	6.0	7.1	5.3	7.1	6.9	5.9	5.1	6.4	6.4	5.6	6.7	6.0	3.7	7.0	6.0	5.8	5.0	6.4	5.9	6.4	5.4	6.1	6.5	6.0
BARONIE	6.3	6.1	5.7	4.6	3.5	6.1	5.1	7.3	5.3	7.5	6.3	6.1	4.9	6.7	6.1	6.1	6.5	6.8	5.0	7.5	5.7	6.0	3.8	6.5	5.4	7.1	5.1	5.5	6.7	5.9
NJ 1190	6.6	6.0	5.8	4.3	5.0	5.5	5.8	6.4	5.5	7.8	5.8	6.3	4.9	6.7	6.6	6.2	6.7	4.7	5.3	7.7	6.8	5.8	4.6	6.3	4.5	7.0	5.3	5.5	5.8	5.9
CLASSIC	6.4	6.4	5.0	4.4	4.3	6.6	5.3	7.5	4.8	7.3	5.8	6.3	5.1	6.6	6.3	5.4	6.3	6.7	4.8	7.3	5.6	5.5	3.6	6.3	5.0	7.2	5.5	5.8	6.5	5.8
LKB-95	6.3	5.6	6.5	4.7	4.4	6.4	6.4	6.8	5.3	7.2	5.8	5.8	4.3	6.4	6.3	6.4	6.7	4.8	3.7	7.1	6.3	5.6	4.3	6.8	5.2	5.7	5.3	6.5	6.4	5.8
SRX 2205	6.0	6.6	6.2	3.9	4.4	5.8	6.4	5.3	4.5	6.3	6.2	4.8	5.1	6.4	6.3	6.3	6.8	3.7	3.0	7.3	6.8	6.3	5.5	6.2	4.8	6.0	6.3	5.9	7.0	5.7
HAGA	6.1	6.3	4.8	4.3	4.8	6.2	5.3	7.3	5.2	6.9	5.8	6.1	5.2	6.6	6.1	5.4	6.7	5.8	3.5	7.1	5.8	5.7	3.8	6.6	4.8	6.9	4.9	5.5	6.4	5.7
BA 76-197	6.1	6.2	5.7	3.7	4.0	5.9	6.0	5.7	4.5	6.5	6.1	5.4	4.7	6.3	6.6	5.2	6.7	4.3	3.3	6.9	5.5	5.8	3.3	6.3	4.1	6.3	5.6	5.2	6.7	5.5
NIMBUS	6.3	6.0	5.5	3.8	3.5	5.7	5.8	5.8	4.3	7.2	5.7	4.8	4.6	6.3	6.2	5.8	6.5	4.3	2.5	7.3	5.8	5.5	4.0	6.5	4.2	5.9	5.2	5.5	6.2	5.4
KENBLUE	5.7	5.7	5.7	4.3	4.8	5.7	4.8	6.4	5.0	6.4	5.8	4.6	4.9	6.1	6.3	4.8	6.8	4.2	3.2	6.4	4.8	6.0	4.5	6.5	5.0	5.3	4.6	4.3	6.0	5.3
BAR VB 3115B	6.2	5.9	5.7	3.3	4.5	5.6	4.9	6.5	5.2	6.7	5.8	5.8	3.9	5.8	6.1	5.4	6.3	4.5	3.5	7.1	5.6	5.2	3.2	6.1	4.0	5.7	4.9	5.1	5.7	5.3
COMPACT	5.8	5.7	5.3	4.0	3.0	5.1	5.2	7.3	5.3	6.8	5.3	4.6	4.7	6.0	6.1	5.3	6.5	2.8	2.8	7.2	5.2	5.1	2.6	6.3	5.3	6.0	4.7	4.7	5.6	5.2
LSD VALUE	0.7	0.9	1.2	0.8	1.2	0.5	0.5	0.8	1.0	0.8	0.7	0.6	0.7	0.6	0.7	0.5	0.6	1.2	1.1	0.6	0.6	1.0	0.7	0.7	0.7	0.6	0.7	0.8	0.6	0.1
C.V. (%)	14.2	19.3	17.0	17.6	26.4	9.7	8.7	14.3	14.9	13.1	13.1	10.8	13.6	10.6	15.1	8.3	7.5	17.1	17.9	10.8	11.6	20.1	15.7	15.2	13.3	8.4	14.9	17.0	9.6	14.4

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

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

TABLE 21.

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

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

NAME	AB1	IA1	IA2	IL1	IN1	KS1	KY1	MA1	MI1	MN1	MO1	MO3	NE1	NE2	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BA 75-490	4.9	6.7	6.5	6.1	6.3	5.9	7.2	4.2	5.5	6.8	6.2	6.5	6.0	5.0	7.2	6.3	7.1	6.5	5.7	7.3	4.0	7.3	7.2	7.7	4.3	7.1	6.2
NJ 1190	4.9	7.0	6.2	7.7	5.5	6.2	6.8	5.1	5.5	6.4	5.9	6.1	6.8	5.3	5.9	7.3	7.4	5.9	5.2	5.3	3.0	6.3	7.8	7.0	5.3	5.9	6.1
BLACKSTONE (EST-638)	5.2	6.5	6.5	7.0	5.8	6.2	7.3	4.6	5.3	6.8	5.2	6.4	4.5	4.0	5.8	5.8	7.8	6.3	6.0	5.9	4.0	8.3	7.3	6.3	6.4	5.1	6.0
NJ-GD	4.6	6.8	5.7	6.9	5.9	6.7	6.8	5.2	4.9	6.1	5.4	6.1	5.7	5.0	5.6	4.8	7.6	6.2	6.2	6.4	4.3	7.0	7.7	6.3	5.7	6.0	6.0
JEFFERSON	4.4	5.8	5.8	6.2	6.0	6.8	7.5	4.7	5.7	6.3	4.8	6.3	5.3	4.3	6.0	5.8	7.6	6.1	4.8	6.3	4.0	7.3	7.7	7.3	5.4	6.2	5.9
SHAMROCK	5.0	6.9	6.3	6.7	6.2	6.4	7.0	4.8	5.0	6.5	5.3	6.3	5.7	4.3	4.8	5.3	7.5	6.0	5.2	6.1	4.3	7.0	8.0	5.7	6.1	5.9	5.9
CHAMPAGNE (LTP-621)	4.8	6.5	6.5	6.2	5.9	6.6	7.5	5.1	4.6	6.6	5.1	6.8	5.0	4.3	5.2	4.8	7.1	5.9	5.7	6.4	4.0	7.3	7.7	6.3	5.8	6.0	5.9
CLASSIC	4.7	6.3	6.0	5.9	5.7	6.6	7.5	5.2	5.5	6.5	5.2	6.5	4.7	4.7	6.7	5.7	7.5	5.8	5.7	5.8	3.7	6.0	7.3	7.0	5.6	6.2	5.9
ZPS-2183	5.0	6.5	6.0	6.3	5.0	6.8	6.3	4.7	5.2	5.9	5.8	6.0	4.8	4.3	5.8	7.5	7.6	6.1	5.2	5.4	3.3	6.7	8.5	6.7	6.4	5.0	5.9
BARONIE	4.9	6.5	4.8	5.7	5.7	6.4	7.3	5.2	4.9	6.6	5.2	6.5	4.7	5.7	6.2	6.2	7.5	5.9	5.5	5.1	4.0	6.0	7.5	7.0	5.8	5.9	5.9
DRAGON (ZPS-429)	5.1	6.4	5.7	6.4	5.8	6.0	7.7	4.7	4.8	6.2	5.3	6.8	5.7	4.7	4.9	5.3	7.3	5.7	4.8	4.7	4.3	7.0	7.3	6.3	6.1	6.3	5.8
VB 16015	5.3	6.2	6.3	6.1	5.7	6.2	7.7	4.8	4.8	5.8	5.7	7.0	5.2	4.7	3.9	5.5	7.6	5.8	6.0	6.0	4.0	5.7	7.0	6.3	6.7	5.3	5.8
CARDIFF	4.7	6.0	6.2	6.4	5.3	6.2	7.0	4.1	4.9	5.8	6.0	6.7	4.7	3.7	4.8	6.0	7.4	5.8	5.5	6.8	4.0	7.0	7.8	6.0	5.2	6.3	5.8
LIVINGSTON	4.8	6.3	5.2	6.3	5.6	6.0	7.8	4.9	5.0	6.2	5.0	5.8	4.5	4.7	5.3	6.2	7.2	5.7	5.7	5.6	4.0	6.7	7.7	6.7	5.7	4.6	5.7
H86-690	4.8	6.7	5.7	5.7	5.3	6.2	7.0	4.0	5.0	6.6	4.7	6.2	5.0	4.3	5.1	5.2	7.5	5.7	5.7	6.8	4.0	7.3	6.8	6.7	5.7	5.1	5.7
KENBLUE	4.8	6.5	6.3	6.2	5.3	6.2	7.2	3.0	5.3	6.8	5.4	6.8	4.3	4.7	5.2	6.7	7.1	5.8	4.5	8.6	3.0	7.0	6.8	5.7	3.3	5.4	5.7
HAGA	4.8	6.5	5.2	5.6	5.9	6.9	7.2	5.4	5.0	6.1	4.8	5.5	4.8	5.0	6.1	5.0	7.6	6.2	5.2	5.1	4.0	6.7	7.3	4.7	5.6	5.7	5.7
SR 2109	4.1	5.9	5.3	5.6	5.4	5.7	7.8	5.2	4.3	6.6	5.2	5.4	4.3	4.0	5.7	5.2	7.5	5.8	5.0	5.4	4.3	7.7	8.3	6.0	6.7	5.0	5.7
BARONETTE (BA 81-058)	4.9	6.3	5.7	6.3	5.7	6.2	7.7	4.7	4.4	6.2	5.2	5.8	4.7	4.0	5.4	5.5	7.3	6.1	5.2	5.1	4.0	6.7	7.2	5.0	6.6	5.2	5.7
SR 2000	5.0	6.4	5.5	6.4	5.2	5.9	6.8	5.8	4.0	6.2	4.9	5.8	5.3	5.0	5.0	4.0	7.5	5.5	6.0	4.3	4.0	6.7	7.5	6.0	7.0	4.7	5.6
LTP-620	4.6	6.2	5.7	6.6	5.2	5.8	7.0	4.3	4.8	6.0	5.1	6.3	5.0	3.3	4.8	5.2	7.1	6.1	6.0	6.2	4.0	6.7	6.7	6.0	5.6	5.9	5.6
NIMBUS	4.8	5.8	5.5	5.6	5.7	6.2	7.5	4.7	4.5	5.2	4.9	5.5	4.3	5.0	4.9	5.7	7.4	5.8	5.0	5.9	4.3	7.7	7.8	5.3	5.9	4.7	5.6
CALIBER	4.6	6.7	4.7	5.9	5.6	6.2	6.8	4.4	4.8	5.7	5.0	5.8	5.3	4.3	6.1	5.7	7.3	6.3	4.5	5.4	4.0	6.0	7.8	5.7	5.4	4.9	5.6
A88-744	4.7	6.7	6.2	6.6	5.7	6.4	7.7	4.9	4.6	6.5	5.1	5.7	4.8	3.7	4.3	3.7	7.5	5.6	4.7	4.8	4.0	6.7	6.3	5.7	6.8	5.8	5.6
MISTY (BA 76-372)	5.0	5.7	6.3	6.2	5.6	5.6	7.7	4.8	4.6	5.9	5.2	5.3	4.8	4.3	4.0	5.0	7.2	6.0	4.5	5.0	4.0	7.0	7.8	6.3	5.8	5.2	5.6
ABSOLUTE (MED-1497)	4.8	6.0	5.3	5.9	5.3	5.7	6.8	4.2	4.2	5.8	5.2	6.1	5.5	5.3	4.1	3.3	7.8	5.4	5.3	4.5	4.0	7.0	7.3	5.7	7.6	4.8	5.5
ZPS-309	4.9	5.6	5.2	6.0	5.2	5.7	6.0	4.9	4.2	5.7	5.3	5.9	4.7	5.0	5.0	5.5	7.4	6.3	4.8	5.1	4.0	6.3	7.8	5.7	6.1	4.8	5.5
CHALLENGER	4.6	6.2	5.5	5.3	5.5	5.8	7.3	4.8	4.0	6.1	5.2	5.4	4.8	4.0	5.2	5.8	7.8	5.9	5.0	5.5	3.7	6.0	7.3	5.7	5.7	4.8	5.5
BARIRIS (BAR VB 5649)	4.8	5.8	4.5	5.6	5.3	6.0	6.3	4.3	3.8	5.4	4.9	6.2	5.2	4.7	5.2	6.0	7.2	6.3	5.0	4.5	4.0	6.0	7.7	6.7	6.4	4.4	5.5
SIDEKICK	4.3	6.4	6.0	5.0	5.5	5.3	7.7	3.8	4.4	5.9	5.3	5.6	4.2	4.3	5.3	4.7	7.5	5.8	5.2	4.8	4.0	6.7	6.8	6.0	6.1	5.4	5.5
ECLIPSE	4.6	5.9	5.2	5.6	5.3	6.1	7.7	4.1	4.3	5.8	5.1	5.3	4.7	4.3	5.7	4.8	7.7	6.2	4.7	5.2	3.7	6.3	7.5	5.7	5.9	4.4	5.4
RAMBO (J-2579)	4.7	5.7	5.0	5.7	5.0	5.7	7.2	4.7	4.3	5.5	5.2	5.4	5.0	5.0	4.6	4.7	7.4	5.8	4.5	5.1	4.0	6.0	7.7	5.7	6.6	5.4	5.4
MOONLIGHT (PST-A418)	4.9	6.1	6.5	6.0	4.5	5.4	8.0	5.7	3.8	5.7	4.8	6.3	4.7	4.0	4.2	3.5	7.8	5.8	5.7	3.2	4.0	6.7	6.5	6.0	7.7	4.0	5.4
ALLURE	4.8	6.3	5.7	6.0	5.3	6.2	6.8	4.3	4.8	5.7	4.6	5.8	5.3	5.0	4.3	3.7	7.6	5.4	5.3	5.0	3.7	6.0	6.8	6.0	5.9	4.8	5.4
BARITONE (BAR VB 233)	4.4	5.8	5.8	5.4	5.1	5.9	6.0	4.1	4.4	5.3	4.9	6.7	5.7	4.7	5.2	5.0	7.3	6.3	4.5	4.8	4.0	5.7	7.8	5.0	6.8	4.2	5.4
PICK 8	4.7	6.1	5.5	5.9	5.4	5.7	7.7	4.2	4.4	5.3	4.9	5.3	5.0	3.3	4.9	4.3	7.4	6.3	4.5	4.8	4.0	7.3	8.0	5.0	6.2	4.3	5.4
NJ-54	4.6	6.2	5.8	5.7	5.4	5.9	7.7	4.0	4.5	5.4	5.3	5.6	4.2	4.0	5.2	4.5	7.5	5.6	4.5	5.4	3.7	7.0	6.8	5.3	5.8	4.9	5.4
LKB-95	4.4	5.9	5.3	5.9	4.9	6.3	7.0	5.7	4.3	6.2	4.4	5.4	4.0	3.3	4.4	4.3	7.4	5.8	4.2	5.8	3.3	7.0	7.0	6.3	6.2	5.0	5.4
LIMOUSINE	5.0	5.6	4.2	6.2	5.1	6.3	7.0	4.7	3.8	5.8	5.2	5.3	4.5	4.3	4.8	5.0	7.4	5.0	4.3	4.6	4.3	6.3	8.0	6.3	5.4	5.3	5.4
AMERICA	4.8	6.2	4.3	5.3	5.8	5.9	7.3	4.2	4.4	6.5	4.4	6.4	4.8	4.0	5.1	4.2	7.8	6.1	3.7	4.5	3.7	6.3	6.2	6.0	6.6	5.2	5.4
BLACKSBURG	4.8	5.9	4.8	5.8	4.9	6.3	6.8	4.8	4.3	5.3	4.8	5.6	4.8	4.0	5.0	5.3	7.6	5.6	4.7	4.3	4.0	7.0	7.2	4.7	7.0	4.4	5.4
BRILLIANT (PST-B2-42)	4.7	6.5	5.0	5.2	5.2	6.6	7.5	4.1	4.3	6.2	4.8	6.1	4.8	3.3	4.1	4.7	7.8	5.7	4.3	4.1	3.7	6.0	6.7	6.0	6.9	5.4	5.4
SHOWCASE (PST-BO-141)	4.9	6.2	4.7	5.4	5.1	6.1	7.7	4.3	3.9	6.5	4.6	5.8	4.7	3.0	4.7	4.7	7.6	5.5	5.3	3.7	4.0	5.7	6.3	6.0	6.8	5.8	5.3
UNIQUE	5.1	6.3	4.2	5.2	5.0	5.7	7.3	3.8	3.9	6.1	4.6	6.9	4.7	3.3	4.9	4.7	7.9	5.8	4.3	4.3	3.7	6.7	6.3	6.3	6.6	5.3	5.3

TABLE 21. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	AB1	IA1	IA2	IL1	IN1	KS1	KY1	MA1	MI1	MN1	MO1	MO3	NE1	NE2	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
COVENTRY	4.9	6.6	6.3	4.9	5.3	5.9	7.0	4.8	4.3	5.9	4.9	5.4	5.8	5.0	3.8	2.7	7.3	5.5	5.0	4.9	4.0	5.7	6.8	5.7	5.9	4.7	5.3
BA 75-163	4.7	6.1	6.0	5.8	5.1	6.2	7.5	4.7	4.6	5.8	4.1	6.0	4.7	3.0	3.9	4.5	8.0	5.7	5.7	4.9	3.7	5.3	6.7	4.3	7.1	4.3	5.3
CHATEAU	4.7	6.2	5.5	4.9	5.3	6.3	6.8	4.3	4.8	5.4	4.4	6.0	6.2	5.3	3.7	3.2	7.5	5.7	5.2	4.1	4.0	5.7	6.3	5.7	5.8	5.3	5.3
HV 242	4.2	5.7	5.3	5.9	5.0	6.2	6.0	4.0	4.2	5.1	5.8	5.7	5.5	4.0	4.8	5.2	7.1	6.2	4.7	5.3	3.7	5.0	8.0	5.7	5.6	4.7	5.3
BAR VB 3115B	4.6	5.8	5.8	5.4	4.9	6.1	7.0	4.3	4.1	5.6	5.1	5.3	5.0	4.7	4.9	4.3	7.4	5.8	4.8	4.7	3.7	6.7	6.8	6.0	5.2	4.1	5.3
JEWEL (BA 81-227)	4.9	5.9	5.8	4.9	5.3	6.1	7.2	3.8	4.7	5.7	4.9	5.4	4.8	4.7	4.8	3.2	7.4	5.6	5.7	4.8	4.0	6.0	6.3	5.0	5.9	5.3	5.3
APOLLO (PST-B3-180)	4.3	5.9	4.7	5.6	5.0	6.8	7.5	3.9	3.9	6.4	4.6	5.8	4.3	3.3	4.2	4.3	8.1	5.8	4.5	4.3	3.7	6.7	6.5	5.3	6.6	5.6	5.3
CHICAGO (J-2582)	4.7	5.7	5.2	5.7	5.1	5.9	7.0	4.8	4.6	5.5	4.9	5.3	5.0	4.3	4.3	3.8	7.5	5.6	4.7	5.4	4.0	6.0	6.5	5.3	6.0	4.6	5.3
PICK-855	4.2	5.9	5.0	6.9	5.5	6.0	7.7	4.6	3.9	5.8	5.0	5.9	3.8	3.7	5.0	5.3	7.5	5.8	3.5	5.0	2.3	6.3	7.2	5.7	5.3	3.8	5.3
J-1555	4.6	6.3	5.3	5.6	4.8	5.8	7.3	4.4	4.0	5.6	4.7	5.4	5.0	4.0	3.9	4.0	7.6	5.2	4.7	5.1	4.0	6.7	6.8	5.3	5.4	5.2	5.3
GLADE	4.4	5.9	5.8	5.2	4.8	6.1	7.3	4.3	4.2	5.0	5.0	5.1	4.7	4.7	3.7	3.5	7.7	5.9	5.2	4.9	3.3	6.7	7.0	5.7	6.3	4.2	5.3
PLATINI	4.3	5.7	4.5	4.8	4.8	5.9	6.5	4.4	4.3	5.1	5.2	5.5	5.3	4.0	5.3	4.5	7.3	5.9	4.3	4.2	4.0	5.3	8.0	6.3	6.4	4.1	5.2
BA 70-060	4.9	5.6	5.5	5.3	5.4	5.6	7.3	4.3	4.4	5.4	4.1	5.1	3.8	3.7	4.0	3.7	7.4	5.4	5.8	4.6	4.0	7.0	6.8	5.3	6.2	4.8	5.2
PST-BO-165	4.7	6.4	6.0	5.2	5.3	6.1	6.8	4.1	4.4	5.3	4.8	5.4	5.7	4.3	4.1	3.5	7.2	5.4	4.8	5.2	3.7	5.7	5.8	4.7	5.9	4.7	5.2
MARQUIS	4.8	5.9	5.2	5.6	4.8	5.9	6.8	4.2	4.8	5.5	4.6	5.2	3.5	4.0	3.9	3.7	7.5	5.4	5.7	4.6	3.7	6.7	6.5	5.0	6.8	5.1	5.2
LIPOA	4.4	5.3	5.5	5.8	5.0	6.1	7.0	2.9	4.3	5.0	6.4	5.5	4.3	4.0	3.7	4.0	7.4	6.3	3.7	4.9	3.0	6.0	7.8	5.7	5.9	5.0	5.2
EXPLORER (PICK-3561)	5.1	5.8	4.3	5.6	5.0	5.6	7.2	4.2	4.3	5.0	5.1	5.2	4.7	4.0	4.0	3.7	7.6	5.8	4.5	4.6	4.0	6.3	6.8	5.3	6.6	4.6	5.2
BA 81-220	5.2	5.8	5.5	5.0	5.0	4.9	7.7	4.0	4.3	5.3	4.2	5.3	4.3	4.3	4.1	3.3	7.5	5.3	5.7	4.6	3.7	6.7	6.7	4.7	6.4	4.8	5.2
SR 2100	4.9	6.1	5.0	5.3	4.8	5.9	6.5	5.2	4.0	5.4	4.7	5.6	5.0	3.7	3.1	3.5	7.4	5.3	5.7	4.3	4.0	5.7	7.2	6.0	6.2	4.0	5.2
BA 81-270	4.6	6.1	5.2	4.8	5.3	6.0	7.0	3.9	4.4	5.5	4.3	6.0	6.0	5.0	3.7	3.3	7.4	5.6	4.8	3.3	4.0	6.0	6.2	5.3	6.6	4.2	5.2
WILDWOOD	5.0	5.4	4.7	5.0	5.1	6.2	7.3	4.9	4.2	5.8	4.6	5.8	4.0	5.3	3.7	2.8	7.8	5.5	4.0	3.9	3.7	6.7	6.7	4.7	7.3	4.2	5.2
BA 81-113	4.8	5.9	5.5	5.4	4.9	6.0	7.3	4.1	4.9	5.5	4.6	5.3	4.0	3.3	3.6	3.7	7.6	5.1	5.8	4.4	3.7	6.7	6.5	4.3	6.0	5.0	5.1
SERENE (PST-A7-245A)	4.8	5.9	6.0	5.3	5.0	6.0	6.8	4.3	4.2	5.2	5.1	5.3	5.7	4.7	3.8	3.3	7.2	5.2	5.3	3.8	4.0	5.0	6.2	5.3	5.7	4.6	5.1
ADVOCATE (HV 130)	5.0	5.4	5.3	5.9	4.8	5.7	7.2	4.7	4.0	5.5	4.1	5.6	3.7	4.0	3.1	3.0	7.6	5.3	4.8	4.1	4.0	7.3	7.3	5.0	6.8	4.2	5.1
ABBEY	5.1	6.3	5.2	5.2	5.0	5.7	7.2	4.4	4.2	5.6	4.4	5.3	4.5	3.7	3.7	3.3	7.4	5.3	5.5	4.3	4.0	6.0	6.7	5.3	6.1	4.1	5.1
PST-P46	4.9	5.5	4.8	5.2	5.1	5.9	7.5	4.7	3.9	5.8	4.6	6.7	3.8	4.7	3.2	2.8	7.7	5.3	4.5	3.6	4.0	6.7	6.3	5.0	7.0	4.0	5.1
BLUECHIP (MED-1991)	4.7	6.1	5.3	5.3	4.8	5.6	7.5	4.0	4.5	5.3	4.3	5.1	4.0	3.7	3.7	3.3	7.3	5.2	6.0	4.4	3.7	6.7	6.5	5.0	6.6	4.2	5.1
PRINCETON 105	4.4	6.0	5.0	5.0	4.8	6.3	7.5	4.7	3.7	6.1	4.4	5.2	5.2	3.7	4.1	2.5	7.6	5.4	4.0	4.5	3.7	7.0	6.8	4.7	5.7	4.4	5.1
BARTITIA	5.0	5.5	5.2	5.0	5.1	5.3	6.0	3.8	4.0	5.4	5.0	5.8	4.7	4.7	3.2	3.7	7.5	5.5	4.5	4.8	4.0	5.3	6.8	4.7	7.0	4.8	5.1
NUSTAR	4.6	5.8	5.2	4.8	4.3	6.2	7.0	4.4	4.1	5.6	4.4	5.4	4.3	3.8	3.3	3.3	7.2	5.8	4.8	4.8	3.3	6.0	6.3	4.3	6.3	5.3	5.1
FORTUNA	4.2	5.6	5.8	5.1	5.1	5.9	7.2	3.7	4.6	5.7	4.4	5.5	4.0	3.3	4.1	3.2	7.5	5.5	4.7	4.9	3.7	5.7	6.7	4.7	6.9	4.3	5.1
SODNET	5.0	6.3	5.3	5.6	4.7	4.7	6.8	3.8	4.4	5.3	4.8	5.8	3.7	3.3	2.9	4.3	7.6	5.5	4.8	4.2	4.0	6.3	6.2	5.7	6.9	4.0	5.1
ENVICTA (BA 75-173)	4.8	5.8	4.8	5.0	5.1	5.8	7.3	3.8	4.8	5.3	4.0	5.7	4.5	4.0	3.7	3.2	7.3	5.5	5.3	4.1	4.0	6.7	6.3	4.7	6.3	3.7	5.1
RAVEN	4.6	5.7	5.3	5.4	4.8	5.6	7.2	3.9	4.6	5.7	4.2	5.2	4.0	4.0	3.6	2.8	7.5	5.8	5.5	4.4	4.0	6.7	6.0	4.7	6.3	3.9	5.0
ARCADIA (J-1936)	4.4	5.8	5.2	5.4	4.5	5.8	7.2	4.1	3.9	5.2	4.9	5.3	5.7	4.3	3.8	2.8	7.4	5.4	4.5	4.7	3.7	6.3	6.2	4.3	6.6	3.9	5.0
COMPACT	3.9	5.4	5.2	5.2	5.0	6.2	7.2	4.2	4.1	4.9	4.7	5.0	4.5	4.7	4.3	4.2	6.7	5.8	4.8	4.8	3.3	6.0	7.0	5.0	3.9	5.2	5.0
QUANTUM LEAP (J-1567)	4.8	5.6	5.0	5.3	4.5	5.3	7.2	4.8	4.1	5.0	5.0	5.4	4.8	4.3	3.3	2.8	7.5	5.4	4.2	4.0	4.0	5.7	6.3	5.7	6.9	3.7	5.0
BA 73-373	4.9	6.0	4.8	5.2	5.0	5.4	7.5	3.9	4.3	5.5	4.2	5.3	4.0	4.0	3.8	3.5	7.4	5.8	5.3	4.5	4.0	5.0	6.2	4.0	6.2	4.1	5.0
BA 77-702	4.4	5.5	4.8	5.1	4.7	5.9	7.3	4.0	4.4	5.2	4.2	5.3	3.8	4.0	3.2	3.2	7.3	5.7	5.2	3.8	3.7	6.0	6.2	5.7	6.4	4.2	5.0
MED-1580	4.7	6.0	5.7	5.8	4.5	6.1	6.5	3.8	3.8	5.1	4.1	5.2	4.2	4.0	3.4	3.3	7.6	5.5	3.7	4.9	3.0	6.7	6.2	5.0	6.3	3.8	5.0
NUGLADE	5.0	5.8	5.2	4.7	4.1	5.1	7.3	4.3	3.5	5.3	4.2	5.9	4.5	5.0	2.9	2.0	8.0	5.5	4.2	4.3	3.7	6.3	6.0	4.7	7.6	3.4	4.9
LIBERATOR (ZES-2572)	4.9	5.8	5.2	5.2	4.3	5.2	7.2	4.2	3.7	4.8	3.9	5.6	4.7	4.3	3.0	2.3	7.8	5.0	4.5	4.1	4.3	6.0	5.5	5.7	7.6	3.3	4.9
BARUZO	4.3	5.8	4.8	5.4	4.3	5.0	6.3	3.6	4.0	4.6	5.1	5.8	4.0	5.0	2.4	3.0	7.3	5.7	5.2	4.9	3.0	6.0	6.8	4.7	6.4	4.0	4.9
BARON	4.8	6.1	5.2	5.0	4.8	6.0	7.3	4.7	4.3	5.3	4.3	4.8	3.5	3.7	3.1	2.7	7.7	5.4	4.0	3.9	3.7	5.7	6.2	5.0	6.3	4.0	4.9
IMPACT (J-1576)	4.4	5.9	5.2	5.2	4.3	5.1	7.5	4.1	3.8	4.9	4.6	5.3	4.7	4.0	2.9	2.3	7.8	5.3	4.2	4.5	4.0	5.7	5.8	4.7	7.3	3.8	4.9

TABLE 21. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	AB1	IA1	IA2	IL1	IN1	KS1	KY1	MA1	MI1	MN1	MO1	MO3	NE1	NE2	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
SEABRING (BA 79-260)	4.2	5.8	3.8	4.1	4.3	5.4	7.2	5.3	3.9	5.5	4.3	5.9	4.7	4.3	2.9	3.2	7.9	5.2	4.2	2.2	4.0	6.3	6.5	4.7	7.4	3.8	4.9
GOLDRUSH (BA 87-102)	4.8	5.5	5.3	4.3	4.1	5.7	6.8	3.9	4.3	4.9	4.3	5.3	4.5	3.3	3.3	3.3	7.6	5.1	5.0	4.2	4.0	6.3	6.2	4.3	6.8	3.4	4.9
AWARD	4.7	6.0	5.2	5.1	4.0	5.3	7.3	4.7	3.7	4.8	3.9	5.6	5.0	4.0	2.8	2.3	7.8	4.9	4.0	3.7	4.0	6.0	6.2	4.7	7.3	3.4	4.9
RUGBY II (MED-18)	4.6	5.6	4.8	5.1	4.3	5.0	7.2	4.7	4.0	5.1	4.1	5.2	5.2	3.7	2.8	2.2	8.0	5.1	4.2	4.3	4.0	6.0	5.5	4.0	7.6	4.0	4.8
TOTAL ECLIPSE (TCR-1738)	4.9	5.6	5.3	4.9	4.0	5.6	7.2	4.8	3.2	5.1	4.3	5.5	5.2	3.3	2.8	2.0	8.0	5.3	4.0	4.0	3.7	5.3	5.8	5.3	7.7	3.1	4.8
ODYSSEY (J-1561)	4.7	5.6	5.0	4.8	4.3	5.9	7.5	4.3	3.6	4.8	4.7	5.8	4.3	3.7	3.0	2.3	7.8	5.2	3.5	4.0	3.7	6.0	6.0	4.7	7.2	3.1	4.8
CONNI	4.3	5.1	4.0	4.3	5.0	5.7	7.5	4.7	3.3	4.6	3.8	5.1	4.2	4.3	3.0	3.0	7.3	5.4	3.3	3.8	4.0	7.0	5.7	5.3	6.4	4.1	4.8
BA 76-197	4.4	5.7	5.5	5.0	4.8	5.3	6.7	4.0	4.4	4.8	4.2	4.5	3.7	3.0	3.2	3.7	6.9	5.2	4.8	4.6	3.7	4.0	6.8	4.7	5.7	4.8	4.8
MIDNIGHT	4.9	5.9	4.8	4.8	3.9	5.1	7.2	4.1	3.7	5.1	3.9	5.4	4.2	3.7	2.9	1.8	8.1	5.3	4.0	4.4	4.0	5.0	5.8	5.3	7.6	3.0	4.8
SRX 2205	4.0	5.7	5.5	5.6	4.3	5.2	7.2	4.0	4.0	4.8	4.7	5.1	3.8	3.3	3.3	2.7	7.4	5.5	3.3	4.7	2.0	6.3	6.3	5.0	6.6	3.6	4.8
ASCOT	4.7	5.7	4.5	5.1	3.9	5.1	6.2	4.0	3.6	4.8	5.0	5.8	4.5	3.3	2.9	2.3	7.1	4.9	3.8	2.3	4.0	5.7	6.0	5.0	7.0	3.7	4.6
BAR VB 6820	3.9	5.4	4.7	4.7	4.1	4.3	6.7	3.3	4.2	4.2	4.4	5.4	4.0	3.7	2.6	2.7	7.6	5.3	3.2	3.1	3.3	5.0	5.8	5.0	6.3	3.2	4.5
NORTH STAR (EST-A7-60)	4.3	4.9	4.0	3.8	3.7	4.9	6.8	3.4	3.3	4.4	3.8	4.5	3.7	4.3	2.7	1.8	7.5	5.3	2.7	2.3	4.0	6.7	6.3	4.3	7.2	2.6	4.4
PEPAYA (DP 37-192)	4.0	5.1	4.5	4.0	3.9	5.0	6.7	3.4	3.9	4.1	4.4	4.9	4.0	4.0	2.1	1.7	7.1	5.2	2.7	2.8	3.0	6.0	5.8	4.3	6.9	3.2	4.3
LSD VALUE	0.8	0.7	1.2	1.0	0.8	0.8	1.5	1.0	1.0	0.7	1.0	1.0	2.4	1.3	1.0	1.5	0.6	0.8	3.2	0.9	0.6	1.0	0.7	1.4	0.8	0.9	0.2
C.V. (%)	19.4	15.3	20.1	18.6	19.5	14.4	18.3	23.3	28.5	14.7	22.0	21.5	44.2	19.1	24.5	31.6	9.9	18.3	58.4	24.7	10.6	10.2	9.2	15.6	13.0	20.3	21.3

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 22. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	AB1	IA1	IA2	IL1	IL2	IN1	KS1	KY1	ME1	MI1	MN1	MO1	MO3	NC1	NE1	NE2	NJ1	NJ2	OH1	OK1	ON1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
JEWEL (BA 81-227)	6.9	6.3	5.5	4.3	4.5	5.6	6.7	5.9	4.8	5.7	5.6	5.0	5.6	6.9	5.8	5.0	3.3	4.4	5.0	7.0	4.9	5.3	6.6	5.7	5.3	6.0	6.1	4.9	5.5
BA 77-702	6.6	6.5	5.7	4.8	4.1	5.5	6.0	6.1	4.2	5.7	5.9	5.0	5.3	6.9	5.8	5.0	4.2	3.2	4.9	6.9	5.2	5.2	6.5	5.7	5.9	6.0	6.0	5.3	5.5
ENVICTA (BA 75-173)	6.7	6.5	5.7	4.5	3.6	5.4	7.3	5.3	4.3	5.9	5.8	5.2	5.5	6.8	6.1	5.2	4.5	2.3	4.8	7.1	5.3	5.1	6.3	6.2	5.7	5.5	6.1	5.2	5.5
BA 70-060	6.8	6.6	5.8	4.3	3.2	5.3	6.3	5.8	4.3	5.8	5.8	5.4	5.5	6.7	5.8	5.0	4.3	3.1	4.8	7.2	4.3	5.3	6.7	5.9	5.9	6.0	6.2	5.4	5.5
COVENTRY	6.8	6.1	5.0	4.8	3.5	5.9	5.3	5.9	5.3	5.9	5.6	5.0	5.5	6.6	5.7	5.0	3.7	3.8	5.3	6.8	4.9	5.9	6.4	5.9	5.8	5.8	6.2	4.8	5.5
RAVEN	6.8	6.7	5.7	4.5	3.6	5.3	6.0	5.6	5.0	5.8	5.8	5.1	5.2	6.9	5.9	4.7	4.2	3.0	5.2	6.9	4.3	5.3	6.5	5.8	6.1	5.5	6.0	5.2	5.4
CHATEAU	7.3	6.3	5.3	4.5	3.4	5.8	5.3	5.3	4.8	6.1	5.7	5.1	5.1	6.5	5.7	5.2	3.8	3.7	5.3	7.1	4.6	5.7	6.5	5.7	6.0	6.0	5.8	4.8	5.4
BA 81-220	6.3	6.8	5.7	4.5	3.8	5.3	6.0	5.6	4.5	6.0	5.9	5.3	5.8	6.7	5.8	4.7	3.7	3.0	4.9	7.1	5.0	5.2	6.5	5.7	5.2	5.8	6.1	5.3	5.4
BA 81-270	6.9	6.3	5.2	4.2	4.1	6.1	5.0	5.8	4.8	5.8	5.7	5.3	5.2	6.7	5.7	5.0	4.3	4.3	5.0	7.0	4.3	5.4	6.3	5.5	5.7	6.0	5.9	4.7	5.4
BA 81-113	6.8	7.0	5.8	4.2	3.6	5.2	6.0	5.8	4.3	5.8	5.8	4.9	5.6	7.1	5.2	5.2	2.7	2.7	5.0	7.0	4.3	4.9	6.4	5.8	5.8	5.7	5.9	5.5	5.3
MISTY (BA 76-372)	6.3	6.3	6.0	4.3	3.4	5.1	5.7	5.6	4.8	5.6	5.9	5.1	4.8	6.6	5.9	5.3	3.7	3.7	4.7	6.9	4.3	5.0	6.2	5.8	5.4	5.7	5.7	5.3	5.3
SR 2100	6.8	6.1	5.3	4.5	4.0	4.8	5.3	4.9	4.3	5.5	5.8	4.9	5.2	6.1	5.9	5.0	4.0	2.8	5.3	6.9	4.6	5.8	6.4	5.7	5.4	5.7	5.9	4.8	5.3
SR 2000	6.9	6.3	5.3	4.3	4.8	4.7	4.7	6.9	4.7	5.8	5.7	4.3	5.4	6.1	5.6	5.0	3.0	2.8	4.9	7.0	4.8	4.3	6.3	5.6	5.8	5.7	6.2	4.6	5.3
SIDEKICK	6.6	6.7	5.0	3.7	2.7	4.4	5.3	5.7	4.0	5.7	5.3	4.6	5.4	6.5	5.4	5.2	2.2	2.8	4.5	6.7	4.2	3.6	6.3	5.3	5.2	5.3	5.8	4.5	4.9
LSD VALUE	0.5	1.0	0.6	1.0	1.2	0.6	1.1	1.1	0.8	0.9	0.4	0.6	0.9	0.8	2.4	2.8	1.6	0.8	0.6	0.6	1.3	0.6	0.6	0.5	0.5	0.6	0.7	0.5	0.2
C.V. (%)	7.7	19.8	8.8	16.0	28.7	11.9	11.3	18.6	11.9	20.2	7.9	11.4	17.9	15.0	41.8	50.0	26.9	20.3	14.2	10.1	25.7	10.8	13.2	9.8	8.5	8.4	12.4	10.7	18.0

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

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

TABLE 23.

WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/ 3/

NAME	IA2	NAME	IA2	NAME	IA2
BAR VB 3115B	7.5	SHAMROCK	5.2	PST-BO-165	4.2
SERENE (PST-A7-245A)	7.2	SHOWCASE (PST-BO-141)	5.2	SR 2100	4.2
BA 81-270	6.8	VB 16015	5.2	BA 81-113	4.0
COVENTRY	6.8	A88-744	5.0	BARTITIA	4.0
CHATEAU	6.3	BARON	5.0	BLACKSBURG	4.0
LKB-95	6.3	HAGA	5.0	DRAGON (ZPS-429)	4.0
SIDEKICK	6.3	JEFFERSON	5.0	ABSOLUTE (MED-1497)	3.8
BLUECHIP (MED-1991)	6.2	LTP-620	5.0	HV 242	3.8
KENBLUE	6.2	MISTY (BA 76-372)	5.0	ZPS-2183	3.7
RUGBY II (MED-18)	6.2	MOONLIGHT (PST-A418)	5.0	SR 2000	3.5
AMERICA	6.0	NORTH STAR (PST-A7-60)	5.0	BARITONE (BAR VB 233)	3.0
CHAMPAGNE (LTP-621)	6.0	QUANTUM LEAP (J-1567)	5.0	PLATINI	3.0
NJ 1190	6.0	RAVEN	5.0	BARIRIS (BAR VB 5649)	2.8
UNIQUE	6.0	SR 2109	5.0	PEPAYA (DP 37-192)	2.2
BA 70-060	5.8	ABBEY	4.8	ZPS-309	1.3
BA 75-490	5.8	ARCADIA (J-1936)	4.8		
CHICAGO (J-2582)	5.8	ASCOT	4.8	LSD VALUE	1.3
CLASSIC	5.8	BA 75-163	4.8	C.V. (%)	22.2
PRINCETON 105	5.8	CALIBER	4.8		
ENVICTA (BA 75-173)	5.7	CHALLENGER	4.8		
JEWEL (BA 81-227)	5.7	CONNI	4.8		
LIMOUSINE	5.7	EXPLORER (PICK-3561)	4.8		
ODYSSEY (J-1561)	5.7	FORTUNA	4.8		
ALLURE	5.5	SODNET	4.8		
AWARD	5.5	BA 73-373	4.7		
BRILLIANT (PST-B2-42)	5.5	BA 76-197	4.7		
GLADE	5.5	BA 81-220	4.7		
NIMBUS	5.5	BARONETTE (BA 81-058)	4.7		
RAMBO (J-2579)	5.5	BARUZO	4.7		
ADVOCATE (HV 130)	5.3	ECLIPSE	4.7		
BA 77-702	5.3	LIBERATOR (ZPS-2572)	4.7		
CARDIFF	5.3	MARQUIS	4.7		
NUSTAR	5.3	NJ-54	4.7		
SEABRING (BA 79-260)	5.3	NJ-GD	4.7		
TOTAL ECLIPSE (TCR-1738)	5.3	PICK 8	4.7		
WILDWOOD	5.3	GOLDRUSH (BA 87-102)	4.5		
AFOLLO (PST-B3-180)	5.2	IMPACT (J-1576)	4.5		
BARONIE	5.2	BAR VB 6820	4.3		
COMPACT	5.2	J-1555	4.3		
MED-1580	5.2	LIVINGSTON	4.3		
MIDNIGHT	5.2	SRX 2205	4.3		
NUGLADE	5.2	BLACKSTONE (PST-638)	4.2		
PICK-855	5.2	H86-690	4.2		
PST-P46	5.2	LIPOA	4.2		

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

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

3/ WEAR TOLERANCE RATED IN 1998 AND 1999.

TABLE 24.

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

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

NAME	AB1	IL1	IL2	IN1	KS1	KY1	MA1	MD2	MI1	MN1	MO1	MO3	NC1	NJ1	NJ2	OH1	OK1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BARONIE	4.7	6.0	6.3	5.3	7.7	8.3	6.3	5.3	6.0	7.3	7.0	7.7	8.0	8.0	7.7	6.7	6.3	6.7	3.3	7.0	7.7	5.3	7.0	6.3	6.6
KENBLUE	5.0	6.3	5.3	4.7	7.7	9.0	5.7	4.7	5.3	8.0	7.0	7.3	7.3	8.3	8.7	5.7	6.7	7.7	1.7	7.0	8.0	4.7	5.0	6.7	6.4
HAGA	3.3	6.0	7.0	5.7	7.7	9.0	7.7	6.0	5.7	7.3	5.3	5.0	7.7	8.0	7.7	6.7	5.7	6.0	2.7	6.3	7.7	5.0	6.7	6.7	6.3
NIMBUS	4.7	5.7	6.3	6.0	7.0	7.3	5.0	6.0	5.3	7.0	5.3	6.3	7.3	7.7	6.3	7.0	5.3	7.0	2.0	6.0	7.7	5.0	6.3	5.7	6.1
JEFFERSON	3.7	6.0	5.0	5.0	7.3	8.3	6.0	6.0	5.3	6.3	6.7	6.3	7.3	7.3	7.0	5.7	4.3	4.7	3.7	6.0	8.3	4.3	5.3	6.0	5.9
LKB-95	3.7	4.7	6.7	3.7	6.7	8.0	5.7	5.3	6.0	6.3	6.3	5.7	7.3	6.7	6.3	5.3	5.3	5.3	2.7	6.3	7.7	6.0	5.3	6.0	5.8
CLASSIC	3.0	5.3	1.0	5.7	7.3	7.7	5.3	5.7	5.3	6.7	6.0	6.7	7.3	7.0	6.3	6.7	4.7	4.0	2.7	6.0	7.0	5.7	7.3	6.3	5.7
BARITONE (BAR VB 233)	3.7	5.3	5.0	5.0	6.3	7.0	5.3	4.7	5.0	6.7	6.0	6.0	7.3	8.0	7.0	4.0	5.0	4.7	2.7	6.0	7.0	5.0	6.3	5.7	5.6
AMERICA	3.7	5.7	4.3	6.0	6.3	6.7	5.7	6.3	4.3	5.7	5.3	5.7	6.7	7.3	5.0	6.0	5.0	5.3	2.3	6.3	6.7	6.0	5.3	6.0	5.6
BARTITIA	3.7	5.7	4.7	4.7	7.0	6.3	5.7	6.0	4.0	6.3	6.7	4.7	7.0	6.3	5.3	6.3	4.7	5.3	2.3	6.0	7.3	5.3	5.3	6.3	5.5
CALIBER	4.3	4.0	5.3	5.3	6.7	7.3	4.3	5.3	4.7	6.0	5.3	5.7	7.3	7.0	6.3	6.7	4.0	3.0	3.0	5.7	7.7	5.7	6.0	6.0	5.5
CHAMPAGNE (LTP-621)	4.7	4.3	5.7	4.7	7.3	7.3	4.3	6.0	4.7	6.0	6.0	6.0	6.7	6.0	5.7	4.3	5.0	3.3	3.0	6.7	7.7	4.7	6.0	6.3	5.5
LIVINGSTON	3.7	4.0	4.7	4.3	6.3	7.3	4.7	6.3	4.0	5.7	6.7	6.7	6.7	6.7	5.7	6.0	4.3	3.3	2.3	5.7	7.7	4.7	5.7	6.3	5.4
SR 2100	3.0	6.3	5.3	4.0	7.0	7.7	5.3	5.0	4.7	5.0	6.0	5.0	6.7	7.0	6.7	4.0	4.3	4.3	2.7	6.0	8.0	4.7	5.0	5.7	5.4
WILDWOOD	3.7	5.3	4.7	5.0	7.0	7.0	5.3	5.3	4.7	6.3	5.3	5.0	6.3	7.3	5.7	5.3	4.7	5.0	2.3	5.3	6.3	5.0	4.7	6.0	5.4
GLADE	3.7	5.7	4.0	4.7	6.7	6.3	4.7	6.3	4.7	6.3	4.3	4.7	7.7	7.3	4.7	6.7	4.7	4.7	2.7	6.0	7.0	4.7	4.7	5.7	5.3
SRX 2205	3.3	4.0	4.0	4.3	7.0	6.7	6.0	6.3	4.7	6.0	5.7	6.0	7.7	6.0	5.7	6.0	4.7	2.7	2.7	5.7	7.7	3.7	6.0	6.0	5.3
PLATINI	4.7	4.7	4.7	4.3	5.7	6.0	5.0	5.3	4.7	6.7	5.3	5.7	6.7	7.0	5.7	5.7	4.0	5.0	2.0	6.0	7.7	5.7	5.0	5.3	5.3
NJ-GD	3.7	3.7	4.0	3.7	6.7	7.0	5.3	6.0	4.7	5.7	4.3	5.3	7.0	7.3	5.3	5.3	5.0	5.3	2.3	6.0	8.0	4.3	6.3	5.7	5.3
UNIQUE	4.0	4.0	2.7	4.3	6.0	6.3	5.0	6.7	4.0	6.7	7.0	5.7	7.7	6.0	5.0	6.3	4.3	4.3	2.3	6.0	6.7	5.3	5.3	6.3	5.3
SHAMROCK	4.0	5.0	4.3	5.0	6.7	6.3	5.0	5.7	4.0	6.0	5.3	5.3	6.7	6.7	4.7	5.7	4.7	4.0	2.3	5.7	7.3	5.0	5.7	5.7	5.3
BA 75-490	3.7	4.3	5.0	5.0	6.7	7.3	5.0	4.3	3.7	6.3	5.7	5.0	6.7	6.0	6.7	5.3	5.0	4.0	2.3	5.3	7.3	5.3	4.7	6.0	5.3
BA 73-373	4.3	5.0	4.7	5.0	7.3	6.0	5.0	5.3	4.0	5.7	4.7	5.0	6.7	5.7	4.7	6.3	4.0	3.7	2.3	5.7	7.7	4.7	6.0	6.3	5.2
BARON	3.0	5.7	4.0	4.7	6.7	6.0	5.0	5.3	4.3	6.3	4.3	4.3	6.7	7.0	5.0	5.7	4.7	3.7	3.0	5.7	7.0	5.3	5.3	6.3	5.2
CHATEAU	3.0	5.7	3.3	5.3	5.7	6.0	4.0	6.0	4.7	5.7	5.3	5.3	6.7	7.0	4.3	5.3	4.7	3.3	2.0	6.7	7.3	5.3	5.7	6.0	5.2
BAR VB 3115B	4.0	4.0	4.3	5.0	6.7	5.0	5.0	5.7	4.3	5.7	4.7	4.7	6.7	6.0	6.7	5.3	5.0	4.7	2.0	6.3	6.7	4.7	5.7	5.3	5.2
H86-690	3.7	4.0	3.7	3.7	6.7	7.3	4.3	5.7	4.7	5.7	5.3	6.3	7.0	5.0	6.0	4.7	4.7	5.3	2.3	5.7	7.0	4.7	5.0	5.7	5.2
RAVEN	3.0	5.3	3.0	4.3	6.7	6.3	5.0	5.0	5.0	6.0	5.3	5.3	7.7	6.3	5.0	5.0	4.3	4.0	2.3	6.0	7.7	3.7	5.3	6.0	5.2
BA 70-060	3.3	4.7	4.7	5.0	7.3	6.0	5.0	6.0	4.3	5.3	4.7	5.7	7.0	5.7	5.0	5.7	4.3	2.3	2.0	5.3	7.0	5.3	6.0	5.7	5.1
MARQUIS	3.7	5.0	3.7	4.7	6.7	6.0	4.0	5.3	4.3	5.7	5.0	5.3	7.3	6.3	4.7	6.0	4.7	5.0	3.3	5.3	6.0	4.7	4.7	5.7	5.1
BLACKSBURG	3.3	4.7	4.0	4.3	6.3	5.3	4.3	5.3	4.7	5.7	4.3	5.3	6.3	7.0	4.3	7.0	3.7	3.3	2.7	6.3	7.0	5.3	6.3	6.0	5.1
ENVICTA (BA 75-173)	2.7	5.0	4.3	5.0	7.3	6.0	5.3	6.0	4.7	5.7	4.7	5.7	6.7	6.0	4.3	4.7	4.0	3.7	2.7	5.3	6.0	5.7	5.7	5.7	5.1
LIPOA	3.7	5.7	3.3	4.7	5.7	5.7	4.3	6.7	4.3	5.7	6.0	4.3	7.0	6.7	4.3	5.3	4.3	5.7	2.3	6.3	6.0	4.3	4.7	5.7	5.1
ZPS-2183	4.0	2.7	4.3	3.3	6.3	7.0	5.3	6.3	4.3	5.3	5.0	5.3	8.0	5.3	4.7	6.0	5.3	2.3	3.0	6.3	7.3	4.3	5.3	5.3	5.1
ZPS-309	4.0	2.3	5.3	3.7	5.3	8.0	4.3	5.7	4.3	5.0	6.7	5.3	7.3	4.7	5.0	6.3	3.7	3.3	2.3	4.7	8.0	6.0	5.3	5.7	5.1
BA 77-702	3.3	5.3	4.0	4.0	5.7	5.7	4.0	4.7	5.3	6.0	4.7	5.3	6.7	6.3	4.0	5.3	5.0	4.0	2.7	6.3	6.0	5.7	6.0	6.0	5.1
BARONETTE (BA 81-058)	3.7	4.3	3.7	4.0	7.0	6.3	4.3	6.3	4.0	5.7	4.7	6.0	6.3	5.7	5.7	4.7	4.3	3.7	2.0	6.0	7.3	4.7	5.3	6.3	5.1
LIMOUSINE	3.3	5.0	2.3	4.7	5.7	5.0	4.0	6.0	4.0	6.3	4.3	4.7	6.3	6.7	3.7	7.0	5.0	4.7	2.0	6.0	7.7	6.0	5.7	5.7	5.1
BA 81-220	3.7	5.3	4.0	5.0	7.0	5.7	3.3	5.3	4.0	5.7	5.3	5.3	7.0	6.0	4.7	5.7	5.0	3.3	2.7	5.3	6.3	5.3	4.7	6.0	5.1
MIDNIGHT	3.7	4.0	4.0	4.3	6.3	6.7	4.0	5.0	4.3	5.7	6.0	4.7	6.3	6.7	5.3	6.0	4.3	3.0	2.0	6.3	7.7	4.7	5.0	5.7	5.1
ABBEY	3.7	5.0	3.7	5.0	7.3	5.7	4.7	5.3	4.0	5.7	5.0	5.0	6.7	6.0	4.7	5.0	4.3	3.3	2.7	5.3	7.7	5.0	5.0	5.7	5.1
FORTUNA	4.0	4.7	4.3	5.0	7.0	7.0	4.3	5.0	4.3	5.7	5.3	5.0	7.0	6.3	5.0	4.0	5.0	4.3	2.0	5.0	7.0	4.7	4.3	5.0	5.1
SEABRING (BA 79-260)	3.3	4.7	3.7	5.0	7.0	6.0	3.3	5.7	4.0	6.0	4.3	4.0	7.0	6.3	5.0	6.3	4.7	2.7	2.7	6.0	6.3	4.7	6.0	5.7	5.0
APOLLO (PST-B3-180)	4.0	3.0	3.7	4.3	6.7	6.0	4.0	6.3	4.3	5.7	5.0	5.0	6.7	5.3	5.0	5.7	4.0	3.0	2.3	5.7	7.3	6.0	5.3	5.7	5.0

TABLE 24. (CONT'D)

SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	AB1	IL1	IL2	IN1	KS1	KY1	MA1	MD2	MI1	MN1	MO1	MO3	NC1	NJ1	NJ2	OH1	OK1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
BRILLIANT (PST-E2-42)	4.0	3.7	3.7	4.3	5.7	6.0	4.3	6.3	4.3	5.0	5.3	5.0	7.0	6.0	4.7	5.7	4.0	4.0	2.0	6.3	7.0	5.3	5.0	5.3	5.0
CHALLENGER	3.3	3.3	4.0	5.0	6.0	6.3	5.0	5.7	3.7	6.3	6.3	5.7	6.7	6.0	5.0	5.3	3.0	3.0	2.0	5.7	7.0	5.0	5.0	5.7	5.0
NUSTAR	4.0	4.3	4.7	4.7	6.3	6.7	4.0	4.7	3.7	6.0	4.3	5.7	7.0	5.3	4.3	3.7	4.7	4.7	2.3	4.7	7.0	5.3	6.0	6.0	5.0
ADVOCATE (HV 130)	3.7	3.7	3.7	5.0	6.0	6.3	4.3	4.7	4.7	5.7	4.7	5.0	7.0	6.0	4.7	4.7	4.0	4.0	2.3	6.0	7.7	5.0	5.3	5.7	5.0
PICK 8	3.3	2.7	4.7	3.7	5.7	6.3	4.7	5.0	4.0	4.7	4.7	7.0	7.3	4.3	5.0	5.7	4.7	1.7	2.7	6.0	7.0	5.7	6.7	6.0	5.0
ALLURE	3.7	3.7	4.3	4.7	6.0	5.3	4.0	6.3	5.3	5.7	5.3	5.0	6.3	5.7	4.3	5.7	3.7	2.7	2.3	5.3	7.0	5.0	5.3	6.0	4.9
BLACKSTONE (PST-638)	3.7	3.0	4.0	4.0	6.0	7.3	4.0	6.0	4.3	5.3	5.3	4.7	7.0	5.3	5.0	4.7	4.3	2.7	3.0	6.7	7.0	5.0	5.3	5.0	4.9
GOLDRUSH (BA 87-102)	3.7	5.3	3.0	4.0	6.7	5.7	3.0	6.7	4.7	5.7	6.0	5.0	6.7	6.0	3.7	5.3	4.3	3.0	3.0	5.0	7.3	5.3	4.7	5.0	4.9
BA 81-113	2.7	5.3	3.3	5.0	6.3	6.0	4.3	5.0	4.3	5.7	4.3	5.3	7.0	5.7	4.3	5.7	4.7	2.7	2.3	6.0	6.7	4.3	5.0	5.7	4.9
BA 81-270	3.0	5.0	3.7	5.0	6.3	5.7	3.0	6.3	4.7	6.3	4.3	5.7	6.7	5.0	4.0	5.0	4.7	2.3	2.7	5.0	7.0	5.7	5.0	5.7	4.9
COVENTRY	3.3	4.3	2.7	4.7	6.3	6.0	4.0	5.7	4.3	6.0	3.3	5.3	6.7	6.0	4.7	5.0	3.7	3.0	3.3	5.7	6.7	5.0	6.0	5.7	4.9
RAMBO (J-2579)	4.3	3.3	3.3	3.7	5.7	6.0	4.3	5.3	5.7	5.0	4.7	5.0	7.3	4.3	4.0	5.0	4.7	3.7	3.3	6.7	7.0	4.0	5.3	5.7	4.9
BARUZO	2.7	4.0	4.3	4.0	7.0	6.3	4.0	5.7	4.3	5.3	4.3	5.3	7.0	6.0	5.0	3.3	4.3	3.3	2.7	6.3	6.0	4.3	6.0	5.7	4.9
PST-P46	4.0	3.7	4.3	4.3	6.3	6.7	3.7	6.0	4.0	5.3	5.0	4.7	6.3	5.3	5.3	4.7	4.0	4.3	2.3	6.0	6.0	4.3	5.3	5.0	4.9
DRAGON (ZPS-429)	3.3	3.0	4.7	4.0	6.3	7.3	3.7	5.3	4.3	4.7	5.7	4.7	7.0	4.7	5.0	5.0	4.3	3.0	2.7	5.7	8.0	4.3	4.7	5.0	4.8
MED-1580	3.7	2.7	4.3	4.0	6.3	6.7	4.3	5.3	4.3	4.7	6.0	4.7	6.3	4.0	4.7	5.3	4.3	3.3	2.3	7.0	7.3	4.7	5.0	5.0	4.8
SHOWCASE (PST-BO-141)	3.3	3.3	3.3	4.0	6.0	5.3	5.0	6.7	3.7	4.7	4.3	4.7	7.3	5.3	4.0	6.0	5.0	2.7	3.0	6.0	7.0	5.3	4.7	5.3	4.8
COMPACT	3.3	3.3	4.0	3.3	6.3	6.0	5.7	6.7	4.7	4.7	4.7	5.3	6.7	4.3	4.7	4.3	3.3	3.3	2.7	5.3	7.7	5.0	5.0	5.3	4.8
PRINCETON 105	2.3	4.0	4.0	4.3	5.3	5.3	4.0	6.7	4.3	6.0	4.0	5.3	6.7	5.3	4.7	5.3	4.0	2.7	2.3	6.3	7.0	4.3	5.7	5.3	4.8
CONNI	2.7	4.3	4.0	3.3	6.0	5.3	4.2	6.0	4.3	5.3	6.0	5.0	6.7	5.0	3.7	5.7	3.7	3.0	2.7	6.0	6.7	4.7	5.3	5.3	4.8
SR 2109	3.3	4.0	3.7	4.0	6.7	6.0	4.0	5.0	4.3	5.2	4.3	4.7	6.7	4.3	4.3	5.7	4.0	4.0	2.0	5.3	7.3	5.7	5.3	5.0	4.8
ASCOT	2.3	4.0	3.7	3.7	6.7	5.3	4.3	6.3	4.3	5.3	4.7	5.0	7.0	5.7	4.3	3.7	4.7	3.7	2.3	5.3	7.3	4.7	5.0	5.3	4.8
ECLIPSE	3.0	4.3	4.3	4.3	6.0	6.0	3.0	5.7	4.0	5.0	4.0	5.7	6.7	5.7	4.7	6.0	4.0	2.7	2.3	5.3	7.0	4.3	5.3	5.3	4.8
J-1555	4.0	3.0	4.3	4.3	5.3	6.3	4.0	5.7	4.0	5.0	4.3	4.3	7.0	3.3	4.0	5.7	4.7	3.7	3.0	5.7	7.0	5.0	4.7	5.3	4.7
NORTH STAR (PST-A7-60)	3.3	3.7	3.0	3.7	5.7	5.7	5.0	6.0	4.3	5.0	5.3	4.7	7.3	4.7	3.0	6.7	3.3	2.3	2.0	7.0	7.0	4.7	5.0	5.3	4.7
BARIRIS (BAR VB 5649)	4.0	1.7	5.3	4.0	5.0	6.7	4.0	5.7	3.3	5.0	5.7	6.3	6.7	3.0	5.0	3.7	4.7	3.0	2.7	6.0	6.0	5.0	6.0	5.0	4.7
NUGLADE	3.7	2.7	4.0	3.3	5.3	5.3	4.0	6.3	4.0	5.0	5.3	4.3	7.0	4.0	3.7	5.3	4.3	4.3	2.3	6.3	7.7	4.7	4.7	5.7	4.7
SIDEKICK	3.7	4.7	4.0	4.7	6.7	6.0	4.0	5.0	4.3	5.7	4.7	5.3	6.0	4.0	4.0	3.7	4.7	2.7	2.3	5.3	6.7	5.0	4.7	5.3	4.7
CHICAGO (J-2582)	2.7	2.7	4.3	3.7	5.7	6.3	4.7	6.0	4.0	5.0	5.3	5.3	6.7	3.3	4.3	6.0	5.0	2.0	2.3	6.0	7.3	5.3	4.3	4.7	4.7
ABSOLUTE (MED-1497)	4.0	2.7	4.0	3.7	5.7	4.7	3.3	6.7	4.7	5.3	5.0	5.0	7.0	3.7	3.7	5.7	4.3	3.7	2.0	6.3	6.3	5.0	5.0	5.3	4.7
LIBERATOR (ZPS-2572)	3.7	2.3	3.7	3.7	6.0	6.3	4.0	5.7	4.3	5.3	4.7	5.3	6.7	3.3	4.3	4.3	4.0	3.7	2.3	6.7	7.7	4.3	4.7	5.3	4.7
IMPACT (J-1576)	3.3	2.0	4.0	3.0	5.3	6.0	4.0	6.0	4.3	5.0	4.0	5.0	7.0	3.7	4.7	5.3	4.7	3.0	2.3	6.3	7.7	4.7	5.3	5.3	4.7
QUANTUM LEAP (J-1567)	3.3	2.3	3.7	3.3	5.3	6.0	4.7	6.3	3.7	4.7	4.7	5.3	7.3	3.7	4.0	6.3	4.7	3.0	2.7	5.3	7.3	4.0	4.7	5.7	4.7
RUGBY II (MED-18)	3.7	2.0	3.3	3.3	5.7	5.0	5.0	6.0	4.7	5.3	4.3	5.0	6.3	3.3	3.7	5.3	4.3	2.7	2.0	6.7	7.7	6.0	5.0	5.3	4.7
PICK-855	3.7	3.0	2.7	4.0	6.0	6.0	4.3	6.0	3.7	4.7	4.7	4.7	7.3	5.3	5.0	5.0	4.3	1.7	2.7	5.3	7.0	4.3	5.0	5.3	4.7
ARCADIA (J-1936)	3.7	2.0	3.7	3.3	6.0	5.7	4.3	5.3	4.3	5.0	4.3	4.0	7.7	3.7	4.3	4.7	5.3	2.7	2.0	5.7	8.0	5.7	4.0	6.0	4.6
BA 75-163	4.0	4.7	2.7	4.7	6.0	6.0	3.0	5.0	3.7	5.3	3.3	5.0	5.7	7.0	4.7	5.3	3.7	2.7	2.0	5.7	6.0	5.3	4.7	5.0	4.6
JEWEL (BA 81-227)	3.0	4.3	3.3	4.0	6.3	5.7	3.3	5.7	3.7	5.7	4.7	5.0	6.3	4.7	4.7	4.3	4.3	3.0	2.0	4.3	7.0	5.3	4.7	5.3	4.6
SR 2000	3.0	3.7	3.7	4.0	6.0	5.7	4.0	6.0	4.3	5.3	3.7	5.3	7.3	4.7	4.0	4.3	3.7	1.3	2.7	5.3	6.3	5.0	5.7	5.3	4.6
TOTAL ECLIPSE (TCR-1738)	3.0	2.7	3.0	3.0	5.7	5.7	4.3	5.3	3.7	5.3	4.0	5.3	6.3	4.0	4.7	4.0	4.3	3.7	2.3	6.0	7.7	5.7	5.0	5.7	4.6
AWARD	3.7	2.7	3.7	3.7	6.0	5.7	4.0	5.0	4.7	5.3	4.7	5.3	6.3	3.0	3.7	5.0	4.3	3.0	2.7	5.3	7.3	4.3	5.3	5.7	4.6
EXPLORER (PICK-3561)	3.3	3.3	3.7	3.7	5.3	5.0	4.3	6.3	5.0	4.3	4.7	4.7	7.7	2.7	3.3	6.0	3.7	2.3	2.0	5.7	7.3	5.0	5.0	5.7	4.6
CARDIFF	3.3	3.7	2.7	4.0	6.0	5.3	3.3	5.7	4.3	5.3	4.7	5.0	7.7	4.7	3.0	5.0	4.0	3.7	2.7	4.7	7.0	4.3	4.7	5.0	4.6
ODYSSEY (J-1561)	3.3	2.7	3.3	3.7	5.3	6.0	4.3	5.0	4.3	5.0	4.3	5.7	7.3	3.0	4.3	5.3	4.0	3.0	2.3	5.0	7.3	4.0	5.7	5.0	4.6
BA 76-197	3.3	3.7	3.3	3.7	5.7	5.3	3.0	5.7	4.7	6.0	3.7	3.7	7.0	4.3	3.7	4.7	4.3	3.3	2.3	5.7	7.0	4.7	4.7	5.7	4.5

TABLE 24. (CONT'D)

SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	AB1	IL1	IL2	IN1	KS1	KY1	MA1	MD2	MI1	MN1	MO1	MO3	NC1	NJ1	NJ2	OH1	OK1	PA1	QE1	RI1	UB1	UT1	VA1	WA1	MEAN
A88-744	3.7	3.3	4.0	4.0	5.7	5.3	4.0	5.3	3.7	5.0	3.7	5.0	6.0	6.3	4.0	3.7	4.0	1.3	2.7	5.7	7.0	4.0	4.7	5.7	4.5
MISTY (BA 76-372)	3.0	2.0	3.0	3.7	5.7	6.3	4.3	5.3	4.3	5.0	5.0	4.7	6.3	3.0	4.3	4.7	4.0	2.7	2.3	5.3	7.0	5.0	4.7	5.3	4.5
NJ 1190	3.3	2.0	3.0	3.3	6.0	5.3	4.3	6.0	4.0	4.0	3.7	6.3	7.7	4.0	3.3	6.7	4.7	1.0	3.0	5.3	4.7	4.3	5.7	5.0	4.4
LTP-620	2.3	1.7	5.0	2.7	6.3	7.0	3.7	5.3	3.7	5.0	4.7	5.0	6.7	3.0	5.0	3.7	4.0	1.3	2.7	5.7	6.3	5.3	4.7	4.7	4.4
BLUECHIP (MED-1991)	3.7	2.3	3.0	4.0	5.3	5.7	3.7	5.7	4.3	5.3	4.7	5.0	6.0	4.0	3.7	3.3	4.0	2.3	2.0	5.3	7.0	4.7	5.0	5.0	4.4
HV 242	4.0	2.0	3.0	4.0	5.0	5.3	4.0	4.7	4.0	5.0	4.7	5.7	7.0	4.0	3.7	5.3	4.0	2.0	2.0	5.7	6.3	4.0	4.0	5.0	4.3
VB 16015	4.0	2.7	3.3	3.3	6.0	5.7	3.0	5.7	4.0	4.7	3.7	5.3	7.3	4.3	3.3	4.7	4.0	3.7	1.7	4.7	4.3	5.0	3.7	5.7	4.3
PEPAYA (DP 37-192)	2.3	3.0	3.3	4.0	5.0	2.7	3.3	6.0	4.0	5.3	4.0	4.7	6.3	4.7	3.0	4.3	4.0	3.0	2.3	6.3	6.7	5.0	4.0	4.7	4.3
MOONLIGHT (PST-A418)	3.0	2.7	3.3	3.7	5.7	5.7	3.7	6.3	3.3	4.3	5.0	4.7	6.3	4.3	3.7	4.0	3.3	2.0	2.0	4.7	6.3	4.7	4.3	4.7	4.2
PST-BO-165	3.0	2.0	3.0	2.3	5.0	6.0	3.3	6.3	4.0	4.7	4.0	6.0	6.7	2.3	2.0	3.7	3.3	2.7	2.3	6.3	5.3	4.7	4.0	4.7	4.1
NJ-54	3.7	2.0	3.0	4.0	4.0	5.0	3.3	5.0	3.7	4.7	4.3	5.3	6.7	3.7	3.0	4.3	3.3	2.0	2.3	3.7	6.3	5.0	4.3	4.7	4.1
SERENE (PST-A7-245A)	3.3	1.7	2.7	3.3	4.7	6.0	3.3	5.7	4.7	4.0	4.0	4.7	6.7	2.3	2.0	3.3	3.7	1.0	2.7	5.3	6.3	4.3	4.3	5.3	4.0
BAR VB 6820	3.0	1.3	2.3	4.0	3.7	3.0	3.0	5.0	3.7	4.3	3.0	4.3	6.0	4.0	1.7	4.0	4.0	2.0	2.7	5.0	5.7	4.3	5.0	4.3	3.7
SODNET	3.3	1.0	2.3	2.7	4.3	5.3	2.0	5.0	3.7	4.6	3.0	4.7	6.7	2.0	2.0	3.3	3.0	2.7	2.0	5.0	5.7	5.0	3.0	4.3	3.6
LSD VALUE	1.4	1.1	2.2	1.2	1.3	1.1	0.9	1.5	1.1	1.1	1.6	1.5	1.3	1.4	1.1	2.9	1.3	1.6	1.1	1.1	1.4	1.5	1.2	0.9	0.3
C.V. (%)	24.6	18.3	35.5	17.5	13.1	10.8	18.1	16.8	16.1	11.7	20.7	18.2	11.8	16.9	14.1	35.1	18.5	28.4	28.3	12.0	12.8	19.5	14.2	10.4	18.2

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

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

TABLE 25.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

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

NAME	IA2	IL1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	PA1	QE1	UT1	MEAN
LIMOUSINE	7.0	8.7	7.8	7.3	6.5	5.3	8.2	8.0	7.8	6.2	8.3	6.5	6.0	7.2
BRILLIANT (PST-B2-42)	7.0	7.3	7.1	6.0	7.2	6.5	8.7	8.0	8.1	5.4	5.9	7.2	6.0	7.0
UNIQUE	6.7	6.3	7.7	6.0	6.9	6.6	8.5	9.0	7.8	4.9	6.3	7.5	6.0	6.9
RAMBO (J-2579)	6.3	7.0	6.7	6.8	6.6	5.9	8.5	7.7	8.0	5.8	7.3	6.9	5.3	6.8
NORTH STAR (PST-A7-60)	6.5	7.3	6.3	7.5	6.8	5.8	7.8	7.7	7.9	5.7	6.9	6.7	5.7	6.8
NJ 1190	6.3	6.7	7.3	6.7	6.6	5.9	8.8	7.0	7.4	5.6	6.8	7.4	6.0	6.8
ABSOLUTE (MED-1497)	6.2	7.3	5.9	6.5	7.5	5.8	7.9	7.3	7.9	6.8	6.7	7.3	5.3	6.8
BARTITIA	6.5	6.7	7.0	6.8	6.1	5.2	8.2	8.0	7.9	6.1	6.6	7.2	6.0	6.8
CONNI	6.8	7.7	6.0	7.0	6.8	5.4	8.3	7.7	7.8	5.4	7.3	6.8	5.0	6.8
ODYSSEY (J-1561)	7.0	6.3	6.6	6.5	7.2	5.8	7.8	8.0	8.0	5.8	6.1	6.9	5.7	6.7
BA 81-270	7.3	7.7	6.1	6.0	6.6	5.9	8.7	7.3	8.0	5.8	5.7	7.2	5.3	6.7
ALLURE	6.8	7.7	6.4	6.2	7.3	6.1	8.1	7.7	7.9	5.6	5.9	6.8	5.0	6.7
HAGA	6.3	6.7	6.3	5.3	6.0	6.3	8.3	8.7	8.0	6.3	6.0	7.3	6.0	6.7
SERENE (PST-A7-245A)	7.2	6.7	6.4	6.7	6.7	5.7	8.3	6.7	8.0	6.2	6.4	7.2	5.3	6.7
APOLLO (PST-B3-180)	7.0	7.0	7.1	6.0	6.8	6.3	7.3	8.0	8.2	5.3	5.6	6.9	6.0	6.7
BARONIE	5.8	6.0	6.2	6.3	6.4	6.6	8.6	9.0	7.8	6.3	5.3	6.8	6.0	6.7
WILDWOOD	6.3	6.0	6.8	6.2	7.2	5.8	8.1	8.3	7.8	5.4	6.0	7.3	6.0	6.7
SHOWCASE (PST-BO-141)	7.3	7.3	7.2	5.5	6.2	5.8	8.1	7.3	8.0	5.5	5.4	7.2	6.0	6.7
CHATEAU	7.3	6.3	6.1	6.2	6.3	5.9	8.2	7.7	7.9	5.8	6.3	7.5	5.3	6.7
RUGBY II (MED-18)	6.8	6.7	6.2	6.3	7.0	5.6	8.3	7.7	8.0	5.6	5.8	7.1	5.7	6.7
BAR VB 3115B	5.5	6.3	6.6	6.7	7.2	5.3	8.6	7.3	7.9	5.3	7.3	7.0	5.7	6.7
AMERICA	6.3	6.0	7.0	5.0	6.5	5.8	8.6	8.3	8.3	5.4	6.2	7.3	6.0	6.7
NIMBUS	6.2	7.0	5.7	6.0	6.9	5.7	7.8	7.3	8.0	5.8	6.2	7.3	6.3	6.6
ARCADIA (J-1936)	6.7	6.0	6.1	5.7	7.1	5.8	8.3	8.0	7.9	5.7	5.8	7.1	6.0	6.6
NUGLADE	6.2	6.3	6.3	6.2	7.8	5.8	7.8	7.3	8.4	5.5	5.8	7.0	5.7	6.6
MIDNIGHT	6.5	5.7	6.3	6.3	7.3	6.3	8.2	7.0	8.3	5.6	5.6	6.8	6.0	6.6
PST-BO-165	7.0	6.3	6.2	6.2	6.8	5.3	8.6	7.0	7.9	5.8	5.9	7.1	5.7	6.6
LIBERATOR (ZPS-2572)	6.3	6.0	5.9	6.0	7.7	6.7	8.6	7.3	8.1	4.8	5.9	7.1	5.3	6.6
QUANTUM IEAP (J-1567)	6.2	6.0	6.1	6.3	7.2	5.6	8.4	8.3	7.9	4.7	5.7	7.3	6.0	6.6
TOTAL ECLIPSE (TCR-1738)	6.2	5.3	6.3	6.2	7.8	5.7	8.1	7.3	8.2	5.6	5.9	7.0	6.0	6.6
EXPLORER (PICK-3561)	6.7	6.0	6.7	6.3	6.7	5.9	8.3	7.0	7.8	5.8	5.8	7.0	5.7	6.6
MOONLIGHT (PST-A418)	6.8	7.7	6.2	5.7	7.3	5.8	7.9	6.7	7.4	6.1	5.3	7.3	5.3	6.6
JEFFERSON	5.8	6.3	6.2	5.5	6.9	6.5	8.0	7.7	7.9	5.6	5.8	7.3	5.7	6.6
COVENTRY	6.7	6.3	5.9	5.8	7.3	6.0	7.9	7.3	7.9	5.7	6.3	7.1	5.0	6.6
AWARD	6.2	5.3	6.6	5.8	7.3	6.2	8.3	7.0	8.1	5.2	6.2	6.9	6.0	6.5
CLASSIC	6.2	6.0	6.3	5.7	5.8	6.5	8.2	8.7	7.7	6.0	5.5	7.0	5.3	6.5
LKB-95	6.5	7.0	5.6	5.7	6.7	6.1	7.8	7.0	7.3	6.2	6.5	6.7	6.0	6.5
BLACKSBURG	6.3	6.3	6.3	6.5	6.8	5.3	7.9	7.0	7.8	5.3	6.3	6.9	5.7	6.5
IMPACT (J-1576)	6.0	5.7	6.3	6.2	7.0	6.0	8.1	8.0	8.0	5.2	5.6	6.9	5.7	6.5
GLADE	6.2	5.3	5.9	6.0	7.0	5.8	7.8	7.3	7.6	6.0	5.8	7.2	6.7	6.5
CHICAGO (J-2582)	6.3	5.7	6.1	5.7	6.9	6.0	7.9	7.3	7.9	5.8	5.8	7.2	5.7	6.5
PICK 8	5.8	5.3	6.0	5.8	6.8	6.1	8.3	8.3	7.8	5.7	5.4	7.3	5.7	6.5
PLATINI	6.2	4.7	5.9	6.0	6.8	5.7	8.7	7.3	7.3	6.0	6.4	7.1	6.0	6.5
BLACKSTONE (PST-638)	5.5	5.7	6.4	6.0	7.0	6.4	8.3	7.3	7.9	5.7	5.2	7.1	5.3	6.4

TABLE 25. (CONT'D)

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY													MEAN
	IA2	IL1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	PA1	QE1	UT1	
JEWEL (BA 81-227)	6.2	6.7	5.7	5.5	6.2	6.3	8.3	7.7	7.8	5.5	5.8	6.9	5.3	6.4
PST-P46	6.7	4.7	6.6	5.7	6.6	5.1	7.8	7.7	7.7	5.7	6.1	7.4	6.0	6.4
CALIBER	5.7	6.3	5.9	5.5	5.8	6.2	8.0	7.7	7.7	6.3	5.6	7.1	5.7	6.4
NJ-GD	5.7	6.7	6.1	5.3	5.5	6.2	8.0	7.3	7.8	6.0	6.3	7.5	5.0	6.4
BARITONE (BAR VB 233)	6.0	4.7	6.1	6.0	6.0	5.8	8.2	8.3	7.5	5.8	6.2	7.0	5.7	6.4
NUSTAR	6.2	6.0	6.1	5.7	6.8	5.8	7.8	7.3	7.7	5.6	5.8	6.9	5.7	6.4
PRINCETON 105	6.3	5.7	5.9	5.8	6.2	6.5	7.9	7.3	7.8	4.4	6.4	7.3	5.7	6.4
BARIRIS (BAR VB 5649)	5.8	5.0	6.4	5.8	6.4	5.6	8.8	7.7	7.5	5.9	5.9	7.0	5.0	6.4
BARONETTE (BA 81-058)	6.2	6.0	6.1	5.7	6.4	6.0	7.9	8.0	7.8	5.3	4.4	7.3	5.7	6.4
CARDIFF	5.8	6.7	6.3	5.8	6.1	5.7	7.9	6.3	7.5	5.6	6.3	7.2	5.3	6.3
CHALLENGER	6.5	5.7	6.0	5.7	6.3	5.8	8.3	7.7	7.6	5.4	5.3	7.1	5.3	6.3
LIVINGSTON	5.8	5.7	5.8	5.3	6.7	6.3	8.2	8.0	7.9	5.7	4.8	7.0	5.0	6.3
LIPOA	6.0	6.0	6.2	6.7	5.7	5.0	7.3	8.3	7.9	5.5	5.3	6.3	6.0	6.3
ASCOT	6.8	6.0	5.8	6.5	6.4	5.3	7.5	7.7	7.7	5.3	5.1	7.1	5.0	6.3
SR 2000	6.3	5.3	5.7	5.0	7.3	5.6	7.8	7.7	7.9	5.9	5.6	7.1	5.0	6.3
ZPS-2183	6.0	6.0	6.6	6.0	7.1	5.5	6.7	7.0	7.3	5.5	5.5	7.0	6.0	6.3
SEABRING (BA 79-260)	6.8	6.0	6.2	5.8	6.3	5.7	7.5	7.0	7.8	5.4	5.1	7.4	5.0	6.3
J-1555	6.2	5.0	6.2	5.7	6.5	5.9	7.8	7.3	7.8	5.5	5.8	6.9	5.3	6.3
ECLIPSE	6.7	6.3	5.8	5.3	6.8	5.4	7.8	7.7	7.9	5.0	5.8	6.6	4.7	6.3
VB 16015	6.0	5.7	5.8	5.5	7.2	6.1	7.7	7.0	7.5	5.4	5.3	7.0	5.7	6.3
SHAMROCK	5.5	7.3	6.1	5.3	6.0	5.7	7.8	6.7	7.4	5.3	6.3	7.2	5.0	6.3
FORTUNA	6.5	5.7	5.9	6.0	6.9	5.8	7.0	7.3	7.3	5.9	5.0	7.3	5.0	6.3
CHAMPAGNE (LTP-621)	5.8	6.0	5.7	5.3	6.7	5.8	8.6	6.7	7.6	5.7	5.5	7.2	5.0	6.3
MED-1580	5.8	5.7	6.1	5.5	6.5	5.9	8.1	7.0	7.7	5.6	5.1	7.2	5.3	6.3
SRX 2205	5.5	6.0	6.1	5.7	6.6	5.6	8.1	8.0	7.5	5.1	5.0	7.0	5.3	6.3
GOLDRUSH (BA 87-102)	6.5	5.7	5.3	5.8	6.8	5.7	7.0	7.3	7.5	5.6	4.7	7.2	6.0	6.2
PICK-855	5.3	5.7	6.6	5.7	6.1	6.2	8.2	7.0	7.7	4.8	5.7	6.7	5.7	6.2
ZPS-309	6.0	5.0	5.9	5.8	6.4	5.8	8.0	7.3	7.0	5.4	5.3	7.1	6.0	6.2
ADVOCATE (HV 130)	5.7	5.0	6.1	5.7	6.8	5.4	7.8	7.3	7.9	5.6	5.5	7.1	5.0	6.2
RAVEN	6.0	5.0	5.9	5.7	7.0	5.4	7.3	7.0	7.8	6.0	4.9	7.1	5.7	6.2
HV 242	5.2	5.7	6.0	5.8	5.3	5.6	8.6	7.0	7.4	5.7	5.2	7.1	6.0	6.2
MARQUIS	6.3	6.3	5.7	5.3	6.5	5.4	7.3	7.0	7.6	5.9	5.0	6.8	5.3	6.2
SR 2100	6.2	6.0	5.7	5.7	6.8	5.5	7.3	6.7	7.4	5.8	5.5	7.0	5.0	6.2
BA 70-060	5.8	5.3	5.2	5.5	7.0	5.8	7.0	7.0	7.7	6.3	4.6	7.2	6.0	6.2
BA 77-702	6.0	5.3	5.6	5.2	6.7	5.5	7.3	7.3	7.3	6.1	4.8	7.0	6.0	6.2
MISTY (BA 76-372)	6.0	6.3	5.8	5.5	6.0	6.0	8.3	7.0	8.0	4.9	4.5	7.1	4.7	6.2
ENVICTA (BA 75-173)	5.8	5.7	5.6	5.2	7.0	5.8	7.5	7.0	7.6	6.0	4.8	7.0	5.0	6.2
BA 73-373	6.2	5.3	5.4	4.7	6.6	5.6	7.5	7.0	7.5	6.4	5.2	7.2	5.3	6.1
BA 76-197	5.3	5.0	5.7	5.3	6.6	6.4	7.8	7.0	7.4	5.3	5.5	7.4	5.0	6.1
SR 2109	5.8	5.3	6.2	5.5	6.4	5.6	7.8	6.3	7.6	4.5	6.8	6.8	5.0	6.1
BLUECHIP (MED-1991)	6.2	5.7	5.6	5.3	6.8	5.5	7.3	6.3	7.7	6.1	5.2	7.0	5.0	6.1
SODNET	6.3	4.3	6.2	6.3	6.0	5.6	7.8	7.0	7.5	4.6	5.5	7.0	5.3	6.1
BA 75-490	6.3	3.3	5.7	5.3	6.0	6.1	8.1	7.3	8.0	5.7	4.5	7.4	5.7	6.1
ABBAY	5.5	6.0	5.3	5.3	6.1	5.3	7.5	7.0	7.7	6.1	4.8	6.8	6.0	6.1
BARON	6.2	4.7	5.6	5.2	6.3	5.8	7.5	7.0	7.4	5.4	4.7	7.3	5.3	6.0

TABLE 25. (CONT'D)

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY												MEAN	
	IA2	IL1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	PA1	QE1		UT1
BAR VB 6820	6.3	6.3	6.2	6.5	5.8	5.2	7.9	5.3	7.6	4.5	4.8	6.8	5.0	6.0
COMPACT	5.8	6.0	4.8	5.2	6.3	6.1	7.8	6.7	7.0	5.0	5.3	6.5	5.7	6.0
H86-690	5.3	5.3	5.2	5.0	6.2	5.8	7.7	7.7	6.8	5.5	5.2	6.6	5.7	6.0
BA 81-113	6.3	5.0	5.2	5.0	6.8	5.8	6.9	6.7	7.5	5.7	4.2	7.2	5.7	6.0
BARUZO	5.8	5.0	5.5	5.8	6.0	5.3	7.1	7.0	7.1	5.1	5.8	6.8	5.3	6.0
BA 81-220	5.7	4.7	5.4	5.3	6.7	5.3	7.4	6.3	7.3	5.8	5.3	7.1	5.3	6.0
DRAGON (ZPS-429)	5.8	5.7	5.7	5.2	6.0	5.7	7.7	6.7	7.6	5.4	4.0	6.9	5.3	6.0
LTP-620	5.8	5.3	5.6	5.3	6.1	5.4	7.4	6.0	7.7	5.3	5.3	7.2	5.0	6.0
A88-744	5.8	5.7	5.3	5.0	5.9	5.8	7.5	7.0	7.6	4.8	4.8	7.3	5.0	6.0
NJ-54	5.8	4.3	6.0	5.7	6.4	5.2	7.8	7.0	7.7	4.8	5.0	6.6	4.3	5.9
BA 75-163	5.5	4.7	5.4	4.5	7.2	5.5	7.8	6.3	7.4	5.3	4.7	7.2	4.7	5.9
SIDEKICK	6.0	5.0	5.1	4.3	6.5	5.7	7.3	7.0	7.6	5.6	3.8	6.7	5.0	5.8
PEPAYA (DP 37-192)	6.3	5.0	5.3	6.2	5.5	5.1	7.1	6.0	7.1	5.3	4.0	7.2	4.3	5.7
KENBLUE	5.3	4.0	5.4	4.5	6.3	6.2	7.9	6.7	6.8	4.6	3.2	6.3	5.3	5.6
LSD VALUE	1.4	1.4	0.8	0.9	0.7	0.9	0.7	1.2	0.9	1.6	0.8	1.1	0.5	0.3
C.V. (%)	19.5	15.2	13.8	14.0	13.2	18.9	11.6	10.2	15.2	35.9	17.8	18.6	8.5	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 26.

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

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

NAME	IA2	IL1	KS1	KY1	ME1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	QE1	UT1	MEAN
NORTH STAR (PST-A7-60)	6.7	8.0	7.0	7.0	7.0	7.6	7.8	4.9	6.2	8.3	7.0	7.1	8.3	7.8	6.6	7.2
LIMOUSINE	7.7	7.3	6.7	7.3	6.0	7.6	7.5	5.4	5.2	8.5	7.0	7.1	8.5	7.6	7.7	7.1
BRILLIANT (PST-E2-42)	6.3	6.3	6.3	7.7	8.0	5.9	6.2	5.2	6.8	8.8	7.3	7.8	8.5	7.4	6.4	7.0
LIBERATOR (ZPS-2572)	6.3	6.0	6.3	8.7	7.0	6.8	6.0	5.8	6.3	8.9	7.0	7.8	8.1	7.3	6.1	7.0
ABSOLUTE (MED-1497)	6.0	7.0	5.7	7.3	7.7	6.3	6.8	5.9	5.8	8.3	7.7	7.3	8.3	7.4	6.9	7.0
RAMBO (J-2579)	6.0	6.3	6.0	7.0	7.3	6.9	6.8	5.0	6.8	8.8	7.3	7.4	8.4	7.5	6.7	7.0
NJ 1190	7.7	7.0	7.0	5.3	7.0	6.7	6.3	4.8	6.4	8.8	7.3	6.9	8.4	7.6	6.8	6.9
RUGBY II (MED-18)	6.3	7.0	6.0	8.7	6.3	6.2	6.5	5.8	5.8	8.4	7.7	7.5	8.3	7.3	6.0	6.9
NUGLADE	6.0	6.0	5.7	8.0	6.7	6.3	6.0	5.9	5.9	8.6	7.7	8.3	8.3	7.5	6.5	6.9
MIDNIGHT	5.3	5.3	6.7	8.7	6.7	6.4	6.0	6.2	5.9	8.6	7.3	8.0	8.5	7.4	6.3	6.9
AWARD	5.7	6.3	6.7	8.3	5.7	6.2	6.5	6.2	6.2	8.7	7.0	7.8	8.3	7.5	6.3	6.9
ODYSSEY (J-1561)	6.0	6.0	6.7	8.3	6.7	6.2	6.3	6.1	6.0	8.3	6.7	7.4	8.4	7.5	6.6	6.9
IMPACT (J-1576)	5.3	6.7	5.7	8.3	6.0	6.3	6.2	6.1	6.3	8.7	7.0	7.9	8.3	7.3	6.9	6.9
CONNI	7.0	7.3	7.0	5.7	6.3	7.0	7.3	4.8	5.7	8.8	7.0	7.2	8.5	7.3	5.9	6.9
SHOWCASE (PST-BO-141)	5.3	6.3	6.3	8.7	6.3	6.2	5.3	5.1	6.8	8.8	7.0	7.8	8.3	7.3	6.9	6.8
TOTAL ECLIPSE (TCR-1738)	6.0	5.3	6.0	7.7	6.3	6.3	6.7	6.6	5.9	8.4	7.0	7.9	8.2	7.3	6.7	6.8
UNIQUE	5.7	5.0	6.0	7.7	7.0	6.4	6.0	5.1	6.7	8.9	7.0	7.8	8.3	7.3	7.3	6.8
APOLLO (PST-B3-180)	6.7	5.3	6.7	8.3	5.5	6.2	5.8	5.5	6.1	8.1	7.3	7.8	8.3	7.3	6.8	6.8
ARCADIA (J-1936)	5.7	6.0	5.3	8.0	7.0	6.3	6.0	5.4	5.9	8.7	7.3	7.7	8.3	7.3	6.8	6.8
PRINCETON 105	6.7	5.7	6.0	7.7	7.0	6.5	5.3	5.8	6.6	8.3	7.3	6.9	8.3	7.4	6.0	6.8
BLACKSBURG	6.7	5.3	6.7	6.3	7.3	6.5	6.5	5.2	5.0	8.4	7.3	7.6	8.5	7.4	6.6	6.8
AMERICA	5.7	6.3	6.3	8.0	6.7	6.3	5.5	5.1	6.0	8.8	6.7	7.8	8.3	7.3	6.5	6.8
LKB-95	6.7	5.7	6.7	6.7	8.0	6.7	6.3	4.8	6.1	8.8	6.3	6.4	8.3	7.3	6.4	6.7
SERENE (PST-A7-245A)	8.0	6.3	5.7	7.3	7.0	5.6	6.0	5.2	5.9	8.5	7.0	7.0	8.3	7.2	6.0	6.7
WILDWOOD	6.3	6.7	6.0	6.3	7.7	6.8	6.0	5.3	5.4	8.7	7.0	7.0	8.5	7.4	5.8	6.7
ALLURE	7.0	6.7	6.3	7.0	6.3	5.7	6.0	5.7	5.7	8.5	7.0	7.3	8.4	7.3	5.8	6.7
EXPLORER (PICK-3561)	6.3	5.7	6.0	7.7	6.7	6.4	6.2	5.2	5.9	8.8	6.7	7.1	8.3	7.5	6.3	6.7
PICK 8	6.0	4.7	5.7	8.7	7.0	6.2	5.3	5.6	6.3	8.4	7.3	7.6	8.5	7.3	5.9	6.7
NIMBUS	7.3	5.7	5.7	6.7	7.3	6.3	6.2	4.4	6.0	8.5	7.7	7.2	8.5	7.3	5.7	6.7
GLADE	6.0	4.3	6.3	8.7	6.7	6.8	6.3	5.3	5.8	8.4	6.7	7.0	8.5	7.1	6.3	6.7
CHATEAU	7.7	6.7	6.3	5.3	7.7	5.3	6.2	5.3	5.6	8.4	7.3	6.9	8.6	7.3	5.6	6.7
PLATINI	6.7	5.7	5.4	6.0	7.7	5.9	6.2	5.3	6.0	8.9	7.0	6.7	8.5	7.3	6.8	6.7
BA 81-270	7.3	6.3	6.3	6.0	7.7	5.7	5.7	5.1	5.2	8.5	7.0	7.3	8.5	7.4	5.9	6.7
BAR VB 3115B	6.7	6.3	5.7	6.7	6.3	6.6	6.5	5.1	5.7	8.7	7.3	6.8	8.1	7.4	6.0	6.7
QUANTUM LEAP (J-1567)	5.7	5.7	6.0	8.3	5.3	6.3	6.3	5.6	5.7	8.8	7.3	7.3	8.3	7.4	5.9	6.7
BLACKSTONE (PST-638)	6.0	6.0	6.0	6.3	7.0	6.3	6.2	5.5	6.4	8.5	7.0	7.8	8.3	7.2	5.2	6.6
ZPS-309	7.3	5.0	6.0	6.3	7.7	5.7	6.0	5.2	6.2	8.8	6.7	6.6	8.3	7.5	6.3	6.6
ZPS-2183	6.7	7.0	6.0	6.0	7.0	6.0	5.7	4.9	6.1	7.8	7.0	7.3	8.5	7.2	6.3	6.6
COVENTRY	7.3	7.0	6.3	5.7	7.3	5.7	5.5	5.0	5.8	8.4	7.0	7.5	8.3	7.2	5.3	6.6
BARTITIA	6.3	7.3	6.3	4.0	5.7	7.2	6.7	4.4	5.2	8.8	7.0	7.4	8.5	7.4	7.0	6.6
JEFFERSON	6.0	5.3	6.0	8.0	7.0	6.2	5.3	5.0	6.2	8.3	6.7	7.5	8.3	7.2	5.8	6.6
NUSTAR	6.3	5.0	5.7	7.7	7.3	6.2	5.8	5.0	6.0	8.4	6.7	7.3	8.3	7.3	5.7	6.6
BARONETTE (BA 81-058)	5.3	5.0	6.0	8.3	7.0	6.2	5.7	5.0	6.0	8.5	6.7	7.3	8.3	7.3	6.2	6.6
ASCOT	6.3	6.0	5.3	7.0	7.0	6.3	6.3	5.0	5.9	8.0	6.3	7.3	8.3	7.4	5.8	6.5

TABLE 26. (CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY														MEAN	
	IA2	IL1	KS1	KY1	ME1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	QE1		UT1
PICK-855	7.3	4.7	5.0	7.0	6.5	6.8	5.7	4.6	6.1	8.7	7.3	7.1	8.2	7.3	5.9	6.5
CHAMPAGNE (LTP-621)	6.3	4.7	6.0	7.7	7.7	6.4	5.3	4.5	5.6	8.5	7.3	7.1	8.2	7.3	5.6	6.5
PST-BO-165	7.0	6.0	5.7	6.7	6.3	5.4	6.0	5.3	5.3	8.6	7.0	7.4	8.3	7.4	5.6	6.5
FORTUNA	5.7	5.3	5.7	8.0	7.3	5.8	6.0	5.1	5.7	8.1	7.0	7.1	8.3	7.3	5.7	6.5
BARONIE	5.3	5.0	6.0	7.0	7.7	6.1	6.3	4.8	6.3	8.5	6.0	7.4	8.5	7.3	5.7	6.5
ADVOCATE (HV 130)	6.3	5.7	6.3	5.7	7.0	6.5	6.0	4.7	5.3	8.7	7.0	7.1	8.5	7.4	5.6	6.5
BARITONE (BAR VB 233)	6.7	4.0	6.0	5.7	7.7	6.2	5.7	5.3	6.1	8.6	7.0	6.7	8.4	7.3	6.6	6.5
MED-1580	6.3	5.3	5.3	7.7	7.3	6.3	5.7	4.3	5.8	8.4	7.0	6.5	8.5	7.3	6.1	6.5
CHICAGO (J-2582)	6.0	5.3	5.7	6.7	5.7	6.2	5.8	5.3	5.7	8.4	7.7	7.5	8.3	7.3	6.3	6.5
PST-P46	6.3	5.3	6.0	5.7	7.7	6.7	5.3	4.6	5.0	8.2	7.3	7.3	8.3	7.4	6.4	6.5
MOONLIGHT (PST-A418)	6.3	6.0	5.3	7.0	6.7	5.6	5.7	5.3	5.3	8.1	7.3	7.3	8.1	7.4	5.8	6.5
BA 73-373	5.7	5.0	6.3	7.7	6.7	5.8	5.5	4.9	5.4	8.3	7.0	7.3	8.3	7.4	5.8	6.5
JEWEL (BA 81-227)	7.0	6.0	5.7	5.7	6.7	5.7	5.5	4.6	6.0	8.3	7.0	7.5	8.3	7.3	5.9	6.5
HAGA	5.3	5.0	5.7	7.3	7.3	6.2	5.5	4.9	6.1	8.3	6.3	7.3	8.4	7.3	5.9	6.5
J-1555	5.3	5.3	4.7	6.7	6.0	6.3	6.0	5.1	6.6	8.7	6.7	7.5	8.4	7.3	6.3	6.5
CLASSIC	6.0	4.7	5.7	7.3	8.3	6.0	5.8	4.6	6.0	7.9	6.0	7.1	8.5	7.3	5.5	6.4
SHAMROCK	6.0	5.3	5.3	7.0	7.3	6.1	5.3	4.7	5.6	8.7	6.7	6.8	8.3	7.3	6.3	6.4
MARQUIS	5.3	5.7	6.3	6.7	7.0	6.2	5.7	5.0	5.6	8.3	6.7	7.0	8.3	7.2	5.7	6.4
ECLIPSE	6.0	5.0	5.3	8.0	6.7	5.7	5.3	5.1	5.8	8.4	6.3	7.6	8.5	7.2	5.5	6.4
NJ-GD	6.3	6.0	5.0	7.0	6.7	6.0	5.3	4.3	5.8	8.5	6.7	7.3	8.3	7.2	5.9	6.4
ENVICTA (BA 75-173)	5.3	5.0	5.7	7.3	6.7	5.8	5.5	4.9	5.8	8.3	7.3	7.2	8.4	7.4	5.6	6.4
BA 75-490	7.7	2.7	6.0	7.3	6.0	6.1	5.8	5.3	5.8	8.8	6.0	7.0	8.3	7.2	6.3	6.4
SEABRING (BA 79-260)	6.3	4.0	5.7	7.0	7.3	6.7	6.2	5.0	5.9	8.1	6.3	7.0	8.4	7.3	4.9	6.4
HV 242	5.0	4.7	6.3	5.0	7.7	6.0	6.0	4.8	6.0	8.8	7.0	6.7	8.5	7.4	6.2	6.4
ABBEY	6.0	5.0	5.7	7.3	6.7	5.7	5.3	4.6	5.7	8.1	7.3	7.3	8.3	7.3	5.8	6.4
CALIBER	5.3	5.0	5.7	6.3	7.3	5.8	5.8	4.6	6.2	8.6	6.3	6.8	8.3	7.2	6.5	6.4
BARON	5.3	4.7	5.3	7.7	6.3	5.8	5.7	5.1	6.0	8.3	7.3	7.2	8.4	7.3	5.1	6.4
RAVEN	5.3	4.3	5.3	7.7	7.7	5.7	6.0	5.2	5.6	7.9	6.7	7.6	8.5	7.1	5.0	6.4
BA 70-060	7.0	4.7	5.3	7.7	6.3	5.6	5.8	4.6	5.1	8.1	7.0	6.9	8.3	7.3	5.7	6.4
SR 2109	6.0	6.3	5.7	5.7	5.3	6.2	5.8	4.8	5.9	8.4	6.7	6.9	8.2	7.4	6.1	6.4
SR 2100	6.3	5.3	5.3	6.3	6.7	6.0	5.2	5.0	5.6	7.8	8.0	7.1	8.3	7.2	5.2	6.3
BAR VB 6820	6.0	6.7	5.7	3.7	7.0	6.4	6.3	4.4	5.7	8.2	6.0	6.8	8.0	7.7	6.3	6.3
GOLDRUSH (BA 87-102)	5.0	5.3	6.0	6.0	6.7	5.8	5.8	5.1	5.4	8.2	7.0	7.2	8.3	7.3	5.6	6.3
MISTY (BA 76-372)	6.3	5.7	5.0	6.3	5.0	6.5	5.7	4.6	6.1	7.8	7.3	7.3	8.2	7.3	5.3	6.3
BARIRIS (BAR VB 5649)	5.0	4.7	5.7	6.3	6.7	6.1	6.0	4.9	5.7	8.8	6.3	6.8	8.3	7.3	5.8	6.3
CARDIFF	6.0	5.3	6.0	5.7	6.0	6.0	5.3	4.2	6.2	8.3	6.7	6.8	8.4	7.3	5.8	6.3
BA 81-220	5.7	4.0	5.7	6.7	6.7	5.8	5.7	4.8	5.7	8.1	6.7	7.3	8.3	7.3	5.7	6.3
SRX 2205	6.7	5.0	6.0	5.0	7.3	5.9	5.5	3.9	5.7	8.6	6.0	6.7	8.3	7.1	5.9	6.2
LIVINGSTON	5.3	5.7	5.3	6.7	6.3	5.8	6.0	4.3	5.3	8.5	6.7	6.9	8.2	7.3	5.0	6.2
SR 2000	5.7	4.7	6.3	7.3	5.0	5.7	4.8	6.3	5.8	8.0	5.7	7.6	8.0	7.0	5.3	6.2
LIPOA	6.0	4.3	6.0	4.7	6.3	6.4	6.7	4.8	5.3	8.3	6.0	6.8	8.3	7.3	5.7	6.2
BLUECHIP (MED-1991)	6.0	5.3	4.7	6.3	6.0	5.6	5.5	4.6	5.8	8.1	7.0	7.3	8.3	7.3	5.0	6.2
BA 81-113	5.7	3.7	5.3	7.0	7.0	5.4	5.7	4.3	5.7	7.7	7.0	7.3	8.3	7.2	5.7	6.2
BA 75-163	6.7	4.0	5.3	7.7	5.7	5.6	4.5	5.0	5.4	7.9	6.7	7.0	8.3	7.2	5.8	6.2
BA 77-702	5.3	4.3	5.7	7.3	5.3	5.7	5.3	4.9	5.4	8.0	7.3	6.9	8.4	7.3	5.3	6.2

TABLE 26. (CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY														MEAN	
	IA2	IL1	KS1	KY1	ME1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	QE1		UT1
NJ-54	6.0	3.3	6.0	7.0	4.3	5.9	6.2	5.1	5.4	8.4	6.7	7.1	8.3	7.2	5.7	6.2
CHALLENGER	5.3	4.3	5.3	6.3	5.3	5.9	5.8	5.0	5.7	8.5	6.3	7.2	8.2	7.3	5.9	6.2
COMPACT	5.7	5.3	5.0	6.0	5.0	5.5	5.7	5.0	6.1	8.5	6.3	6.8	8.3	7.3	5.8	6.2
DRAGON (ZPS-429)	6.0	3.3	5.0	7.0	6.3	5.7	5.5	5.1	5.8	7.8	6.3	7.2	8.3	7.2	5.6	6.1
A88-744	5.7	4.7	6.0	6.7	5.7	5.7	4.7	5.0	5.6	8.1	6.0	7.1	8.2	7.3	5.3	6.1
LTP-620	5.7	5.0	5.0	6.3	5.7	5.8	5.0	4.8	5.1	8.0	6.0	7.4	8.1	7.2	5.8	6.1
VB 16015	6.0	4.3	5.0	6.3	5.7	5.4	4.8	4.9	6.2	7.9	6.3	6.8	8.0	7.2	5.5	6.0
BA 76-197	5.7	4.3	5.3	6.0	5.3	5.9	5.7	4.3	5.8	8.3	6.0	7.0	8.1	7.3	5.3	6.0
SODNET	5.7	5.0	4.3	4.3	6.0	6.6	6.2	4.5	5.8	8.2	6.0	6.5	8.2	7.2	5.9	6.0
H86-690	4.7	4.3	5.0	5.7	6.7	5.3	4.8	4.3	5.9	8.3	7.3	6.4	8.5	7.1	5.7	6.0
KENBLUE	6.0	2.3	4.3	5.7	6.0	5.7	5.3	4.6	6.3	8.0	6.3	6.6	8.3	7.1	5.0	5.8
SIDEKICK	5.7	2.7	5.3	6.3	5.7	5.0	4.5	5.0	5.3	7.4	6.0	7.2	8.2	7.3	5.5	5.8
PEPAYA (DP 37-192)	5.7	5.0	5.0	2.3	6.3	6.3	6.2	4.3	5.1	7.6	5.3	6.4	8.0	7.3	5.7	5.8
BARUZO	5.0	3.3	5.3	4.3	5.0	5.6	5.0	4.2	6.0	7.3	7.0	6.6	8.2	7.1	5.0	5.7
LSD VALUE	1.2	1.6	0.6	1.4	2.1	0.6	0.8	0.8	0.9	0.6	1.2	1.1	0.6	0.5	0.6	0.2
C.V. (%)	12.4	18.6	12.0	12.5	19.2	12.1	11.4	19.6	16.0	8.5	11.0	19.3	9.4	8.2	13.0	13.5

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.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

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

NAME	IA2	IL1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	PA1	QE1	UT1	MEAN
LIMOUSINE	9.0	7.0	7.5	6.3	6.5	5.5	8.1	7.3	7.0	9.0	8.5	7.9	7.7	7.5
BRILLIANT (PST-B2-42)	8.3	6.3	6.6	5.5	7.3	6.8	8.8	8.3	7.9	9.0	7.3	7.6	7.0	7.4
UNIQUE	8.7	5.8	6.5	5.5	7.0	6.6	8.8	7.5	8.2	9.0	7.5	7.2	7.3	7.4
RAMBO (J-2579)	8.0	6.3	7.3	6.2	6.6	6.1	8.6	6.8	7.8	9.0	8.0	7.6	7.0	7.3
NORTH STAR (PST-A7-60)	8.0	7.3	7.3	6.5	6.7	6.2	7.9	6.8	7.2	9.0	8.2	7.4	6.3	7.3
SHOWCASE (PST-BO-141)	8.0	6.2	6.7	5.2	6.8	6.8	8.7	7.0	7.9	9.0	6.7	7.7	8.0	7.3
CONNI	8.3	5.8	6.8	7.0	6.9	5.9	8.6	7.0	7.0	9.0	8.7	7.6	5.7	7.3
NJ 1190	8.3	5.5	7.3	5.0	6.2	6.5	8.8	8.2	6.8	9.0	8.0	7.7	7.0	7.3
AMERICA	8.3	5.3	6.8	5.2	7.0	6.2	8.8	7.3	7.8	9.0	7.0	7.9	7.0	7.2
LIBERATOR (ZPS-2572)	7.3	5.8	6.7	5.8	7.8	6.8	8.8	7.0	7.8	9.0	6.7	7.6	6.3	7.2
NUGLADE	7.0	6.2	6.7	5.7	7.6	6.3	8.3	7.2	8.3	9.0	6.7	7.9	6.7	7.2
ODYSSEY (J-1561)	7.3	5.5	6.3	6.2	7.9	6.3	8.2	7.5	7.8	9.0	6.8	7.8	6.7	7.2
RUGBY II (MED-18)	7.7	6.0	6.8	5.7	7.3	6.2	8.5	7.2	7.4	8.9	7.0	7.6	7.0	7.2
ABSOLUTE (MED-1497)	7.0	6.2	6.3	6.0	7.5	5.8	8.2	7.0	7.5	9.0	7.2	8.2	7.0	7.1
AWARD	7.3	5.2	6.7	5.8	7.6	6.3	8.7	7.0	7.8	9.0	7.0	7.7	6.7	7.1
BLACKSEURG	8.3	4.8	6.8	5.2	7.0	5.8	8.5	7.3	7.3	9.0	7.7	7.9	7.0	7.1
IMPACT (J-1576)	7.0	5.8	6.3	5.8	7.5	6.2	8.3	7.2	7.9	9.0	6.7	7.4	7.0	7.1
BARTITIA	7.7	5.2	7.3	6.3	6.3	5.6	8.2	7.3	7.2	8.7	7.2	8.0	7.3	7.1
WILDWOOD	7.3	6.0	7.1	5.5	7.3	6.4	8.5	7.2	7.0	9.0	7.0	7.7	6.0	7.1
MIDNIGHT	7.0	5.5	6.7	6.0	7.6	6.3	8.3	7.2	7.8	9.0	6.3	7.8	6.3	7.1
LKB-95	7.7	5.7	6.5	6.3	6.3	6.2	8.4	6.8	6.5	9.0	7.2	8.0	7.0	7.0
BAR VB 3115B	7.7	5.5	6.3	5.3	6.6	5.8	8.8	7.7	6.7	9.0	7.2	7.8	6.7	7.0
TOTAL ECLIPSE (TCR-1738)	7.3	5.3	6.2	6.0	8.2	5.8	8.6	5.8	7.8	9.0	6.5	7.6	7.0	7.0
APOLLO (PST-B3-180)	7.3	4.7	6.8	5.5	7.0	6.3	7.9	6.8	7.8	8.9	7.0	7.6	7.3	7.0
ARCADIA (J-1936)	7.3	5.0	6.3	5.5	6.7	5.6	8.4	7.2	7.7	9.0	6.8	8.0	7.3	7.0
QUANTUM LEAP (J-1567)	7.3	5.3	6.3	6.2	6.9	5.7	8.8	7.3	7.4	9.0	6.7	7.8	6.0	7.0
PICK 8	7.0	5.2	6.5	4.8	7.6	6.3	8.4	7.7	7.8	9.0	6.3	7.6	6.3	7.0
SR 2109	7.0	6.0	6.9	5.0	6.3	5.4	8.5	7.2	6.9	9.0	8.0	7.7	6.3	6.9
PRINCETON 105	7.3	5.8	6.7	4.7	6.8	6.3	8.4	7.3	6.8	9.0	6.7	7.7	6.7	6.9
PICK-855	8.0	5.3	7.3	4.7	6.2	6.0	8.5	7.3	7.3	9.0	6.7	7.9	6.0	6.9
BARONIE	7.3	4.8	6.3	5.5	7.2	6.2	8.5	7.0	7.7	9.0	6.2	8.0	6.3	6.9
PLATINI	7.3	5.5	6.2	5.7	6.8	5.7	8.8	7.2	6.7	9.0	6.0	7.8	7.3	6.9
CHAMPAGNE (LTP-621)	8.0	5.2	6.4	4.3	6.5	5.5	8.8	7.8	7.0	9.0	7.0	7.7	6.7	6.9
JEFFERSON	7.3	5.3	6.1	5.0	7.4	6.3	8.4	6.5	7.3	9.0	7.0	7.9	6.3	6.9
HAGA	7.3	5.3	6.3	5.3	6.4	6.7	8.4	6.8	7.7	9.0	6.2	7.7	6.3	6.9
GLADE	6.7	5.5	6.3	5.8	7.1	5.8	8.1	7.0	6.6	9.0	7.5	7.8	6.3	6.9
CHATEAU	7.0	5.5	6.3	5.7	6.7	5.6	8.5	7.5	7.0	9.0	6.2	8.0	6.3	6.9
SERENE (PST-A7-245A)	7.3	5.5	6.3	5.3	6.9	6.0	8.6	7.2	7.1	9.0	6.0	7.7	6.3	6.9
SHAMROCK	7.3	5.5	6.7	4.8	6.8	6.1	8.6	7.0	6.6	9.0	6.7	7.9	6.0	6.8
ALLURE	6.7	5.7	6.1	5.7	7.6	5.8	8.5	7.0	7.0	9.0	6.2	7.8	6.0	6.8
CHICAGO (J-2582)	7.7	5.5	6.4	5.0	6.0	5.7	8.6	6.5	7.6	9.0	7.0	7.7	6.3	6.8
BLACKSTONE (PST-638)	6.3	6.0	6.3	4.7	7.2	6.6	8.4	7.0	7.5	9.0	6.3	7.7	6.0	6.8
PST-P46	7.3	5.3	6.8	5.2	6.6	5.0	8.0	6.5	7.4	9.0	7.3	7.8	6.7	6.8
BA 75-490	7.3	4.2	6.4	5.5	6.7	5.8	8.7	7.2	7.4	8.9	6.5	7.7	6.7	6.8

TABLE 27. (CONT'D)

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY													
	IA2	IL1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	PA1	QE1	UT1	MEAN
BA 81-270	7.0	6.0	6.1	5.3	6.6	5.7	8.8	7.2	7.3	8.8	6.0	7.7	6.3	6.8
EXPLORER (PICK-3561)	7.0	5.8	6.1	6.0	6.0	5.8	8.2	6.8	7.1	9.0	7.0	7.6	6.3	6.8
NJ-GD	7.3	4.8	6.7	4.5	6.3	6.2	8.6	7.2	7.2	9.0	7.2	7.4	6.3	6.8
BARIRIS (BAR VB 5649)	7.3	5.3	6.3	5.8	6.6	5.9	8.7	7.3	6.8	9.0	6.0	7.8	5.7	6.8
NUSTAR	7.0	5.2	6.4	5.5	6.5	5.6	8.3	7.2	6.8	9.0	7.5	7.4	6.0	6.8
ADVOCATE (HV 130)	7.7	5.0	6.7	5.3	6.4	5.3	8.7	7.0	6.8	9.0	6.8	7.9	5.7	6.8
BARITONE (BAR VB 233)	7.0	5.5	6.3	5.2	6.7	5.7	8.5	7.2	6.9	9.0	6.2	7.4	6.7	6.8
COMPACT	6.7	4.7	5.9	5.0	6.6	6.5	8.7	7.0	6.6	9.0	6.8	8.0	6.7	6.8
ASCOT	7.0	4.8	6.8	5.7	7.1	5.3	8.3	6.3	7.3	9.0	6.7	7.4	6.3	6.8
MED-1580	7.0	4.8	6.7	5.7	5.9	6.2	8.3	7.0	6.8	9.0	7.0	7.9	5.7	6.8
CHALLENGER	7.3	5.2	6.3	5.2	6.7	5.7	8.5	6.8	7.3	9.0	6.3	7.6	6.0	6.8
COVENTRY	6.7	5.0	6.2	5.3	7.4	5.9	8.3	6.8	7.3	9.0	6.5	7.6	5.7	6.7
BARONETTE (BA 81-058)	6.7	4.7	6.3	5.2	6.7	6.1	8.1	7.3	7.5	8.9	5.5	8.1	6.7	6.7
ECLIPSE	7.3	5.3	6.2	4.5	6.8	5.8	8.5	6.5	7.6	9.0	6.5	8.2	5.3	6.7
PST-BO-165	7.0	5.0	6.3	5.8	6.7	5.6	8.8	7.0	7.0	9.0	6.0	7.3	6.0	6.7
BAR VB 6820	7.3	6.0	6.6	5.7	6.4	5.7	7.9	6.0	6.3	9.0	6.8	7.7	6.0	6.7
CLASSIC	7.3	4.8	6.1	5.3	6.3	6.3	8.2	6.5	7.6	9.0	6.2	7.9	5.7	6.7
J-1555	6.3	5.0	6.3	5.2	6.9	5.9	8.0	7.0	7.4	9.0	5.8	7.9	6.3	6.7
MISTY (BA 76-372)	6.3	5.2	6.7	4.8	6.1	6.2	8.1	6.7	7.5	9.0	6.7	8.1	5.7	6.7
ZPS-309	7.3	5.2	5.8	5.2	6.8	6.0	8.2	7.0	6.8	9.0	5.7	7.6	6.7	6.7
CALIBER	7.3	5.2	6.3	5.0	5.8	5.8	8.5	6.8	6.5	9.0	6.2	8.0	6.7	6.7
LIPOA	6.3	5.2	6.8	5.8	6.0	5.2	7.6	6.7	7.0	9.0	6.7	7.8	6.7	6.7
DRAGON (ZPS-429)	7.0	5.5	6.1	4.8	6.2	5.9	8.1	6.0	7.3	9.0	6.0	7.8	6.7	6.6
SEABRING (BA 79-260)	6.3	5.5	6.6	5.5	6.9	5.5	7.9	6.8	6.6	8.9	6.5	7.8	5.3	6.6
FORTUNA	6.3	4.7	5.8	5.5	6.7	6.0	7.9	7.0	7.0	9.0	6.3	7.9	6.0	6.6
MOONLIGHT (PST-A418)	7.0	4.5	5.5	5.2	7.2	5.5	8.2	7.0	7.3	9.0	5.8	7.9	6.0	6.6
NIMBUS	6.3	4.5	6.1	5.5	6.7	5.4	8.1	7.2	7.0	9.0	6.5	7.6	6.0	6.6
SRX 2205	7.3	4.8	6.4	5.3	5.8	5.3	8.3	6.0	5.8	9.0	7.3	7.7	6.3	6.6
NJ-54	6.7	4.7	6.0	4.8	6.8	5.1	8.7	7.2	6.7	9.0	6.0	7.9	6.0	6.6
SODNET	7.0	5.2	6.4	4.8	6.1	5.4	7.4	6.7	6.5	9.0	6.8	7.8	6.3	6.6
LIVINGSTON	7.0	5.0	6.0	5.0	6.0	5.4	8.6	6.8	7.0	9.0	6.2	7.7	5.7	6.6
JEWEL (BA 81-227)	6.7	4.8	6.2	4.7	6.2	5.8	8.6	6.8	7.3	9.0	5.7	7.3	6.3	6.6
SR 2000	7.0	4.8	6.3	4.7	7.4	5.3	8.3	6.0	7.6	9.0	5.8	7.7	5.3	6.6
LTP-620	7.0	5.3	6.1	4.2	6.3	5.7	7.9	6.7	7.3	9.0	5.5	7.8	6.3	6.5
BLUECHIP (MED-1991)	6.7	6.0	5.8	4.8	6.4	5.6	8.3	6.8	6.8	9.0	5.5	8.0	5.3	6.5
HV 242	6.0	4.5	6.5	5.5	6.2	5.3	8.5	7.0	6.5	9.0	5.7	7.6	6.7	6.5
GOLDRUSH (BA 87-102)	6.0	4.3	5.8	5.5	7.0	5.8	8.0	7.0	6.5	9.0	5.8	8.0	6.0	6.5
MARQUIS	6.7	5.2	5.9	5.5	6.2	5.1	7.8	7.2	6.3	9.0	5.8	7.8	6.3	6.5
ENVICTA (BA 75-173)	6.0	4.8	5.5	5.0	6.8	5.8	8.2	7.0	6.9	9.0	5.8	8.0	5.7	6.5
A88-744	7.0	4.5	5.8	4.5	6.8	6.0	8.0	6.7	7.0	8.9	5.7	7.9	5.7	6.5
BA 73-373	6.0	5.0	5.7	4.8	6.8	5.4	8.1	7.2	6.6	9.0	6.0	7.9	6.0	6.5
H86-690	6.3	5.3	5.9	4.5	5.7	5.8	8.3	7.3	5.9	8.9	6.7	8.0	5.7	6.5
ZPS-2183	7.0	4.5	6.7	4.0	6.5	5.5	7.8	6.8	7.0	9.0	6.2	7.3	6.0	6.5
CARDIFF	7.0	4.2	6.2	4.8	6.3	5.9	8.2	5.5	6.6	9.0	6.8	7.7	6.0	6.5
RAVEN	6.3	5.2	5.8	4.5	7.1	5.0	7.6	7.0	7.2	9.0	5.7	7.8	5.7	6.4

TABLE 27. (CONT'D)

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	IA2	IL1	MN1	MO1	MO3	NC1	NE1	NE2	OK1	ON1	PA1	QE1	UT1	MEAN
BARON	6.3	4.5	6.1	5.0	6.6	5.8	8.1	6.7	6.9	9.0	5.7	7.8	5.3	6.4
ABBEY	6.3	4.8	5.8	4.7	6.2	5.4	8.3	7.0	6.5	9.0	5.7	7.7	6.0	6.4
BA 77-702	6.7	4.5	5.5	4.8	6.8	5.4	7.8	7.2	6.5	9.0	5.7	7.8	5.7	6.4
SR 2100	6.7	5.2	5.7	4.7	6.5	5.1	7.8	7.0	6.8	9.0	6.3	7.6	5.0	6.4
BA 75-163	6.7	4.3	5.4	3.7	7.1	5.6	8.1	6.5	6.8	9.0	5.5	7.9	6.3	6.4
BA 76-197	6.7	4.2	6.7	4.5	5.6	5.9	8.0	6.5	6.5	9.0	6.0	7.7	5.3	6.4
KENBLUE	6.0	3.8	5.9	5.2	6.8	5.7	8.2	6.7	5.8	9.0	6.0	7.8	5.7	6.3
BA 70-060	6.3	4.7	5.8	5.2	6.1	5.7	7.8	6.5	6.6	9.0	5.3	7.4	6.0	6.3
SIDEKICK	6.3	4.3	5.5	4.3	6.8	6.0	7.7	6.7	7.0	9.0	5.2	7.3	6.0	6.3
VB 16015	6.7	4.5	5.6	4.0	7.0	5.9	7.8	5.5	6.4	9.0	5.7	7.6	6.3	6.3
PEPAYA (DP 37-192)	6.3	5.0	6.1	6.3	5.4	5.4	7.3	5.3	6.3	9.0	5.7	7.7	5.7	6.3
BA 81-220	5.7	4.3	6.0	4.7	6.5	5.2	7.8	5.3	6.9	9.0	6.0	8.0	5.7	6.2
BARUZO	6.3	4.2	5.9	5.2	6.2	5.3	6.6	6.5	6.3	9.0	6.0	7.6	5.7	6.2
BA 81-113	6.0	4.0	5.5	4.3	6.2	5.8	7.6	6.5	6.8	8.9	5.2	7.7	5.7	6.2
LSD VALUE	1.0	1.3	0.5	0.8	0.9	0.9	0.6	1.0	0.8	0.1	0.9	0.5	0.7	0.2
C.V. (%)	8.9	22.8	10.3	12.8	16.0	19.2	9.3	12.6	14.1	1.6	12.6	7.4	10.3	12.5

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

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

TABLE 28. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/											
NAME	IA1	IA2	KY1	ME1	MN1	MO1	MO3	NC1	OK1	PA1	MEAN
HAGA	63.3	94.5	97.0	70.0	96.9	81.3	99.0	91.8	98.1	89.0	88.1
BARONIE	50.0	94.5	96.3	70.0	97.4	92.2	97.5	93.1	97.9	88.3	87.7
CLASSIC	50.0	98.3	82.0	73.3	96.6	87.7	99.0	92.0	97.9	91.7	86.8
BARITONE (BAR VB 233)	53.3	82.2	90.0	73.3	94.6	86.1	99.0	90.1	98.2	94.0	86.1
LKB-95	56.7	88.8	93.8	73.3	90.8	82.9	99.0	89.2	95.7	90.3	86.0
BAR VB 3115B	66.7	79.5	89.2	63.3	95.3	84.3	99.0	87.3	97.2	92.3	85.4
NIMBUS	40.0	96.7	93.2	70.0	95.3	83.3	99.0	87.8	97.4	90.7	85.3
CALIBER	60.0	87.7	96.0	60.0	91.8	85.0	99.0	90.0	98.1	85.7	85.3
BLACKSBURG	56.7	88.0	87.7	70.0	93.5	81.1	99.0	87.0	98.0	90.0	85.1
UNIQUE	53.3	85.3	96.7	53.3	94.4	84.6	99.0	93.1	97.6	85.7	84.3
RAVEN	43.3	96.0	95.7	66.7	91.1	79.3	95.0	86.4	97.8	89.3	84.1
ZPS-309	40.0	86.0	90.3	70.0	90.5	86.4	99.0	92.4	98.1	85.3	83.8
BA 73-373	46.7	91.2	94.3	63.3	90.6	78.6	99.0	88.8	97.1	86.7	83.6
CHATEAU	30.0	93.5	93.8	63.3	92.2	90.6	99.0	89.5	97.8	86.3	83.6
MARQUIS	36.7	89.5	92.2	73.3	89.6	82.8	99.0	86.9	97.3	86.7	83.4
BA 81-270	40.0	93.5	81.2	66.7	95.6	82.7	99.0	89.2	98.3	84.7	83.1
NUSTAR	36.7	91.2	94.5	66.7	89.8	78.1	99.0	88.6	97.9	88.3	83.1
JEFFERSON	40.0	83.5	97.8	56.7	94.4	79.4	98.3	93.4	97.7	89.0	83.0
BRILLIANT (PST-B2-42)	56.7	82.0	95.8	50.0	91.5	78.2	99.0	94.9	97.7	83.7	82.9
PLATINI	40.0	90.3	79.0	70.0	95.2	83.9	99.0	86.5	97.9	87.7	82.9
BA 81-113	40.0	89.7	92.7	70.0	89.3	75.8	99.0	90.3	98.0	84.3	82.9
LIBERATOR (ZPS-2572)	53.3	69.8	95.0	63.3	90.6	80.1	99.0	93.8	98.2	84.3	82.8
PICK 8	40.0	89.5	93.8	60.0	93.2	81.3	99.0	87.0	98.0	84.0	82.6
CHAMPAGNE (LTP-621)	23.3	89.5	95.5	76.7	93.7	73.0	99.0	88.5	97.6	88.7	82.5
LIMOUSINE	60.0	81.2	80.7	56.7	95.1	83.2	99.0	79.5	96.1	92.0	82.3
SEABRING (BA 79-260)	46.7	87.0	92.0	60.0	93.4	76.6	99.0	85.6	96.8	81.3	81.8
FORTUNA	26.7	82.8	90.7	73.3	90.3	83.2	99.0	87.6	97.7	87.0	81.8
KENBLUE	56.7	87.7	80.5	53.3	91.6	67.8	99.0	90.8	97.6	93.0	81.8
CHALLENGER	36.7	86.3	94.2	53.3	94.5	84.4	99.0	87.9	97.7	83.7	81.8
BARIRIS (BAR VB 5649)	33.3	72.3	90.2	66.7	94.0	85.4	99.0	90.0	97.8	87.7	81.6
BARONETTE (BA 81-058)	36.7	86.2	93.3	60.0	90.0	76.1	99.0	88.8	98.1	88.0	81.6
BA 75-490	30.0	97.7	91.5	60.0	92.3	73.7	99.0	88.1	97.9	85.7	81.6
MED-1580	36.7	78.0	93.0	63.3	91.6	86.7	99.0	88.3	90.4	87.0	81.4
SR 2100	30.0	85.5	91.2	63.3	93.1	78.4	99.0	86.5	96.6	87.3	81.1
ZPS-2183	43.3	72.3	89.2	63.3	92.5	82.4	99.0	83.7	97.2	87.3	81.0
AMERICA	30.0	83.8	97.5	53.3	93.5	81.9	99.0	89.1	97.4	84.0	81.0
ENVICTA (BA 75-173)	26.7	90.3	95.8	56.7	87.4	78.2	99.0	90.3	97.4	87.3	80.9
BA 70-060	33.3	86.2	94.5	66.7	86.6	74.3	99.0	85.6	97.6	85.0	80.9
BARON	56.7	84.7	79.3	53.3	91.6	74.1	99.0	86.8	94.8	86.3	80.7
ALLURE	26.7	89.5	91.8	50.0	91.5	83.9	99.0	87.8	97.9	87.0	80.5
EXPLORER (PICK-3561)	33.3	79.7	92.5	63.3	89.2	80.9	97.5	86.2	98.0	84.3	80.5
NJ-GD	30.0	79.7	92.0	66.7	93.3	70.8	99.0	86.3	97.9	88.7	80.4
ABBAY	53.3	78.8	88.5	50.0	90.5	72.6	99.0	88.0	97.0	85.7	80.3
SRX 2205	43.3	91.8	58.5	60.0	91.7	85.0	99.0	85.1	96.9	91.3	80.3
ABSOLUTE (MED-1497)	43.3	71.5	85.8	53.3	91.3	82.2	98.3	90.6	98.1	88.0	80.3

TABLE 28. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS											
NAME	IA1	IA2	KY1	ME1	MN1	MO1	MO3	NC1	OK1	PA1	MEAN
COVENTRY	36.7	78.0	87.3	53.3	94.3	76.3	99.0	89.7	97.8	89.7	80.2
SHAMROCK	40.0	80.7	86.5	60.0	92.8	75.3	99.0	84.5	96.3	86.7	80.2
LIVINGSTON	26.7	79.5	94.3	56.7	92.6	81.6	99.0	87.3	97.4	86.3	80.1
WILDWOOD	36.7	87.2	77.0	53.3	93.5	81.3	99.0	86.9	97.9	87.7	80.0
BLACKSTONE (PST-638)	33.3	83.0	85.3	60.0	92.5	77.9	99.0	88.7	97.0	83.7	80.0
GLADE	23.3	73.0	95.3	63.3	88.9	79.8	99.0	89.8	97.9	89.3	80.0
RAMBO (J-2579)	30.0	71.5	91.5	63.3	93.7	80.0	99.0	84.1	98.1	87.7	79.9
PRINCETON 105	30.0	82.0	90.5	50.0	95.5	73.6	98.3	94.5	97.6	86.0	79.8
SERENE (PST-A7-245A)	30.0	84.5	91.3	61.7	89.2	81.7	97.5	89.1	97.4	75.3	79.8
AWARD	46.7	68.2	94.7	53.3	89.3	75.9	99.0	86.2	98.0	86.0	79.7
NUGLADE	33.3	70.7	92.3	63.3	87.5	75.8	99.0	90.8	98.4	83.7	79.5
ODYSSEY (J-1561)	36.7	81.2	91.0	53.3	85.9	74.0	99.0	88.8	98.2	86.7	79.5
TOTAL ECLIPSE (TCR-1738)	33.3	75.3	93.3	53.3	91.3	73.6	99.0	90.8	97.6	86.7	79.4
BA 81-220	36.7	73.2	89.8	56.7	92.3	78.8	99.0	81.9	97.1	87.7	79.3
DRAGON (ZPS-429)	26.7	84.7	89.5	60.0	89.1	73.9	99.0	89.8	96.6	83.7	79.3
CONNI	23.3	88.7	76.0	56.7	92.1	88.2	99.0	84.8	97.7	85.7	79.2
CHICAGO (J-2582)	30.0	89.5	90.7	43.3	90.2	79.3	99.0	85.3	97.8	86.3	79.1
BA 77-702	20.0	86.3	89.0	56.7	93.8	77.8	99.0	87.6	96.7	84.0	79.1
ECLIPSE	23.3	87.2	94.0	53.3	89.8	73.7	99.0	87.0	98.1	84.0	78.9
PST-P46	20.0	88.7	85.7	53.3	92.0	79.3	99.0	84.0	97.3	88.3	78.8
GOLDRUSH (BA 87-102)	36.7	72.3	81.3	56.7	89.3	82.9	99.0	89.3	94.3	84.7	78.7
QUANTUM LEAP (J-1567)	36.7	71.5	93.0	46.7	88.6	79.2	99.0	86.8	97.7	87.3	78.6
PST-BO-165	33.3	81.3	91.0	43.3	88.9	80.4	99.0	87.5	97.6	83.7	78.6
JEWEL (BA 81-227)	23.3	74.7	82.0	63.3	92.3	78.3	99.0	91.9	98.0	83.0	78.6
ADVOCATE (HV 130)	26.7	85.5	81.3	60.0	92.8	74.9	99.0	83.5	97.3	84.3	78.5
BLUECHIP (MED-1991)	40.0	83.7	77.5	56.7	85.6	71.1	98.3	86.4	97.7	87.3	78.4
H86-690	60.0	78.8	70.3	56.7	86.7	71.7	99.0	88.3	83.8	87.3	78.3
NORTH STAR (PST-A7-60)	30.0	83.0	82.0	50.0	92.3	82.4	98.3	89.1	97.4	77.3	78.2
APOLLO (PST-B3-180)	23.3	77.2	86.7	50.0	92.0	77.8	99.0	93.3	97.6	84.0	78.1
RUGBY II (MED-18)	30.0	77.0	90.7	46.7	88.3	75.4	99.0	89.5	98.2	85.7	78.1
ARCADIA (J-1936)	30.0	75.5	86.2	50.0	89.2	71.6	99.0	90.8	98.2	88.3	77.9
MIDNIGHT	33.3	68.0	81.0	56.7	88.3	76.4	99.0	92.8	98.0	83.7	77.7
A88-744	36.7	69.7	93.3	56.7	85.1	70.2	99.0	89.8	97.6	78.3	77.6
SHOWCASE (PST-BO-141)	40.0	86.3	87.5	30.0	88.3	74.2	99.0	91.2	97.6	81.7	77.6
BARTITIA	43.3	79.8	53.5	53.3	93.3	85.7	99.0	81.8	96.6	88.0	77.4
J-1555	23.3	82.0	89.8	50.0	87.7	74.2	99.0	83.8	98.1	86.0	77.4
NJ-54	26.7	87.0	86.7	33.3	91.5	85.4	97.5	85.8	97.7	81.7	77.3
LIPOA	30.0	81.3	60.2	56.7	93.0	87.9	98.3	84.9	97.6	82.7	77.3
VB 16015	33.3	78.0	85.8	43.3	88.3	75.8	97.7	90.8	96.8	82.3	77.2
IMPACT (J-1576)	30.0	60.0	91.7	60.0	84.3	74.0	99.0	90.0	98.2	83.3	77.0
HV 242	20.0	79.7	83.2	36.7	90.4	80.6	99.0	85.8	97.8	86.0	75.9
LTP-620	16.7	72.8	90.8	53.3	88.0	68.4	99.0	89.3	98.0	82.0	75.8
SR 2000	20.0	66.5	89.5	45.0	93.5	76.0	99.0	87.1	98.1	80.7	75.5
ASCOT	26.7	78.8	71.3	56.7	88.5	73.6	99.0	86.6	93.4	80.3	75.5
PICK-855	26.7	81.3	90.7	35.0	87.8	68.7	97.5	86.3	97.1	83.3	75.4

TABLE 28. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS											
NAME	IA1	IA2	KY1	ME1	MN1	MO1	MO3	NC1	OK1	PA1	MEAN
SIDEKICK	30.0	70.3	94.0	30.0	87.8	71.4	98.3	92.1	97.8	82.3	75.4
BA 76-197	23.3	59.0	85.7	53.3	91.0	68.7	99.0	91.5	93.2	86.3	75.1
MOONLIGHT (PST-A418)	13.3	68.8	90.7	46.7	88.8	77.2	99.0	87.9	96.7	79.7	74.9
MISTY (BA 76-372)	20.0	72.2	80.7	50.0	88.0	71.4	99.0	89.2	97.7	80.0	74.8
COMPACT	16.7	81.2	84.8	50.0	71.8	70.9	99.0	90.3	97.4	84.3	74.7
NJ 1190	30.0	80.5	66.7	46.7	90.3	73.6	99.0	85.0	89.2	85.0	74.6
CARDIFF	26.7	62.2	71.2	50.0	82.8	75.2	98.3	92.3	97.6	84.0	74.0
SODNET	30.0	78.8	49.3	46.7	89.2	75.4	99.0	87.3	97.1	83.0	73.6
SR 2109	16.7	69.0	80.3	36.7	89.5	66.3	99.0	87.5	96.3	89.7	73.1
BA 75-163	16.7	74.5	94.3	36.7	80.0	61.1	99.0	84.8	98.1	80.3	72.5
PEPAYA (DP 37-192)	33.3	74.0	40.7	56.7	81.8	75.9	95.8	85.8	96.4	76.3	71.7
BAR VB 6820	33.3	62.3	50.5	53.3	69.0	62.6	97.3	86.8	96.2	79.0	69.0
BARUZO	33.3	88.0	53.7	35.0	36.7	70.8	99.0	89.7	97.7	84.0	68.8
LSD VALUE	28.0	26.1	18.8	23.8	8.6	24.4	1.8	7.9	4.1	6.5	5.0
C.V. (%)	49.2	28.3	19.2	26.0	11.8	33.6	1.6	11.2	4.5	4.7	18.7

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

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

TABLE 29. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/									
	IA2	MN1	MO1	MO3	NC1	NJ1	NJ2	OK1	VA1	MEAN
UNIQUE	72.5	86.8	88.7	99.0	83.4	76.8	87.0	91.6	86.7	85.8
BRILLIANT (PST-B2-42)	71.7	87.5	87.0	96.0	91.0	72.8	93.3	89.4	81.7	85.6
PRINCETON 105	71.7	93.2	74.3	99.0	89.7	71.7	85.7	90.3	86.0	84.6
AMERICA	73.3	88.2	86.0	99.0	85.9	71.0	84.3	91.2	80.0	84.3
APOLLO (PST-B3-180)	65.0	88.7	87.0	98.3	90.7	74.2	90.0	94.5	70.0	84.3
SHOWCASE (PST-BO-141)	73.3	76.4	82.0	97.5	90.5	84.2	88.3	86.8	78.3	84.1
JEFFERSON	69.0	89.5	85.2	97.5	85.5	66.2	83.3	93.6	83.3	83.7
PICK 8	67.5	92.9	74.3	97.5	81.6	77.5	65.0	93.6	92.7	82.5
MIDNIGHT	61.7	90.1	84.3	94.2	87.6	75.3	83.3	94.1	66.7	81.9
NUGLADE	64.2	85.8	81.3	97.5	86.8	69.2	85.7	96.4	65.0	81.3
LIBERATOR (ZPS-2572)	60.8	91.8	79.0	96.7	89.9	66.5	79.3	92.8	73.3	81.1
TOTAL ECLIPSE (TCR-1738)	67.5	83.9	78.8	98.3	82.9	62.7	89.7	91.9	73.3	81.0
ODYSSEY (J-1561)	69.2	82.5	71.3	97.5	81.7	75.0	86.0	93.7	71.7	80.9
GLADE	64.2	90.4	85.2	92.5	83.1	70.7	75.0	89.5	71.7	80.2
AWARD	60.8	85.7	77.3	97.5	87.7	60.5	77.3	95.4	76.7	79.9
BA 75-490	78.2	85.0	72.2	99.0	82.0	64.2	69.0	88.3	78.3	79.6
RUGBY II (MED-18)	68.3	87.3	74.5	97.5	78.3	67.7	73.3	90.4	78.3	79.5
IMPACT (J-1576)	53.3	81.1	78.2	97.5	86.9	69.7	81.7	94.3	71.7	79.4
QUANTUM LEAP (J-1567)	63.3	85.9	82.7	99.0	77.9	40.8	92.7	92.4	78.3	79.2
NUSTAR	78.3	77.5	84.3	95.8	86.6	60.8	51.7	92.3	85.0	79.2
MOONLIGHT (PST-A418)	60.0	80.4	82.8	87.7	83.9	65.5	91.3	88.8	68.3	78.8
BLACKSBURG	61.7	88.8	92.8	92.7	88.3	50.8	49.0	92.8	87.0	78.2
BARONIE	73.3	91.3	93.7	99.0	89.5	44.2	36.7	93.8	81.7	78.1
WILDWOOD	73.3	94.0	82.3	90.3	84.9	42.7	70.0	91.1	73.3	78.0
FORTUNA	67.3	86.8	87.2	92.5	82.3	33.7	82.3	92.2	76.7	77.9
HAGA	74.2	94.5	84.5	99.0	85.6	35.8	40.0	91.1	96.0	77.9
ECLIPSE	70.8	90.7	80.2	97.5	85.7	45.2	77.0	95.2	58.3	77.8
DRAGON (ZPS-429)	65.0	85.3	84.3	95.0	84.5	65.2	41.7	88.3	90.0	77.7
BA 77-702	65.0	92.3	80.7	94.2	76.9	29.5	79.0	89.3	91.0	77.5
NORTH STAR (PST-A7-60)	65.8	95.3	89.5	87.7	88.1	69.2	46.7	87.1	68.3	77.5
KENBLUE	79.8	88.8	80.7	97.5	86.7	25.3	76.7	85.1	72.7	77.0
RAVEN	70.7	81.9	82.0	98.3	76.3	34.2	65.7	92.0	90.0	76.8
CLASSIC	83.0	88.7	91.0	99.0	88.2	41.3	14.7	88.3	96.0	76.7
BAR VB 3115B	84.2	94.1	82.8	90.8	79.8	26.0	51.7	87.9	91.7	76.6
BLACKSTONE (PST-638)	55.8	91.0	80.8	86.2	86.5	76.0	58.3	90.3	61.7	76.3
ASCOT	63.3	83.6	74.0	95.8	81.8	43.8	90.7	86.6	66.7	76.3
CHAMPAGNE (LTP-621)	74.2	82.1	66.8	88.0	79.2	56.7	56.7	90.8	91.0	76.2
CHATEAU	81.5	90.4	91.7	94.2	83.9	10.3	50.0	90.9	90.0	75.9
LIVINGSTON	62.3	89.3	84.3	87.8	82.3	33.2	65.0	88.9	88.3	75.7
NJ-54	67.5	88.2	83.5	95.2	83.5	44.3	60.0	90.3	68.3	75.6
BARONETTE (BA 81-058)	65.0	83.2	77.2	97.5	80.1	57.2	48.3	92.3	79.3	75.6
PST-P46	75.0	92.3	85.5	91.8	76.7	27.0	63.3	87.9	80.0	75.5
MARQUIS	69.2	85.8	91.2	92.7	80.0	26.8	55.0	88.9	90.0	75.5
NJ-GD	66.7	91.0	75.2	94.2	88.3	24.0	56.7	90.0	92.3	75.4
CHALLENGER	65.8	85.8	88.3	95.2	87.9	21.5	75.0	94.0	63.3	75.2

TABLE 29. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS										
NAME	IA2	MN1	MO1	MO3	NC1	NJ1	NJ2	OK1	VA1	MEAN
BA 81-220	58.3	90.2	84.3	92.7	74.3	37.3	63.3	90.6	85.0	75.1
ABSOLUTE (MED-1497)	56.7	87.5	85.7	91.0	80.2	25.7	72.7	93.0	83.3	75.1
SR 2000	50.0	84.6	75.5	98.3	77.5	36.5	73.3	95.3	83.3	74.9
BA 70-060	75.7	86.7	72.5	89.5	85.8	29.2	60.0	86.3	88.3	74.9
CALIBER	69.0	82.8	88.2	92.5	88.5	39.2	48.0	86.9	78.3	74.8
BARON	65.0	90.2	81.3	97.5	83.3	21.7	63.3	90.0	80.0	74.7
ALLURE	75.8	86.0	91.7	99.0	83.6	14.5	56.7	89.3	75.0	74.6
ARCADIA (J-1936)	66.7	86.9	74.8	87.7	76.0	55.5	87.3	91.9	43.3	74.5
ZPS-2183	55.8	89.7	85.0	79.5	79.6	55.5	80.0	92.9	51.7	74.4
PLATINI	59.2	85.2	92.3	95.0	86.0	55.0	28.7	89.1	75.0	73.9
SRX 2205	68.2	94.8	90.3	73.8	73.7	16.7	74.0	83.9	86.0	73.5
COVENTRY	72.5	90.3	82.7	91.2	79.9	10.7	66.0	94.0	73.3	73.4
SIDEKICK	65.8	84.2	72.7	96.0	85.9	41.7	48.3	92.3	70.0	73.0
J-1555	65.0	80.0	77.8	94.3	76.2	42.0	63.3	91.6	63.3	72.6
EXPLORER (PICK-3561)	67.5	82.4	85.3	98.3	78.9	24.8	46.7	91.2	76.7	72.4
SR 2100	67.5	84.2	81.7	97.5	85.4	31.7	32.3	90.2	79.3	72.2
BA 81-270	81.5	92.3	87.8	91.2	84.9	15.5	38.3	90.8	66.7	72.1
ENVICTA (BA 75-173)	75.8	82.5	81.7	96.0	85.5	18.2	39.0	89.9	80.0	72.1
SEABRING (BA 79-260)	75.0	93.6	84.3	96.0	79.7	17.5	58.3	83.4	60.0	72.0
MED-1580	70.8	88.7	91.7	86.8	77.9	20.5	46.7	74.6	88.3	71.8
ZPS-309	49.8	82.5	90.2	99.0	86.8	41.7	16.0	90.7	86.7	71.5
SERENE (PST-A7-245A)	78.3	82.7	87.2	96.0	82.1	17.3	41.7	85.9	71.7	71.4
BLUECHIP (MED-1991)	70.8	77.2	73.5	89.5	76.1	16.7	61.7	92.0	85.0	71.4
NIMBUS	75.5	94.3	85.8	86.2	82.9	9.0	24.7	91.3	91.0	71.2
LIMOUSINE	66.7	88.8	91.7	90.8	85.3	36.8	14.3	80.9	84.7	71.1
CHICAGO (J-2582)	75.0	81.7	79.5	95.8	79.3	31.2	27.7	92.1	76.7	71.0
ABBAY	63.3	86.3	74.7	90.3	83.5	30.3	29.3	91.2	87.7	70.7
ADVOCATE (HV 130)	70.8	94.5	80.5	92.0	77.6	11.3	30.3	86.9	90.0	70.4
RAMBO (J-2579)	65.0	85.3	88.8	93.5	81.4	30.3	39.3	91.3	58.3	70.4
BA 73-373	72.5	87.4	78.3	94.3	82.1	20.5	21.0	93.2	83.3	70.3
BARTITIA	61.7	92.8	92.0	87.0	79.9	10.5	75.0	90.9	41.7	70.2
CONNI	70.0	87.3	95.8	92.7	84.4	17.3	11.7	87.7	81.7	69.8
SR 2109	60.8	89.9	60.5	93.7	79.9	17.2	63.3	79.8	83.3	69.8
JEWEL (BA 81-227)	68.3	84.2	78.8	83.7	84.3	24.5	49.3	93.4	61.7	69.8
GOLDRUSH (BA 87-102)	57.5	81.9	86.0	97.5	86.0	30.3	42.3	82.9	60.0	69.4
SHAMROCK	66.7	81.3	74.2	92.0	81.1	24.3	35.0	83.9	80.0	68.7
BA 81-113	65.8	85.3	78.8	95.2	83.3	6.7	26.7	92.4	83.3	68.6
BARIRIS (BAR VB 5649)	46.7	83.6	86.2	90.8	83.8	34.2	18.0	86.6	86.7	68.5
A88-744	60.8	60.0	68.0	99.0	86.3	48.2	14.0	89.4	88.3	68.2
PICK-855	75.8	88.2	65.8	80.5	81.7	24.0	24.3	87.2	81.7	67.7
BARITONE (BAR VB 233)	49.2	86.0	89.7	99.0	82.3	24.7	12.3	88.0	76.7	67.5
LKB-95	76.7	93.1	86.2	75.3	86.5	16.5	38.3	76.8	53.3	67.0
NJ 1190	71.7	93.0	81.3	65.8	80.9	15.0	37.3	75.1	80.0	66.7
BA 76-197	52.5	89.0	76.2	82.8	81.2	7.2	43.3	87.8	78.3	66.5
PST-BO-165	56.7	85.6	89.5	97.5	83.6	14.3	25.0	87.8	56.7	66.3

TABLE 29. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS										
NAME	IA2	MN1	MO1	MO3	NC1	NJ1	NJ2	OK1	VA1	MEAN
SODNET	70.0	84.6	79.5	93.5	80.7	7.3	45.0	80.9	53.3	66.1
CARDIFF	58.3	80.5	80.2	89.7	87.4	4.3	56.7	81.8	55.0	66.0
H86-690	57.5	69.8	73.0	85.3	85.0	14.0	78.3	71.7	56.7	65.7
BAR VB 6820	55.8	67.2	69.3	78.2	76.9	16.3	51.7	85.2	90.0	65.6
MISTY (BA 76-372)	59.2	89.2	75.8	84.3	80.7	7.3	48.3	90.8	53.3	65.5
COMPACT	68.3	70.4	73.0	97.5	80.3	9.3	32.3	83.3	72.7	65.2
VB 16015	68.3	75.4	85.2	98.3	88.2	20.7	41.7	81.9	26.7	65.2
BA 75-163	70.0	56.7	57.5	86.8	81.7	25.0	45.0	86.1	73.3	64.7
HV 242	60.8	80.9	84.2	95.8	77.7	11.7	8.3	85.9	75.0	64.5
LIPOA	63.3	88.1	91.8	80.5	79.4	8.5	19.3	84.8	61.7	64.2
LTP-620	60.0	76.7	56.3	92.8	84.3	13.2	22.7	90.8	66.7	62.6
BARUZO	65.8	47.8	79.3	86.3	87.2	5.8	6.7	85.3	71.7	59.6
PEPAYA (DP 37-192)	42.5	84.0	88.7	72.3	85.9	4.2	16.7	83.2	21.7	55.4
LSD VALUE	23.0	10.1	22.0	14.2	13.6	26.5	34.2	10.4	25.4	5.7
C.V. (%)	30.4	14.6	23.7	13.5	22.8	64.4	39.4	14.6	21.0	23.1

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

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/									
	IA2	KY1	MN1	MO1	MO3	NC1	NJ1	NJ2	OK1	MEAN
AMERICA	82.2	93.7	93.0	95.8	99.0	83.5	80.8	94.8	92.2	90.6
APOLLO (PST-B3-180)	78.8	91.1	95.4	97.2	99.0	89.9	77.5	90.8	93.9	90.4
PRINCETON 105	84.5	80.4	94.0	97.5	99.0	92.3	79.3	92.0	89.9	89.9
BRILLIANT (PST-B2-42)	84.5	92.8	93.9	93.7	96.0	88.6	80.2	90.2	88.1	89.8
UNIQUE	81.3	96.8	89.9	96.8	99.0	86.8	70.2	91.0	93.8	89.5
JEFFERSON	73.0	97.3	91.6	97.5	99.0	89.6	69.2	94.3	92.8	89.4
NUGLADE	74.0	95.4	92.2	95.3	99.0	91.5	61.7	95.2	97.4	89.1
PICK 8	79.5	91.4	89.6	95.5	99.0	86.3	75.3	82.8	95.8	88.4
LIBERATOR (ZPS-2572)	76.5	92.6	94.1	93.5	96.0	91.8	66.7	89.7	93.3	88.2
SHOWCASE (PST-BO-141)	78.7	92.3	89.2	93.7	99.0	87.1	72.2	90.3	90.9	88.2
ODYSSEY (J-1561)	78.0	93.8	86.6	90.7	99.0	90.7	69.0	87.7	94.8	87.8
AWARD	75.5	96.8	92.4	90.3	99.0	88.8	56.7	94.0	95.5	87.7
BA 75-490	83.7	87.6	92.0	92.8	99.0	85.8	65.8	91.2	90.6	87.6
BARONIE	76.2	93.1	92.6	98.2	99.0	89.1	64.2	77.5	95.6	87.3
MIDNIGHT	77.2	94.9	92.4	93.5	99.0	87.2	54.8	90.2	95.8	87.2
RUGBY II (MED-18)	83.7	94.1	92.3	92.7	99.0	84.1	57.5	81.3	91.8	86.3
SIDEKICK	83.7	95.1	87.3	86.2	99.0	84.8	53.5	90.0	92.9	85.8
MOONLIGHT (PST-A418)	78.8	87.1	90.2	91.3	89.7	79.8	68.3	94.0	91.3	85.6
ECLIPSE	77.2	93.1	95.0	94.5	99.0	84.4	57.0	72.8	95.1	85.3
IMPACT (J-1576)	70.0	90.6	88.8	90.2	99.0	88.1	50.8	92.3	94.0	84.9
BLACKSTONE (PST-638)	74.8	62.2	95.3	91.8	89.7	91.6	75.5	88.8	93.1	84.8
NUSTAR	75.5	83.0	83.0	98.7	96.0	91.8	59.2	81.2	93.9	84.7
BARONETTE (BA 81-058)	74.5	94.4	85.4	91.5	99.0	85.1	45.3	91.3	92.4	84.3
TOTAL ECLIPSE (TCR-1738)	81.2	96.1	90.8	89.8	99.0	85.2	29.0	92.7	95.3	84.3
HAGA	75.3	95.1	92.8	97.3	99.0	89.5	28.2	88.8	92.8	84.3
QUANTUM LEAP (J-1567)	74.0	91.2	90.8	96.3	99.0	82.4	45.8	87.7	91.3	84.3
CHAMPAGNE (LTP-621)	81.5	93.7	92.1	92.3	94.7	82.4	45.5	83.3	91.8	84.1
CLASSIC	82.8	91.1	94.2	97.5	99.0	92.8	32.7	81.3	85.7	84.1
GLADE	78.8	86.2	90.3	96.8	92.7	89.0	41.5	76.3	94.5	82.9
DRAGON (ZPS-429)	68.0	81.7	86.2	96.5	96.0	82.3	59.2	86.8	87.2	82.6
CHALLENGER	76.3	92.1	92.6	96.0	99.0	84.1	20.5	86.2	93.8	82.3
CALIBER	75.5	86.0	87.4	97.8	96.0	87.0	38.0	82.0	89.1	82.1
NJ-54	73.8	84.3	91.9	97.8	99.0	81.8	37.0	83.2	88.4	81.9
BLACKSBURG	70.5	62.4	94.8	98.2	96.0	86.3	42.0	90.2	94.0	81.6
SEABRING (BA 79-260)	79.5	86.6	94.2	96.3	99.0	86.2	15.2	90.5	84.8	81.4
BA 77-702	82.2	85.9	95.3	94.8	96.0	88.4	19.5	78.3	88.8	81.0
BAR VB 3115B	87.2	82.0	95.2	95.8	79.3	85.7	41.0	71.2	89.3	80.7
PLATINI	69.5	56.3	94.6	98.3	96.0	89.6	44.7	86.8	90.8	80.7
A88-744	71.5	89.4	76.1	84.8	99.0	85.4	52.0	76.7	91.4	80.7
KENBLUE	82.2	73.2	93.2	97.3	99.0	85.4	21.8	80.7	92.6	80.6
LIVINGSTON	69.7	83.0	93.3	98.3	86.7	84.3	22.8	93.3	93.8	80.6
ARCADIA (J-1936)	78.8	85.2	90.3	91.2	82.7	86.0	47.2	69.8	93.8	80.5
CHICAGO (J-2582)	79.5	81.2	88.2	96.2	99.0	86.2	21.5	79.2	93.4	80.5
CHATEAU	88.7	69.9	95.2	98.7	92.7	84.6	10.8	88.8	94.1	80.4
ABBAY	75.5	87.9	90.6	93.5	96.0	88.7	24.2	79.8	85.8	80.2

TABLE 30. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS										
NAME	IA2	KY1	MN1	MO1	MO3	NC1	NJ1	NJ2	OK1	MEAN
RAMBO (J-2579)	79.7	81.7	89.8	98.5	93.0	83.1	18.0	82.2	94.8	80.1
FORTUNA	78.0	85.0	91.7	94.2	94.3	85.6	26.3	70.3	94.3	80.0
SR 2000	65.7	92.2	86.7	92.5	99.0	76.6	38.7	70.8	96.9	79.9
VB 16015	82.8	80.1	82.8	96.5	97.7	87.2	13.2	89.0	88.9	79.8
RAVEN	80.3	81.2	85.8	98.2	99.0	78.8	25.2	76.2	92.6	79.7
BA 81-220	72.5	87.1	94.4	95.0	96.0	74.6	30.0	78.8	87.0	79.5
ALLURE	78.7	81.2	89.6	98.8	99.0	81.2	14.5	80.2	92.3	79.5
EXPLORER (PICK-3561)	78.0	84.8	88.2	98.7	99.0	82.0	19.3	73.2	91.6	79.4
SERENE (PST-A7-245A)	87.2	85.0	85.9	95.0	96.0	75.8	15.8	81.5	92.3	79.4
ENVICTA (BA 75-173)	85.3	90.0	87.4	96.5	99.0	81.3	12.0	71.7	90.8	79.3
BA 73-373	76.3	86.6	92.3	92.8	96.0	82.7	15.5	77.2	93.3	79.2
MARQUIS	76.2	76.8	91.6	96.5	96.0	81.3	19.5	82.7	89.8	78.9
BA 70-060	83.0	83.1	91.3	91.5	85.0	83.4	19.5	86.8	86.4	78.9
COENTRY	83.8	72.8	91.2	96.3	93.0	85.5	10.5	84.8	92.1	78.9
NJ-GD	72.2	67.1	93.9	89.5	96.0	83.9	28.8	87.5	91.1	78.9
PST-BO-165	75.3	83.1	89.0	98.7	99.0	83.3	18.2	72.0	90.9	78.8
BARIRIS (BAR VB 5649)	68.8	66.3	93.6	98.3	82.7	85.4	35.8	84.0	92.8	78.6
J-1555	78.8	82.9	81.3	97.7	99.0	74.3	31.3	66.8	94.2	78.5
BARITONE (BAR VB 233)	66.3	65.6	90.0	98.8	99.0	84.3	32.8	76.3	91.7	78.3
WILDWOOD	77.2	60.6	95.8	98.2	99.0	86.3	23.2	73.7	90.8	78.3
JEWEL (BA 81-227)	79.8	62.2	91.0	93.0	96.0	84.2	27.2	75.8	92.5	78.0
SHAMROCK	80.3	71.3	90.2	93.3	96.0	79.3	22.8	79.3	88.1	77.9
BARON	75.5	73.4	92.3	95.8	96.0	82.7	15.7	77.5	90.8	77.7
LKB-95	84.7	69.7	95.7	98.0	69.7	84.4	27.0	88.8	80.5	77.6
LTP-620	83.0	78.6	85.2	84.7	96.0	83.4	15.3	77.2	93.8	77.5
BA 81-270	83.7	64.1	94.6	95.8	91.7	83.7	10.5	84.8	87.8	77.4
ZPS-309	58.7	63.8	84.7	98.7	99.0	90.4	31.7	73.2	96.2	77.4
PICK-855	77.0	80.4	93.9	94.0	81.7	79.3	13.0	88.3	88.6	77.3
ABSOLUTE (MED-1497)	64.8	78.4	93.8	96.7	96.0	85.3	12.5	73.3	95.2	77.3
NORTH STAR (PST-A7-60)	78.0	74.3	94.6	98.3	88.0	87.3	19.2	62.5	92.8	77.2
MED-1580	73.0	85.9	88.0	98.0	96.0	82.7	17.7	72.7	80.5	77.2
LIMOUSINE	82.8	57.4	95.0	98.8	99.0	83.6	24.2	73.8	79.0	77.1
CONNI	78.8	57.4	93.4	99.0	92.7	85.7	8.8	85.5	91.5	77.0
SR 2100	72.2	63.6	90.4	94.5	99.0	84.6	23.3	70.8	92.3	76.8
ZPS-2183	67.3	52.8	92.0	91.5	68.0	76.8	57.5	88.2	93.8	76.4
GOLDRUSH (BA 87-102)	74.7	75.0	93.0	96.3	96.0	83.7	12.3	70.3	86.4	76.4
BA 81-113	72.0	75.6	88.6	93.8	93.0	82.3	5.8	84.5	91.5	76.3
MISTY (BA 76-372)	76.3	73.8	92.9	86.8	89.7	82.0	4.5	88.3	91.1	76.2
PST-P46	75.3	59.2	93.8	94.5	94.3	77.8	25.0	74.0	87.8	75.7
BA 76-197	71.5	68.2	95.1	95.3	78.3	84.8	10.7	92.5	85.2	75.7
HV 242	66.3	61.9	86.0	98.2	96.0	80.3	18.3	77.7	90.8	75.1
NIMBUS	84.5	68.3	94.6	97.5	86.3	72.5	12.0	68.5	89.7	74.9
BLUECHIP (MED-1991)	82.2	58.0	81.3	93.2	96.0	77.2	23.5	66.3	93.1	74.5
BA 75-163	72.0	90.2	69.4	87.8	86.0	82.6	14.5	78.0	88.2	74.3
COMPACT	77.8	61.9	84.2	93.3	96.0	81.6	5.5	74.8	89.8	73.9

TABLE 30. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

NAME	PERCENT LIVING GROUND COVER IN FALL: LOCATIONS									
	IA2	KY1	MN1	MO1	MO3	NC1	NJ1	NJ2	OK1	MEAN
ASCOT	73.2	52.7	88.8	85.2	99.0	77.8	12.7	87.5	88.0	73.9
SR 2109	71.5	52.0	91.8	81.8	93.0	83.1	20.8	89.2	78.3	73.5
CARDIFF	72.3	49.3	86.0	92.0	93.0	91.8	6.3	86.8	81.8	73.3
ADVOCATE (HV 130)	77.8	56.3	96.2	97.0	91.3	75.4	11.8	63.5	89.2	73.2
NJ 1190	84.7	45.4	93.4	93.7	75.0	77.9	20.8	89.5	71.8	72.5
BARTITIA	76.5	28.4	93.6	98.8	93.0	83.1	6.3	75.0	89.5	71.6
SODNET	78.2	31.3	90.7	91.7	99.0	77.3	3.8	69.0	86.3	69.7
SRX 2205	72.0	39.0	97.1	96.5	66.7	72.3	11.2	84.7	81.5	69.0
LIPOA	68.0	28.9	93.4	98.8	83.3	84.4	4.5	61.5	86.4	67.7
H86-690	67.3	45.6	91.0	91.2	86.0	80.6	8.5	72.0	64.3	67.4
BAR VB 6820	73.8	21.7	71.7	87.0	83.3	84.6	9.3	84.5	86.1	66.9
BARUZO	77.2	28.3	47.5	94.7	96.0	85.8	2.5	77.7	89.6	66.6
PEPAYA (DP 37-192)	53.8	9.4	88.4	98.0	78.0	79.9	3.3	72.8	81.5	62.8
LSD VALUE	26.7	17.7	9.4	8.1	16.6	12.5	22.2	23.7	10.0	5.4
C.V. (%)	30.6	25.3	11.2	7.5	11.0	18.5	61.3	25.6	13.7	20.0

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

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

TABLE 31.

FROST TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	PA1	NAME	PA1	NAME	PA1
A88-744	9.0	LKB-95	9.0	TOTAL ECLIPSE (TCR-1738)	8.3
ABBAY	9.0	MARQUIS	9.0	HAGA	8.0
ABSOLUTE (MED-1497)	9.0	MED-1580	9.0	RAMBO (J-2579)	8.0
ADVOCATE (HV 130)	9.0	MIDNIGHT	9.0	ZPS-2183	8.0
ALLURE	9.0	MISTY (BA 76-372)	9.0	BARITONE (BAR VB 233)	7.7
AMERICA	9.0	MOONLIGHT (PST-A418)	9.0	COMPACT	7.7
APOLLO (PST-B3-180)	9.0	NIMBUS	9.0	EXPLORER (PICK-3561)	7.7
ARCADIA (J-1936)	9.0	NJ 1190	9.0	NORTH STAR (PST-A7-60)	7.7
ASCOT	9.0	NJ-54	9.0	CHAMPAGNE (LTP-621)	7.0
AWARD	9.0	NJ-GD	9.0	ZPS-309	7.0
EA 70-060	9.0	NUGLADE	9.0	BAR VB 3115B	6.7
EA 73-373	9.0	NUSTAR	9.0	LTP-620	6.3
EA 75-163	9.0	PEPAYA (DP 37-192)	9.0	LIMOUSINE	3.3
EA 75-490	9.0	PICK 8	9.0		
EA 76-197	9.0	PICK-855	9.0	LSD VALUE	1.1
EA 77-702	9.0	PRINCETON 105	9.0	C.V. (%)	8.0
EA 81-113	9.0	PST-BO-165	9.0		
EA 81-220	9.0	PST-P46	9.0		
EA 81-270	9.0	QUANTUM LEAP (J-1567)	9.0		
EAR VB 6820	9.0	RAVEN	9.0		
EARON	9.0	SEABRING (BA 79-260)	9.0		
EARONETTE (BA 81-058)	9.0	SERENE (PST-A7-245A)	9.0		
EARONIE	9.0	SHAMROCK	9.0		
EARUZO	9.0	SHOWCASE (PST-BO-141)	9.0		
ELACKSBURG	9.0	SIDEKICK	9.0		
ELACKSTONE (PST-638)	9.0	SODNET	9.0		
ELUECHIP (MED-1991)	9.0	SR 2000	9.0		
ERILLIANT (PST-B2-42)	9.0	SR 2109	9.0		
CHALLENGER	9.0	SRX 2205	9.0		
CHATEAU	9.0	UNIQUE	9.0		
CHICAGO (J-2582)	9.0	VB 16015	9.0		
CONNI	9.0	WILDWOOD	9.0		
COVENTRY	9.0	BARTITIA	8.7		
DRAGON (ZPS-429)	9.0	CARDIFF	8.7		
ENVICTA (BA 75-173)	9.0	ECLIPSE	8.7		
FORTUNA	9.0	IMPACT (J-1576)	8.7		
GLADE	9.0	PLATINI	8.7		
GOLDRUSH (BA 87-102)	9.0	BARIRIS (BAR VB 5649)	8.3		
H86-690	9.0	CALIBER	8.3		
HV 242	9.0	CLASSIC	8.3		
J-1555	9.0	JEFFERSON	8.3		
JEWEL (BA 81-227)	9.0	KENBLUE	8.3		
LIBERATOR (ZPS-2572)	9.0	ODYSSEY (J-1561)	8.3		
LIPOA	9.0	RUGBY II (MED-18)	8.3		
LIVINGSTON	9.0	SR 2100	8.3		

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

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

3/ FROST TOLERANCE RATED IN 1998.

TABLE 32. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

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

NAME	NC1	NJ1	NJ2	OK1	UB1	UT1	VA1	MEAN
CLASSIC	5.8	6.2	6.9	4.0	7.0	6.0	6.3	6.0
BLACKSTONE (PST-638)	6.7	6.7	5.8	5.3	7.0	4.0	6.3	6.0
ZPS-2183	6.0	5.2	6.3	5.0	6.7	5.3	7.0	5.9
SR 2109	6.0	5.5	6.0	5.3	7.0	4.3	7.0	5.9
BARONIE	6.0	5.3	6.6	4.5	7.0	6.0	5.3	5.8
DRAGON (ZPS-429)	5.9	5.8	5.7	5.0	6.7	4.7	7.0	5.8
MISTY (BA 76-372)	5.9	5.0	5.8	4.8	7.5	4.3	7.0	5.8
ABSOLUTE (MED-1497)	6.6	5.0	3.5	4.8	8.0	5.3	7.0	5.7
ZPS-309	5.1	5.0	6.3	5.0	6.0	5.3	7.3	5.7
BARONETTE (BA 81-058)	6.0	6.8	5.3	4.5	7.3	4.7	5.0	5.7
NIMBUS	5.3	5.7	6.3	4.8	6.7	4.7	6.0	5.6
CHAMPAGNE (LTP-621)	6.1	5.2	5.3	4.8	7.0	4.3	6.7	5.6
SR 2000	6.6	5.0	4.3	5.0	7.7	4.0	6.7	5.6
LIVINGSTON	6.1	6.0	5.7	4.7	7.0	4.3	5.3	5.6
HAGA	5.6	5.5	4.3	5.3	7.3	5.3	5.7	5.6
CHALLENGER	5.9	5.5	5.9	4.8	7.0	4.3	5.0	5.5
NJ 1190	5.0	4.7	5.3	4.7	6.3	5.7	6.7	5.5
BARIRIS (BAR VB 5649)	5.6	5.2	5.3	5.0	6.7	5.0	5.3	5.4
VB 16015	6.8	4.7	4.9	5.2	6.3	3.7	6.0	5.4
BLACKSBURG	5.8	4.8	5.5	4.8	6.7	4.0	5.7	5.3
NJ-GD	6.2	4.3	4.8	5.0	6.7	4.0	6.0	5.3
LTP-620	5.6	5.3	4.9	5.2	6.3	3.3	6.3	5.3
JEFFERSON	6.4	3.8	5.3	4.3	7.0	5.3	4.7	5.3
SHAMROCK	5.4	4.8	4.9	4.3	6.7	3.7	7.0	5.3
ECLIPSE	5.8	4.8	5.4	4.5	6.3	4.3	5.7	5.3
PICK 8	6.2	4.5	5.3	5.0	6.7	3.7	5.3	5.2
BA 75-490	6.2	4.7	4.8	4.8	5.0	4.0	7.0	5.2
TOTAL ECLIPSE (TCR-1738)	6.6	4.5	3.5	4.7	8.0	3.7	5.7	5.2
RAMBO (J-2579)	5.7	4.2	4.1	4.8	7.0	4.7	6.0	5.2
PICK-855	6.2	4.8	4.7	4.7	6.0	4.0	6.0	5.2
CHICAGO (J-2582)	6.1	4.3	4.0	4.8	7.7	4.7	4.7	5.2
ODYSSEY (J-1561)	6.8	3.5	3.6	4.7	7.3	3.3	7.0	5.2
BARITONE (BAR VB 233)	5.6	4.5	4.9	4.5	5.7	5.0	6.0	5.2
LIBERATOR (ZPS-2572)	6.8	3.8	4.3	4.5	8.0	3.7	5.0	5.2
WILDWOOD	6.0	4.8	4.4	4.5	7.0	4.3	5.0	5.2
CALIBER	5.9	4.5	5.2	4.5	5.3	4.7	6.0	5.2
IMPACT (J-1576)	6.1	4.0	3.7	4.7	7.7	3.7	6.0	5.1
HV 242	5.3	3.8	4.9	4.5	6.7	4.3	6.0	5.1
H86-690	6.0	4.7	3.7	5.2	6.7	4.0	5.3	5.1
SIDEKICK	5.7	5.3	4.8	4.7	5.5	3.3	6.0	5.0
MOONLIGHT (PST-A418)	6.2	4.5	4.2	5.0	6.0	4.0	5.3	5.0
LKB-95	6.1	4.0	5.1	5.2	5.0	3.7	6.0	5.0
MIDNIGHT	7.3	3.2	3.6	4.5	7.7	3.7	5.0	5.0
MED-1580	6.0	3.2	3.9	5.2	6.3	3.7	6.7	5.0

TABLE 32. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

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

NAME	NC1	NJ1	NJ2	OK1	UB1	UT1	VA1	MEAN
ADVOCATE (HV 130)	6.6	4.8	4.2	4.3	6.0	3.7	5.3	5.0
PLATINI	5.2	3.3	5.0	4.7	5.7	5.3	5.7	5.0
EXPLORER (PICK-3561)	6.0	4.0	3.9	4.8	6.3	4.3	5.3	5.0
AWARD	6.8	3.5	3.2	4.3	7.3	3.7	5.7	4.9
RUGBY II (MED-18)	6.0	3.8	3.8	4.5	7.0	3.3	6.0	4.9
J-1555	7.0	3.2	4.0	4.5	6.7	3.7	5.3	4.9
NJ-54	4.8	4.7	4.3	4.5	6.5	4.3	5.3	4.9
CONNI	5.9	3.8	4.8	4.8	6.0	3.7	5.3	4.9
ARCADIA (J-1936)	6.4	3.7	3.8	4.7	7.3	3.7	4.7	4.9
SHOWCASE (PST-BO-141)	5.4	3.8	4.2	4.2	6.3	5.0	5.3	4.9
AMERICA	6.0	3.5	4.1	4.3	5.7	5.3	5.3	4.9
GLADE	6.3	3.2	3.8	5.3	6.7	4.3	4.7	4.9
NUGLADE	6.3	3.2	3.4	4.5	8.0	3.0	5.7	4.9
CARDIFF	6.1	4.2	5.1	4.3	6.0	3.0	5.3	4.9
BAR VB 3115B	5.6	5.2	4.2	4.5	6.0	5.0	3.7	4.9
QUANTUM LEAP (J-1567)	6.4	3.7	3.8	4.7	7.0	3.7	4.7	4.8
PST-P46	5.3	4.2	4.1	4.3	7.0	3.3	5.7	4.8
BARTITIA	5.1	3.8	4.7	4.5	6.0	4.0	5.7	4.8
ALLURE	4.7	3.7	4.0	4.3	7.0	4.7	5.3	4.8
JEWEL (BA 81-227)	5.7	3.7	3.8	4.5	6.0	3.7	6.3	4.8
KENBLUE	6.1	4.7	4.2	4.7	5.3	4.7	4.0	4.8
LIMOUSINE	5.3	3.0	3.6	4.3	7.0	5.0	5.3	4.8
BRILLIANT (PST-B2-42)	5.7	3.5	3.9	4.0	6.0	4.7	5.7	4.8
COMPACT	4.8	3.7	4.3	4.8	7.0	4.7	4.0	4.7
A88-744	5.8	4.0	3.4	3.8	6.3	3.7	6.0	4.7
CHATEAU	5.0	4.2	4.1	4.7	6.3	4.0	4.7	4.7
UNIQUE	5.8	4.2	4.5	4.0	5.7	3.7	5.0	4.7
ABBAY	5.7	4.2	4.1	4.2	6.7	2.7	5.3	4.7
SR 2100	6.0	3.5	3.7	4.8	5.3	3.7	5.7	4.7
BLUECHIP (MED-1991)	6.1	3.7	4.2	4.5	6.7	3.0	4.3	4.6
BA 73-373	5.9	4.3	3.8	4.7	6.3	2.7	4.7	4.6
BAR VB 6820	5.8	2.5	3.4	4.5	7.0	3.7	5.3	4.6
NUSTAR	6.7	3.2	3.3	4.7	6.3	2.7	5.3	4.6
LIPOA	5.1	2.7	3.7	5.3	7.0	2.7	5.7	4.6
BA 77-702	6.0	3.3	3.9	4.5	6.3	3.3	4.7	4.6
COVENTRY	5.6	3.7	3.3	4.2	6.7	4.3	4.3	4.6
BA 81-270	4.4	4.2	3.6	4.0	6.3	4.3	5.0	4.6
ASCOT	5.4	2.3	4.0	4.3	6.0	3.3	6.3	4.5
PRINCETON 105	6.9	3.0	3.4	4.3	6.7	3.3	4.0	4.5
BA 70-060	5.4	4.2	4.0	4.3	6.7	2.3	4.3	4.5
ENVICTA (BA 75-173)	6.2	3.7	3.7	4.7	6.3	2.7	4.0	4.5
SODNET	5.9	2.7	2.8	4.8	5.7	3.7	5.7	4.5
BA 81-220	5.6	4.0	3.3	4.3	6.3	2.7	5.0	4.4
BARON	6.2	3.2	3.3	4.7	6.3	2.7	4.7	4.4
PEPAYA (DP 37-192)	5.6	2.2	3.2	4.8	6.7	3.3	5.0	4.4

TABLE 32. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

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

NAME	NC1	NJ1	NJ2	OK1	UB1	UT1	VA1	MEAN
APOLLO (PST-B3-180)	5.8	3.2	3.9	4.2	5.0	4.0	4.7	4.4
SEABRING (BA 79-260)	5.9	3.5	2.9	4.7	5.3	3.3	5.0	4.4
SRX 2205	5.7	2.5	3.8	5.0	5.7	3.0	5.0	4.4
SERENE (PST-A7-245A)	5.0	3.3	3.8	4.0	6.3	3.7	4.3	4.4
BA 75-163	5.7	3.0	3.3	4.0	5.7	3.0	5.7	4.3
BA 81-113	5.3	3.5	3.8	4.3	5.7	2.7	5.0	4.3
NORTH STAR (PST-A7-60)	5.4	2.3	2.7	4.3	6.3	3.7	5.3	4.3
RAVEN	5.7	3.7	3.4	4.5	6.3	2.7	3.7	4.3
BARUZO	6.1	2.2	2.8	4.8	5.7	3.0	5.3	4.3
PST-BO-165	4.8	3.3	3.3	4.0	6.3	3.3	4.7	4.3
GOLDRUSH (BA 87-102)	5.6	3.5	3.8	4.5	6.3	2.7	3.0	4.2
FORTUNA	5.3	3.7	3.3	4.3	6.0	3.0	3.3	4.1
MARQUIS	5.8	3.2	3.0	4.5	5.7	3.0	3.7	4.1
BA 76-197	5.6	3.0	3.5	3.5	5.7	3.7	3.7	4.1
LSD VALUE	1.0	1.1	0.9	0.9	1.0	1.1	1.3	0.4
C.V. (%)	18.6	24.1	26.8	17.4	9.5	17.5	15.4	20.2

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

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

TABLE 33. DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/								
NAME	KS1	NJ2	MEAN	NAME	KS1	NJ2	MEAN	
BRILLIANT (PST-E2-42)	5.3	7.3	6.3	BA 70-060	1.7	6.0	3.8	
AMERICA	5.7	6.3	6.0	BA 73-373	3.0	4.7	3.8	
UNIQUE	5.0	6.7	5.8	BA 75-163	3.0	4.7	3.8	
SHOWCASE (PST-BO-141)	5.3	6.3	5.8	BLUECHIP (MED-1991)	2.0	5.7	3.8	
MOONLIGHT (PST-A418)	3.0	8.3	5.7	GLADE	1.7	6.0	3.8	
APOLLO (PST-B3-180)	4.7	5.7	5.2	NORTH STAR (PST-A7-60)	1.7	6.0	3.8	
JEFFERSON	3.3	7.0	5.2	RAVEN	1.0	6.7	3.8	
BARONETTE (BA 81-058)	3.3	6.7	5.0	BA 75-490	3.7	4.0	3.8	
TOTAL ECLIPSE (TCR-1738)	2.7	7.3	5.0	CALIBER	3.3	4.3	3.8	
WILDWOOD	3.0	6.7	4.8	HAGA	3.7	4.0	3.8	
ASCOT	2.7	7.0	4.8	J-1555	3.3	4.3	3.8	
MIDNIGHT	2.7	7.0	4.8	BA 81-220	1.7	5.7	3.7	
ZPS-2183	2.3	7.3	4.8	COVENTRY	2.3	5.0	3.7	
BAR VB 3115B	2.7	6.7	4.7	BARTITIA	1.0	6.3	3.7	
ECLIPSE	2.7	6.7	4.7	GOLDRUSH (BA 87-102)	2.0	5.3	3.7	
H86-690	2.7	6.7	4.7	ABBEY	1.7	5.3	3.5	
LIBERATOR (ZPS-2572)	2.7	6.7	4.7	BA 81-270	2.7	4.3	3.5	
PST-P46	2.7	6.7	4.7	BAR VB 6820	1.3	5.7	3.5	
ABSOLUTE (MED-1497)	2.0	7.3	4.7	BARONIE	3.0	4.0	3.5	
LIVINGSTON	3.0	6.3	4.7	BLACKSTONE (PST-638)	2.3	4.7	3.5	
NJ-GD	3.0	6.3	4.7	CHATEAU	2.0	5.0	3.5	
NUGLADE	3.0	6.3	4.7	EXPLORER (PICK-3561)	2.3	4.7	3.5	
ODYSSEY (J-1561)	3.0	6.3	4.7	JEWEL (BA 81-227)	2.7	4.3	3.5	
AWARD	2.7	6.3	4.5	MARQUIS	1.3	5.7	3.5	
CHALLENGER	2.7	6.3	4.5	MISTY (BA 76-372)	2.3	4.7	3.5	
CHAMPAGNE (LTP-621)	3.0	6.0	4.5	NIMBUS	2.0	4.7	3.3	
FORTUNA	2.3	6.7	4.5	PICK 8	2.0	4.7	3.3	
IMPACT (J-1576)	2.0	7.0	4.5	ADVOCATE (HV 130)	2.7	4.0	3.3	
NJ-54	2.0	7.0	4.5	BA 76-197	2.3	4.3	3.3	
PRINCETON 105	2.3	6.7	4.5	CARDIFF	2.3	4.3	3.3	
QUANTUM LEAP (J-1567)	2.0	7.0	4.5	CHICAGO (J-2582)	2.3	4.3	3.3	
ALLURE	2.7	6.0	4.3	MED-1580	2.3	4.3	3.3	
ARCADIA (J-1936)	1.7	7.0	4.3	SODNET	2.7	4.0	3.3	
BA 77-702	1.7	7.0	4.3	CLASSIC	3.3	3.0	3.2	
KENBLUE	2.7	5.7	4.2	COMPACT	3.3	3.0	3.2	
RUGBY II (MED-18)	2.3	6.0	4.2	CONNI	1.7	4.7	3.2	
SR 2109	1.7	6.7	4.2	PICK-855	2.3	4.0	3.2	
SHAMROCK	3.0	5.3	4.2	PST-BO-165	2.3	4.0	3.2	
BARON	2.3	5.7	4.0	SERENE (PST-A7-245A)	2.3	4.0	3.2	
LKB-95	3.3	4.7	4.0	BLACKSBURG	1.3	5.0	3.2	
NUSTAR	2.0	6.0	4.0	SIDEKICK	2.7	3.7	3.2	
SEABRING (BA 79-260)	2.7	5.3	4.0	SR 2100	2.0	4.3	3.2	
SR 2000	2.7	5.3	4.0	BARIRIS (BAR VB 5649)	2.0	4.0	3.0	
SRX 2205	2.3	5.7	4.0	ENVICTA (BA 75-173)	1.7	4.3	3.0	

TABLE 33. DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

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

NAME	KS1	NJ2	MEAN
PLATINI	1.7	4.3	3.0
ZPS-309	2.0	4.0	3.0
NJ 1190	2.3	3.3	2.8
BA 81-113	1.3	4.3	2.8
BARITONE (BAR VB 233)	1.3	4.3	2.8
DRAGON (ZPS-429)	2.0	3.7	2.8
RAMBO (J-2579)	1.7	3.7	2.7
A88-744	2.3	2.7	2.5
BARUZO	2.0	3.0	2.5
LTP-620	2.3	2.7	2.5
VB 16015	1.7	3.3	2.5
LIPOA	2.0	2.7	2.3
PEPAYA (DP 37-192)	1.0	3.7	2.3
LIMOUSINE	1.7	2.7	2.2
HV 242	1.3	2.3	1.8
LSD VALUE	1.4	1.7	1.1
C.V. (%)	34.2	20.1	24.8

- 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.
- 3/ DROUGHT TOLERANCE (WILTING) RATED AT "KS1" IN 1999 AND AT "NJ2" IN 1997.

TABLE 34.

DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

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

NAME	KS1	MN1	UT1	MEAN	NAME	KS1	MN1	UT1	MEAN
UNIQUE	5.7	8.3	7.7	7.2	ECLIPSE	3.7	6.7	4.7	5.0
APOLLO (PST-B3-180)	5.7	8.7	7.3	7.2	NORTH STAR (PST-A7-60)	3.0	7.7	4.3	5.0
BRILLIANT (PST-B2-42)	6.3	6.7	8.3	7.1	WILDWOOD	4.0	6.7	4.3	5.0
SHOWCASE (PST-BO-141)	5.7	8.0	7.7	7.1	DRAGON (ZPS-429)	2.3	6.0	6.3	4.9
RUGBY II (MED-18)	4.7	9.0	6.0	6.6	FORTUNA	4.0	5.7	5.0	4.9
AMERICA	4.3	7.7	7.0	6.3	NJ 1190	2.7	5.3	6.7	4.9
NUGLADE	4.0	9.0	6.0	6.3	VB 16015	3.3	6.7	4.7	4.9
ODYSSEY (J-1561)	4.0	8.3	6.7	6.3	ABBEY	3.3	6.3	5.0	4.9
MOONLIGHT (PST-A418)	4.0	8.0	6.7	6.2	PRINCETON 105	2.0	8.7	4.0	4.9
BA 75-490	5.3	7.3	6.0	6.2	PICK-855	4.0	5.7	4.7	4.8
BARONIE	4.7	8.7	5.3	6.2	ASCOT	3.7	5.3	5.3	4.8
TOTAL ECLIPSE (TCR-1738)	4.0	8.7	6.0	6.2	BA 76-197	3.3	7.3	3.7	4.8
AWARD	3.7	9.0	5.7	6.1	NIMBUS	2.7	7.0	4.7	4.8
BARONETTE (BA 81-058)	4.7	7.3	6.3	6.1	NJ-GD	2.7	8.0	3.7	4.8
IMPACT (J-1576)	3.3	8.7	6.3	6.1	PST-BO-165	4.0	6.3	4.0	4.8
MIDNIGHT	4.3	8.7	5.3	6.1	BA 73-373	3.3	5.3	5.3	4.7
SR 2000	5.7	8.3	4.0	6.0	BARTITIA	2.7	6.3	5.0	4.7
HAGA	4.7	6.7	6.0	5.8	COVENTRY	3.7	7.0	3.3	4.7
JEFFERSON	5.3	6.0	6.0	5.8	KENBLUE	2.7	7.7	3.7	4.7
LIBERATOR (ZPS-2572)	4.3	9.0	4.0	5.8	ZPS-2183	3.0	6.7	4.3	4.7
SIDEKICK	3.7	8.7	5.0	5.8	LIVINGSTON	4.0	5.0	4.7	4.6
BLACKSTONE (PST-638)	4.0	7.7	5.3	5.7	RAVEN	3.3	5.7	4.7	4.6
CHAMPAGNE (LTP-621)	4.0	8.0	5.0	5.7	SEABRING (BA 79-260)	2.3	8.0	3.3	4.6
LKB-95	2.7	7.0	7.3	5.7	SR 2100	3.3	4.7	5.7	4.6
PST-P46	4.7	6.7	5.7	5.7	MED-1580	2.3	6.3	5.0	4.6
ARCADIA (J-1936)	3.7	6.7	6.3	5.6	SRX 2205	2.7	6.0	5.0	4.6
BAR VB 3115B	4.7	7.3	4.7	5.6	RAMBO (J-2579)	3.0	4.7	5.7	4.4
QUANTUM LEAP (J-1567)	3.3	8.7	4.7	5.6	COMPACT	3.7	4.3	5.3	4.4
CLASSIC	5.3	6.0	5.3	5.6	EXPLORER (PICK-3561)	3.7	4.0	5.7	4.4
A88-744	4.7	7.3	4.3	5.4	LIMOUSINE	2.7	4.3	6.3	4.4
NUSTAR	4.0	6.3	6.0	5.4	ADVOCATE (HV 130)	3.3	4.7	5.0	4.3
PICK 8	3.7	7.3	5.3	5.4	BA 75-163	2.7	6.7	3.7	4.3
SR 2109	3.7	7.0	5.7	5.4	BARIRIS (BAR VB 5649)	3.3	4.7	5.0	4.3
J-1555	3.0	7.0	6.0	5.3	PLATINI	3.7	3.3	6.0	4.3
LTP-620	3.3	7.0	5.7	5.3	SHAMROCK	3.3	5.0	4.7	4.3
ABSOLUTE (MED-1497)	2.0	6.7	7.0	5.2	BA 77-702	3.3	5.7	3.7	4.2
BA 81-220	3.3	7.7	4.7	5.2	MARQUIS	3.0	5.0	4.7	4.2
CHALLENGER	3.7	6.7	5.3	5.2	MISTY (BA 76-372)	1.7	7.0	4.0	4.2
CHICAGO (J-2582)	3.7	7.0	5.0	5.2	CARDIFF	2.7	4.7	5.0	4.1
NJ-54	5.0	5.7	4.7	5.1	BA 81-113	2.7	4.0	5.7	4.1
BA 81-270	4.0	6.3	5.0	5.1	CALIBER	4.0	3.0	5.3	4.1
GLADE	3.3	5.7	6.3	5.1	SERENE (PST-A7-245A)	3.0	4.3	5.0	4.1
BA 70-060	2.7	6.0	6.3	5.0	ALLURE	4.0	3.3	4.7	4.0
BLACKSBURG	4.3	4.3	6.3	5.0	CONNI	3.7	4.3	4.0	4.0

TABLE 34. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY				
NAME	KS1	MN1	UT1	MEAN
JEWEL (BA 81-227)	2.7	4.3	5.0	4.0
SODNET	1.0	6.7	4.3	4.0
BARON	3.0	5.3	3.7	4.0
H86-690	2.3	4.7	4.7	3.9
HV 242	2.0	4.7	5.0	3.9
BARITONE (BAR VB 233)	3.7	2.7	5.0	3.8
CHATEAU	2.7	4.0	4.7	3.8
GOLDRUSH (BA 87-102)	3.3	2.7	5.3	3.8
BLUECHIP (MED-1991)	2.0	5.0	4.0	3.7
ENVICTA (BA 75-173)	2.7	2.7	5.7	3.7
ZPS-309	3.3	2.7	4.7	3.6
LIPOA	1.0	4.7	4.3	3.3
BARUZO	1.0	4.3	4.3	3.2
BAR VB 6820	1.0	2.7	4.3	2.7
PEPAYA (DP 37-192)	1.0	2.3	4.7	2.7
LSD VALUE	1.3	3.2	2.2	1.4
C.V. (%)	23.6	32.0	26.0	29.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DROUGHT TOLERANCE (DORMANCY) RATED AT "KS1" & "UT1" IN 1996 AND AT "MN1" IN 1998.

TABLE 35.

THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/

NAME	QE1	NAME	QE1	NAME	QE1
PLATINI	19.2	BARON	14.5	BAR VB 3115B	11.0
PST-BO-165	19.2	NUGLADE	14.5	LIBERATOR (ZPS-2572)	11.0
HAGA	18.7	ASCOT	14.2	CONNI	10.7
SODNET	18.5	LIMOUSINE	14.2	BARIRIS (BAR VB 5649)	10.5
RUGBY II (MED-18)	17.8	RAMBO (J-2579)	14.0	CARDIFF	10.3
BA 70-060	17.7	UNIQUE	14.0	CHICAGO (J-2582)	10.3
SR 2100	17.7	PEPAYA (DP 37-192)	13.8	ARCADIA (J-1936)	10.0
AWARD	17.5	PST-P46	13.8	CALIBER	10.0
SRX 2205	17.3	BA 75-163	13.7	NIMBUS	9.8
ZPS-2183	17.0	BA 75-490	13.7	DRAGON (ZPS-429)	9.7
AMERICA	16.8	BARUZO	13.7	SEABRING (BA 79-260)	9.5
BA 77-702	16.8	BA 81-220	13.5	ZPS-309	9.5
JEWEL (BA 81-227)	16.8	BARITONE (BAR VB 233)	13.5	LTP-620	9.0
COMPACT	16.7	BLUECHIP (MED-1991)	13.5	VB 16015	8.3
EXPLORER (PICK-3561)	16.5	HV 242	13.5	GLADE	8.0
GOLDRUSH (BA 87-102)	16.5	TOTAL ECLIPSE (TCR-1738)	13.5		
WILDWOOD	16.5	J-1555	13.2	LSD VALUE	7.1
ABSOLUTE (MED-1497)	16.3	LIPOA	13.0	C.V. (%)	45.3
CHALLENGER	16.3	NJ-54	13.0		
MED-1580	16.2	BARONIE	12.8		
PICK-855	16.2	KENBLUE	12.8		
QUANTUM LEAP (J-1567)	16.2	NJ 1190	12.8		
RAVEN	16.2	BA 76-197	12.7		
ABBEY	16.0	BLACKSTONE (PST-638)	12.7		
ODYSSEY (J-1561)	16.0	SHAMROCK	12.7		
JEFFERSON	15.8	BA 81-270	12.5		
NUSTAR	15.8	FORTUNA	12.5		
SR 2000	15.8	BARONETTE (BA 81-058)	12.3		
NORTH STAR (PST-A7-60)	15.7	CHATEAU	12.3		
MOONLIGHT (PST-A418)	15.5	LKB-95	12.3		
SERENE (PST-A7-245A)	15.3	MARQUIS	12.3		
A88-744	15.2	NJ-GD	12.3		
BRILLIANT (PST-B2-42)	15.2	BAR VB 6820	12.0		
ECLIPSE	15.2	IMPACT (J-1576)	12.0		
H86-690	15.2	MIDNIGHT	12.0		
ENVICTA (BA 75-173)	15.0	MISTY (BA 76-372)	12.0		
BARTITIA	14.8	PICK 8	12.0		
PRINCETON 105	14.8	APOLLO (PST-B3-180)	11.8		
SHOWCASE (PST-BO-141)	14.8	SIDEKICK	11.7		
ADVOCATE (HV 130)	14.7	BA 73-373	11.3		
ALLURE	14.7	BLACKSBURG	11.3		
COVENTRY	14.7	CHAMPAGNE (LTP-621)	11.3		
LIVINGSTON	14.7	CLASSIC	11.2		
BA 81-113	14.5	SR 2109	11.2		

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

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

3/ THATCH MEASURED IN 1998-99.

TABLE 36.

GREY SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
GREY SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	QE1	NAME	QE1	NAME	QE1
ADVOCATE (HV 130)	8.0	COMPACT	7.0	ZPS-2183	6.3
BARONETTE (BA 81-058)	8.0	DRAGON (ZPS-429)	7.0	ABSOLUTE (MED-1497)	6.0
BLACKSTONE (PST-638)	8.0	GLADE	7.0	ARCADIA (J-1936)	6.0
CHALLENGER	8.0	HAGA	7.0	AWARD	6.0
H86-690	8.0	JEWEL (BA 81-227)	7.0	BA 76-197	6.0
NUSTAR	8.0	LTP-620	7.0	BAR VB 3115B	6.0
AMERICA	7.7	MARQUIS	7.0	BARUZO	6.0
BA 81-113	7.7	MIDNIGHT	7.0	BLACKSBURG	6.0
BARONIE	7.7	NIMBUS	7.0	NJ-GD	6.0
BRILLIANT (PST-E2-42)	7.7	RAVEN	7.0	NORTH STAR (PST-A7-60)	6.0
GOLDRUSH (BA 87-102)	7.7	SHOWCASE (PST-BO-141)	7.0	RUGBY II (MED-18)	6.0
MOONLIGHT (PST-A418)	7.7	A88-744	6.7	SR 2000	6.0
NJ-54	7.7	BAR VB 6820	6.7	NJ 1190	5.7
PST-P46	7.7	BARON	6.7	ODYSSEY (J-1561)	5.7
SEABRING (BA 79-260)	7.7	BARTITIA	6.7	SHAMROCK	5.7
VB 16015	7.7	CALIBER	6.7		
WILDWOOD	7.7	CHAMPAGNE (LTP-621)	6.7	LSD VALUE	1.5
ABBAY	7.3	EXPLORER (PICK-3561)	6.7	C.V. (%)	13.2
APOLLO (PST-B3-180)	7.3	JEFFERSON	6.7		
BA 73-373	7.3	KENBLUE	6.7		
BA 75-163	7.3	NUGLADE	6.7		
BA 77-702	7.3	PEPAYA (DP 37-192)	6.7		
BA 81-220	7.3	PICK 8	6.7		
CHATEAU	7.3	PICK-855	6.7		
COVENTRY	7.3	PRINCETON 105	6.7		
ECLIPSE	7.3	PST-BO-165	6.7		
ENVICTA (BA 75-173)	7.3	QUANTUM LEAP (J-1567)	6.7		
FORTUNA	7.3	RAMBO (J-2579)	6.7		
LIMOUSINE	7.3	SERENE (PST-A7-245A)	6.7		
LIVINGSTON	7.3	SRX 2205	6.7		
LKB-95	7.3	TOTAL ECLIPSE (TCR-1738)	6.7		
MED-1580	7.3	BA 75-490	6.3		
MISTY (BA 76-372)	7.3	BA 81-270	6.3		
SR 2100	7.3	CARDIFF	6.3		
UNIQUE	7.3	CONNI	6.3		
ZPS-309	7.3	HV 242	6.3		
ALLURE	7.0	IMPACT (J-1576)	6.3		
ASCOT	7.0	J-1555	6.3		
BA 70-060	7.0	LIBERATOR (ZPS-2572)	6.3		
BARIRIS (BAR VB 5649)	7.0	LIPOA	6.3		
BARITONE (BAR VB 233)	7.0	PLATINI	6.3		
BLUECHIP (MED-1991)	7.0	SIDEKICK	6.3		
CHICAGO (J-2582)	7.0	SODNET	6.3		
CLASSIC	7.0	SR 2109	6.3		

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

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

3/ GREY SNOW MOLD RATED IN 1998.

TABLE 37.

MICRODOCHIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	MN1	NAME	MN1	NAME	MN1
MARQUIS	8.7	MED-1580	7.3	BRILLIANT (PST-B2-42)	6.0
BA 73-373	8.3	ODYSSEY (J-1561)	7.3	CHATEAU	6.0
SHAMROCK	8.3	RAVEN	7.3	MOONLIGHT (PST-A418)	6.0
ADVOCATE (HV 130)	8.0	SR 2000	7.3	NUSTAR	6.0
AWARD	8.0	SRX 2205	7.3	SERENE (PST-A7-245A)	6.0
BA 75-490	8.0	WILDWOOD	7.3	SR 2109	6.0
BA 81-220	8.0	ARCADIA (J-1936)	7.0	BARONETTE (BA 81-058)	5.7
BARIRIS (BAR VB 5649)	8.0	CHAMPAGNE (LTP-621)	7.0	NJ 1190	5.7
BARTITIA	8.0	IMPACT (J-1576)	7.0	A88-744	5.3
BLUECHIP (MED-1991)	8.0	JEWEL (BA 81-227)	7.0	SODNET	5.3
ENVICTA (BA 75-173)	8.0	MIDNIGHT	7.0	COMPACT	5.0
FORTUNA	8.0	PEPAYA (DP 37-192)	7.0	SHOWCASE (PST-BO-141)	5.0
LIVINGSTON	8.0	PST-BO-165	7.0	CARDIFF	4.7
NIMBUS	8.0	TOTAL ECLIPSE (TCR-1738)	7.0	PICK-855	4.7
NJ-GD	8.0	ZPS-2183	7.0		
PLATINI	8.0	ZPS-309	7.0	LSD VALUE	1.7
ABBAY	7.7	ALLURE	6.7	C.V. (%)	14.9
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 3115B	6.3		
LKB-95	7.7	BAR VB 6820	6.3		
NORTH STAR (PST-A7-60)	7.7	BARITONE (BAR VB 233)	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		

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

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

3/ MICRODOCHIUM PATCH RATED IN 1999.

TABLE 38. MELTING-OUT (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/ 3/							
NAME	PA1	UB1	MEAN	NAME	PA1	UB1	MEAN
QUANTUM LEAP (J-1567)	9.0	7.7	8.3	BLACKSTONE (PST-638)	7.9	5.3	6.6
IMPACT (J-1576)	8.8	7.3	8.1	CHATEAU	7.8	5.3	6.6
ASCOT	8.9	7.0	7.9	HV 242	8.4	4.7	6.6
NUGLADE	8.6	7.3	7.9	SHOWCASE (PST-BO-141)	8.8	4.3	6.6
MIDNIGHT	8.8	7.0	7.9	BARTITIA	7.6	5.3	6.4
ABSOLUTE (MED-1497)	9.0	6.7	7.8	RAVEN	8.9	4.0	6.4
TOTAL ECLIPSE (TCR-1738)	9.0	6.7	7.8	NJ-GD	8.4	4.3	6.4
ODYSSEY (J-1561)	8.7	7.0	7.8	NUSTAR	7.4	5.3	6.4
AWARD	8.7	6.7	7.7	BA 77-702	8.0	4.7	6.3
LIBERATOR (ZPS-2572)	8.9	6.3	7.6	LKB-95	8.3	4.3	6.3
RUGBY II (MED-18)	8.9	6.3	7.6	PST-BO-165	8.0	4.7	6.3
SR 2109	8.9	6.3	7.6	BA 81-113	8.7	4.0	6.3
LIMOUSINE	8.8	6.3	7.6	LIPOA	7.3	5.3	6.3
PST-P46	8.8	6.3	7.6	SHAMROCK	8.7	4.0	6.3
BRILLIANT (PST-B2-42)	8.7	6.3	7.5	VB 16015	9.0	3.7	6.3
NORTH STAR (PST-A7-60)	9.0	6.0	7.5	ADVOCATE (HV 130)	7.9	4.7	6.3
BLUECHIP (MED-1991)	8.9	5.7	7.3	CHAMPAGNE (LTP-621)	8.6	4.0	6.3
UNIQUE	8.6	6.0	7.3	SR 2100	8.2	4.3	6.3
MARQUIS	8.7	5.7	7.2	ALLURE	7.4	5.0	6.2
SODNET	8.2	6.0	7.1	BLACKSBURG	7.4	5.0	6.2
FORTUNA	8.8	5.3	7.1	COVENTRY	7.1	5.3	6.2
PICK 8	8.8	5.3	7.1	A88-744	8.7	3.7	6.2
MOONLIGHT (PST-A418)	9.0	5.0	7.0	CALIBER	8.7	3.7	6.2
SERENE (PST-A7-245A)	8.7	5.3	7.0	HAGA	7.6	4.7	6.1
AMERICA	8.2	5.7	6.9	NJ 1190	6.9	5.3	6.1
APOLLO (PST-B3-180)	8.6	5.3	6.9	J-1555	7.4	4.7	6.0
ARCADIA (J-1936)	7.9	6.0	6.9	GOLDRUSH (BA 87-102)	8.0	4.0	6.0
BAR VB 6820	8.9	5.0	6.9	ABBHEY	8.6	3.3	5.9
CHICAGO (J-2582)	8.6	5.3	6.9	PEPAYA (DP 37-192)	8.9	3.0	5.9
CONNI	8.6	5.3	6.9	BA 70-060	8.2	3.7	5.9
ECLIPSE	8.9	5.0	6.9	BA 76-197	7.4	4.3	5.9
SEABRING (BA 79-260)	8.9	5.0	6.9	LTP-620	8.4	3.3	5.9
SR 2000	8.9	5.0	6.9	ENVICTA (BA 75-173)	8.3	3.3	5.8
BARONETTE (BA 81-058)	8.4	5.3	6.9	GLADE	6.0	5.7	5.8
EXPLORER (PICK-3561)	8.3	5.3	6.8	CLASSIC	7.2	4.3	5.8
PRINCETON 105	8.3	5.3	6.8	BARUZO	7.1	4.3	5.7
CHALLENGER	8.9	4.7	6.8	ZPS-2183	7.1	4.3	5.7
RAMBO (J-2579)	8.2	5.3	6.8	BA 81-220	8.0	3.3	5.7
BA 73-373	8.8	4.7	6.7	BARITONE (BAR VB 233)	8.3	3.0	5.7
NIMBUS	8.1	5.3	6.7	COMPACT	8.0	3.3	5.7
BAR VB 3115B	8.7	4.7	6.7	BA 75-163	7.3	4.0	5.7
CARDIFF	8.7	4.7	6.7	JEFFERSON	7.3	4.0	5.7
PLATINI	9.0	4.3	6.7	WILDWOOD	7.3	4.0	5.7
BARIRIS (BAR VB 5649)	8.6	4.7	6.6	MISTY (BA 76-372)	7.6	3.7	5.6

TABLE 38. MELTING-OUT (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE

NAME	PA1	UB1	MEAN
ZPS-309	8.8	2.3	5.6
BA 81-270	7.8	3.3	5.6
BARON	7.8	3.3	5.6
LIVINGSTON	7.8	3.3	5.6
BARONIE	7.2	3.7	5.4
SRX 2205	6.9	3.7	5.3
H86-690	6.7	3.0	4.8
PICK-855	7.0	2.7	4.8
DRAGON (ZPS-429)	7.2	2.3	4.8
MED-1580	6.2	3.0	4.6
JEWEL (BA 81-227)	6.7	2.3	4.5
SIDEKICK	6.9	2.0	4.4
NJ-54	4.2	2.3	3.3
BA 75-490	3.0	1.7	2.3
KENBLUE	1.6	1.0	1.3
LSD VALUE	0.9	2.0	0.9
C.V. (%)	12.7	27.0	16.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ MELTING-OUT (SPRING) RATED AT "UB1" IN 1996 AND AT "PA1" IN 1996-98.

TABLE 39. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/
 1996-2000 DATA

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

NAME	IA1	IL2	NJ1	NJ2	UB1	MEAN
ZPS-2183	8.0	8.3	6.7	8.3	6.3	7.5
MOONLIGHT (PST-A418)	6.3	6.3	8.7	8.3	7.7	7.5
LIBERATOR (ZPS-2572)	7.0	6.0	8.0	7.5	7.7	7.2
BLACKSBURG	7.0	7.0	6.7	7.8	7.0	7.1
NORTH STAR (PST-A7-60)	7.3	5.7	7.7	7.8	7.0	7.1
WILDWOOD	7.3	5.7	7.3	7.8	7.0	7.0
ODYSSEY (J-1561)	6.0	6.3	7.3	7.5	7.7	7.0
RUGBY II (MED-18)	6.7	6.3	7.0	6.8	8.0	7.0
ABSOLUTE (MED-1497)	7.0	6.0	8.0	5.8	7.7	6.9
ASCOT	7.0	6.0	7.7	7.2	6.7	6.9
TOTAL ECLIPSE (TCR-1738)	6.7	6.0	6.3	7.4	8.0	6.9
QUANTUM LEAP (J-1567)	7.0	5.7	7.0	6.8	7.7	6.8
IMPACT (J-1576)	6.0	6.0	7.0	7.4	7.7	6.8
MIDNIGHT	6.3	6.0	6.7	7.1	8.0	6.8
NUGLADE	6.7	5.3	7.3	7.1	7.7	6.8
AWARD	6.0	4.7	8.3	7.0	7.7	6.7
BAR VB 6820	7.7	3.0	8.3	6.9	7.7	6.7
SR 2109	6.7	4.3	8.3	7.9	5.7	6.6
BAR VB 3115B	6.0	7.3	5.3	6.8	7.0	6.5
ARCADIA (J-1936)	6.7	4.3	7.3	6.6	7.5	6.5
BARTITIA	7.0	3.3	7.3	7.4	6.7	6.4
SEABRING (BA 79-260)	5.7	5.7	7.3	7.3	5.7	6.3
SR 2000	6.3	4.0	7.7	7.5	6.0	6.3
ECLIPSE	5.0	6.0	6.3	7.5	6.5	6.3
NUSTAR	6.3	6.0	6.0	7.1	5.3	6.2
LIMOUSINE	6.7	5.3	5.0	6.3	7.3	6.1
PICK 8	6.7	5.3	5.7	7.3	5.7	6.1
CHALLENGER	6.7	5.3	6.3	6.3	6.0	6.1
PST-P46	6.3	4.7	6.0	7.4	6.0	6.1
CONNI	6.3	4.7	5.0	6.8	7.3	6.0
APOLLO (PST-B3-180)	5.3	5.3	7.0	6.4	5.0	5.8
ADVOCATE (HV 130)	5.7	7.3	4.7	5.3	6.0	5.8
BLACKSTONE (PST-638)	7.0	6.3	4.3	7.3	4.0	5.8
PEPAYA (DP 37-192)	6.3	4.7	6.3	6.3	5.3	5.8
CHICAGO (J-2582)	5.3	5.7	5.3	5.8	6.7	5.8
RAMBO (J-2579)	6.3	5.3	4.3	6.1	6.7	5.8
SODNET	5.7	4.3	6.7	7.1	5.0	5.8
PRINCETON 105	6.7	4.0	5.3	7.3	5.3	5.7
BRILLIANT (PST-B2-42)	5.7	5.0	4.7	7.3	6.0	5.7
CARDIFF	6.3	3.7	6.7	6.2	5.7	5.7
BARONETTE (BA 81-058)	5.3	5.0	6.3	6.8	5.0	5.7
VB 16015	6.7	4.7	5.3	6.4	5.0	5.6
SERENE (PST-A7-245A)	5.7	4.3	5.3	6.7	6.0	5.6
SHOWCASE (PST-BO-141)	5.7	6.0	5.7	6.5	4.0	5.6

TABLE 39. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IA1	IL2	NJ1	NJ2	UB1	MEAN
BARIRIS (BAR VB 5649)	6.0	5.0	4.3	6.2	6.3	5.6
EXPLORER (PICK-3561)	5.7	4.3	5.0	6.1	6.7	5.6
NIMBUS	6.3	6.3	5.0	6.0	4.0	5.5
FORTUNA	6.3	4.3	6.0	4.6	6.3	5.5
BLUECHIP (MED-1991)	6.3	5.0	6.0	4.8	5.3	5.5
PLATINI	6.0	5.0	4.3	6.3	5.7	5.5
CHATEAU	5.7	4.7	5.0	6.3	5.5	5.4
MED-1580	6.7	6.0	4.3	5.7	4.3	5.4
PST-BO-165	4.7	6.0	4.0	6.3	5.7	5.3
AMERICA	5.3	4.3	5.7	6.3	5.0	5.3
NJ 1190	6.7	5.3	3.3	5.6	5.5	5.3
COVENTRY	5.3	5.7	4.3	5.9	5.0	5.3
J-1555	5.7	5.3	3.3	5.5	6.3	5.2
GLADE	6.0	6.0	3.0	4.7	6.3	5.2
LIVINGSTON	5.0	4.7	5.0	6.3	5.0	5.2
SHAMROCK	5.3	4.0	5.7	6.3	4.7	5.2
SRX 2205	7.3	5.0	4.7	6.0	3.0	5.2
ALLURE	6.0	4.3	4.3	5.8	5.5	5.2
UNIQUE	5.0	5.3	5.0	6.3	4.3	5.2
BA 81-270	5.7	4.3	5.0	6.6	4.3	5.2
NJ-54	5.3	6.0	5.0	6.0	3.5	5.2
HV 242	6.0	4.0	3.7	6.1	6.0	5.2
RAVEN	6.0	4.3	6.3	4.6	4.3	5.1
SR 2100	5.3	5.7	5.3	5.3	3.7	5.1
BA 77-702	6.0	4.7	6.0	4.5	4.0	5.0
LKB-95	6.0	5.0	4.0	5.8	4.3	5.0
LIPOA	6.0	4.7	4.7	4.8	5.0	5.0
BARITONE (BAR VB 233)	6.3	3.3	4.3	6.1	5.0	5.0
BARON	6.0	4.0	6.0	4.5	4.3	5.0
JEFFERSON	4.0	5.0	4.0	6.8	5.0	5.0
BARONIE	3.7	6.7	4.7	6.1	3.7	5.0
JEWEL (BA 81-227)	6.0	4.7	4.0	6.1	4.0	5.0
HAGA	4.7	5.7	3.3	6.3	4.7	4.9
MARQUIS	5.3	3.0	5.3	4.7	6.0	4.9
NJ-GD	4.3	5.0	4.0	6.7	4.3	4.9
A88-744	5.3	4.0	4.7	5.6	4.3	4.8
ZPS-309	7.0	4.0	4.0	5.3	3.7	4.8
BA 70-060	6.0	3.3	6.0	4.2	4.0	4.7
ABBAY	5.3	3.3	6.0	4.7	4.0	4.7
CALIBER	5.3	4.3	3.0	5.5	5.0	4.6
H86-690	5.0	5.7	3.3	5.1	4.0	4.6
BA 73-373	5.3	3.7	5.7	4.6	3.7	4.6
DRAGON (ZPS-429)	5.7	6.3	3.3	5.0	2.5	4.6
BA 75-163	5.0	5.3	3.0	6.5	3.0	4.6
GOLDRUSH (BA 87-102)	5.3	2.3	6.0	4.5	4.7	4.6

TABLE 39. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IA1	IL2	NJ1	NJ2	UB1	MEAN
CLASSIC	4.0	5.0	3.7	6.0	3.7	4.5
MISTY (BA 76-372)	6.0	4.3	3.7	5.3	3.0	4.5
CHAMPAGNE (LTP-621)	5.0	2.0	4.7	6.3	4.0	4.4
PICK-855	5.3	5.0	4.0	4.1	3.3	4.4
ENVICTA (BA 75-173)	4.0	4.0	6.0	4.3	3.3	4.3
BA 81-220	5.7	3.0	5.3	4.2	3.0	4.2
BA 81-113	4.3	3.3	4.0	4.7	3.3	3.9
SIDEKICK	4.7	3.7	3.0	4.7	3.0	3.8
BA 76-197	3.3	3.0	3.0	4.8	4.7	3.8
BARUZO	4.7	3.0	3.0	3.7	4.5	3.8
LTP-620	5.7	2.3	2.7	4.8	3.3	3.8
COMPACT	4.0	1.7	3.0	3.8	4.0	3.3
BA 75-490	4.3	3.0	1.3	3.8	2.3	3.0
KENBLUE	4.0	2.0	1.0	1.5	2.0	2.1
LSD VALUE	1.5	1.9	1.5	1.0	1.6	0.7
C.V. (%)	15.5	24.5	17.4	21.2	17.1	21.4

- 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.
- 3/ LEAF SPOT RATED AT "IA1", "IL2" & "NJ1" IN 1997, AT "UB1" IN 1998 AND AT "NJ2" IN 1997-2000.

TABLE 40.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

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

NAME	KS1	NC1	MEAN	NAME	KS1	NC1	MEAN
LIBERATOR (ZPS-2572)	9.0	8.7	8.8	ABSOLUTE (MED-1497)	8.0	7.8	7.9
ARCADIA (J-1936)	9.0	8.3	8.7	CALIBER	7.7	8.2	7.9
ABBAY	9.0	8.2	8.6	GOLDRUSH (BA 87-102)	8.7	7.2	7.9
BAR VB 6820	9.0	8.2	8.6	LKB-95	7.7	8.2	7.9
EXPLORER (PICK-3561)	9.0	8.2	8.6	ADVOCATE (HV 130)	8.3	7.3	7.8
HAGA	9.0	8.0	8.5	AMERICA	7.3	8.3	7.8
PRINCETON 105	9.0	8.0	8.5	CHALLENGER	8.0	7.7	7.8
SR 2100	9.0	8.0	8.5	A88-744	8.7	7.0	7.8
GLADE	9.0	7.7	8.3	BARUZO	8.7	7.0	7.8
NUGLADE	9.0	7.7	8.3	CARDIFF	8.0	7.5	7.8
RUGBY II (MED-18)	9.0	7.7	8.3	COMPACT	8.3	7.2	7.8
BA 75-163	8.7	8.0	8.3	JEWEL (BA 81-227)	8.3	7.2	7.8
PICK 8	8.7	8.0	8.3	RAVEN	8.7	6.8	7.8
RAMBO (J-2579)	8.7	8.0	8.3	SERENE (PST-A7-245A)	9.0	6.5	7.8
BARONETTE (BA 81-058)	9.0	7.5	8.3	WILDWOOD	7.3	8.2	7.8
LIPOA	8.3	8.2	8.3	BA 81-270	8.3	7.0	7.7
LTP-620	8.7	7.8	8.3	PICK-855	7.7	7.7	7.7
JEFFERSON	8.0	8.3	8.2	QUANTUM LEAP (J-1567)	8.3	7.0	7.7
PST-BO-165	8.3	8.0	8.2	BA 81-220	8.0	7.3	7.7
BARONIE	9.0	7.3	8.2	SIDEKICK	8.0	7.3	7.7
BLUECHIP (MED-1991)	9.0	7.3	8.2	ASCOT	8.0	7.2	7.6
CHAMPAGNE (LTP-621)	8.7	7.7	8.2	BARIRIS (BAR VB 5649)	7.7	7.5	7.6
CONNI	9.0	7.3	8.2	MISTY (BA 76-372)	8.0	7.2	7.6
COVENTRY	8.7	7.7	8.2	SHOWCASE (PST-BO-141)	7.7	7.5	7.6
MIDNIGHT	9.0	7.3	8.2	ECLIPSE	7.3	7.8	7.6
ODYSSEY (J-1561)	9.0	7.3	8.2	FORTUNA	8.7	6.5	7.6
PLATINI	7.7	8.7	8.2	BA 81-113	7.7	7.3	7.5
SEABRING (BA 79-260)	9.0	7.3	8.2	LIMOUSINE	7.0	8.0	7.5
BA 75-490	9.0	7.2	8.1	MARQUIS	8.3	6.7	7.5
J-1555	8.3	7.8	8.1	MOONLIGHT (PST-A418)	7.0	8.0	7.5
BA 77-702	8.7	7.5	8.1	NJ-54	7.0	8.0	7.5
ALLURE	9.0	7.0	8.0	NUSTAR	7.3	7.7	7.5
APOLLO (PST-B3-180)	8.3	7.7	8.0	UNIQUE	6.7	8.3	7.5
AWARD	9.0	7.0	8.0	ZPS-309	7.3	7.7	7.5
BARON	8.3	7.7	8.0	SODNET	7.7	7.2	7.4
CHATEAU	8.7	7.3	8.0	SR 2109	7.7	7.2	7.4
CHICAGO (J-2582)	8.7	7.3	8.0	BARITONE (BAR VB 233)	8.0	6.8	7.4
DRAGON (ZPS-429)	8.0	8.0	8.0	ENVICTA (BA 75-173)	6.3	8.5	7.4
HV 242	8.3	7.7	8.0	MED-1580	6.7	8.2	7.4
NJ-GD	8.0	8.0	8.0	BRILLIANT (PST-B2-42)	8.0	6.7	7.3
SHAMROCK	8.0	8.0	8.0	H86-690	7.0	7.7	7.3
TOTAL ECLIPSE (TCR-1738)	8.7	7.3	8.0	NORTH STAR (EST-A7-60)	7.7	7.0	7.3
CLASSIC	8.3	7.5	7.9	BA 76-197	7.3	7.3	7.3
VB 16015	8.3	7.5	7.9	BLACKSTONE (EST-638)	6.0	8.7	7.3

TABLE 40. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE

NAME	KS1	NC1	MEAN
BA 70-060	7.3	7.0	7.2
KENBLUE	8.0	6.3	7.2
ZPS-2183	7.7	6.5	7.1
LIVINGSTON	7.3	6.8	7.1
PST-P46	6.7	7.2	6.9
SR 2000	6.7	7.2	6.9
BARTITIA	7.0	6.8	6.9
PEPAYA (DP 37-192)	6.0	7.5	6.8
IMPACT (J-1576)	6.0	7.0	6.5
NIMBUS	6.3	6.7	6.5
SRX 2205	6.0	6.7	6.3
BA 73-373	6.3	6.3	6.3
BLACKSBURG	5.7	6.7	6.2
BAR VB 3115B	4.0	7.7	5.8
NJ 1190	4.0	7.2	5.6
LSD VALUE	1.8	2.3	1.7
C.V. (%)	14.1	27.1	23.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ STEM RUST RATED AT "KS1" IN 1997 AND AT "NC1" IN 1998-99.

TABLE 41. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

NAME	DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/							
	IL1	IN1	NC1	NE1	OK1	PA1	VA1	MEAN
SHOWCASE (PST-BO-141)	9.0	7.7	8.3	9.0	9.0	9.0	8.3	8.6
MOONLIGHT (PST-A418)	9.0	7.7	8.2	8.7	9.0	9.0	8.3	8.5
BRILLIANT (PST-B2-42)	8.7	7.7	8.5	8.7	8.7	9.0	8.0	8.5
APOLLO (PST-B3-180)	8.3	7.3	8.0	8.7	9.0	9.0	8.0	8.3
UNIQUE	8.3	7.7	7.8	9.0	8.0	9.0	8.3	8.3
AMERICA	8.7	7.3	7.3	8.3	8.7	9.0	8.0	8.2
LIBERATOR (ZPS-2572)	8.3	6.3	8.8	9.0	9.0	7.7	7.0	8.0
BARONIE	8.0	6.3	7.8	8.7	9.0	8.0	7.0	7.8
AWARD	9.0	6.3	8.0	8.0	8.7	7.7	7.0	7.8
BLACKSTONE (PST-638)	8.3	5.7	8.7	8.7	8.0	7.7	7.7	7.8
ASCOT	8.7	5.7	7.3	8.7	9.0	8.3	6.7	7.8
ENVICTA (BA 75-173)	8.7	6.0	7.5	8.7	9.0	7.0	7.0	7.7
BA 76-197	9.0	5.3	8.0	8.3	8.3	7.3	7.3	7.7
ODYSSEY (J-1561)	8.7	5.7	8.3	8.3	8.7	7.7	6.3	7.7
NJ-GD	7.0	6.3	8.3	9.0	8.3	7.7	6.7	7.6
SR 2100	8.7	7.3	7.2	8.3	8.7	6.7	6.3	7.6
TOTAL ECLIPSE (TCR-1738)	8.7	5.3	8.2	8.7	9.0	7.3	6.0	7.6
LIVINGSTON	8.0	6.3	7.7	8.3	7.0	8.3	7.3	7.6
BA 81-113	9.0	5.3	8.0	8.0	8.7	8.3	5.7	7.6
ECLIPSE	7.3	6.7	8.0	8.3	8.0	7.7	7.0	7.6
MIDNIGHT	8.3	6.7	8.7	6.7	9.0	7.3	6.3	7.6
SIDEKICK	9.0	6.3	8.3	5.0	8.7	8.0	7.7	7.6
BARONETTE (BA 81-058)	8.3	6.3	8.5	8.7	7.3	8.0	5.7	7.5
GOLDRUSH (BA 87-102)	8.3	5.3	8.0	8.7	8.3	8.0	6.0	7.5
VB 16015	8.3	5.7	8.8	8.3	8.0	7.3	6.0	7.5
ARCADIA (J-1936)	8.0	4.3	7.8	8.7	9.0	7.3	7.3	7.5
BA 75-490	8.3	6.3	6.8	8.3	8.0	6.7	8.0	7.5
DRAGON (ZPS-429)	8.0	5.0	8.5	8.7	7.3	7.0	8.0	7.5
PICK 8	8.7	4.7	8.2	8.3	9.0	8.0	5.7	7.5
IMPACT (J-1576)	8.3	5.0	8.3	8.3	8.3	8.0	6.0	7.5
BA 70-060	8.7	5.7	8.0	7.0	8.7	7.7	6.7	7.5
NUGLADE	8.0	5.3	8.3	8.0	8.7	8.0	6.0	7.5
ABBEY	8.7	6.7	7.8	7.0	8.0	7.3	6.7	7.5
SR 2000	7.3	5.7	6.8	8.7	8.0	7.7	8.0	7.5
H86-690	7.7	5.3	8.7	9.0	8.3	7.3	5.7	7.4
BA 73-373	8.7	4.7	8.8	8.0	8.3	6.3	7.0	7.4
CHAMPAGNE (LTP-621)	8.0	5.7	7.7	9.0	7.0	7.0	7.3	7.4
CHALLENGER	8.3	5.7	8.0	9.0	7.7	6.7	6.3	7.4
MISTY (BA 76-372)	9.0	6.0	8.0	8.7	7.7	8.3	4.0	7.4
A88-744	7.0	6.7	8.2	8.3	8.3	7.0	6.0	7.4
FORTUNA	8.0	6.0	8.5	7.3	8.3	7.3	6.0	7.4
ZPS-2183	8.3	4.7	7.2	8.0	8.3	7.3	7.3	7.3
BLUECHIP (MED-1991)	8.0	6.0	7.3	8.3	8.3	7.0	6.0	7.3
CLASSIC	8.3	4.7	7.5	8.3	6.7	8.0	7.3	7.3

TABLE 41. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IL1	IN1	NC1	NE1	OK1	PA1	VA1	MEAN
JEFFERSON	6.3	5.7	8.3	8.3	7.7	7.3	7.0	7.2
NJ 1190	8.3	5.3	8.3	7.7	8.0	7.0	6.0	7.2
BA 75-163	7.0	5.7	8.2	8.3	8.0	6.3	7.0	7.2
BARON	8.3	6.0	8.3	7.3	8.3	7.0	5.0	7.2
CARDIFF	8.0	5.3	8.0	8.3	7.3	7.3	5.7	7.1
QUANTUM LEAP (J-1567)	8.7	4.3	7.5	7.7	7.7	7.7	6.3	7.1
BA 77-702	9.0	5.7	5.7	5.7	9.0	8.0	6.7	7.1
NUSTAR	8.3	6.3	7.7	6.3	7.7	7.7	5.7	7.1
RUGBY II (MED-18)	7.7	4.7	7.2	9.0	8.3	7.0	5.7	7.1
HAGA	8.7	5.0	7.5	7.7	7.3	7.7	5.7	7.1
LTP-620	6.3	5.3	8.2	8.7	8.3	7.0	5.3	7.0
CHICAGO (J-2582)	7.0	5.7	7.8	8.0	7.7	7.3	5.7	7.0
BLACKSBURG	8.7	5.3	7.2	8.3	6.3	7.0	6.0	7.0
J-1555	8.0	5.0	8.2	8.0	8.0	5.7	6.0	7.0
RAVEN	7.3	5.7	7.2	7.3	8.3	6.0	6.3	6.9
BA 81-220	7.7	5.7	7.5	8.0	7.0	6.7	5.7	6.9
ADVOCATE (HV 130)	6.7	5.0	8.5	8.0	6.3	7.3	6.0	6.8
SEABRING (BA 79-260)	7.3	6.0	7.5	8.3	7.3	6.3	4.7	6.8
SR 2109	7.7	5.0	6.2	9.0	6.3	7.0	6.0	6.7
SHAMROCK	4.0	6.3	7.8	9.0	7.3	6.7	6.0	6.7
NIMBUS	8.0	5.7	7.3	6.7	6.7	6.3	6.3	6.7
MARQUIS	7.3	5.3	6.8	5.7	8.3	7.0	6.0	6.6
NJ-54	8.0	3.7	8.0	6.0	6.0	7.3	7.3	6.6
GLADE	8.3	3.7	7.5	5.7	7.3	7.0	6.7	6.6
EXPLORER (PICK-3561)	7.3	4.0	8.0	7.0	7.0	7.3	5.3	6.6
PST-P46	7.3	4.3	8.2	7.3	6.7	7.0	5.0	6.5
CALIBER	7.3	4.0	8.0	8.0	6.7	5.7	6.0	6.5
RAMBO (J-2579)	7.7	4.0	7.7	6.7	8.0	6.3	5.0	6.5
COVENTRY	8.7	4.3	7.3	6.3	7.7	5.7	5.3	6.5
PICK-855	7.3	3.0	8.0	6.3	7.0	6.7	7.0	6.5
BAR VB 3115B	7.0	4.3	7.8	8.0	6.3	6.0	5.7	6.5
JEWEL (BA 81-227)	6.7	4.0	7.7	7.3	6.7	6.3	6.3	6.4
ALLURE	6.7	5.0	8.3	6.7	7.0	6.7	4.7	6.4
ABSOLUTE (MED-1497)	6.3	4.0	7.8	8.3	8.0	5.3	5.0	6.4
SERENE (PST-A7-245A)	7.0	4.0	8.2	5.3	6.7	7.0	6.0	6.3
PST-BO-165	6.3	4.0	7.5	6.7	7.0	6.0	6.3	6.3
MED-1580	7.7	4.0	7.7	6.3	6.7	6.3	4.7	6.2
PRINCETON 105	7.0	4.3	7.7	7.0	6.7	6.7	4.0	6.2
NORTH STAR (PST-A7-60)	7.3	3.3	8.8	5.7	5.7	6.7	5.7	6.2
CHATEAU	6.0	5.0	8.3	6.7	6.7	5.7	4.7	6.1
WILDWOOD	6.0	3.7	8.0	6.3	6.3	7.0	5.7	6.1
BA 81-270	8.3	4.0	7.3	7.7	6.3	5.0	4.0	6.1
COMPACT	7.3	5.7	5.8	7.0	3.7	5.7	7.3	6.1
KENBLUE	8.3	5.3	7.2	4.3	5.7	6.0	5.7	6.1
SRX 2205	8.7	3.7	8.2	5.7	7.3	3.0	5.7	6.0

TABLE 41. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IL1	IN1	NC1	NE1	OK1	PA1	VA1	MEAN
LKB-95	6.3	4.3	7.3	5.7	7.3	5.0	5.7	6.0
BARTITIA	7.7	3.3	8.2	5.0	7.0	5.3	4.0	5.8
LIMOUSINE	5.7	3.0	7.2	6.0	8.0	5.7	4.0	5.6
BARUZO	8.7	3.0	8.5	3.7	6.0	5.0	4.0	5.5
LIPOA	5.7	6.0	7.2	4.3	8.3	4.7	2.7	5.5
PLATINI	5.0	3.7	8.7	7.7	5.0	4.3	4.0	5.5
SODNET	7.3	3.0	7.2	4.7	7.0	5.0	3.7	5.4
BARITONE (BAR VB 233)	4.3	3.0	8.7	7.7	4.7	4.3	4.3	5.3
CONNI	6.0	4.0	7.2	5.3	4.7	5.7	4.0	5.3
HV 242	3.7	3.7	6.5	6.7	6.7	5.3	4.0	5.2
BARIRIS (BAR VB 5649)	4.3	2.7	7.2	6.3	5.3	5.0	5.0	5.1
ZPS-309	5.7	3.3	7.3	5.7	3.3	4.7	5.3	5.0
PEPAYA (DP 37-192)	3.0	4.3	8.2	3.0	6.7	4.3	3.3	4.7
BAR VB 6820	5.7	2.3	7.7	3.3	7.3	3.7	2.7	4.7
LSD VALUE	2.1	1.7	1.5	2.3	1.8	1.3	2.2	0.7
C.V. (%)	17.1	20.4	16.8	19.0	15.2	12.2	23.3	17.9

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

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

3/ DOLLAR SPOT RATED AT "IL1", "OK1" & "PA1" IN 1997, AT "IN1", "NE1" & "VA1" IN 1998 AND AT "NC1" IN 1998-99.

TABLE 42. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/
 1996-2000 DATA

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

NAME	IL1	IN1	NC1	NJ1	OK1	MEAN
APOLLO (PST-B3-180)	8.0	9.0	7.8	8.2	8.3	8.3
PRINCETON 105	8.7	9.0	7.4	8.0	8.1	8.2
UNIQUE	8.3	9.0	7.0	8.2	8.3	8.2
PLATINI	8.3	9.0	7.3	8.0	8.1	8.2
BARITONE (BAR VB 233)	8.0	9.0	7.7	8.2	7.8	8.1
SHOWCASE (PST-BO-141)	8.0	9.0	7.4	8.3	7.7	8.1
ECLIPSE	8.3	9.0	7.7	8.2	7.2	8.1
CALIBER	8.0	9.0	7.8	7.7	7.8	8.0
BARONIE	8.3	9.0	7.6	7.3	7.9	8.0
SR 2100	8.3	9.0	7.3	7.8	7.6	8.0
AMERICA	8.3	9.0	7.6	6.8	8.1	8.0
CLASSIC	8.0	9.0	7.6	6.8	8.1	7.9
BARONETTE (BA 81-058)	8.0	9.0	6.6	7.7	8.2	7.9
BARIRIS (BAR VB 5649)	8.7	9.0	6.6	7.8	7.3	7.9
NUGLADE	8.0	8.3	7.6	6.8	8.4	7.8
BRILLIANT (PST-B2-42)	7.0	9.0	7.6	8.2	7.4	7.8
NORTH STAR (PST-A7-60)	7.7	9.0	6.8	7.7	7.8	7.8
MIDNIGHT	7.7	8.3	7.3	7.3	8.2	7.8
ZPS-309	8.0	8.0	7.6	7.2	8.1	7.8
SR 2000	7.7	8.7	7.1	6.8	8.6	7.8
SIDEKICK	8.0	9.0	6.6	7.2	7.8	7.7
ODYSSEY (J-1561)	6.7	9.0	7.7	6.8	8.3	7.7
BLACKSTONE (PST-638)	7.3	9.0	7.6	6.3	8.1	7.7
PICK 8	7.3	9.0	7.0	6.3	8.7	7.7
JEWEL (BA 81-227)	7.3	9.0	7.4	6.7	7.8	7.6
TOTAL ECLIPSE (TCR-1738)	7.3	9.0	6.6	7.2	8.0	7.6
RAVEN	8.7	8.7	6.3	6.3	8.0	7.6
JEFFERSON	7.3	9.0	6.8	7.0	7.6	7.5
BA 81-270	7.7	9.0	7.0	6.7	7.2	7.5
LIMOUSINE	8.0	9.0	7.3	6.0	7.2	7.5
A88-744	7.3	7.7	7.8	7.0	7.7	7.5
HAGA	8.0	8.7	6.2	7.0	7.6	7.5
IMPACT (J-1576)	5.3	8.7	7.7	7.3	8.4	7.5
RUGBY II (MED-18)	6.7	9.0	7.2	6.5	8.0	7.5
RAMBO (J-2579)	8.0	9.0	7.2	5.6	7.6	7.5
GLADE	7.3	9.0	6.8	6.7	7.4	7.4
MOONLIGHT (PST-A418)	7.3	9.0	6.9	6.2	7.7	7.4
FORTUNA	6.7	9.0	7.7	5.8	7.7	7.4
DRAGON (ZPS-429)	6.0	9.0	7.4	6.5	7.8	7.3
CONNI	8.0	8.3	7.7	5.7	6.9	7.3
ABSOLUTE (MED-1497)	7.3	9.0	7.1	5.2	7.9	7.3
SEABRING (BA 79-260)	9.0	9.0	6.3	5.6	6.6	7.3
CHALLENGER	7.7	8.7	6.3	5.7	8.1	7.3
BA 70-060	7.0	8.3	7.8	6.0	7.2	7.3

TABLE 42. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

NAME	IL1	IN1	NC1	NJ1	OK1	MEAN
CHICAGO (J-2582)	7.7	9.0	6.4	5.2	8.0	7.3
COVENTRY	7.0	8.7	6.7	6.6	7.3	7.3
ENVICTA (BA 75-173)	7.0	9.0	7.3	5.3	7.2	7.2
ABBAY	5.3	8.7	8.1	6.0	7.7	7.2
LIBERATOR (ZPS-2572)	5.0	8.7	7.2	7.0	7.9	7.2
NUSTAR	5.7	8.3	8.3	5.3	8.1	7.2
LTP-620	6.0	9.0	7.3	5.4	8.0	7.1
BA 81-220	7.7	8.3	6.8	5.4	7.4	7.1
ALLURE	7.0	8.3	6.3	6.5	7.4	7.1
MARQUIS	6.7	8.0	7.4	6.0	7.4	7.1
SERENE (PST-A7-245A)	7.7	9.0	6.9	5.2	6.7	7.1
BLACKSBURG	6.7	9.0	7.2	4.5	8.0	7.1
WILDWOOD	7.0	9.0	6.9	4.8	7.7	7.1
AWARD	5.0	8.7	6.8	6.7	8.2	7.1
QUANTUM LEAP (J-1567)	5.7	9.0	7.1	5.5	8.0	7.1
BA 73-373	5.0	9.0	7.0	5.8	8.3	7.0
BA 75-490	6.0	9.0	7.0	5.8	7.2	7.0
EXPLORER (PICK-3561)	7.0	9.0	6.7	5.0	7.3	7.0
CHATEAU	8.0	7.3	7.1	5.0	7.4	7.0
BA 77-702	7.7	7.7	6.7	6.0	6.8	7.0
LIVINGSTON	6.3	8.7	7.0	5.2	7.3	6.9
ADVOCATE (HV 130)	6.0	9.0	7.0	5.8	6.7	6.9
BARON	6.3	7.0	6.7	6.6	7.8	6.9
HV 242	7.3	8.7	6.3	4.3	7.7	6.9
J-1555	7.0	9.0	6.4	4.0	7.9	6.9
GOLDRUSH (BA 87-102)	6.0	8.0	7.6	5.3	7.3	6.8
COMPACT	6.7	7.3	7.0	6.4	6.7	6.8
BAR VB 6820	7.0	9.0	7.0	4.5	6.6	6.8
CHAMPAGNE (LTP-621)	5.7	8.3	6.9	6.2	7.0	6.8
VB 16015	6.3	9.0	7.2	4.5	6.8	6.8
PST-BO-165	7.0	9.0	6.3	4.0	7.1	6.7
PST-P46	5.7	8.3	6.8	5.2	7.3	6.7
BA 75-163	6.0	9.0	6.3	4.5	7.4	6.7
ARCADIA (J-1936)	5.0	9.0	6.8	4.5	7.9	6.6
PICK-855	6.3	8.7	6.6	4.7	6.9	6.6
SR 2109	7.0	9.0	6.8	3.7	6.4	6.6
BA 81-113	5.7	7.7	7.3	4.0	7.9	6.5
BLUECHIP (MED-1991)	4.7	8.7	6.8	4.3	8.1	6.5
H86-690	6.7	8.0	7.3	4.0	6.6	6.5
NJ-GD	6.3	7.3	7.6	4.5	6.8	6.5
BAR VB 3115B	6.0	8.3	6.3	5.0	6.7	6.5
BA 76-197	5.7	8.7	6.6	4.0	7.4	6.5
LKB-95	6.0	7.7	7.1	4.5	6.8	6.4
NJ-54	6.0	9.0	6.7	3.0	7.0	6.3
BARTITIA	5.3	7.7	6.7	4.3	7.3	6.3

TABLE 42. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

NAME	IL1	IN1	NC1	NJ1	OK1	MEAN
SHAMROCK	5.7	8.0	6.6	4.3	6.6	6.2
KENBLUE	6.7	6.7	6.4	4.2	6.7	6.1
BARUZO	5.7	7.3	7.9	2.8	6.6	6.0
NIMBUS	4.3	8.3	6.3	4.2	7.0	6.0
MED-1580	5.0	8.3	6.6	4.2	6.1	6.0
ZPS-2183	5.0	7.0	6.6	4.3	7.1	6.0
MISTY (BA 76-372)	5.0	8.0	6.9	2.2	7.7	6.0
PEPAYA (DP 37-192)	8.0	7.0	6.4	2.8	5.4	5.9
LIPOA	7.0	7.3	6.6	2.5	6.1	5.9
ASCOT	4.0	6.3	6.2	4.7	7.8	5.8
SODNET	5.7	8.0	6.4	1.8	6.2	5.6
CARDIFF	5.0	7.0	6.9	2.7	6.4	5.6
SRX 2205	4.0	7.3	6.3	3.2	6.7	5.5
NJ 1190	4.0	4.7	6.4	2.7	6.7	4.9
LSD VALUE	2.2	1.6	1.8	1.8	1.4	0.8
C.V. (%)	19.9	11.9	28.2	27.0	19.9	23.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SUMMER PATCH RATED AT "IL1" & "IN1" IN 1997, AT "NC1" IN 1996 & 1998-99, AT "NJ1" IN 1996 & 1999, AND AT "OK1" IN 1996-97 & 1999.

TABLE 43.

STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
STRIPE SMUT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NJ2	NAME	NJ2	NAME	NJ2
BAR VB 6820	9.0	PST-BO-165	8.5	SR 2100	2.8
BARIRIS (BAR VB 5649)	9.0	ECLIPSE	8.3	ADVOCATE (HV 130)	2.2
BARTITIA	9.0	PST-P46	8.3	ABBAY	2.0
BLACKSTONE (PST-638)	9.0	SR 2000	8.3	BA 73-373	1.8
CHATEAU	9.0	APOLLO (PST-B3-180)	8.2	BA 81-113	1.5
JEFFERSON	9.0	BA 76-197	8.2	ENVICTA (BA 75-173)	1.5
KENBLUE	9.0	PICK-855	8.2	GOLDRUSH (BA 87-102)	1.5
LKB-95	9.0	RAMBO (J-2579)	8.2	BA 81-220	1.3
MISTY (BA 76-372)	9.0	SHAMROCK	8.2	BLUECHIP (MED-1991)	1.3
NJ-GD	9.0	SIDEKICK	8.2	RAVEN	1.3
NORTH STAR (PST-A7-60)	9.0	ARCADIA (J-1936)	8.0	BA 77-702	1.2
PEPAYA (DP 37-192)	9.0	COMPACT	8.0	FORTUNA	1.2
PICK 8	9.0	HAGA	8.0	BA 70-060	1.0
SODNET	9.0	NUGLADE	8.0	BARON	1.0
SR 2109	9.0	SEABRING (BA 79-260)	8.0	MARQUIS	1.0
SRX 2205	9.0	ASCOT	7.8		
WILDWOOD	9.0	AWARD	7.8	LSD VALUE	1.4
ZPS-309	9.0	BLACKSBURG	7.8	C.V. (%)	16.9
BA 81-270	8.8	CHICAGO (J-2582)	7.8		
GLADE	8.8	IMPACT (J-1576)	7.8		
H86-690	8.8	NJ-54	7.8		
JEWEL (BA 81-227)	8.8	SHOWCASE (PST-BO-141)	7.8		
MOONLIGHT (PST-A418)	8.8	BA 75-490	7.7		
PLATINI	8.8	BAR VB 3115B	7.7		
RUGBY II (MED-18)	8.8	QUANTUM LEAP (J-1567)	7.7		
ZPS-2183	8.8	TOTAL ECLIPSE (TCR-1738)	7.7		
BARONIE	8.7	BA 75-163	7.5		
BRILLIANT (PST-B2-42)	8.7	CHALLENGER	7.5		
CLASSIC	8.7	HV 242	7.5		
COVENTRY	8.7	ODYSSEY (J-1561)	7.5		
LIVINGSTON	8.7	SERENE (PST-A7-245A)	7.3		
LTP-620	8.7	BARUZO	7.2		
MIDNIGHT	8.7	CALIBER	7.2		
NUSTAR	8.7	LIBERATOR (ZPS-2572)	6.8		
PRINCETON 105	8.7	EXPLORER (PICK-3561)	6.0		
UNIQUE	8.7	J-1555	5.8		
ALLURE	8.5	LIPOA	5.8		
AMERICA	8.5	A88-744	5.3		
BARITONE (BAR VB 233)	8.5	DRAGON (ZPS-429)	5.2		
BARONETTE (BA 81-058)	8.5	NIMBUS	5.2		
CARDIFF	8.5	MED-1580	5.0		
CHAMPAGNE (LTP-621)	8.5	LIMOUSINE	4.8		
CONNI	8.5	VB 16015	4.2		
NJ 1190	8.5	ABSOLUTE (MED-1497)	3.0		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ STRIPE SMUT RATED IN 1998-99.

TABLE 44.

NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
NECROTIC RING SPOT RATINGS 1-9; 9=NONE 2/ 3/

NAME	MN1	PA1	MEAN	NAME	MN1	PA1	MEAN	NAME	MN1	PA1	MEAN
AWARD	9.0	9.0	9.0	PICK 8	7.0	9.0	8.0	BARUZO	5.3	8.7	7.0
IMPACT (J-1576)	9.0	9.0	9.0	PST-P46	7.0	9.0	8.0	BLACKSBURG	5.0	9.0	7.0
LIBERATOR (ZPS-2572)	9.0	9.0	9.0	ZPS-2183	7.0	9.0	8.0	EXPLORER (PICK-3561)	5.0	9.0	7.0
MIDNIGHT	9.0	9.0	9.0	ARCADIA (J-1936)	6.7	9.0	7.8	GOLDRUSH (BA 87-102)	5.0	9.0	7.0
TOTAL ECLIPSE (TCR-1738)	9.0	9.0	9.0	BA 75-163	6.7	9.0	7.8	PICK-855	6.7	6.7	6.7
A88-744	8.7	9.0	8.8	BA 75-490	6.7	9.0	7.8	CONNI	4.3	8.7	6.5
APOLLO (PST-B3-180)	8.7	9.0	8.8	BA 77-702	6.7	9.0	7.8	RAMBO (J-2579)	4.0	9.0	6.5
ODYSSEY (J-1561)	8.7	9.0	8.8	CARDIFF	6.7	9.0	7.8	PLATINI	4.7	8.0	6.3
PRINCETON 105	8.7	9.0	8.8	COVENTRY	6.7	9.0	7.8	ZPS-309	5.0	7.7	6.3
SHOWCASE (PST-BO-141)	8.7	9.0	8.8	GLADE	6.7	9.0	7.8	LIMOUSINE	3.7	8.7	6.2
AMERICA	8.3	9.0	8.7	JEWEL (BA 81-227)	6.7	9.0	7.8	BARIRIS (BAR VB 5649)	4.3	7.7	6.0
BAR VB 3115B	8.3	9.0	8.7	LIVINGSTON	6.7	9.0	7.8	HV 242	6.0	3.3	4.7
SIDEKICK	8.3	9.0	8.7	NORTH STAR (PST-A7-60)	6.7	9.0	7.8	BAR VB 6820	5.3	4.0	4.7
UNIQUE	8.3	9.0	8.7	SR 2109	6.7	9.0	7.8	BARITONE (BAR VB 233)	4.3	5.0	4.7
BRILLIANT (PST-B2-42)	8.0	9.0	8.5	ASCOT	6.3	9.0	7.7	PEPAYA (DP 37-192)	3.0	2.7	2.8
FORTUNA	8.0	9.0	8.5	BA 73-373	6.3	9.0	7.7				
KENBLUE	8.0	9.0	8.5	BA 81-270	6.3	9.0	7.7	LSD VALUE	2.2	1.0	1.2
MOONLIGHT (PST-A418)	8.0	9.0	8.5	BARON	6.3	9.0	7.7	C.V. (%)	20.6	7.0	13.9
NUGLADE	8.0	9.0	8.5	CHICAGO (J-2582)	6.3	9.0	7.7				
RUGBY II (MED-18)	8.0	9.0	8.5	MARQUIS	6.3	9.0	7.7				
SODNET	8.0	9.0	8.5	MISTY (BA 76-372)	6.3	9.0	7.7				
SR 2000	8.0	9.0	8.5	NJ 1190	6.3	9.0	7.7				
ALLURE	7.7	9.0	8.3	PST-BO-165	6.3	9.0	7.7				
CHAMPAGNE (LTP-621)	7.7	9.0	8.3	BA 70-060	6.0	9.0	7.5				
HAGA	7.7	9.0	8.3	BARONETTE (BA 81-058)	6.0	9.0	7.5				
LKB-95	7.7	9.0	8.3	BLACKSTONE (PST-638)	6.0	9.0	7.5				
SEABRING (BA 79-260)	8.3	8.3	8.3	LTP-620	6.0	9.0	7.5				
VB 16015	7.7	9.0	8.3	MED-1580	6.0	9.0	7.5				
WILDWOOD	7.7	9.0	8.3	NIMBUS	6.0	9.0	7.5				
ABBAY	7.3	9.0	8.2	SR 2100	6.0	9.0	7.5				
BARONIE	7.7	8.7	8.2	SRX 2205	6.0	9.0	7.5				
CALIBER	7.7	8.7	8.2	ENVICTA (BA 75-173)	5.7	9.0	7.3				
DRAGON (ZPS-429)	7.3	9.0	8.2	LIPOA	5.7	9.0	7.3				
JEFFERSON	7.7	8.7	8.2	ADVOCATE (HV 130)	6.7	7.7	7.2				
NJ-54	7.3	9.0	8.2	ABSOLUTE (MED-1497)	5.7	8.7	7.2				
NJ-GD	7.3	9.0	8.2	BARTITIA	5.3	9.0	7.2				
NUSTAR	7.3	9.0	8.2	BLUECHIP (MED-1991)	5.3	9.0	7.2				
QUANTUM LEAP (J-1567)	7.3	9.0	8.2	CLASSIC	5.3	9.0	7.2				
BA 76-197	7.0	9.0	8.0	COMPACT	5.3	9.0	7.2				
BA 81-220	7.0	9.0	8.0	H86-690	5.3	9.0	7.2				
CHALLENGER	7.0	9.0	8.0	RAVEN	5.3	9.0	7.2				
CHATEAU	7.0	9.0	8.0	SERENE (PST-A7-245A)	5.3	9.0	7.2				
ECLIPSE	7.0	9.0	8.0	SHAMROCK	5.3	9.0	7.2				
J-1555	7.0	9.0	8.0	BA 81-113	5.0	9.0	7.0				

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.

STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

3/ NECROTIC RING SPOT RATED AT "MN1" IN 1999 AND AT "PA1" IN 1998.

TABLE 45.

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
CROWN RUST RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	NC1	NAME	NC1	NAME	NC1
A88-744	9.0	PST-P46	9.0	EARTITIA	7.7
ABBAY	9.0	QUANTUM LEAP (J-1567)	9.0	EPAYA (DP 37-192)	7.7
ABSOLUTE (MED-1497)	9.0	RAVEN	9.0	BAR VB 3115B	7.3
ALLURE	9.0	SEABRING (BA 79-260)	9.0	BARIRIS (BAR VB 5649)	7.3
AMERICA	9.0	SERENE (PST-A7-245A)	9.0	BARITONE (BAR VB 233)	7.3
APOLLO (PST-B3-180)	9.0	SHAMROCK	9.0	NJ-54	7.3
ARCADIA (J-1936)	9.0	SHOWCASE (PST-BO-141)	9.0	PICK-855	7.3
AWARD	9.0	SR 2000	9.0	WILDWOOD	7.3
BA 70-060	9.0	SR 2109	9.0	H86-690	7.0
BA 73-373	9.0	TOTAL ECLIPSE (TCR-1738)	9.0	PLATINI	6.7
BA 75-490	9.0	UNIQUE	9.0	BARUZO	5.7
BA 76-197	9.0	VB 16015	9.0	SODNET	5.7
BA 77-702	9.0	ZPS-309	9.0	SRX 2205	5.7
BA 81-220	9.0	BA 75-163	8.7	ZPS-2183	4.7
BA 81-270	9.0	BA 81-113	8.7	LIPOA	4.3
BARON	9.0	BLACKSTONE (PST-638)	8.7		
BARONETTE (BA 81-058)	9.0	CALIBER	8.7	LSD VALUE	1.4
BARONIE	9.0	CHICAGO (J-2582)	8.7	C.V. (%)	10.6
BRILLIANT (PST-B2-42)	9.0	COVENTRY	8.7		
CHALLENGER	9.0	ECLIPSE	8.7		
CHAMPAGNE (LTP-621)	9.0	FORTUNA	8.7		
CHATEAU	9.0	HAGA	8.7		
CLASSIC	9.0	LIMOUSINE	8.7		
COMPACT	9.0	MISTY (BA 76-372)	8.7		
CONNI	9.0	PICK 8	8.7		
ENVICTA (BA 75-173)	9.0	RUGBY II (MED-18)	8.7		
GLADE	9.0	SIDEKICK	8.7		
GOLDRUSH (BA 87-102)	9.0	SR 2100	8.7		
IMPACT (J-1576)	9.0	BAR VB 6820	8.3		
JEFFERSON	9.0	BLUECHIP (MED-1991)	8.3		
JEWEL (BA 81-227)	9.0	DRAGON (ZPS-429)	8.3		
LIBERATOR (ZPS-2572)	9.0	EXPLORER (PICK-3561)	8.3		
LIVINGSTON	9.0	HV 242	8.3		
LTP-620	9.0	MOONLIGHT (PST-A418)	8.3		
MARQUIS	9.0	NJ 1190	8.3		
MED-1580	9.0	RAMBO (J-2579)	8.3		
MIDNIGHT	9.0	ADVOCATE (HV 130)	8.0		
NIMBUS	9.0	ASCOT	8.0		
NJ-GD	9.0	BLACKSBURG	8.0		
NUGLADE	9.0	CARDIFF	8.0		
NUSTAR	9.0	J-1555	8.0		
ODYSSEY (J-1561)	9.0	KENBLUE	8.0		
PRINCETON 105	9.0	LKB-95	8.0		
PST-BO-165	9.0	NORTH STAR (PST-A7-60)	8.0		

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

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

3/ CROWN RUST RATED IN 1996.

TABLE 46.

POWDERY MILDEW RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

NAME	POWDERY MILDEW RATINGS 1-9; 9=NO DISEASE			NAME	2/ 3/		
	MD2	NJ1	MEAN		MD2	NJ1	MEAN
APOLLO (PST-B3-180)	9.0	9.0	9.0	CALIBER	8.7	3.0	5.8
CONNI	9.0	9.0	9.0	CHAMPAGNE (LTP-621)	9.0	2.7	5.8
LKB-95	9.0	9.0	9.0	NORTH STAR (PST-A7-60)	8.7	3.0	5.8
BARUZO	8.7	9.0	8.8	BA 75-163	8.3	3.0	5.7
BRILLIANT (PST-B2-42)	8.7	9.0	8.8	BA 81-270	8.3	3.0	5.7
UNIQUE	8.7	9.0	8.8	BARITONE (BAR VB 233)	8.0	3.3	5.7
COMPACT	8.3	9.0	8.7	CARDIFF	8.3	3.0	5.7
BLACKSTONE (PST-638)	8.7	8.3	8.5	HV 242	8.3	3.0	5.7
SRX 2205	8.7	8.3	8.5	PST-BO-165	8.3	3.0	5.7
PRINCETON 105	9.0	7.7	8.3	ABSOLUTE (MED-1497)	8.3	2.7	5.5
MISTY (BA 76-372)	8.7	8.0	8.3	CHATEAU	8.7	2.3	5.5
BAR VB 3115B	8.0	8.3	8.2	COVENTRY	8.7	2.3	5.5
PICK 8	8.7	7.7	8.2	HAGA	8.7	2.3	5.5
SHOWCASE (PST-BO-141)	8.7	7.7	8.2	LIPOA	8.7	2.3	5.5
ADVOCATE (HV 130)	8.3	7.3	7.8	SERENE (PST-A7-245A)	8.0	3.0	5.5
MOONLIGHT (PST-A418)	8.0	7.7	7.8	LTP-620	8.0	2.7	5.3
AMERICA	8.7	7.0	7.8	CHALLENGER	7.7	2.7	5.2
GLADE	6.7	8.7	7.7	SODNET	8.0	2.3	5.2
BA 75-490	6.7	8.3	7.5	SHAMROCK	7.3	3.0	5.2
ECLIPSE	8.7	6.3	7.5	EXPLORER (PICK-3561)	7.3	2.7	5.0
KENBLUE	8.3	6.7	7.5	H86-690	8.0	2.0	5.0
PICK-855	8.7	6.3	7.5	NJ-54	7.0	3.0	5.0
SR 2000	7.7	7.3	7.5	ENVICTA (BA 75-173)	7.7	2.0	4.8
RAMBO (J-2579)	8.0	6.7	7.3	BA 77-702	7.0	2.7	4.8
WILDWOOD	8.7	5.7	7.2	A88-744	7.7	1.7	4.7
ASCOT	8.7	5.3	7.0	BARONETTE (BA 81-058)	7.7	1.7	4.7
BA 76-197	8.3	5.7	7.0	CLASSIC	8.3	1.0	4.7
LIMOUSINE	8.7	5.3	7.0	RAVEN	6.7	2.7	4.7
PST-P46	8.3	5.7	7.0	BARTITIA	6.3	3.0	4.7
MED-1580	8.3	5.3	6.8	LIVINGSTON	7.3	2.0	4.7
SIDEKICK	8.0	5.7	6.8	ABBAY	6.7	2.3	4.5
SR 2109	8.7	4.7	6.7	BAR VB 6820	6.3	2.7	4.5
JEWEL (BA 81-227)	8.0	5.0	6.5	BARONIE	7.3	1.7	4.5
NJ-GD	8.7	4.3	6.5	CHICAGO (J-2582)	7.0	2.0	4.5
BLACKSBURG	8.0	4.7	6.3	FORTUNA	7.0	2.0	4.5
NIMBUS	9.0	3.7	6.3	GOLDRUSH (BA 87-102)	7.0	2.0	4.5
NJ 1190	8.7	4.0	6.3	J-1555	6.7	2.3	4.5
SEABRING (BA 79-260)	8.3	4.0	6.2	PEPAYA (DP 37-192)	6.7	2.3	4.5
BARIRIS (BAR VB 5649)	8.7	3.7	6.2	VB 16015	7.0	2.0	4.5
ZPS-2183	8.7	3.7	6.2	BA 73-373	6.7	2.0	4.3
ALLURE	8.7	3.3	6.0	DRAGON (ZPS-429)	6.7	2.0	4.3
JEFFERSON	8.7	3.3	6.0	IMPACT (J-1576)	6.7	1.7	4.2
ZPS-309	8.7	3.3	6.0	MARQUIS	6.0	2.3	4.2
PLATINI	8.3	3.3	5.8	BA 70-060	6.3	2.0	4.2

TABLE 46. POWDERY MILDEW RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

POWDERY MILDEW RATINGS 1-9; 9=NO DISEASE

NAME	MD2	NJ1	MEAN
BA 81-220	6.3	2.0	4.2
ARCADIA (J-1936)	6.3	1.7	4.0
BARON	6.0	2.0	4.0
NUGLADE	6.3	1.7	4.0
NUSTAR	6.0	2.0	4.0
SR 2100	6.3	1.7	4.0
BA 81-113	5.7	2.0	3.8
BLUECHIP (MED-1991)	5.7	2.0	3.8
ODYSSEY (J-1561)	6.3	1.3	3.8
RUGBY II (MED-18)	6.3	1.0	3.7
AWARD	5.7	1.0	3.3
LIBERATOR (ZPS-2572)	5.7	1.0	3.3
QUANTUM LEAP (J-1567)	5.3	1.3	3.3
MIDNIGHT	5.3	1.0	3.2
TOTAL ECLIPSE (TCR-1738)	5.0	1.3	3.2
LSD VALUE	1.4	1.1	0.9
C.V. (%)	11.5	16.4	13.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ POWDERY MILDEW RATED AT "MD2" IN 1996 AND AT "NJ1" IN 1997 FOR GREENHOUSE STUDY.

TABLE 47.

CHINCH BUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
CHINCH BUG RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	NE2	NAME	NE2	NAME	NE2
ABSOLUTE (MED-1497)	9.0	SHOWCASE (PST-BO-141)	9.0	MISTY (BA 76-372)	8.3
ADVOCATE (HV 130)	9.0	SR 2000	9.0	PEPAYA (DP 37-192)	8.3
AMERICA	9.0	UNIQUE	9.0	PRINCETON 105	8.3
APOLLO (PST-B3-180)	9.0	WILDWOOD	9.0	A88-744	8.0
BA 75-163	9.0	ZPS-2183	9.0	ASCOT	8.0
BA 75-490	9.0	ZPS-309	9.0	BARTITIA	8.0
BA 81-220	9.0	ABBAY	8.7	BLACKSBURG	8.0
BA 81-270	9.0	ALLURE	8.7	FORTUNA	8.0
BAR VB 3115B	9.0	ARCADIA (J-1936)	8.7	NJ-GD	8.0
BAR VB 6820	9.0	BA 70-060	8.7	VB 16015	8.0
BARIRIS (BAR VB 5649)	9.0	BA 73-373	8.7	BARITONE (BAR VB 233)	7.7
BARONETTE (BA 81-058)	9.0	BARONIE	8.7	JEFFERSON	7.7
BARUZO	9.0	BLACKSTONE (PST-638)	8.7	LIBERATOR (ZPS-2572)	7.7
BLUECHIP (MED-1991)	9.0	CALIBER	8.7		
BRILLIANT (PST-B2-42)	9.0	COMPACT	8.7	LSD VALUE	0.9
CARDIFF	9.0	ECLIPSE	8.7	C.V. (%)	6.6
CHALLENGER	9.0	EXPLORER (PICK-3561)	8.7		
CHATEAU	9.0	GLADE	8.7		
CHICAGO (J-2582)	9.0	GOLDRUSH (BA 87-102)	8.7		
CONNI	9.0	HAGA	8.7		
COVENTRY	9.0	HV 242	8.7		
ENVICTA (BA 75-173)	9.0	J-1555	8.7		
H86-690	9.0	JEWEL (BA 81-227)	8.7		
IMPACT (J-1576)	9.0	LKB-95	8.7		
KENBLUE	9.0	MARQUIS	8.7		
LIMOUSINE	9.0	MED-1580	8.7		
LIPOA	9.0	MIDNIGHT	8.7		
LIVINGSTON	9.0	NORTH STAR (PST-A7-60)	8.7		
LTP-620	9.0	RAVEN	8.7		
MOONLIGHT (PST-A418)	9.0	SEABRING (BA 79-260)	8.7		
NIMBUS	9.0	SERENE (PST-A7-245A)	8.7		
NJ 1190	9.0	SIDEKICK	8.7		
NJ-54	9.0	SODNET	8.7		
NUGLADE	9.0	SR 2100	8.7		
NUSTAR	9.0	SR 2109	8.7		
ODYSSEY (J-1561)	9.0	SRX 2205	8.7		
PICK 8	9.0	TOTAL ECLIPSE (TCR-1738)	8.7		
PICK-855	9.0	AWARD	8.3		
PLATINI	9.0	BA 76-197	8.3		
PST-BO-165	9.0	BA 77-702	8.3		
PST-P46	9.0	BA 81-113	8.3		
QUANTUM LEAP (J-1567)	9.0	BARON	8.3		
RAMBO (J-2579)	9.0	CHAMPAGNE (LTP-621)	8.3		
RUGBY II (MED-18)	9.0	CLASSIC	8.3		
SHAMROCK	9.0	DRAGON (ZPS-429)	8.3		

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

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

3/ CHINCH BUG RATED IN 1997.

TABLE 48.

BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

					BILLBUG RATINGS 1-9; 9=NO DAMAGE 2/ 3/				
NAME	KS1	NJ1	NJ2	MEAN	NAME	KS1	NJ1	NJ2	MEAN
ZPS-2183	7.4	9.0	6.8	7.8	SR 2000	7.2	7.0	5.2	6.5
BARTITIA	7.0	9.0	6.8	7.6	IMPACT (J-1576)	6.3	6.7	6.3	6.4
BLACKSTONE (PST-638)	7.6	9.0	6.2	7.6	PRINCETON 105	6.0	6.3	6.8	6.4
MOONLIGHT (PST-A418)	7.0	7.7	8.0	7.6	EXPLORER (PICK-3561)	6.8	7.0	5.3	6.4
ASCOT	6.6	9.0	6.7	7.4	MED-1580	6.1	7.7	5.3	6.4
PST-P46	6.9	8.5	6.8	7.4	LIVINGSTON	6.3	7.0	5.7	6.3
NORTH STAR (PST-A7-60)	7.0	8.3	6.8	7.4	APOLLO (PST-B3-180)	7.9	5.3	5.7	6.3
MIDNIGHT	6.9	7.3	7.7	7.3	AWARD	6.6	5.7	6.7	6.3
NJ-54	6.9	9.0	6.0	7.3	NIMBUS	6.7	7.0	5.2	6.3
LIPOA	6.7	9.0	6.2	7.3	CARDIFF	6.2	.	6.3	6.3
PICK 8	7.3	9.0	5.5	7.3	GLADE	6.9	6.7	5.2	6.2
NJ 1190	6.6	9.0	6.2	7.2	MARQUIS	6.9	6.0	5.8	6.2
SHOWCASE (PST-BO-141)	7.9	7.3	6.5	7.2	H86-690	6.8	.	5.7	6.2
AMERICA	7.6	7.5	6.3	7.1	CHALLENGER	6.7	5.3	6.5	6.2
SR 2109	7.1	7.0	7.2	7.1	RAVEN	6.7	6.7	5.2	6.2
ODYSSEY (J-1561)	6.7	7.7	6.8	7.1	ECLIPSE	6.4	6.0	6.0	6.1
BRILLIANT (PST-B2-42)	7.8	6.0	7.3	7.0	GOLDRUSH (BA 87-102)	6.8	6.7	5.0	6.1
BLACKSBURG	7.4	7.3	6.2	7.0	NJ-GD	6.0	5.7	6.7	6.1
JEFFERSON	6.4	7.3	7.2	7.0	KENBLUE	5.9	5.0	6.8	5.9
CONNI	6.7	7.0	7.2	6.9	BA 75-490	6.3	6.0	5.3	5.9
UNIQUE	8.0	7.0	5.8	6.9	HAGA	6.0	7.3	4.3	5.9
LIMOUSINE	6.4	9.0	5.3	6.9	ALLURE	6.2	4.7	6.5	5.8
BA 76-197	6.4	8.5	5.7	6.9	BARONETTE (BA 81-058)	6.7	4.0	6.7	5.8
NUGLADE	6.2	7.3	7.0	6.9	BARON	6.4	6.0	4.8	5.8
NUSTAR	7.0	7.7	5.8	6.8	COMPACT	6.3	5.0	5.8	5.7
SRX 2205	7.7	6.3	6.5	6.8	ARCADIA (J-1936)	6.4	4.5	6.2	5.7
ABSOLUTE (MED-1497)	5.8	8.5	6.2	6.8	BA 81-270	6.1	5.0	6.0	5.7
CHICAGO (J-2582)	6.4	8.5	5.5	6.8	ZPS-309	6.9	6.3	3.8	5.7
SEABRING (BA 79-260)	6.1	8.0	6.3	6.8	LKB-95	6.4	5.0	5.5	5.6
WILDWOOD	7.6	5.5	7.3	6.8	BA 73-373	7.0	5.0	4.8	5.6
BA 81-113	6.7	9.0	4.7	6.8	CALIBER	6.4	5.7	4.7	5.6
PICK-855	6.7	8.3	5.3	6.8	DRAGON (ZPS-429)	6.1	6.0	4.7	5.6
BAR VB 6820	5.4	7.0	7.8	6.8	SODNET	4.8	7.0	5.0	5.6
MISTY (BA 76-372)	6.8	7.0	6.5	6.8	ABBAY	7.2	5.7	3.8	5.6
BLUECHIP (MED-1991)	6.0	9.0	5.2	6.7	SERENE (PST-A7-245A)	6.2	5.0	5.5	5.6
BA 70-060	6.6	8.0	5.3	6.6	COVENTRY	6.8	4.0	5.8	5.5
J-1555	5.7	9.0	5.2	6.6	PLATINI	6.6	6.0	4.0	5.5
TOTAL ECLIPSE (TCR-1738)	7.1	5.7	7.0	6.6	VB 16015	6.2	6.0	4.3	5.5
BA 75-163	6.6	8.0	5.0	6.5	SHAMROCK	6.1	5.0	5.3	5.5
BAR VB 3115B	6.6	6.5	6.5	6.5	SR 2100	6.6	5.0	4.3	5.3
FORTUNA	6.9	7.0	5.7	6.5	A88-744	6.3	6.0	3.5	5.3
QUANTUM LEAP (J-1567)	6.9	5.5	7.2	6.5	RAMBO (J-2579)	6.3	4.0	5.5	5.3
RUGBY II (MED-18)	6.6	7.0	6.0	6.5	BARIRIS (BAR VB 5649)	6.1	5.7	4.0	5.3
LIBERATOR (ZPS-2572)	6.3	6.3	6.8	6.5	ENVICTA (BA 75-173)	6.8	4.5	4.3	5.2

TABLE 48. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE

NAME	KS1	NJ1	NJ2	MEAN
PST-BO-165	6.0	4.0	5.5	5.2
BA 81-220	6.7	3.7	5.0	5.1
PEPAYA (DP 37-192)	4.6	.	5.7	5.1
BARITONE (BAR VB 233)	6.6	5.0	3.7	5.1
CHATEAU	5.8	2.7	6.7	5.0
SIDEKICK	6.4	4.5	4.0	5.0
HV 242	6.0	5.7	3.2	4.9
BA 77-702	6.7	3.0	5.0	4.9
CHAMPAGNE (LTP-621)	6.2	3.7	4.7	4.9
CLASSIC	5.9	5.0	3.5	4.8
BARONIE	6.3	5.3	2.7	4.8
JEWEL (BA 81-227)	6.0	3.0	5.2	4.7
LTP-620	6.1	4.0	3.7	4.6
BARUZO	4.8	.	4.2	4.5
ADVOCATE (HV 130)	6.4	2.5	4.0	4.3
LSD VALUE	2.0	3.6	1.7	1.3
C.V. (%)	32.3	30.1	26.0	30.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BILLBUG RATED AT "KS1" IN 1996-98, AT "NJ1" IN 1999, AND AT "NJ2" IN 1997-98.

TABLE 49.

SOD STRENGTH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

SOD STRENGTH MEASURED IN KILOGRAMS OF TENSION 2/ 3/

NAME	MD1	NE1	MEAN	NAME	MD1	NE1	MEAN
PRINCETON 105	28.7	42.8	35.8	SR 2109	19.0	32.5	25.8
LIBERATOR (ZPS-2572)	30.3	35.5	32.9	APOLLO (PST-B3-180)	21.3	30.0	25.7
MED-1580	18.0	47.2	32.6	ASCOT	14.3	36.8	25.6
ARCADIA (J-1936)	23.7	41.3	32.5	BARONETTE (BA 81-058)	16.7	34.5	25.6
AMERICA	26.0	38.7	32.3	J-1555	23.0	27.7	25.3
SHOWCASE (PST-BO-141)	26.7	37.8	32.3	RAVEN	19.7	30.3	25.0
TOTAL ECLIPSE (TCR-1738)	21.7	42.5	32.1	PST-P46	16.0	33.8	24.9
CONNI	20.7	42.7	31.7	BA 73-373	23.3	25.7	24.5
NJ-54	22.3	40.5	31.4	LIVINGSTON	20.0	29.0	24.5
COVENTRY	22.0	40.5	31.3	PICK 8	16.3	32.5	24.4
CHATEAU	20.0	41.8	30.9	BA 77-702	20.7	27.3	24.0
BARTITIA	17.3	44.2	30.8	LKB-95	17.7	30.3	24.0
QUANTUM LEAP (J-1567)	19.3	42.0	30.7	LTP-620	15.0	33.0	24.0
JEWEL (BA 81-227)	20.7	40.3	30.5	ALLURE	20.7	26.5	23.6
UNIQUE	22.3	38.7	30.5	MISTY (BA 76-372)	13.7	33.5	23.6
SHAMROCK	16.0	44.7	30.3	PICK-855	14.0	32.8	23.4
CHICAGO (J-2582)	24.7	35.8	30.3	GLADE	21.7	25.0	23.3
BA 81-270	19.7	40.6	30.1	SODNET	12.3	34.3	23.3
RUGBY II (MED-18)	22.0	37.0	29.5	ABBEY	17.0	29.5	23.3
MIDNIGHT	21.0	37.7	29.3	CHALLENGER	15.3	31.0	23.2
SR 2000	19.0	39.3	29.2	BARON	21.3	24.7	23.0
BLACKSTONE (PST-638)	27.3	30.2	28.8	VB 16015	20.7	25.3	23.0
IMPACT (J-1576)	26.3	30.8	28.6	ENVICTA (BA 75-173)	20.7	25.0	22.8
NUGLADE	25.3	31.8	28.6	NUSTAR	19.0	26.3	22.7
MOONLIGHT (PST-A418)	22.0	35.0	28.5	BA 70-060	21.0	24.2	22.6
NORTH STAR (PST-A7-60)	18.3	38.7	28.5	CLASSIC	16.7	28.2	22.4
ODYSSEY (J-1561)	22.7	34.2	28.4	NJ-GD	16.0	28.8	22.4
SR 2100	17.3	39.0	28.2	BLUECHIP (MED-1991)	18.3	26.2	22.3
BARONIE	22.0	34.2	28.1	RAMBO (J-2579)	14.3	30.0	22.2
NIMBUS	19.0	36.8	27.9	BA 81-220	18.0	26.2	22.1
BA 75-490	14.0	41.5	27.8	FORTUNA	16.7	27.5	22.1
JEFFERSON	19.3	35.8	27.6	BARIRIS (BAR VB 5649)	17.3	26.8	22.1
SRX 2205	19.0	36.0	27.5	A88-744	16.7	27.0	21.8
PST-BO-165	18.3	36.5	27.4	H86-690	17.0	26.5	21.8
AWARD	22.0	32.3	27.2	BA 76-197	14.3	28.7	21.5
EXPLORER (PICK-3561)	19.0	35.3	27.2	MARQUIS	19.0	23.7	21.3
SERENE (PST-A7-245A)	21.7	32.5	27.1	CHAMPAGNE (LTP-621)	18.3	24.2	21.3
GOLDRUSH (BA 87-102)	19.7	34.3	27.0	SIDEKICK	15.7	26.5	21.1
ZPS-2183	23.0	29.7	26.3	KENBLUE	14.0	27.7	20.8
DRAGON (ZPS-429)	25.3	27.0	26.2	WILDWOOD	14.7	27.0	20.8
BAR VB 6820	20.0	32.2	26.1	ECLIPSE	17.3	23.2	20.3
BRILLIANT (PST-B2-42)	21.3	30.3	25.8	PLATINI	17.3	23.0	20.2
ABSOLUTE (MED-1497)	21.3	30.2	25.8	PEPAYA (DP 37-192)	13.0	26.7	19.8
HAGA	16.3	35.2	25.8	CALIBER	16.7	22.8	19.8

TABLE 49. SOD STRENGTH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SOD STRENGTH MEASURED IN KILOGRAMS OF TENSION			
NAME	MD1	NE1	MEAN
BAR VB 3115B	13.0	25.8	19.4
ADVOCATE (HV 130)	16.7	20.8	18.8
NJ 1190	12.7	24.5	18.6
LIMOUSINE	15.7	21.0	18.3
COMPACT	15.3	19.8	17.6
SEABRING (BA 79-260)	13.0	21.4	17.2
ZPS-309	15.7	18.7	17.2
LIPOA	15.0	17.0	16.0
BA 75-163	12.7	17.8	15.3
BARITONE (BAR VB 233)	16.0	14.5	15.3
BLACKSBURG	19.7	10.8	15.3
HV 242	13.7	16.8	15.3
BA 81-113	18.3	11.8	15.1
CARDIFF	13.3	15.3	14.3
BARUZO	10.3	15.0	12.7
LSD VALUE	5.4	20.9	14.6
C.V. (%)	17.9	60.3	63.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SOD STRENGTH RATED AT "MD1" IN 1996 AND AT "NE1" IN 1996-97.

TABLE 50.

DAMPING OFF RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
DAMPING OFF RATINGS 1-9; 9=NONE 2/ 3/

NAME	ME1	NAME	ME1	NAME	ME1
COMPACT	7.7	QUANTUM LEAP (J-1567)	5.0	COVENTRY	3.7
SIDEKICK	7.3	TOTAL ECLIPSE (TCR-1738)	5.0	EXPLORER (PICK-3561)	3.7
BARON	7.0	ALLURE	4.7	LKB-95	3.7
NJ-54	7.0	ARCADIA (J-1936)	4.7	NJ-GD	3.7
BA 81-220	6.7	BA 76-197	4.7	SEABRING (BA 79-260)	3.7
CHALLENGER	6.7	BA 77-702	4.7	WILDWOOD	3.7
BA 70-060	6.3	BARIRIS (BAR VB 5649)	4.7	ZPS-2183	3.7
BA 75-163	6.0	BARONETTE (BA 81-058)	4.7	CLASSIC	3.3
CARDIFF	6.0	DRAGON (ZPS-429)	4.7	FORTUNA	3.3
CONNI	6.0	J-1555	4.7	ODYSSEY (J-1561)	3.3
GOLDRUSH (BA 87-102)	6.0	LIMOUSINE	4.7	RAMBO (J-2579)	3.3
NORTH STAR (PST-A7-60)	6.0	MED-1580	4.7	RUGBY II (MED-18)	3.3
PICK-855	6.0	NIMBUS	4.7	ABSOLUTE (MED-1497)	3.0
SHOWCASE (PST-BO-141)	6.0	PLATINI	4.7	BA 81-270	3.0
SODNET	6.0	PST-BO-165	4.7	AMERICA	2.7
BLUECHIP (MED-1991)	5.7	RAVEN	4.7		
JEFFERSON	5.7	SERENE (PST-A7-245A)	4.7	LSD VALUE	3.7
KENBLUE	5.7	SHAMROCK	4.7	C.V. (%)	47.6
LTP-620	5.7	VB 16015	4.7		
ASCOT	5.3	ZPS-309	4.7		
BA 73-373	5.3	SR 2000	4.5		
BAR VB 3115B	5.3	BAR VB 6820	4.3		
BLACKSBURG	5.3	BARITONE (BAR VB 233)	4.3		
GLADE	5.3	CHAMPAGNE (LTP-621)	4.3		
H86-690	5.3	CHATEAU	4.3		
HV 242	5.3	ECLIPSE	4.3		
IMPACT (J-1576)	5.3	HAGA	4.3		
JEWEL (BA 81-227)	5.3	MOONLIGHT (PST-A418)	4.3		
LIBERATOR (ZPS-2572)	5.3	NJ 1190	4.3		
LIPOA	5.3	NUGLADE	4.3		
MARQUIS	5.3	NUSTAR	4.3		
SR 2109	5.3	PICK 8	4.3		
A88-744	5.0	PRINCETON 105	4.3		
ABBAY	5.0	PST-P46	4.3		
ADVOCATE (HV 130)	5.0	SR 2100	4.3		
BA 75-490	5.0	UNIQUE	4.3		
BA 81-113	5.0	APOLLO (PST-B3-180)	4.0		
BARTITIA	5.0	AWARD	4.0		
BARUZO	5.0	MIDNIGHT	4.0		
CHICAGO (J-2582)	5.0	SRX 2205	4.0		
ENVICTA (BA 75-173)	5.0	BARONIE	3.7		
LIVINGSTON	5.0	BLACKSTONE (PST-638)	3.7		
MISTY (BA 76-372)	5.0	BRILLIANT (PST-B2-42)	3.7		
PEPAYA (DP 37-192)	5.0	CALIBER	3.7		

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

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

3/ DAMPING OFF RATED IN 1996.

TABLE 51.

POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA
POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

NAME	NJ1	NAME	NJ1	NAME	NJ1
AMERICA	7.7	BA 81-113	5.7	MISTY (BA 76-372)	3.0
CLASSIC	7.7	BARUZO	5.7	QUANTUM LEAP (J-1567)	3.0
KENBLUE	7.7	PICK 8	5.7	TOTAL ECLIPSE (TCR-1738)	3.0
BARITONE (BAR VB 233)	7.3	PRINCETON 105	5.7	ARCADIA (J-1936)	2.7
BARONIE	7.3	PST-P46	5.7	NUGLADE	2.7
HAGA	7.3	A88-744	5.3	ODYSSEY (J-1561)	2.7
NIMBUS	7.3	ADVOCATE (HV 130)	5.3	PEPAYA (DP 37-192)	2.7
PLATINI	7.3	ALLURE	5.3	RAMBO (J-2579)	2.7
WILDWOOD	7.3	BA 77-702	5.3	SERENE (PST-A7-245A)	2.7
ABBEY	7.0	BA 81-270	5.3	AWARD	2.3
BARON	7.0	BRILLIANT (PST-B2-42)	5.3	BAR VB 6820	2.3
BARTITIA	7.0	CHATEAU	5.3	BLUECHIP (MED-1991)	2.3
ENVICTA (BA 75-173)	7.0	DRAGON (ZPS-429)	5.3	PST-BO-165	2.3
JEFFERSON	7.0	PICK-855	5.3	IMPACT (J-1576)	2.0
LIVINGSTON	7.0	SHOWCASE (PST-BO-141)	5.3	SODNET	1.7
BA 73-373	6.7	SIDEKICK	5.3		
BA 75-490	6.7	ZPS-309	5.3	LSD VALUE	1.5
BA 81-220	6.7	BA 75-163	5.0	C.V. (%)	17.6
BLACKSBURG	6.7	BA 76-197	5.0		
CHAMPAGNE (LTP-621)	6.7	CHALLENGER	5.0		
MARQUIS	6.7	ECLIPSE	5.0		
SR 2100	6.7	H86-690	5.0		
BA 70-060	6.3	JEWEL (BA 81-227)	5.0		
BAR VB 3115B	6.3	BARIRIS (BAR VB 5649)	4.7		
CALIBER	6.3	COMPACT	4.7		
COVENTRY	6.3	SEABRING (BA 79-260)	4.7		
GLADE	6.3	ASCOT	4.3		
NJ-GD	6.3	CONNI	4.3		
NUSTAR	6.3	HV 242	4.3		
RAVEN	6.3	MED-1580	4.3		
SR 2000	6.3	MOONLIGHT (PST-A418)	4.3		
SRX 2205	6.3	CHICAGO (J-2582)	4.0		
UNIQUE	6.3	NORTH STAR (PST-A7-60)	4.0		
ZPS-2183	6.3	LIPOA	3.7		
BARONETTE (BA 81-058)	6.0	LTP-620	3.7		
BLACKSTONE (PST-638)	6.0	NJ 1190	3.7		
FORTUNA	6.0	NJ-54	3.7		
GOLDRUSH (BA 87-102)	6.0	RUGBY II (MED-18)	3.7		
LIMOUSINE	6.0	VB 16015	3.7		
LKB-95	6.0	ABSOLUTE (MED-1497)	3.3		
MIDNIGHT	6.0	EXPLORER (PICK-3561)	3.3		
SHAMROCK	6.0	LIBERATOR (ZPS-2572)	3.3		
SR 2109	6.0	CARDIFF	3.0		
APOLLO (PST-B3-180)	5.7	J-1555	3.0		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ POA ANNUA RATED IN 1996.

TABLE 52.

 PERCENT POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/ 3/
 1996-2000 DATA

NAME	IL1	MA1	MEAN	NAME	IL1	MA1	MEAN
BLUECHIP (MED-1991)	43.3	30.8	37.1	BA 81-113	10.0	24.2	17.1
KENBLUE	3.3	70.8	37.1	BARONETTE (BA 81-058)	5.0	29.2	17.1
H86-690	13.3	57.5	35.4	SR 2100	15.0	19.2	17.1
LTP-620	11.7	51.7	31.7	BARTITIA	0.0	34.2	17.1
SODNET	16.7	46.7	31.7	BA 81-270	5.0	27.5	16.3
GOLDRUSH (BA 87-102)	20.0	42.5	31.3	CALIBER	5.0	27.5	16.3
SIDEKICK	10.0	51.7	30.8	CLASSIC	5.0	27.5	16.3
ADVOCATE (HV 130)	45.0	15.8	30.4	MOONLIGHT (PST-A418)	10.0	22.5	16.3
BARUZO	5.0	53.3	29.2	SHAMROCK	3.3	29.2	16.3
BA 75-490	6.7	49.2	27.9	BA 76-197	6.7	25.0	15.8
MED-1580	3.3	51.7	27.5	SR 2000	13.3	17.5	15.4
ECLIPSE	10.0	44.2	27.1	ZPS-309	11.7	19.2	15.4
BARIRIS (BAR VB 5649)	26.7	25.8	26.3	PLATINI	6.7	22.5	14.6
AWARD	21.7	29.2	25.4	J-1555	3.3	25.8	14.6
JEWEL (BA 81-227)	5.0	45.8	25.4	BLACKSTONE (PST-638)	1.7	26.7	14.2
BARON	1.7	49.2	25.4	FORTUNA	1.7	26.7	14.2
MISTY (BA 76-372)	8.3	41.7	25.0	WILDWOOD	1.7	26.7	14.2
SR 2109	25.0	25.0	25.0	RUGBY II (MED-18)	10.0	18.3	14.2
BA 73-373	16.7	32.5	24.6	COVENTRY	6.7	21.0	13.8
BA 75-163	0.0	49.2	24.6	BAR VB 6820	3.3	24.2	13.8
MARQUIS	11.7	35.8	23.8	CHAMPAGNE (LTP-621)	3.3	23.3	13.3
A88-744	3.3	43.3	23.3	LIBERATOR (ZPS-2572)	10.0	15.3	12.7
ASCOT	15.0	31.7	23.3	LIVINGSTON	1.7	22.5	12.1
BLACKSBURG	15.0	31.7	23.3	EXPLORER (PICK-3561)	8.3	15.0	11.7
SEABRING (BA 79-260)	11.7	35.0	23.3	LKB-95	6.7	16.7	11.7
NJ-GD	10.0	35.8	22.9	MIDNIGHT	8.3	15.0	11.7
DRAGON (ZPS-429)	3.3	41.7	22.5	RAVEN	1.7	21.7	11.7
ENVICTA (BA 75-173)	11.7	33.3	22.5	CARDIFF	3.3	19.2	11.3
BA 81-220	8.3	35.8	22.1	PEPAYA (DP 37-192)	1.7	20.0	10.8
PST-P46	3.3	40.8	22.1	UNIQUE	13.3	8.3	10.8
PICK-855	13.3	30.0	21.7	BARONIE	3.3	18.3	10.8
VB 16015	8.3	35.0	21.7	NIMBUS	3.3	18.3	10.8
CHICAGO (J-2582)	28.3	14.2	21.3	BAR VB 3115B	8.3	12.5	10.4
NUSTAR	6.7	35.8	21.3	ZPS-2183	3.3	17.5	10.4
BARITONE (BAR VB 233)	8.3	33.3	20.8	CHALLENGER	1.7	18.3	10.0
BA 77-702	3.3	37.5	20.4	HV 242	5.0	15.0	10.0
LIPOA	6.7	34.2	20.4	JEFFERSON	3.3	16.7	10.0
QUANTUM LEAP (J-1567)	28.3	12.5	20.4	ODYSSEY (J-1561)	8.3	11.7	10.0
ABSOLUTE (MED-1497)	13.3	25.8	19.6	APOLLO (PST-B3-180)	6.7	13.0	9.8
CHATEAU	26.7	11.8	19.3	ARCADIA (J-1936)	10.0	9.5	9.8
ABBEY	6.7	30.8	18.8	HAGA	5.0	13.3	9.2
COMPACT	8.3	29.2	18.8	TOTAL ECLIPSE (TCR-1738)	5.0	13.3	9.2
PICK 8	5.0	30.8	17.9	NORTH STAR (PST-A7-60)	3.3	15.0	9.2
NJ-54	1.7	33.3	17.5	PRINCETON 105	6.7	11.7	9.2
SRX 2205	6.7	28.3	17.5	IMPACT (J-1576)	3.3	14.2	8.8
BA 70-060	6.7	27.7	17.2	NUGLADE	10.0	7.5	8.8

TABLE 52. PERCENT POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1996-2000 DATA

NAME	IL1	MA1	MEAN
GLADE	1.7	15.0	8.3
PST-BO-165	0.0	16.7	8.3
RAMBO (J-2579)	8.3	6.7	7.5
LIMOUSINE	6.7	7.5	7.1
SHOWCASE (PST-BO-141)	5.0	9.2	7.1
ALLURE	1.7	10.0	5.8
SERENE (PST-A7-245A)	3.3	8.0	5.7
CONNI	5.0	6.2	5.6
BRILLIANT (PST-B2-42)	3.3	7.0	5.2
NJ 1190	5.0	4.5	4.8
AMERICA	1.7	6.3	4.0
LSD VALUE	14.7	13.3	10.2
C.V. (%)	107.0	45.1	64.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT POA ANNUA RATED AT "IL1" IN 1998 AND AT "MA1" IN 1997-98.

TABLE 53.

PERCENT WEED RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/ 3/
1996-2000 DATA

NAME	ME1	NAME	ME1	NAME	ME1
NORTH STAR (PST-A7-60)	79.7	BA 75-490	40.0	NUGLADE	26.7
LIPOA	73.3	BRILLIANT (PST-B2-42)	40.0	PRINCETON 105	26.7
NJ-54	70.0	ENVICTA (BA 75-173)	40.0	RAMBO (J-2579)	26.7
VB 16015	66.7	J-1555	40.0	UNIQUE	26.7
BA 81-220	66.3	LIMOUSINE	40.0	ALLURE	23.3
SR 2000	65.0	MARQUIS	40.0	BAR VB 3115B	23.3
BA 73-373	60.0	MISTY (BA 76-372)	40.0	ZPS-2183	23.3
BARON	60.0	RUGBY II (MED-18)	40.0	COVENTRY	20.0
BARUZO	60.0	ASCOT	36.7	MIDNIGHT	20.0
HV 242	60.0	BA 76-197	36.7	BA 81-270	16.7
ABBEY	56.7	BAR VB 6820	36.7	SHOWCASE (PST-BO-141)	13.3
BA 75-163	56.7	BARONETTE (BA 81-058)	36.7		
BLUECHIP (MED-1991)	56.7	BLACKSBURG	36.7	LSD VALUE	37.8
LTP-620	56.7	BLACKSTONE (PST-638)	36.7	C.V. (%)	56.5
SIDEKICK	56.7	CHAMPAGNE (LTP-621)	36.7		
BA 81-113	53.3	CHATEAU	36.7		
BARTITIA	53.3	COMPACT	36.7		
LIBERATOR (ZPS-2572)	53.3	FORTUNA	36.7		
BA 77-702	50.0	HAGA	36.7		
DRAGON (ZPS-429)	50.0	KENBLUE	36.7		
NJ-GD	50.0	MED-1580	36.7		
ODYSSEY (J-1561)	50.0	MOONLIGHT (PST-A418)	36.7		
EEPAYA (DP 37-192)	50.0	PLATINI	36.7		
PICK 8	50.0	SR 2109	36.7		
QUANTUM LEAP (J-1567)	50.0	TOTAL ECLIPSE (TCR-1738)	36.7		
SODNET	50.0	WILDWOOD	36.7		
ADVOCATE (HV 130)	46.7	CALIBER	33.3		
AWARD	46.7	CHALLENGER	33.3		
BA 70-060	46.7	CHICAGO (J-2582)	33.3		
BARIRIS (BAR VB 5649)	46.7	GOLDRUSH (BA 87-102)	33.3		
CARDIFF	46.7	H86-690	33.3		
CONNI	46.7	JEFFERSON	33.3		
IMPACT (J-1576)	46.7	LIVINGSTON	33.3		
NIMBUS	46.7	LKB-95	33.3		
RAVEN	46.7	PST-P46	33.3		
PICK-855	45.0	SEABRING (BA 79-260)	33.3		
BARITONE (BAR VB 233)	43.3	SRX 2205	33.3		
BARONIE	43.3	ABSOLUTE (MED-1497)	30.0		
EXPLORER (PICK-3561)	43.3	ARCADIA (J-1936)	30.0		
NJSTAR	43.3	ECLIPSE	30.0		
PST-BO-165	43.3	SERENE (PST-A7-245A)	30.0		
SHAMROCK	43.3	AMERICA	26.7		
SR 2100	43.3	CLASSIC	26.7		
ZPS-309	43.3	GLADE	26.7		
A88-744	40.0	JEWEL (BA 81-227)	26.7		
APOLLO (PST-B3-180)	40.0	NJ 1190	26.7		

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

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

3/ PERCENT WEED RATED IN 1996.

TABLE 54.

WEED COUNTS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
1996-2000 DATA
WEED COUNTS MEASURED THE NUMBER OF WEEDS PER SQ. FT. 3/

NAME	UT1	NAME	UT1	NAME	UT1
ENVICTA (BA 75-173)	12.7	EXPLORER (PICK-3561)	4.0	MISTY (BA 76-372)	2.3
CALIBER	9.3	GOLDRUSH (BA 87-102)	4.0	SERENE (PST-A7-245A)	2.3
NJ-GD	9.3	IMPACT (J-1576)	4.0	UNIQUE	2.3
ABBEY	9.0	PICK 8	4.0	BAR VB 3115B	2.0
CHALLENGER	8.3	PST-BO-165	4.0	NJ 1190	2.0
HAGA	8.3	BA 81-220	3.7	VB 16015	2.0
NUSTAR	8.3	BARONIE	3.7	HV 242	1.7
BA 81-113	8.0	BLACKSTONE (PST-638)	3.7	MED-1580	1.7
MOONLIGHT (PST-A418)	8.0	ECLIPSE	3.7	PLATINI	1.7
BA 70-060	7.3	JEFFERSON	3.7	PST-P46	1.7
GLADE	7.3	LIBERATOR (ZPS-2572)	3.7	RAMBO (J-2579)	1.7
RAVEN	7.3	LIMOUSINE	3.7	BLACKSBURG	1.3
ASCOT	6.7	LKB-95	3.7	NORTH STAR (PST-A7-60)	1.3
BARONETTE (BA 81-058)	6.7	ODYSSEY (J-1561)	3.7	PEPAYA (DP 37-192)	1.3
CHAMPAGNE (LTP-621)	6.7	SRX 2205	3.7	PRINCETON 105	1.3
A88-744	6.3	CHICAGO (J-2582)	3.3	ALLURE	1.0
CARDIFF	6.3	COMPACT	3.3	COVENTRY	1.0
DRAGON (ZPS-429)	6.3	QUANTUM LEAP (J-1567)	3.3		
KENBLUE	6.3	SHOWCASE (PST-BO-141)	3.3	LSO VALUE	5.0
MIDNIGHT	6.3	WILDWOOD	3.3	C.V. (%)	73.2
SR 2100	6.3	ADVOCATE (HV 130)	3.0		
ZES-309	6.3	BA 76-197	3.0		
BA 73-373	6.0	BA 81-270	3.0		
BARUZO	5.7	BLUECHIP (MED-1991)	3.0		
BA 75-490	5.3	BRILLIANT (PST-B2-42)	3.0		
MARQUIS	5.3	CLASSIC	3.0		
NJ-54	5.3	LIVINGSTON	3.0		
NUGLADE	5.3	PICK-855	3.0		
SEABRING (BA 79-260)	5.3	SIDEKICK	3.0		
SHAMROCK	5.3	SR 2000	3.0		
ABSOLUTE (MED-1497)	5.0	SR 2109	3.0		
BA 77-702	5.0	BAR VB 6820	2.7		
FORTUNA	5.0	BARTITIA	2.7		
JEWEL (BA 81-227)	5.0	CHATEAU	2.7		
H86-690	4.7	LIPOA	2.7		
NIMBUS	4.7	TOTAL ECLIPSE (TCR-1738)	2.7		
RUGBY II (MED-18)	4.7	ZPS-2183	2.7		
SDNET	4.7	AMERICA	2.3		
APOLLO (PST-B3-180)	4.3	ARCADIA (J-1936)	2.3		
AWARD	4.3	BA 75-163	2.3		
J-1555	4.3	BARIRIS (BAR VB 5649)	2.3		
LTP-620	4.3	BARITONE (BAR VB 233)	2.3		
BARON	4.0	CONNI	2.3		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ WEED RATED IN 1998.

TABLE 55.

STEMMINESS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
 1996-2000 DATA
 STEMMINESS RATINGS 1-9; 9=NONE 3/

NAME	NJ2	NAME	NJ2	NAME	NJ2
ABSOLUTE (MED-1497)	9.0	RAMBO (J-2579)	7.7	BARONIE	3.7
ARCADIA (J-1936)	9.0	SHOWCASE (PST-BO-141)	7.7	CLASSIC	3.7
BLACKSTONE (PST-638)	9.0	SR 2100	7.7	COMPACT	3.7
IMPACT (J-1576)	9.0	ZPS-2183	7.7	PST-BO-165	3.7
LIBERATOR (ZPS-2572)	9.0	CHAMPAGNE (LTP-621)	7.3	BARUZO	3.3
LIMOUSINE	9.0	MISTY (BA 76-372)	7.3	JEWEL (BA 81-227)	3.3
NUGLADE	9.0	SERENE (PST-A7-245A)	7.3	LIPOA	3.0
WILDWOOD	9.0	ALLURE	7.0	NJ-54	2.3
ADVOCATE (HV 130)	8.7	BA 73-373	7.0	ASCOT	2.0
AWARD	8.7	JEFFERSON	7.0	PEPAYA (DP 37-192)	2.0
BAR VB 3115B	8.7	NJ-GD	7.0	VB 16015	2.0
BLACKSBURG	8.7	PICK-855	7.0	BA 81-113	1.7
GLADE	8.7	PLATINI	7.0	SIDEKICK	1.7
MIDNIGHT	8.7	BA 70-060	6.7	DRAGON (ZPS-429)	1.0
NIMBUS	8.7	SODNET	6.7	SEABRING (BA 79-260)	1.0
ODYSSEY (J-1561)	8.7	CARDIFF	6.3		
PST-P46	8.7	CHICAGO (J-2582)	6.3	LSD VALUE	1.9
RUGBY II (MED-18)	8.7	LIVINGSTON	6.3	C.V. (%)	18.2
SR 2109	8.7	MED-1580	6.3		
TOTAL ECLIPSE (TCR-1738)	8.7	PICK 8	6.3		
AMERICA	8.3	SHAMROCK	6.3		
BAR VB 6820	8.3	BA 77-702	6.0		
GOLDRUSH (BA 87-102)	8.3	BARIRIS (BAR VB 5649)	6.0		
MARQUIS	8.3	H86-690	6.0		
NJ 1190	8.3	A88-744	5.7		
QUANTUM LEAP (J-1567)	8.3	BARONETTE (BA 81-058)	5.7		
RAVEN	8.3	COVENTRY	5.7		
APOLLO (PST-B3-180)	8.0	ECLIPSE	5.7		
BARTITIA	8.0	BARITONE (BAR VB 233)	5.3		
BRILLIANT (PST-B2-42)	8.0	BA 81-270	5.0		
CONNI	8.0	CHATEAU	5.0		
FORTUNA	8.0	HAGA	5.0		
MOONLIGHT (PST-A418)	8.0	HV 242	5.0		
NORTH STAR (PST-A7-60)	8.0	BA 81-220	4.7		
NUSTAR	8.0	ENVICTA (BA 75-173)	4.7		
SR 2000	8.0	ABBAY	4.3		
SRX 2205	8.0	CALIBER	4.3		
UNIQUE	8.0	CHALLENGER	4.3		
BLUECHIP (MED-1991)	7.7	LTP-620	4.3		
EXPLORER (PICK-3561)	7.7	BA 75-163	4.0		
J-1555	7.7	BA 75-490	4.0		
KENBLUE	7.7	BA 76-197	4.0		
IKB-95	7.7	BARON	4.0		
PRINCETON 105	7.7	ZPS-309	4.0		

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

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

3/ STEMMINESS RATED IN 1997.

TABLE 56.

IRON CHLOROSIS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS

GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/

1996-2000 DATA

IRON CHLOROSIS RATINGS 1-9; 9=NONE 3/

NAME	NE1	NAME	NE1	NAME	NE1
APOLLO (PST-B3-180)	9.0	GOLDRUSH (BA 87-102)	8.3	UNIQUE	6.3
ASCOT	9.0	LKB-95	8.3	JEWEL (BA 81-227)	6.0
EA 70-060	9.0	MED-1580	8.3	LTP-620	6.0
BAR VB 6820	9.0	ODYSSEY (J-1561)	8.3	SEABRING (BA 79-260)	6.0
BARIRIS (BAR VB 5649)	9.0	ZPS-2183	8.3	SIDEKICK	6.0
BLACKSTONE (PST-638)	9.0	ABBEY	8.0	SR 2109	6.0
CARDIFF	9.0	ADVOCATE (HV 130)	8.0	SRX 2205	6.0
H86-690	9.0	BLUECHIP (MED-1991)	8.0	BA 81-270	5.7
IMPACT (J-1576)	9.0	CONNI	8.0	COVENTRY	5.7
J-1555	9.0	NIMBUS	8.0	MISTY (BA 76-372)	5.7
LIBERATOR (ZPS-2572)	9.0	NJ 1190	8.0	SERENE (PST-A7-245A)	5.7
LIMOUSINE	9.0	NORTH STAR (PST-A7-60)	8.0	BAR VB 3115B	5.0
LIPOA	9.0	RAVEN	8.0	BA 76-197	4.3
NUGLADE	9.0	ALLURE	7.7	KENBLUE	3.3
PEPAYA (DP 37-192)	9.0	ARCADIA (J-1936)	7.7	SHAMROCK	3.0
PICK 8	9.0	BARON	7.7		
RAMBO (J-2579)	9.0	CHICAGO (J-2582)	7.7	LSD VALUE	2.5
RUGBY II (MED-18)	9.0	ECLIPSE	7.7	C.V. (%)	19.8
VB 16015	9.0	ENVICTA (BA 75-173)	7.7		
ABSOLUTE (MED-1497)	8.7	HAGA	7.7		
EA 73-373	8.7	HV 242	7.7		
EA 75-490	8.7	BA 75-163	7.3		
BARUZO	8.7	BA 77-702	7.3		
BLACKSBURG	8.7	BARONETTE (BA 81-058)	7.3		
BRILLIANT (PST-B2-42)	8.7	CHATEAU	7.3		
FORTUNA	8.7	CLASSIC	7.3		
GLADE	8.7	DRAGON (ZPS-429)	7.3		
MARQUIS	8.7	EXPLORER (PICK-3561)	7.3		
MIDNIGHT	8.7	JEFFERSON	7.3		
MOONLIGHT (PST-A418)	8.7	NUSTAR	7.3		
NJ-54	8.7	SR 2100	7.3		
BRINCETON 105	8.7	A88-744	7.0		
E8T-P46	8.7	BA 81-113	7.0		
QUANTUM LEAP (J-1567)	8.7	BARITONE (BAR VB 233)	7.0		
SODNET	8.7	CHALLENGER	7.0		
TOTAL ECLIPSE (TCR-1738)	8.7	LIVINGSTON	7.0		
WILDWOOD	8.7	PLATINI	7.0		
ZPS-309	8.7	PST-BO-165	7.0		
AMERICA	8.3	SR 2000	7.0		
AWARD	8.3	BARONIE	6.7		
EA 81-220	8.3	CHAMPAGNE (LTP-621)	6.7		
BARTITIA	8.3	NJ-GD	6.7		
CALIBER	8.3	PICK-855	6.7		
COMPACT	8.3	SHOWCASE (PST-BO-141)	6.7		

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

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

3/ IRON CHLOROSIS RATED IN 1998.

TABLE 57.

LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1996-2000 DATA

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

NAME	NC1	OK1	MEAN	NAME	NC1	OK1	MEAN
CHATEAU	9.0	9.0	9.0	MED-1580	7.7	9.0	8.3
LIBERATOR (ZPS-2572)	9.0	9.0	9.0	NUGLADE	7.7	9.0	8.3
ABSOLUTE (MED-1497)	8.7	9.0	8.8	PICK 8	7.7	9.0	8.3
ALLURE	8.7	9.0	8.8	RAVEN	7.7	9.0	8.3
EA 70-060	8.7	9.0	8.8	SEABRING (BA 79-260)	7.7	9.0	8.3
BARONIE	8.7	9.0	8.8	ZPS-309	7.7	9.0	8.3
CHAMPAGNE (LTP-621)	8.7	9.0	8.8	LKB-95	8.7	8.0	8.3
LIVINGSTON	8.7	9.0	8.8	BLACKSTONE (PST-638)	8.7	7.7	8.2
MIDNIGHT	8.7	9.0	8.8	CHALLENGER	7.3	9.0	8.2
ODYSSEY (J-1561)	8.7	9.0	8.8	ENVICTA (BA 75-173)	7.3	9.0	8.2
PLATINI	8.7	9.0	8.8	GOLDRUSH (BA 87-102)	7.3	9.0	8.2
A88-744	8.3	9.0	8.7	JEWEL (BA 81-227)	7.3	9.0	8.2
EA 73-373	8.3	9.0	8.7	LTP-620	7.3	9.0	8.2
EA 75-490	8.3	9.0	8.7	MISTY (BA 76-372)	7.3	9.0	8.2
BARITONE (BAR VB 233)	8.3	9.0	8.7	NJ-GD	7.3	9.0	8.2
MOONLIGHT (PST-A418)	9.0	8.3	8.7	NORTH STAR (PST-A7-60)	7.3	9.0	8.2
NUSTAR	8.3	9.0	8.7	SERENE (EST-A7-245A)	7.3	9.0	8.2
PRINCETON 105	8.3	9.0	8.7	BARIRIS (BAR VB 5649)	7.0	9.0	8.0
EST-BO-165	8.3	9.0	8.7	BLUECHIP (MED-1991)	7.0	9.0	8.0
SODNET	8.3	9.0	8.7	COMPACT	7.0	9.0	8.0
SR 2000	8.3	9.0	8.7	DRAGON (ZPS-429)	7.0	9.0	8.0
TOTAL ECLIPSE (TCR-1738)	8.3	9.0	8.7	ECLIPSE	7.0	9.0	8.0
UNIQUE	8.3	9.0	8.7	FORTUNA	7.0	9.0	8.0
WILDWOOD	8.3	9.0	8.7	IMPACT (J-1576)	7.0	9.0	8.0
ABBEY	8.0	9.0	8.5	LIPOA	7.0	9.0	8.0
ADVOCATE (HV 130)	8.0	9.0	8.5	NJ 1190	7.7	8.3	8.0
ARCADIA (J-1936)	8.0	9.0	8.5	QUANTUM LEAP (J-1567)	7.0	9.0	8.0
AWARD	8.0	9.0	8.5	SHAMROCK	7.0	9.0	8.0
EA 76-197	8.7	8.3	8.5	SHOWCASE (PST-BO-141)	7.0	9.0	8.0
BARON	8.0	9.0	8.5	SR 2100	7.0	9.0	8.0
BARTITIA	8.0	9.0	8.5	SRX 2205	7.0	9.0	8.0
CALIBER	8.0	9.0	8.5	APOLLO (EST-B3-180)	6.7	9.0	7.8
CLASSIC	8.0	9.0	8.5	BA 75-163	6.7	9.0	7.8
GLADE	8.0	9.0	8.5	BA 81-113	6.7	9.0	7.8
EST-P46	8.0	9.0	8.5	BARUZO	6.7	9.0	7.8
SIDEKICK	8.0	9.0	8.5	BLACKSBURG	6.7	9.0	7.8
EA 77-702	8.3	8.3	8.3	BRILLIANT (PST-B2-42)	6.7	9.0	7.8
BARONETTE (BA 81-058)	7.7	9.0	8.3	CHICAGO (J-2582)	6.7	9.0	7.8
COVENTRY	7.7	9.0	8.3	J-1555	6.7	9.0	7.8
EXPLORER (PICK-3561)	7.7	9.0	8.3	NIMBUS	6.7	9.0	7.8
HAGA	7.7	9.0	8.3	RUGBY II (MED-18)	6.7	9.0	7.8
JEFFERSON	7.7	9.0	8.3	VB 16015	6.7	9.0	7.8
KENBLUE	7.7	9.0	8.3	BAR VB 3115B	7.0	8.3	7.7
MARQUIS	7.7	9.0	8.3	AMERICA	6.3	9.0	7.7

TABLE 57. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE

NAME	NC1	OK1	MEAN
CONNI	6.3	9.0	7.7
HV 242	6.3	9.0	7.7
LIMOUSINE	6.3	9.0	7.7
RAMBO (J-2579)	6.3	9.0	7.7
BA 81-220	6.0	9.0	7.5
CARDIFF	7.3	7.7	7.5
H86-690	6.0	9.0	7.5
PICK-855	7.0	8.0	7.5
SR 2109	7.0	8.0	7.5
ASCOT	5.7	9.0	7.3
BAR VB 6820	6.7	7.7	7.2
ZPS-2183	6.7	7.7	7.2
BA 81-270	5.3	9.0	7.2
PEPAYA (DP 37-192)	6.3	6.3	6.3
NJ-54	5.7	6.7	6.2
LSD VALUE	2.8	1.1	1.5
C.V. (%)	23.4	7.8	16.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ LEAF RUST RATED IN 1998.

TABLE 58.

PERCENT FUNGAL DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/ 3/
1996-2000 DATA

NAME	KY1	NAME	KY1	NAME	KY1
PEPAYA (DP 37-192)	96.0	BAR VB 3115B	18.7	BA 75-163	5.0
BARUZO	83.3	PICK 8	18.7	CHAMPAGNE (LTP-621)	5.0
LIPQA	82.3	GOLDRUSH (BA 87-102)	17.7	NJ-GD	5.0
SODNET	82.3	ODYSSEY (J-1561)	17.7	PRINCETON 105	5.0
BARTITIA	79.0	BA 76-197	16.7	AWARD	4.7
NJ 1190	71.0	H86-690	16.3	RUGBY II (MED-18)	4.7
BAR VB 6820	65.7	BA 70-060	15.3	JEFFERSON	3.7
CONNI	65.0	BA 73-373	15.3	QUANTUM LEAP (J-1567)	3.7
SR 2109	64.0	NUGLADE	15.3	TOTAL ECLIPSE (TCR-1738)	3.7
SRX 2205	55.7	PST-BO-165	15.3	GLADE	2.7
BARIRIS (BAR VB 5649)	44.0	BARON	14.7	SHOWCASE (PST-BO-141)	2.0
LIMOUSINE	43.7	LIBERATOR (ZPS-2572)	14.7	AMERICA	1.7
CARDIFF	42.3	NIMBUS	14.3	UNIQUE	1.7
ABSOLUTE (MED-1497)	40.7	RAVEN	14.3		
PST-P46	40.7	BA 81-220	13.7	LSD VALUE	22.5
SR 2100	36.7	ENVICTA (BA 75-173)	13.3	C.V. (%)	61.7
BLACKSTONE (PST-638)	35.0	KENBLUE	13.3		
LKB-95	35.0	ALLURE	13.0		
WILDWOOD	34.7	MED-1580	13.0		
ADVOCATE (HV 130)	34.3	ARCADIA (J-1936)	12.3		
ZPS-309	32.7	ABBEY	12.0		
COMPACT	31.7	DRAGON (ZPS-429)	11.7		
HV 242	31.3	IMPACT (J-1576)	10.7		
VB 16015	30.0	NUSTAR	10.7		
BARITONE (BAR VB 233)	28.7	BA 75-490	10.0		
BLUECHIP (MED-1991)	28.7	FORTUNA	10.0		
PLATINI	28.0	LIVINGSTON	10.0		
COVENTRY	27.7	SERENE (PST-A7-245A)	10.0		
ZPS-2183	27.3	A88-744	9.3		
MISTY (BA 76-372)	27.0	CALIBER	9.3		
BA 81-270	25.7	BARONETTE (BA 81-058)	9.0		
PICK-855	25.7	CLASSIC	9.0		
CHALLENGER	25.0	BA 81-113	8.7		
JEWEL (BA 81-227)	24.7	J-1555	8.7		
ASCOT	24.3	MARQUIS	8.7		
LTP-620	24.3	SIDEKICK	8.0		
RAMBO (J-2579)	23.3	BRILLIANT (PST-B2-42)	7.0		
CHATEAU	23.0	ECLIPSE	7.0		
SEABRING (BA 79-260)	23.0	MIDNIGHT	7.0		
EXPLORER (PICK-3561)	22.0	SR 2000	6.7		
NJ-54	22.0	APOLLO (PST-B3-180)	6.3		
NORTH STAR (PST-A7-60)	22.0	BA 77-702	6.3		
BLACKSBURG	21.0	MOONLIGHT (PST-A418)	6.0		
SHAMROCK	20.0	BARONIE	5.7		
CHICAGO (J-2582)	19.7	HAGA	5.7		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT FUNGAL DISEASE RATED IN 1998.

TABLE 59.

FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
 1996-2000 DATA
 FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ON1	NAME	ON1	NAME	ON1
ABBEY	8.0	PEPAYA (DP 37-192)	7.7	BA 77-702	7.0
ABSOLUTE (MED-1497)	8.0	PICK-855	7.7	BAR VB 3115B	7.0
BA 81-220	8.0	PRINCETON 105	7.7	BARITONE (BAR VB 233)	7.0
BARON	8.0	PST-P46	7.7	CALIBER	7.0
BLACKSBURG	8.0	QUANTUM LEAP (J-1567)	7.7	HAGA	7.0
FORTUNA	8.0	RAVEN	7.7	HV 242	7.0
H86-690	8.0	RUGBY II (MED-18)	7.7	IMPACT (J-1576)	7.0
LKB-95	8.0	SERENE (PST-A7-245A)	7.7	MARQUIS	7.0
MISTY (BA 76-372)	8.0	SIDEKICK	7.7	MED-1580	7.0
MOONLIGHT (PST-A418)	8.0	SODNET	7.7	PLATINI	7.0
ODYSSEY (J-1561)	8.0	SR 2000	7.7	RAMBO (J-2579)	7.0
SEABRING (BA 79-260)	8.0	SR 2100	7.7	SRX 2205	7.0
SHOWCASE (PST-BO-141)	8.0	TOTAL ECLIPSE (TCR-1738)	7.7	NIMBUS	6.7
ZPS-2183	8.0	UNIQUE	7.7		
APOLLO (PST-B3-180)	7.7	VB 16015	7.7	LSD VALUE	0.8
ARCADIA (J-1936)	7.7	WILDWOOD	7.7	C.V. (%)	6.8
ASCOT	7.7	A88-744	7.3		
AWARD	7.7	ADVOCATE (HV 130)	7.3		
BA 70-060	7.7	ALLURE	7.3		
BA 75-490	7.7	AMERICA	7.3		
BA 76-197	7.7	BA 73-373	7.3		
BA 81-113	7.7	BA 75-163	7.3		
BA 81-270	7.7	BAR VB 6820	7.3		
BARIRIS (BAR VB 5649)	7.7	BARONETTE (BA 81-058)	7.3		
BARTITIA	7.7	BARONIE	7.3		
BLUECHIP (MED-1991)	7.7	BARUZO	7.3		
BRILLIANT (PST-B2-42)	7.7	BLACKSTONE (PST-638)	7.3		
CARDIFF	7.7	CHAMPAGNE (LTP-621)	7.3		
CHALLENGER	7.7	CHATEAU	7.3		
CHICAGO (J-2582)	7.7	CLASSIC	7.3		
COVENTRY	7.7	COMPACT	7.3		
DRAGON (ZPS-429)	7.7	CONNI	7.3		
ECLIPSE	7.7	GOLDRUSH (BA 87-102)	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		

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

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

3/ FALL COLOR (SEPTEMBER) RATED IN 1999.

TABLE 60.

FALL COLOR (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
 1996-2000 DATA
 FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	ON1	NAME	ON1	NAME	ON1
BLACKSTONE (PST-638)	8.3	MOONLIGHT (PST-A418)	8.0	SEABRING (BA 79-260)	7.7
FORTUNA	8.3	NIMBUS	8.0	SHAMROCK	7.7
GLADE	8.3	NJ 1190	8.0	SIDEKICK	7.7
PST-P46	8.3	NJ-GD	8.0	SODNET	7.7
SHOWCASE (PST-BO-141)	8.3	NORTH STAR (PST-A7-60)	8.0	SR 2100	7.7
ALLURE	8.0	NUSTAR	8.0	SR 2109	7.7
ARCADIA (J-1936)	8.0	PEPAYA (DP 37-192)	8.0	ZPS-2183	7.7
ASCOT	8.0	PICK 8	8.0	ABBNEY	7.3
BA 70-060	8.0	PICK-855	8.0	ADVOCATE (HV 130)	7.3
BA 75-163	8.0	PRINCETON 105	8.0	COMPACT	7.3
BA 77-702	8.0	PST-BO-165	8.0	NUGLADE	7.3
BA 81-113	8.0	QUANTUM LEAP (J-1567)	8.0	PLATINI	7.3
BAR VB 3115B	8.0	RAVEN	8.0	J-1555	7.0
BARIRIS (BAR VB 5649)	8.0	RUGBY II (MED-18)	8.0		
BARITONE (BAR VB 233)	8.0	SERENE (PST-A7-245A)	8.0	LSD VALUE	0.7
BARON	8.0	SR 2000	8.0	C.V. (%)	5.2
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 81-220	7.7		
GOLDRUSH (BA 87-102)	8.0	BA 81-270	7.7		
H86-690	8.0	BAR VB 6820	7.7		
HAGA	8.0	BARONETTE (BA 81-058)	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	LIPOA	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		

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

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

3/ FALL COLOR (OCTOBER) RATED IN 1999.

TABLE 61.

FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
1996-2000 DATA

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

NAME	OK1	ON1	MEAN	NAME	OK1	ON1	MEAN
SR 2109	6.0	8.0	7.0	PLATINI	4.7	8.0	6.3
BA 81-113	5.7	8.0	6.8	PRINCETON 105	4.7	8.0	6.3
BA 81-220	5.7	8.0	6.8	SERENE (PST-A7-245A)	4.7	8.0	6.3
ENVICTA (BA 75-173)	5.7	8.0	6.8	SODNET	4.7	8.0	6.3
MED-1580	5.7	8.0	6.8	SR 2100	4.7	8.0	6.3
PICK 8	5.7	8.0	6.8	BARITONE (BAR VB 233)	4.7	7.7	6.2
SR 2000	5.7	8.0	6.8	BARONETTE (BA 81-058)	4.7	7.7	6.2
VB 16015	5.7	8.0	6.8	CHATEAU	4.7	7.7	6.2
BA 75-490	5.3	8.0	6.7	CHICAGO (J-2582)	4.7	7.7	6.2
DRAGON (ZPS-429)	5.3	8.0	6.7	EXPLORER (PICK-3561)	4.7	7.7	6.2
H86-690	5.3	8.0	6.7	PEPAYA (DP 37-192)	4.7	7.7	6.2
IMPACT (J-1576)	5.3	8.0	6.7	SHAMROCK	4.7	7.7	6.2
MIDNIGHT	5.3	8.0	6.7	SHOWCASE (PST-BO-141)	4.7	7.7	6.2
MOONLIGHT (PST-A418)	5.3	8.0	6.7	BA 70-060	4.3	8.0	6.2
ARCADIA (J-1936)	5.0	8.0	6.5	BA 76-197	4.3	8.0	6.2
BA 75-163	5.0	8.0	6.5	BARIRIS (BAR VB 5649)	4.3	8.0	6.2
BA 77-702	5.0	8.0	6.5	CLASSIC	4.3	8.0	6.2
BARUZO	5.7	7.3	6.5	GOLDRUSH (BA 87-102)	4.3	8.0	6.2
BLACKSBURG	5.3	7.7	6.5	HV 242	4.3	8.0	6.2
BLACKSTONE (PST-638)	5.0	8.0	6.5	LIPOA	4.3	8.0	6.2
BLUECHIP (MED-1991)	5.0	8.0	6.5	ODYSSEY (J-1561)	4.3	8.0	6.2
CALIBER	5.3	7.7	6.5	PST-BO-165	4.3	8.0	6.2
LIBERATOR (ZPS-2572)	5.0	8.0	6.5	PST-P46	4.3	8.0	6.2
NJ-GD	5.0	8.0	6.5	QUANTUM LEAP (J-1567)	5.0	7.3	6.2
NUGLADE	5.0	8.0	6.5	SEABRING (BA 79-260)	4.3	8.0	6.2
RAVEN	5.0	8.0	6.5	A88-744	4.3	7.7	6.0
RUGBY II (MED-18)	5.0	8.0	6.5	ABSOLUTE (MED-1497)	4.3	7.7	6.0
WILDWOOD	5.3	7.7	6.5	ADVOCATE (HV 130)	4.0	8.0	6.0
ZPS-2183	5.0	8.0	6.5	ALLURE	4.0	8.0	6.0
ZPS-309	5.0	8.0	6.5	APOLLO (PST-B3-180)	4.0	8.0	6.0
ABBAY	4.7	8.0	6.3	ASCOT	4.0	8.0	6.0
BA 73-373	4.7	8.0	6.3	AWARD	4.3	7.7	6.0
BA 81-270	5.0	7.7	6.3	BAR VB 3115B	4.7	7.3	6.0
BAR VB 6820	4.7	8.0	6.3	BARTITIA	4.0	8.0	6.0
BARON	4.7	8.0	6.3	CHALLENGER	4.7	7.3	6.0
COVENTRY	4.7	8.0	6.3	CHAMPAGNE (LTP-621)	4.0	8.0	6.0
GLADE	4.7	8.0	6.3	COMPACT	4.3	7.7	6.0
HAGA	4.7	8.0	6.3	CONNI	4.3	7.7	6.0
LKB-95	4.7	8.0	6.3	ECLIPSE	4.3	7.7	6.0
LTP-620	4.7	8.0	6.3	FORTUNA	4.0	8.0	6.0
MARQUIS	4.7	8.0	6.3	J-1555	4.7	7.3	6.0
NJ 1190	5.0	7.7	6.3	JEFFERSON	4.0	8.0	6.0
NUSTAR	5.0	7.7	6.3	LIVINGSTON	4.3	7.7	6.0
PICK-855	4.7	8.0	6.3	MISTY (BA 76-372)	4.3	7.7	6.0

TABLE 61. FALL COLOR (NOVEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1996-2000 DATA

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

NAME	OK1	ON1	MEAN
NJ-54	4.0	8.0	6.0
RAMBO (J-2579)	4.3	7.7	6.0
SRX 2205	4.3	7.7	6.0
TOTAL ECLIPSE (TCR-1738)	4.3	7.7	6.0
UNIQUE	4.3	7.7	6.0
CARDIFF	4.0	7.7	5.8
LIMOUSINE	4.0	7.7	5.8
NIMBUS	4.0	7.7	5.8
NORTH STAR (PST-A7-60)	4.0	7.7	5.8
SIDEKICK	4.0	7.7	5.8
AMERICA	4.3	7.3	5.8
BRILLIANT (PST-B2-42)	3.7	8.0	5.8
JEWEL (BA 81-227)	4.3	7.3	5.8
BARONIE	3.3	8.0	5.7
KENBLUE	3.7	7.7	5.7
LSD VALUE	1.2	0.6	0.7
C.V. (%)	16.1	4.5	9.4

- 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.
- 3/ FALL COLOR (NOVEMBER) RATED AT "OK1" IN 1996 AND AT "ON1" IN 1999.

TABLE 62. PLANT HEIGHT (2 WEEKS AFTER MOWING IN AUGUST) MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
 1996-2000 DATA
 PLANT HEIGHTS MEASURED IN MILLIMETERS 3/

NAME	OH1	NAME	OH1	NAME	OH1
KENBLUE	118.0	BARONETTE (BA 81-058)	81.3	APOLLO (PST-B3-180)	66.7
NIMBUS	107.3	CHAMPAGNE (LTP-621)	81.3	NJ 1190	66.7
ADVOCATE (HV 130)	103.3	FORTUNA	81.3	SODNET	66.3
BA 75-163	102.7	BA 75-490	80.7	BLACKSTONE (PST-638)	66.0
LTP-620	102.0	A88-744	80.3	BARTITIA	64.7
CALIBER	100.3	EXPLORER (PICK-3561)	80.3	SR 2000	64.7
BA 73-373	97.0	ALLURE	80.0	AMERICA	64.3
LKB-95	96.0	ARCADIA (J-1936)	80.0	ASCOT	63.0
RAVEN	96.0	PRINCETON 105	79.3	LIPOA	62.0
MARQUIS	95.0	BARUZO	79.0	PICK 8	60.7
PST-P46	94.7	PEPAYA (DP 37-192)	79.0	BLACKSBURG	60.3
COVENTRY	94.3	PLATINI	79.0	MOONLIGHT (PST-A418)	60.0
H86-690	94.0	CHICAGO (J-2582)	78.3	LIMOUSINE	56.7
NUSTAR	93.7	RUGBY II (MED-18)	78.3		
SR 2109	93.0	BA 81-270	78.0	LSD VALUE	21.5
JEFFERSON	91.3	MIDNIGHT	77.7	C.V. (%)	16.7
BAR VB 3115B	90.7	SERENE (PST-A7-245A)	77.3		
WILDWOOD	90.7	DRAGON (ZPS-429)	76.7		
SRX 2205	90.3	TOTAL ECLIPSE (TCR-1738)	76.7		
BA 77-702	90.0	ENVICTA (BA 75-173)	75.7		
BA 81-113	90.0	VB 16015	75.7		
NJ-54	90.0	GLADE	75.0		
HAGA	88.7	J-1555	75.0		
JEWEL (BA 81-227)	88.3	HV 242	74.7		
MED-1580	88.0	IMPACT (J-1576)	74.7		
ECLIPSE	87.7	RAMBO (J-2579)	74.7		
BARON	87.3	CHALLENGER	74.3		
SR 2100	87.0	BARIRIS (BAR VB 5649)	73.7		
SEABRING (BA 79-260)	86.7	BLUECHIP (MED-1991)	73.7		
CLASSIC	86.3	PICK-855	73.7		
BA 70-060	85.7	SIDEKICK	72.3		
AWARD	84.7	BARITONE (BAR VB 233)	71.7		
GOLDRUSH (BA 87-102)	84.7	MISTY (BA 76-372)	71.7		
SHOWCASE (PST-BO-141)	84.7	NORTH STAR (PST-A7-60)	71.7		
BA 76-197	84.0	CARDIFF	71.3		
LIVINGSTON	84.0	LIBERATOR (ZPS-2572)	71.0		
QUANTUM LEAP (J-1567)	84.0	NJ-GD	70.7		
BARONIE	83.7	UNIQUE	70.7		
COMPACT	82.7	ZPS-309	70.7		
ABBAY	82.0	BRILLIANT (PST-B2-42)	70.0		
CHATEAU	82.0	BAR VB 6820	69.7		
ODYSSEY (J-1561)	82.0	PST-BO-165	69.3		
NUGLADE	81.7	CONNI	67.7		
SHAMROCK	81.7	ABSOLUTE (MED-1497)	67.3		
BA 81-220	81.3	ZPS-2183	67.0		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ PLANT HEIGHTS (2 WEEKS AFTER MOWING IN AUGUST) RATED IN 1998.

TABLE 63.

 SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT 1/ 2/
 1996-2000 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 3/

NAME	NJ2	OH1	PA1	MEAN	NAME	NJ2	OH1	PA1	MEAN
KENBLUE	8.0	8.3	9.0	8.4	ALLURE	5.3	8.0	6.2	6.5
MIDNIGHT	8.7	8.0	8.6	8.4	BARIRIS (BAR VB 5649)	4.7	8.0	6.8	6.5
BAR VB 3115B	9.0	8.0	7.9	8.3	SR 2000	5.0	7.3	7.1	6.5
GLADE	8.0	8.0	8.9	8.3	LTP-620	4.3	7.7	7.3	6.4
TOTAL ECLIPSE (TCR-1738)	8.7	7.7	8.6	8.3	COMPACT	5.0	7.7	6.6	6.4
AWARD	8.7	7.7	8.4	8.3	MED-1580	5.3	8.0	5.7	6.3
LIBERATOR (ZPS-2572)	8.7	7.3	8.7	8.2	PLATINI	4.3	8.0	6.7	6.3
NUGLADE	8.7	7.7	8.3	8.2	ADVOCATE (HV 130)	2.7	8.3	7.9	6.3
ODYSSEY (J-1561)	8.0	8.0	8.3	8.1	CHALLENGER	5.0	8.0	5.9	6.3
ARCADIA (J-1936)	8.3	7.7	8.0	8.0	CARDIFF	4.3	7.7	6.8	6.3
PRINCETON 105	8.0	8.0	8.0	8.0	SERENE (PST-A7-245A)	5.0	7.7	6.1	6.3
RUGBY II (MED-18)	8.3	7.3	8.3	8.0	SHAMROCK	4.7	7.0	7.1	6.3
IMPACT (J-1576)	8.3	7.7	7.9	8.0	CALIBER	4.0	8.0	6.7	6.2
WILDWOOD	7.7	8.0	8.0	7.9	SHOWCASE (PST-BO-141)	6.0	6.3	6.3	6.2
SRX 2205	7.3	8.0	8.3	7.9	H86-690	3.3	7.0	8.2	6.2
BLACKSTONE (PST-638)	7.0	8.0	8.3	7.8	HAGA	4.3	8.0	6.2	6.2
JEFFERSON	8.0	8.0	7.2	7.7	BARITONE (BAR VB 233)	3.7	7.7	7.1	6.1
QUANTUM LEAP (J-1567)	8.0	7.7	7.6	7.7	JEWEL (BA 81-227)	4.3	7.7	6.3	6.1
EXPLORER (PICK-3561)	8.3	7.7	6.8	7.6	BARONETTE (BA 81-058)	5.0	7.0	6.2	6.1
NJ 1190	7.7	8.7	6.3	7.6	BA 81-270	4.7	8.0	5.4	6.0
ZES-2183	7.3	8.0	7.3	7.6	HV 242	5.0	7.7	5.4	6.0
LKB-95	6.3	8.0	8.1	7.5	BRILLIANT (PST-B2-42)	6.3	6.0	5.8	6.0
NUSTAR	7.3	7.7	7.4	7.5	COVENTRY	4.3	8.0	5.8	6.0
SR 2109	7.7	7.7	7.0	7.4	NJ-54	3.3	8.7	6.1	6.0
CONNIE	7.0	8.0	7.2	7.4	AMERICA	5.7	6.3	6.0	6.0
LIMOUSINE	8.0	7.3	6.9	7.4	CHATEAU	4.3	7.7	5.8	5.9
J-1555	6.7	8.0	7.3	7.3	BARUZO	3.7	7.3	6.6	5.9
CHAMPAGNE (LTP-621)	5.7	8.0	8.2	7.3	UNIQUE	5.3	5.7	6.6	5.9
PICK-855	6.3	8.0	7.6	7.3	BA 75-163	3.7	7.3	6.4	5.8
PICK 8	5.7	8.3	7.8	7.3	APOLLO (PST-B3-180)	4.7	6.0	6.4	5.7
BLACKSBURG	7.0	7.7	7.0	7.2	SEABRING (BA 79-260)	4.0	8.0	5.0	5.7
NJ-GD	5.3	8.3	7.8	7.1	MISTY (BA 76-372)	5.0	6.7	5.1	5.6
RAMBO (J-2579)	7.0	7.7	6.7	7.1	LIPOA	3.3	7.7	5.3	5.4
PST-P46	7.3	7.3	6.7	7.1	PST-BO-165	3.3	8.0	4.9	5.4
ABSOLUTE (MED-1497)	7.0	6.7	7.6	7.1	SODNET	3.0	7.0	6.0	5.3
BA 75-490	5.0	8.3	7.9	7.1	VB 16015	2.7	7.0	6.1	5.3
NORTH STAR (PST-A7-60)	6.7	7.7	6.8	7.0	BA 76-197	4.7	6.3	4.7	5.2
MOONLIGHT (PST-A418)	7.3	6.7	7.0	7.0	ZPS-309	1.3	8.3	6.0	5.2
BARTITIA	6.7	6.0	8.1	6.9	SR 2100	3.0	7.3	5.3	5.2
LIVINGSTON	6.0	8.0	6.6	6.9	A88-744	3.3	7.0	5.2	5.2
BAR VB 6820	6.0	7.3	6.9	6.7	MARQUIS	2.3	6.7	6.0	5.0
CHICAGO (J-2582)	6.3	7.7	5.8	6.6	ASCOT	4.0	6.7	4.2	5.0
ECLIPSE	6.0	7.3	6.3	6.6	BLUECHIP (MED-1991)	2.3	7.7	4.9	5.0
NIMBUS	4.7	8.0	6.9	6.5	CLASSIC	2.0	8.0	4.8	4.9

TABLE 63. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1996-2000 DATA

SEEDHEAD RATINGS 1-9; 9=NONE

NAME	NJ2	OH1	PA1	MEAN
PEPAYA (DP 37-192)	3.3	7.7	3.8	4.9
BA 81-220	3.7	6.7	4.3	4.9
BARONIE	2.3	8.0	4.3	4.9
GOLDRUSH (BA 87-102)	3.7	6.7	3.9	4.7
RAVEN	2.3	6.7	5.2	4.7
BA 77-702	2.7	6.0	5.2	4.6
FORTUNA	2.0	6.3	5.6	4.6
BA 73-373	2.3	6.3	4.9	4.5
BARON	2.0	7.0	4.1	4.4
ENVICTA (BA 75-173)	2.7	5.7	4.4	4.3
BA 70-060	2.3	5.7	4.0	4.0
DRAGON (ZPS-429)	1.0	8.0	2.9	4.0
SIDEKICK	1.7	7.0	2.9	3.9
ABBAY	1.3	6.3	3.8	3.8
BA 81-113	1.3	6.0	2.4	3.3
LSD VALUE	1.7	1.1	1.3	0.9
C.V. (%)	20.7	8.9	20.9	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.
- 3/ SEEDHEAD RATED AT "NJ2" IN 1999, AT "OH1" IN 2000, AND AT "PA1" IN 1996-97 & 1999.

TABLE 64. PERCENT SUMMER PATCH (AUGUST) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER MEDIUM/HIGH INPUT 2/ 3/
1996-2000 DATA

NAME	NJ1	NAME	NJ1	NAME	NJ1
BARUZO	92.7	MED-1580	31.7	NUSTAR	9.0
PEPAYA (DP 37-192)	86.0	NJ-54	30.0	SHOWCASE (PST-BO-141)	8.3
BA 81-113	81.7	SHAMROCK	30.0	LIBERATOR (ZPS-2572)	7.7
SODNET	81.3	BA 81-270	28.3	BRILLIANT (PST-B2-42)	7.3
LIPOA	81.0	EXPLORER (PICK-3561)	28.3	ODYSSEY (J-1561)	5.7
CARDIFF	75.0	LIVINGSTON	28.3	GLADE	5.3
BARTITIA	74.3	MARQUIS	28.3	PICK 8	4.7
ADVOCATE (HV 130)	71.7	RAVEN	28.3	JEFFERSON	4.3
ASCOT	71.7	ARCADIA (J-1936)	27.3	PLATINI	4.3
SEABRING (BA 79-260)	66.7	A88-744	26.7	NORTH STAR (PST-A7-60)	3.0
BA 76-197	65.0	CLASSIC	26.7	PRINCETON 105	3.0
MISTY (BA 76-372)	65.0	COVENTRY	26.7		
ABSOLUTE (MED-1497)	61.7	TOTAL ECLIPSE (TCR-1738)	26.7	LSD VALUE	28.2
J-1555	60.0	ABBAY	25.0	C.V. (%)	52.8
COMPACT	56.7	HAGA	25.0		
BA 75-163	55.0	BAR VB 6820	23.3		
LKB-95	55.0	RAMBO (J-2579)	23.3		
PST-BO-165	55.0	ZPS-309	23.3		
VB 16015	53.3	AWARD	23.0		
PST-P46	51.7	BAR VB 3115B	21.7		
ENVICTA (BA 75-173)	50.0	NJ-GD	21.7		
H86-690	50.0	BARONIE	20.7		
KENBLUE	50.0	HV 242	19.7		
SRX 2205	50.0	BA 77-702	18.3		
CHALLENGER	48.3	APOLLO (PST-B3-180)	17.3		
NJ 1190	48.3	JEWEL (BA 81-227)	17.3		
WILDWOOD	48.3	QUANTUM LEAP (J-1567)	17.3		
BA 73-373	46.7	BA 75-490	16.7		
CHATEAU	43.3	BLACKSBURG	16.7		
LTP-620	43.3	UNIQUE	16.0		
SIDEKICK	43.3	CALIBER	15.7		
BA 81-220	41.7	DRAGON (ZPS-429)	15.7		
GOLDRUSH (BA 87-102)	41.7	BLACKSTONE (PST-638)	15.0		
PICK-855	41.7	ECLIPSE	15.0		
SR 2109	41.7	NUGLADE	15.0		
FORTUNA	40.0	RUGBY II (MED-18)	15.0		
BA 70-060	38.3	AMERICA	14.0		
BARON	38.3	BARITONE (BAR VB 233)	14.0		
BLUECHIP (MED-1991)	38.3	ZPS-2183	14.0		
NIMBUS	36.7	CHAMPAGNE (LTP-621)	13.3		
IMPACT (J-1576)	35.3	BARIRIS (BAR VB 5649)	11.7		
BARONETTE (BA 81-058)	35.0	SR 2000	11.0		
CHICAGO (J-2582)	33.3	MOONLIGHT (PST-A418)	10.7		
CONNI	33.3	SR 2100	10.7		
SERENE (PST-A7-245A)	33.3	LIMOUSINE	9.3		
ALLURE	31.7	MIDNIGHT	9.0		

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

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

3/ PERCENT SUMMER PATCH (AUGUST) RATED IN 1998.

TABLE 65.

PINK SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER MEDIUM/HIGH INPUT 2/ 3/
1996-2000 DATA
PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE

NAME	UT1	NAME	UT1	NAME	UT1
BA 81-220	8.7	IMPACT (J-1576)	6.0	WILDWOOD	4.7
RAVEN	8.3	KENBLUE	6.0	ALLURE	4.3
ABBEY	8.0	MISTY (BA 76-372)	6.0	APOLLO (PST-B3-180)	4.3
BA 77-702	8.0	NUSTAR	6.0	ARCADIA (J-1936)	4.3
FORTUNA	7.7	SERENE (PST-A7-245A)	6.0	BARTITIA	4.3
SR 2109	7.7	VB 16015	6.0	COMPACT	4.3
BA 70-060	7.3	BA 75-490	5.7	MIDNIGHT	4.3
BA 81-113	7.3	CALIBER	5.7	MOONLIGHT (PST-A418)	4.3
CHAMPAGNE (LTP-621)	7.3	CONNI	5.7	NJ 1190	4.3
CLASSIC	7.3	COVENTRY	5.7	PST-P46	4.3
DRAGON (ZPS-429)	7.3	JEWEL (BA 81-227)	5.7	ZPS-309	4.3
LKB-95	7.3	LIPOA	5.7	A88-744	4.0
MARQUIS	7.3	NORTH STAR (PST-A7-60)	5.7	AMERICA	4.0
BA 73-373	7.0	RAMBO (J-2579)	5.7	TOTAL ECLIPSE (TCR-1738)	4.0
BARUZO	7.0	RUGBY II (MED-18)	5.7	NJ-54	3.7
ECLIPSE	7.0	SHAMROCK	5.7		
ENVICTA (BA 75-173)	7.0	SR 2000	5.7	LSD VALUE	2.5
HV 242	7.0	AWARD	5.3	C.V. (%)	26.8
PST-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		
BARON	6.3	ZPS-2183	5.3		
BARONETTE (BA 81-058)	6.3	ABSOLUTE (MED-1497)	5.0		
BARONIE	6.3	BA 75-163	5.0		
BLACKSBURG	6.3	BARIRIS (BAR VB 5649)	5.0		
BLUECHIP (MED-1991)	6.3	BARITONE (BAR VB 233)	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		
ADVOCATE (HV 130)	6.0	MED-1580	4.7		
BA 81-270	6.0	NUGLADE	4.7		
BLACKSTONE (PST-638)	6.0	ODYSSEY (J-1561)	4.7		
H86-690	6.0	UNIQUE	4.7		

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ PINK SNOW MOLD RATED IN 1999.

TABLE 66.

STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INEUT AT RALEIGH, NC 1/
1996-2000 DATA

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

NAME	APRIL	JUNE	MEAN	NAME	APRIL	JUNE	MEAN
A88-744	9.0	9.0	9.0	LIVINGSTON	9.0	8.0	8.5
AMERICA	9.0	9.0	9.0	MED-1580	8.3	8.7	8.5
BAR VB 6820	9.0	9.0	9.0	MOONLIGHT (PST-A418)	8.7	8.3	8.5
BLUECHIP (MED-1991)	9.0	9.0	9.0	NORTH STAR (PST-A7-60)	8.7	8.3	8.5
BRIILLIANT (PST-B2-42)	9.0	9.0	9.0	PEPAYA (DP 37-192)	8.3	8.7	8.5
CALIBER	9.0	9.0	9.0	RAMBO (J-2579)	8.7	8.3	8.5
CHAMPAGNE (LTP-621)	9.0	9.0	9.0	SEABRING (BA 79-260)	8.3	8.7	8.5
H86-690	9.0	9.0	9.0	SODNET	8.7	8.3	8.5
J-1555	9.0	9.0	9.0	BA 76-197	8.3	8.3	8.3
JEFFERSON	9.0	9.0	9.0	BA 81-113	8.3	8.3	8.3
KENBLUE	9.0	9.0	9.0	CHATEAU	9.0	7.7	8.3
LKB-95	9.0	9.0	9.0	EXPLORER (PICK-3561)	8.7	8.0	8.3
PRINCETON 105	9.0	9.0	9.0	NIMBUS	9.0	7.7	8.3
SHOWCASE (PST-BO-141)	9.0	9.0	9.0	NJ 1190	8.7	8.0	8.3
UNIQUE	9.0	9.0	9.0	SRX 2205	8.3	8.3	8.3
APOLLO (PST-B3-180)	9.0	8.7	8.8	ZPS-2183	9.0	7.7	8.3
BARONETTE (BA 81-058)	9.0	8.7	8.8	BARIRIS (BAR VB 5649)	9.0	7.3	8.2
BARONIE	9.0	8.7	8.8	COMPACT	8.3	8.0	8.2
CHICAGO (J-2582)	9.0	8.7	8.8	LIMOUSINE	8.3	8.0	8.2
CIASSIC	9.0	8.7	8.8	LIPOA	8.3	8.0	8.2
ECLIPSE	9.0	8.7	8.8	MIDNIGHT	8.0	8.3	8.2
JEWEL (BA 81-227)	9.0	8.7	8.8	SHAMROCK	8.3	8.0	8.2
MISTY (BA 76-372)	9.0	8.7	8.8	SR 2109	8.3	8.0	8.2
PICK-855	9.0	8.7	8.8	BA 75-490	8.0	8.0	8.0
SERENE (PST-A7-245A)	9.0	8.7	8.8	RUGBY II (MED-18)	8.0	8.0	8.0
VB 16015	9.0	8.7	8.8	ABSOLUTE (MED-1497)	8.0	7.7	7.8
ALLURE	9.0	8.3	8.7	ASCOT	8.3	7.3	7.8
BLACKSTONE (PST-638)	9.0	8.3	8.7	HV 242	8.7	7.0	7.8
CONNIE	8.7	8.7	8.7	ZPS-309	8.3	7.3	7.8
COVENTRY	8.7	8.7	8.7	BA 81-270	8.0	7.3	7.7
HAGA	9.0	8.3	8.7	BARON	7.3	8.0	7.7
LTP-620	9.0	8.3	8.7	IMPACT (J-1576)	7.7	7.7	7.7
NJ-GD	8.7	8.7	8.7	PLATINI	8.3	7.0	7.7
PICK 8	9.0	8.3	8.7	BAR VB 3115B	7.7	7.3	7.5
PST-BO-165	8.7	8.7	8.7	GLADE	7.3	7.7	7.5
SIDEKICK	9.0	8.3	8.7	ODYSSEY (J-1561)	7.3	7.7	7.5
SR 2100	9.0	8.3	8.7	SR 2000	6.7	8.3	7.5
AWARD	8.7	8.3	8.5	ADVOCATE (HV 130)	7.3	7.3	7.3
BA 75-163	8.7	8.3	8.5	ENVICTA (BA 75-173)	6.7	8.0	7.3
BA 77-702	8.3	8.7	8.5	NUSTAR	6.0	8.7	7.3
BARITONE (BAR VB 233)	9.0	8.0	8.5	PST-P46	6.7	8.0	7.3
BARUZO	8.7	8.3	8.5	QUANTUM LEAP (J-1567)	7.3	7.3	7.3
CARDIFF	8.7	8.3	8.5	WILDWOOD	7.0	7.7	7.3
CHALLENGER	9.0	8.0	8.5	ABBEEY	6.3	8.0	7.2
LIBERATOR (ZPS-2572)	8.7	8.3	8.5	NJ-54	7.0	7.3	7.2

TABLE 66. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INEUT AT RALEIGH, NC
 1996-2000 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE

NAME	APRIL	JUNE	MEAN
NUGLADE	6.7	7.7	7.2
RAVEN	7.0	7.3	7.2
BA 73-373	6.3	7.7	7.0
ARCADIA (J-1936)	6.3	7.3	6.8
BA 70-060	5.7	8.0	6.8
DRAGON (ZPS-429)	6.3	7.3	6.8
FORTUNA	5.7	8.0	6.8
GOLDRUSH (BA 87-102)	5.7	7.7	6.7
TOTAL ECLIPSE (TCR-1738)	6.0	7.3	6.7
BA 81-220	6.0	7.0	6.5
MARQUIS	5.3	7.7	6.5
BARTITIA	4.3	7.3	5.8
BLACKSBURG	4.7	7.0	5.8
LSD VALUE	2.1	2.0	1.5
C.V. (%)	14.6	9.8	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.
- 3/ STEM RUST RATED IN 1997.

TABLE 67. PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT LEXINGTON, KY 1/
 1996-2000 DATA 2/

NAME	AUG. 14/97	AUG. 27/97	OCT. 7/97	JULY 98	AUG. 98	AUG. 99	MEAN
PEPAYA (DP 37-192)	82.3	60.7	51.7	77.3	97.7	93.7	82.0
BARUZO	61.7	69.0	56.7	60.0	91.0	66.3	68.1
LIPOA	44.7	59.0	55.0	22.7	96.3	75.0	62.5
BARTITIA	39.3	44.7	23.3	27.3	97.3	84.0	60.7
BAR VB 6820	41.3	26.3	28.0	29.7	94.0	84.3	59.4
SODNET	21.0	34.3	50.0	24.7	96.3	82.3	59.3
SRX 2205	19.3	57.7	60.0	21.3	87.3	73.7	57.9
SR 2109	11.3	18.7	14.3	47.3	80.0	79.0	52.5
NJ 1190	19.3	19.0	30.3	19.3	76.3	70.3	47.0
CONNI	23.0	22.3	20.3	38.3	87.7	48.7	44.5
PST-P46	13.0	10.0	9.7	43.3	71.7	61.7	43.4
HV 242	15.3	6.3	3.7	27.3	54.0	73.3	40.8
CARDIFF	19.7	17.3	13.7	16.3	85.0	53.3	40.3
LKB-95	18.3	22.3	14.3	6.0	71.7	61.7	39.6
CHATEAU	15.7	15.7	7.7	17.3	41.7	73.3	38.6
ADVOCATE (HV 130)	15.7	17.0	10.7	15.7	65.7	60.0	38.4
H86-690	33.0	35.7	29.0	7.3	34.3	60.7	38.0
BA 81-270	13.3	11.0	7.0	22.3	39.7	66.0	35.8
BLACKSTONE (PST-638)	15.7	7.7	7.3	14.0	37.0	70.0	35.2
COMPACT	39.3	27.7	11.3	23.3	59.0	37.7	35.0
COVENTRY	11.0	9.3	8.7	20.3	35.0	67.3	34.9
BARIRIS (BAR VB 5649)	16.7	4.7	1.7	20.7	49.0	59.0	33.8
BLACKSBURG	11.0	4.7	3.7	11.3	58.0	58.3	33.1
BLUECHIP (MED-1991)	7.7	13.0	13.0	6.3	48.3	60.7	33.1
SR 2100	13.7	21.7	5.3	16.7	44.0	54.0	32.6
ZPS-2183	18.7	9.7	8.7	20.3	73.3	37.3	32.2
WILDWOOD	15.0	14.0	4.3	12.3	65.0	41.7	30.5
JEWEL (BA 81-227)	11.0	8.0	9.0	11.0	29.0	60.0	29.8
MISTY (BA 76-372)	14.0	29.3	30.0	31.0	42.0	22.3	27.8
PICK-855	12.0	11.0	7.7	7.7	60.0	37.3	27.1
LIMOUSINE	12.3	21.7	16.7	13.7	62.0	26.0	26.9
ALLURE	7.7	18.7	10.7	10.3	19.0	52.3	26.4
PST-BO-165	11.3	12.7	6.0	5.7	35.7	43.0	24.6
LTP-620	8.3	10.3	3.7	16.0	36.0	39.3	24.3
NIMBUS	9.7	21.3	30.3	6.0	44.7	25.7	23.8
ABSOLUTE (MED-1497)	26.7	14.0	9.7	26.3	46.7	17.7	23.6
SEABRING (BA 79-260)	4.0	7.7	5.7	22.7	33.7	37.0	23.6
BA 76-197	7.0	13.0	13.3	8.0	46.7	31.0	23.1
PLATINI	14.7	6.3	2.7	36.3	26.7	30.0	23.1
ASCOT	8.0	5.7	3.0	10.3	37.0	35.3	21.5
LIVINGSTON	1.7	4.0	2.3	9.7	36.7	37.7	21.2
MARQUIS	6.7	15.0	11.0	7.3	33.0	28.3	19.8
ZPS-309	8.0	1.7	2.3	16.7	63.3	15.0	19.7
BA 81-113	9.7	17.7	10.7	7.3	24.3	30.0	19.5
CHALLENGER	7.0	6.7	3.3	16.7	34.0	27.3	19.4
VB 16015	1.3	2.7	3.7	18.7	55.0	18.7	19.4
GOLDRUSH (BA 87-102)	4.7	8.3	7.3	9.3	29.7	31.7	19.3

TABLE 67.
(CONT'D)

PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT LEXINGTON, KY
1996-2000 DATA

NAME	AUG. 14/97	AUG. 27/97	OCT. 7/97	JULY 98	AUG. 98	AUG. 99	MEAN
BA 70-060	5.0	11.0	8.0	10.3	19.3	34.3	19.1
BARITONE (BAR VB 233)	16.0	6.3	1.0	14.3	17.3	33.3	19.0
SHAMROCK	7.0	4.3	0.7	8.0	44.7	23.7	18.0
SERENE (PST-A7-245A)	2.3	16.0	6.0	3.3	14.7	36.0	17.7
NJ-54	5.3	8.7	5.3	17.7	36.7	19.3	17.6
NUSTAR	11.7	22.7	10.3	4.0	18.3	26.3	17.5
PICK 8	1.7	4.7	2.3	8.0	12.0	36.0	16.3
NORTH STAR (PST-A7-60)	5.7	12.7	12.3	12.7	30.3	16.7	16.1
BA 73-373	4.3	9.7	6.0	13.3	22.0	23.7	16.0
BARONIE	0.0	2.3	2.0	12.3	40.7	19.7	15.9
CALIBER	10.7	15.3	5.0	9.0	22.3	20.3	15.4
RAVEN	4.7	11.7	9.0	7.3	18.3	24.7	15.3
RAMBO (J-2579)	5.0	4.0	6.7	16.3	25.0	19.0	15.0
KENBLUE	11.0	16.0	7.0	16.0	26.3	12.3	14.9
BARON	4.7	8.3	8.0	13.7	33.0	13.0	14.4
CHICAGO (J-2582)	2.0	4.7	3.3	7.3	27.7	22.0	14.3
FORTUNA	3.7	13.7	10.7	5.7	21.7	16.7	13.2
A88-744	2.7	5.7	4.3	7.0	12.0	25.3	13.0
BA 75-490	2.7	1.7	0.0	9.3	23.3	21.0	12.9
BAR VB 3115B	25.3	6.0	5.7	12.0	11.7	14.7	12.9
DRAGON (ZPS-429)	8.3	4.3	7.0	4.7	21.7	19.0	12.9
BA 75-163	4.0	5.0	4.3	4.3	9.3	26.7	12.6
ODYSSEY (J-1561)	1.0	2.7	1.3	6.3	22.7	21.0	12.4
HAGA	1.0	3.3	1.3	11.3	12.0	22.7	12.1
BA 81-220	9.3	15.7	14.0	7.3	13.0	11.7	11.6
BARONETTE (BA 81-058)	2.3	3.0	1.7	6.0	15.0	21.3	11.4
BA 77-702	8.0	8.7	3.7	8.3	11.3	17.3	11.3
APOLLO (PST-B3-180)	0.3	3.3	2.0	6.3	17.0	20.0	11.2
ENVICTA (BA 75-173)	2.0	8.0	7.7	3.3	20.3	15.7	11.1
ECLIPSE	1.0	8.0	4.0	4.7	17.3	17.0	10.8
IMPACT (J-1576)	2.0	0.3	2.7	6.0	27.3	13.3	10.6
NJ-GD	5.0	8.7	2.0	3.3	16.3	16.0	10.4
EXPLORER (PICK-3561)	5.3	17.0	11.0	10.7	17.7	5.3	10.2
J-1555	4.3	9.0	6.0	4.7	20.0	11.3	10.0
GLADE	1.3	10.0	6.3	3.0	15.3	13.3	9.5
ABBEY	6.3	11.0	9.7	7.0	14.0	8.7	9.4
MOONLIGHT (PST-A418)	13.0	7.7	4.3	11.7	9.0	8.7	9.1
AMERICA	0.0	1.7	0.0	1.7	3.7	22.3	8.5
BRILLIANT (PST-B2-42)	0.0	1.0	1.3	4.3	12.3	15.7	8.3
MED-1580	1.3	2.7	3.3	3.3	20.3	9.0	7.8
CLASSIC	1.7	1.3	0.7	10.7	14.0	9.3	7.6
PRINCETON 105	5.0	0.7	1.0	2.0	11.0	11.7	6.8
CHAMPAGNE (LTP-621)	0.3	3.0	1.3	6.3	7.3	11.7	6.7
LIBERATOR (ZPS-2572)	0.3	1.0	2.7	4.0	18.3	7.7	6.7
JEFFERSON	1.0	7.3	4.7	2.7	10.0	8.3	6.3
AWARD	2.0	3.0	2.3	3.3	6.7	11.0	6.1
NUGLADE	0.3	3.3	4.7	5.3	10.7	6.0	5.6

TABLE 67.
(CONT'D)

PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT LEXINGTON, KY
1996-2000 DATA

NAME	AUG. 14/97	AUG. 27/97	OCT. 7/97	JULY 98	AUG. 98	AUG. 99	MEAN
MIDNIGHT	1.3	1.3	0.7	1.7	14.0	7.3	5.4
ARCADIA (J-1936)	2.0	3.7	2.0	4.3	10.7	5.7	5.2
SR 2000	6.3	2.3	0.3	5.3	6.0	7.0	5.2
SIDEKICK	0.3	0.3	1.7	4.0	9.7	4.7	4.1
QUANTUM LEAP (J-1567)	0.0	0.7	1.0	2.3	4.0	6.3	3.4
RUGBY II (MED-18)	1.3	2.3	1.0	4.0	4.7	2.0	2.6
TOTAL ECLIPSE (TCR-1738)	0.7	2.3	1.0	1.0	3.7	3.7	2.4
UNIQUE	0.0	0.3	0.3	1.0	5.3	3.3	2.2
SHOWCASE (PST-BO-141)	0.0	0.3	1.7	1.0	2.3	2.3	1.6
LSD VALUE	14.9	14.0	12.3	16.4	27.2	30.3	15.4
C.V. (%)	91.1	75.0	85.1	77.6	51.0	59.3	79.2

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 68. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INEUT AT RALEIGH, NC 1/
1996-2000 DATA

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

NAME	AUGUST 97	SEPT. 97	JUNE 00	JULY 00	MEAN
CARDIFF	8.7	9.0	8.7	8.7	8.8
ASCOT	8.7	8.3	9.0	8.7	8.7
MIDNIGHT	8.3	9.0	8.3	8.7	8.6
BARONETTE (BA 81-058)	9.0	9.0	8.7	7.3	8.5
GOLDRUSH (BA 87-102)	9.0	9.0	8.3	7.7	8.5
JEFFERSON	8.0	9.0	8.7	8.3	8.5
ADVOCATE (HV 130)	8.3	9.0	8.3	8.0	8.4
BARONIE	9.0	9.0	8.0	7.7	8.4
LIBERATOR (ZPS-2572)	8.7	8.3	8.3	8.3	8.4
PICK 8	8.7	9.0	8.0	8.0	8.4
SHOWCASE (PST-BO-141)	9.0	9.0	8.0	7.7	8.4
SDNET	8.3	9.0	8.3	8.0	8.4
WILDWOOD	8.7	9.0	8.3	7.7	8.4
ABBAY	8.3	9.0	8.7	7.3	8.3
APOLLO (PST-B3-180)	9.0	9.0	7.7	7.3	8.3
ARCADIA (J-1936)	8.3	9.0	8.7	7.3	8.3
BARON	8.7	9.0	8.0	7.3	8.3
CHALLENGER	8.3	9.0	8.0	7.7	8.3
COVENTRY	8.0	9.0	8.7	7.7	8.3
H86-690	9.0	9.0	8.3	6.7	8.3
MISTY (BA 76-372)	9.0	9.0	8.0	7.0	8.3
NJ 1190	9.0	9.0	8.0	7.0	8.3
NJ-GD	8.0	9.0	8.7	7.7	8.3
NORTH STAR (PST-A7-60)	8.3	9.0	8.0	7.7	8.3
RAMBO (J-2579)	8.7	9.0	8.3	7.0	8.3
RUGBY II (MED-18)	8.3	8.3	8.0	8.7	8.3
UNIQUE	8.7	9.0	8.0	7.3	8.3
AMERICA	9.0	9.0	8.0	6.7	8.2
BLACKSTONE (PST-638)	8.7	9.0	8.0	7.0	8.2
DRAGON (ZPS-429)	8.0	9.0	8.3	7.3	8.2
ENVICTA (BA 75-173)	8.7	9.0	8.0	7.0	8.2
GLADE	8.7	9.0	8.3	6.7	8.2
HAGA	8.0	9.0	8.0	7.7	8.2
J-1555	9.0	8.7	7.3	7.7	8.2
LIPQA	8.0	9.0	8.3	7.3	8.2
MOONLIGHT (PST-A418)	8.7	9.0	8.0	7.0	8.2
NIMBUS	8.7	8.3	8.3	7.3	8.2
PLATINI	8.3	9.0	7.7	7.7	8.2
PRINCETON 105	8.3	8.7	8.0	7.7	8.2
RAVEN	8.3	8.0	8.3	8.0	8.2
SIDEKICK	8.7	8.3	7.7	8.0	8.2
SR 2000	8.7	9.0	7.7	7.3	8.2
VB 16015	8.3	9.0	8.0	7.3	8.2
AWARD	9.0	8.3	7.7	7.3	8.1
BA 76-197	8.0	8.3	8.7	7.3	8.1

TABLE 68. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INEUT AT RALEIGH, NC
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	AUGUST 97	SEPT. 97	JUNE 00	JULY 00	MEAN
BLUECHIP (MED-1991)	8.0	9.0	8.0	7.3	8.1
CALIBER	8.3	9.0	8.0	7.0	8.1
ECLIPSE	8.3	9.0	7.7	7.3	8.1
FORTUNA	8.7	9.0	8.0	6.7	8.1
NUGLADE	8.7	8.7	8.0	7.0	8.1
A88-744	8.3	9.0	7.7	7.0	8.0
BA 73-373	8.0	8.3	8.0	7.7	8.0
BA 81-270	8.3	8.3	8.0	7.3	8.0
KENBLUE	7.0	9.0	8.0	8.0	8.0
SEABRING (BA 79-260)	9.0	9.0	7.3	6.7	8.0
ABSOLUTE (MED-1497)	8.0	8.7	8.0	7.0	7.9
ALLURE	8.0	9.0	7.7	7.0	7.9
BA 70-060	7.3	8.7	8.3	7.3	7.9
BA 75-163	7.0	9.0	8.3	7.3	7.9
BA 77-702	8.3	9.0	7.3	7.0	7.9
BARTITIA	8.3	9.0	7.7	6.7	7.9
BARUZO	8.3	9.0	7.3	7.0	7.9
CLASSIC	9.0	9.0	7.0	6.7	7.9
LTP-620	8.0	8.3	8.0	7.3	7.9
MARQUIS	8.3	9.0	7.7	6.7	7.9
TOTAL ECLIPSE (TCR-1738)	8.3	8.7	8.0	6.7	7.9
ZPS-309	8.0	8.3	8.0	7.3	7.9
BA 81-113	7.0	9.0	7.7	7.3	7.8
BARITONE (BAR VB 233)	6.3	9.0	8.3	7.7	7.8
BLACKSBURG	7.3	8.0	8.7	7.3	7.8
IMPACT (J-1576)	8.3	9.0	7.3	6.3	7.8
LIVINGSTON	7.7	8.3	7.7	7.3	7.8
LKB-95	8.0	8.0	8.0	7.3	7.8
ODYSSEY (J-1561)	8.3	9.0	7.3	6.7	7.8
SERENE (PST-A7-245A)	7.7	9.0	7.7	7.0	7.8
SHAMROCK	7.7	8.3	7.7	7.3	7.8
SR 2100	7.7	8.3	7.7	7.7	7.8
ZPS-2183	7.7	9.0	7.3	7.0	7.8
BARIRIS (BAR VB 5649)	6.3	8.0	9.0	7.3	7.7
COMPACT	6.0	8.3	9.0	7.3	7.7
PEPAYA (DP 37-192)	6.7	8.3	8.3	7.3	7.7
PST-P46	7.3	9.0	7.7	6.7	7.7
CONNI	6.3	8.3	8.3	7.3	7.6
EXPLORER (PICK-3561)	9.0	9.0	6.7	5.7	7.6
PICK-855	7.0	9.0	7.7	6.7	7.6
QUANTUM LEAP (J-1567)	8.7	8.7	7.3	5.7	7.6
SR 2109	8.0	8.3	6.7	7.3	7.6
SRX 2205	7.0	9.0	7.7	6.7	7.6
BAR VB 3115B	6.3	8.0	8.0	7.7	7.5
BAR VB 6820	7.0	8.3	7.7	7.0	7.5

TABLE 68. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INEUT AT RALEIGH, NC
1996-2000 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	AUGUST 97	SEPT. 97	JUNE 00	JULY 00	MEAN
BRILLIANT (PST-B2-42)	9.0	9.0	6.7	5.3	7.5
JEWEL (BA 81-227)	6.0	8.0	9.0	7.0	7.5
MED-1580	6.3	7.3	8.3	7.7	7.4
NJ-54	8.3	7.7	7.3	6.3	7.4
CHATEAU	6.7	8.3	7.7	6.7	7.3
CHICAGO (J-2582)	8.3	8.3	6.7	6.0	7.3
LIMOUSINE	7.0	7.7	7.7	7.0	7.3
PST-BO-165	6.7	9.0	7.0	6.7	7.3
CHAMPAGNE (LTP-621)	7.3	8.0	7.0	6.3	7.2
NUSTAR	7.3	8.3	6.7	6.0	7.1
BA 75-490	6.3	7.3	7.7	6.7	7.0
BA 81-220	8.3	7.7	6.7	5.3	7.0
HV 242	5.3	8.0	7.7	6.3	6.8
ISD VALUE	2.1	2.7	3.1	4.2	2.7
C.V. (%)	12.7	8.4	11.2	15.2	11.9

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 69.

BROWN PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME 1/
 1996-2000 DATA

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

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
BARONETTE (BA 81-058)	8.3	7.7	8.0	CALIBER	7.0	4.7	5.8
NUGLADE	8.7	7.0	7.8	EXPLORER (PICK-3561)	8.0	3.7	5.8
BRILLIANT (PST-B2-42)	7.7	7.7	7.7	NJ-GD	6.3	5.3	5.8
TOTAL ECLIPSE (TCR-1738)	8.7	6.7	7.7	CARDIFF	6.0	5.3	5.7
AMERICA	8.3	6.7	7.5	CHICAGO (J-2582)	6.3	5.0	5.7
AWARD	8.0	7.0	7.5	LIMOUSINE	6.0	5.3	5.7
A88-744	8.3	6.3	7.3	ZPS-2183	6.7	4.7	5.7
MIDNIGHT	6.7	7.7	7.2	ARCADIA (J-1936)	6.7	4.3	5.5
VB 16015	7.7	6.7	7.2	BA 75-490	6.3	4.7	5.5
BAR VB 6820	7.0	7.0	7.0	PICK-855	5.5	5.5	5.5
UNIQUE	8.0	6.0	7.0	PRINCETON 105	5.3	5.7	5.5
ALLURE	7.0	6.7	6.8	SHAMROCK	6.3	4.7	5.5
BLACKSTONE (PST-638)	8.3	5.3	6.8	BARIRIS (BAR VB 5649)	6.3	4.3	5.3
COVENTRY	6.3	7.3	6.8	CLASSIC	5.7	5.0	5.3
J-1555	8.3	5.3	6.8	H86-690	6.0	4.7	5.3
MOONLIGHT (PST-A418)	7.3	6.3	6.8	MARQUIS	5.7	5.0	5.3
ODYSSEY (J-1561)	8.0	5.7	6.8	SR 2109	6.0	4.7	5.3
SHOWCASE (PST-BO-141)	7.3	6.3	6.8	WILDWOOD	6.3	4.3	5.3
ASCOT	7.3	6.0	6.7	BA 81-113	6.0	4.3	5.2
SEABRING (BA 79-260)	7.7	5.7	6.7	ENVICTA (BA 75-173)	5.3	5.0	5.2
ABSOLUTE (MED-1497)	8.7	4.3	6.5	MED-1580	4.7	5.7	5.2
BAR VB 3115B	7.3	5.7	6.5	PEPAYA (DP 37-192)	5.7	4.7	5.2
ECLIPSE	7.0	6.0	6.5	ADVOCATE (HV 130)	6.0	4.0	5.0
NJ 1190	6.3	6.7	6.5	BA 75-163	6.3	3.7	5.0
RUGBY II (MED-18)	6.7	6.3	6.5	GOLDRUSH (BA 87-102)	5.7	4.3	5.0
SERENE (PST-A7-245A)	7.3	5.7	6.5	PICK 8	5.3	4.7	5.0
SR 2000	7.0	6.0	6.5	SODNET	6.0	4.0	5.0
BA 81-270	7.7	5.0	6.3	BA 77-702	5.7	4.0	4.8
CHAMPAGNE (LTP-621)	7.7	5.0	6.3	GLADE	6.0	3.7	4.8
IMPACT (J-1576)	7.7	5.0	6.3	HV 242	5.0	4.7	4.8
QUANTUM LEAP (J-1567)	7.0	5.7	6.3	LTP-620	6.7	3.0	4.8
RAMBO (J-2579)	7.7	5.0	6.3	RAVEN	5.0	4.7	4.8
BARONIE	6.7	5.7	6.2	CHATEAU	5.3	4.0	4.7
CHALLENGER	6.3	6.0	6.2	LIPOA	5.0	4.3	4.7
LIVINGSTON	7.3	5.0	6.2	LKB-95	6.0	3.3	4.7
MISTY (BA 76-372)	7.3	5.0	6.2	PLATINI	5.7	3.7	4.7
PST-BO-165	7.0	5.3	6.2	BA 70-060	5.3	3.7	4.5
PST-P46	7.7	4.7	6.2	CONNI	5.0	4.0	4.5
SR 2100	6.3	6.0	6.2	FORTUNA	5.7	3.0	4.3
BARITONE (BAR VB 233)	7.3	4.7	6.0	JEFFERSON	5.0	3.7	4.3
BLACKSBURG	6.3	5.7	6.0	SRX 2205	5.0	3.7	4.3
HAGA	6.7	5.3	6.0	ZPS-309	5.3	3.3	4.3
JEWEL (BA 81-227)	6.0	6.0	6.0	BA 76-197	5.7	2.7	4.2
LIBERATOR (ZPS-2572)	6.3	5.7	6.0	BARTITIA	4.7	3.7	4.2
APOLLO (PST-B3-180)	6.0	5.5	5.8	COMPACT	4.7	3.7	4.2

TABLE 69. BROWN PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1996-2000 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

NAME	JULY	AUGUST	MEAN
BARON	4.7	3.3	4.0
DRAGON (ZPS-429)	4.7	3.3	4.0
ABBEY	4.0	3.7	3.8
BA 81-220	4.0	3.7	3.8
NJ-54	4.0	3.7	3.8
NUSTAR	3.7	4.0	3.8
BLUECHIP (MED-1991)	3.3	4.0	3.7
BA 73-373	4.0	3.0	3.5
NORTH STAR (EST-A7-60)	4.3	2.7	3.5
SIDEKICK	3.0	3.7	3.3
NIMBUS	3.3	2.7	3.0
BARUZO	4.0	1.5	2.8
KENBLUE	2.3	3.3	2.8
LSD VALUE	3.4	2.7	2.3
C.V. (%)	26.6	28.4	22.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH RATED IN 1996.

TABLE 70.

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME 1/
1996-2000 DATA

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

NAME	JUNE 96	JULY 96	OCT.96	NOV.96	JUNE 97	JULY 97	AUG.97	SEP.97	MAY 98	JUNE 98	AUG.98	JUNE 99	AUG.99	SEP.99	MEAN
WILDWOOD	7.0	5.0	5.7	6.3	8.7	9.0	9.0	8.3	7.0	7.3	8.7	9.0	8.7	8.0	7.7
MOONLIGHT (PST-A418)	7.7	5.3	9.0	4.7	8.7	7.7	8.0	9.0	7.7	7.7	8.7	7.7	7.7	7.3	7.6
BAR VB 6820	8.0	6.3	5.3	3.3	9.0	9.0	8.3	8.0	6.7	7.7	8.7	7.7	8.7	7.7	7.5
ASCOT	5.7	7.3	8.3	6.3	8.3	9.0	8.7	6.0	6.0	6.7	7.0	8.7	8.7	7.0	7.4
IMPACT (J-1576)	7.3	6.7	7.7	6.7	6.7	9.0	8.0	7.7	6.3	5.3	7.3	7.7	8.7	8.3	7.4
NUGLADE	7.3	7.0	8.7	6.3	6.7	9.0	8.3	8.0	6.0	4.7	7.3	8.0	8.7	8.7	7.4
ODYSSEY (J-1561)	6.7	7.3	7.3	5.3	7.3	8.7	9.0	6.0	5.7	7.0	9.0	8.0	7.7	6.7	7.3
ABSOLUTE (MED-1497)	7.3	6.7	6.0	6.7	7.3	6.3	7.7	8.0	6.7	6.3	7.7	7.7	8.0	7.7	7.2
APOLLO (PST-B3-180)	2.0	5.5	8.5	5.5	6.3	9.0	8.7	7.3	6.7	6.0	8.7	9.0	8.7	6.3	7.2
BAR VB 3115B	5.0	6.0	7.7	5.0	8.3	9.0	7.3	9.0	5.0	6.3	9.0	6.3	8.3	8.3	7.2
BARTITIA	6.3	5.3	9.0	6.7	5.0	9.0	8.3	8.7	5.0	6.3	8.7	5.3	8.7	8.3	7.2
PRINCETON 105	5.0	4.7	7.7	7.3	7.0	9.0	8.7	7.7	6.0	6.3	6.7	8.7	8.7	7.7	7.2
PST-P46	8.0	6.7	8.3	6.3	7.3	9.0	7.3	7.7	7.0	6.3	7.3	8.3	6.3	5.3	7.2
TOTAL ECLIPSE (TCR-1738)	4.7	7.3	9.0	4.7	8.3	9.0	8.0	8.0	5.3	4.7	8.0	8.7	7.7	7.7	7.2
AMERICA	4.0	7.7	8.0	5.3	7.7	9.0	8.3	6.7	6.7	6.0	8.3	7.7	7.7	6.3	7.1
BRILLIANT (PST-B2-42)	5.7	5.3	8.0	4.7	7.3	9.0	7.0	8.7	7.3	6.0	7.3	6.7	8.7	8.0	7.1
UNIQUE	6.0	7.7	8.0	4.7	8.3	9.0	7.3	6.7	7.0	6.3	7.0	9.0	7.7	5.3	7.1
BLACKSBURG	6.3	7.0	8.3	5.0	4.7	8.7	9.0	8.7	2.0	4.7	8.0	8.7	9.0	8.7	7.0
NJ 1190	6.0	6.3	9.0	6.3	6.0	5.7	8.0	8.7	3.0	6.7	8.7	6.7	8.3	8.3	7.0
BARITONE (BAR VB 233)	3.3	6.3	7.7	5.7	4.3	7.3	8.7	8.0	6.7	5.7	9.0	7.3	8.7	7.3	6.9
MIDNIGHT	7.0	6.7	7.7	6.3	6.3	9.0	7.0	6.0	6.3	4.7	8.7	7.0	7.7	6.3	6.9
RUGBY II (MED-18)	6.0	5.3	8.0	4.7	7.7	7.3	8.7	7.7	5.0	4.7	7.7	7.0	8.7	8.3	6.9
SHOWCASE (PST-BO-141)	4.7	7.3	7.0	7.0	7.7	9.0	7.3	6.3	7.0	4.0	8.3	7.7	7.7	6.3	6.9
BLACKSTONE (PST-638)	4.3	6.7	7.3	6.0	5.7	9.0	8.7	8.7	3.0	5.0	7.7	6.3	9.0	8.0	6.8
CONNI	6.7	4.7	6.3	5.3	7.7	9.0	8.0	8.3	3.7	5.3	8.7	7.3	7.7	6.7	6.8
LIBERATOR (ZPS-2572)	7.3	6.7	8.7	6.0	6.3	8.7	7.3	6.7	5.0	6.7	7.7	5.3	7.3	6.3	6.8
LIMOUSINE	6.0	5.0	8.0	6.0	6.0	8.7	5.7	9.0	6.0	7.3	7.3	6.7	7.3	6.0	6.8
QUANTUM LEAP (J-1567)	6.3	6.7	8.7	5.3	7.0	7.7	7.3	7.0	5.3	4.7	7.7	6.3	7.7	7.7	6.8
SHAMROCK	4.3	5.7	8.7	5.3	5.7	9.0	7.7	8.0	5.3	6.3	8.7	6.0	8.0	7.0	6.8
BA 81-270	6.0	7.0	7.3	5.0	5.7	8.0	8.7	6.7	5.7	5.3	7.7	6.0	7.7	7.3	6.7
ECLIPSE	5.0	5.7	7.0	5.0	6.7	9.0	7.7	7.0	5.3	6.0	7.3	7.3	7.7	6.7	6.7
RAMBO (J-2579)	3.3	5.7	8.7	6.0	5.7	8.0	7.7	7.7	3.0	4.7	9.0	7.0	8.7	8.3	6.7
SR 2109	2.7	4.3	6.7	6.3	7.0	9.0	7.7	7.3	5.7	5.7	8.0	7.0	9.0	6.3	6.7
CHALLENGER	5.7	6.0	8.7	6.3	7.3	9.0	7.7	8.0	7.0	5.0	5.7	5.3	6.0	5.7	6.6
CLASSIC	6.0	5.3	6.7	7.0	6.7	9.0	6.7	7.7	2.3	6.3	8.0	6.3	8.0	7.0	6.6
ARCADIA (J-1936)	6.3	4.7	8.3	5.7	6.3	6.7	7.7	6.7	6.0	4.0	8.0	6.3	7.3	6.7	6.5
BARONETTE (BA 81-058)	6.0	6.7	9.0	5.0	5.7	8.7	7.7	8.0	4.7	5.3	7.0	5.0	6.7	6.3	6.5
CHAMPAGNE (LTP-621)	3.7	5.7	8.3	7.7	5.7	8.0	7.3	8.3	2.3	5.0	8.0	7.0	7.7	7.0	6.5
LKB-95	3.7	4.7	5.7	6.0	6.7	8.0	7.3	7.3	3.0	6.3	8.0	7.3	9.0	7.3	6.5
ZPS-2183	6.3	6.7	7.3	5.7	5.7	8.7	7.3	5.7	3.3	6.0	8.7	7.7	6.7	5.7	6.5
ZPS-309	2.7	4.3	7.0	5.0	6.0	9.0	8.0	7.0	6.7	4.3	8.7	7.3	8.0	6.3	6.5
A88-744	3.0	7.0	8.0	6.3	5.0	8.7	7.0	6.0	5.0	3.7	6.7	8.0	8.3	6.7	6.4
CHICAGO (J-2582)	5.0	5.7	8.0	6.3	5.0	7.7	6.7	7.0	5.0	4.3	8.3	7.7	6.7	6.3	6.4
NORTH STAR (PST-A7-60)	4.7	3.0	2.7	1.7	9.0	8.3	6.7	7.3	5.7	7.0	6.0	9.0	8.7	7.7	6.4
PLATINI	6.3	4.0	7.3	6.7	6.3	8.7	6.0	6.0	7.0	5.7	8.7	5.0	6.0	5.7	6.4

TABLE 70. (CONT'D)

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1996-2000 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE															
NAME	JUNE 96	JULY 96	OCT.96	NOV.96	JUNE 97	JULY 97	AUG.97	SEP.97	MAY 98	JUNE 98	AUG.98	JUNE 99	AUG.99	SEP.99	MEAN
SERENE (PST-A7-245A)	5.3	3.7	5.7	5.0	7.3	9.0	9.0	7.7	4.7	4.7	8.7	5.7	8.0	5.7	6.4
ADVOCATE (HV 130)	7.0	5.0	5.0	5.3	6.3	9.0	7.3	6.3	3.0	5.7	8.3	8.3	6.7	5.7	6.3
BARIRIS (BAR VB 5649)	4.3	4.3	7.3	5.3	6.7	8.7	7.3	8.0	6.0	4.7	7.3	6.0	7.3	5.0	6.3
PICK 8	2.3	4.3	6.7	4.7	5.0	9.0	8.0	7.3	3.3	6.0	7.0	8.7	7.7	7.7	6.3
SODNET	7.0	6.0	4.3	3.7	6.0	8.7	7.3	8.3	4.0	4.7	6.7	6.0	8.0	7.7	6.3
AWARD	4.3	7.0	9.0	6.0	5.7	8.0	8.0	7.7	5.0	5.0	6.0	6.3	5.7	4.3	6.2
JEWEL (BA 81-227)	5.0	5.3	6.3	5.7	4.0	9.0	7.7	7.3	2.3	5.3	8.3	7.3	6.3	6.7	6.2
MISTY (BA 76-372)	4.3	6.0	8.0	4.3	5.0	7.3	8.0	7.0	5.3	6.0	6.7	8.0	6.7	4.7	6.2
SR 2000	5.0	7.0	9.0	8.0	5.7	7.0	7.0	7.0	3.0	3.3	7.0	5.3	8.7	6.7	6.2
CALIBER	4.0	5.0	7.3	5.7	6.3	9.0	6.0	7.0	6.3	6.0	7.3	4.7	6.7	5.0	6.1
COVENTRY	3.0	5.0	8.3	5.0	4.3	9.0	8.3	7.0	3.0	6.0	7.7	7.3	6.3	5.7	6.1
J-1555	5.7	5.7	7.3	5.0	5.0	7.7	8.0	7.7	4.0	5.0	7.3	5.0	6.3	6.7	6.1
SR 2100	4.7	4.3	7.3	6.3	4.3	7.7	7.3	7.3	3.3	4.7	7.3	7.3	7.7	6.3	6.1
BARONIE	4.3	5.0	7.7	8.0	3.7	9.0	7.0	8.0	4.0	5.7	6.0	4.3	7.0	5.3	6.0
EXPLORER (PICK-3561)	6.7	6.0	6.0	6.0	5.0	7.7	7.0	5.7	3.0	6.0	7.7	6.3	7.0	5.0	6.0
PICK-855	4.0	5.5	7.0	4.0	5.3	8.3	7.3	7.7	1.0	6.0	6.3	7.3	8.7	5.0	6.0
SEABRING (BA 79-260)	6.7	6.7	6.3	4.3	7.0	8.0	6.0	7.7	7.7	6.0	8.3	4.3	4.3	2.3	6.0
CARDIFF	5.7	6.0	5.3	4.7	6.0	8.3	7.0	7.7	6.0	5.0	7.3	3.3	6.7	4.0	5.9
FORTUNA	3.3	4.3	6.3	5.0	6.7	7.0	7.3	7.0	6.7	4.7	6.3	6.3	6.7	4.3	5.9
GOLDRUSH (BA 87-102)	2.0	2.7	5.7	4.7	4.7	8.0	7.7	6.0	4.7	6.0	7.7	8.3	8.0	5.3	5.9
JEFFERSON	5.3	5.7	6.3	4.7	5.0	7.7	6.7	7.7	4.0	4.7	6.3	5.7	7.7	5.7	5.9
ALLURE	3.3	5.7	9.0	3.7	4.7	8.0	8.3	7.0	3.0	6.0	8.7	4.3	5.7	4.7	5.8
LIVINGSTON	4.7	4.7	8.3	6.0	3.0	7.0	7.3	6.3	3.3	5.7	7.0	6.0	7.3	5.0	5.8
MED-1580	4.0	6.3	4.0	6.0	4.7	9.0	8.3	6.3	1.7	3.3	8.0	5.7	8.3	6.3	5.8
NUSTAR	3.7	4.0	2.7	5.3	6.0	9.0	7.7	6.3	4.3	6.3	7.0	6.0	6.3	6.3	5.8
BA 81-220	2.7	3.3	4.7	3.3	4.0	9.0	7.3	5.7	5.0	7.0	6.3	8.7	6.0	5.3	5.7
VB 16015	8.0	7.3	8.7	7.0	6.7	6.7	7.0	8.0	6.3	4.3	4.3	2.3	4.0	3.0	5.7
CHATEAU	4.7	5.3	7.3	5.0	4.3	9.0	7.0	5.0	4.3	4.7	7.0	6.3	5.0	4.3	5.6
HAGA	4.0	5.3	6.7	6.7	5.3	7.7	5.0	7.3	4.0	4.0	6.3	4.7	7.3	4.3	5.6
NIMBUS	4.7	2.0	5.7	3.3	8.0	9.0	5.0	8.7	4.7	4.7	7.3	5.3	7.3	3.7	5.6
RAVEN	1.3	3.0	5.0	4.7	5.0	8.0	6.3	4.3	5.7	6.0	7.0	7.7	7.7	5.3	5.6
BA 70-060	2.7	4.0	5.3	3.7	6.0	8.7	5.3	4.0	5.7	4.7	5.7	7.7	7.3	5.7	5.5
BA 75-163	3.3	4.7	7.7	5.7	6.0	7.7	6.0	4.7	4.3	5.7	7.0	5.7	5.7	3.7	5.5
BA 77-702	2.3	3.3	5.3	3.7	5.7	7.7	6.7	4.3	4.7	8.3	6.3	5.0	7.0	5.0	5.5
ENVICTA (BA 75-173)	3.7	6.3	4.3	4.0	4.3	9.0	4.7	4.7	6.7	4.3	6.7	6.3	7.3	3.7	5.5
HV 242	1.7	3.7	5.3	3.0	4.0	8.7	7.7	5.7	3.3	4.7	7.0	7.7	7.3	6.7	5.5
BA 73-373	2.3	3.3	5.7	3.7	5.7	8.3	6.0	4.7	7.0	6.0	6.7	5.7	6.3	3.7	5.4
BA 81-113	3.0	5.3	5.7	4.3	4.0	7.0	6.0	4.0	4.7	6.0	6.7	6.3	7.7	4.0	5.4
BARON	4.0	2.7	6.0	3.7	5.3	8.7	4.7	4.7	6.0	6.3	6.3	5.7	6.7	3.7	5.4
NJ-GD	2.7	5.0	8.0	5.7	3.7	8.0	7.0	6.7	3.7	5.0	7.0	3.7	6.7	3.7	5.4
SIDEKICK	3.3	2.7	5.7	6.0	4.7	7.7	5.7	5.0	6.3	5.7	7.0	6.0	4.7	4.7	5.4
BA 75-490	2.7	4.3	6.3	5.3	4.3	7.0	6.3	6.3	3.3	3.3	8.7	2.7	8.0	6.0	5.3
BLUECHIP (MED-1991)	2.0	3.0	6.7	4.0	4.7	7.7	6.7	5.3	5.3	5.3	7.0	6.0	6.0	3.7	5.3
GLADE	5.0	6.3	4.7	3.0	4.7	7.0	6.0	5.7	3.0	4.3	7.7	5.3	6.3	5.7	5.3
PST-BO-165	3.3	5.3	7.0	3.3	6.0	5.7	7.0	6.7	4.7	5.3	6.7	5.7	5.3	3.0	5.3

TABLE 70. (CONT'D)

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1996-2000 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	JUNE 96	JULY 96	OCT.96	NOV.96	JUNE 97	JULY 97	AUG.97	SEP.97	MAY 98	JUNE 98	AUG.98	JUNE 99	AUG.99	SEP.99	MEAN
BA 76-197	2.0	3.3	4.0	4.0	5.3	6.0	8.7	5.0	3.7	5.7	8.7	5.0	7.0	3.7	5.2
DRAGON (ZPS-429)	3.3	4.0	8.0	6.3	1.3	7.3	6.7	6.7	1.3	3.0	8.0	5.3	6.3	5.7	5.2
LTP-620	4.3	4.7	6.0	5.3	4.7	7.0	5.3	6.0	5.3	3.3	7.0	3.0	6.7	4.0	5.2
NJ-54	5.0	2.7	3.0	3.3	5.3	8.0	5.7	5.7	1.7	3.3	8.0	7.3	7.7	5.3	5.2
H86-690	5.0	6.0	5.0	4.3	2.0	6.7	4.0	6.3	2.7	3.3	8.3	5.0	6.3	6.3	5.1
LIPOA	3.7	4.3	2.3	3.7	6.0	9.0	6.3	6.0	1.7	5.0	5.3	7.7	5.3	4.7	5.1
MARQUIS	3.0	4.3	4.7	3.0	4.3	7.3	6.0	5.7	4.0	4.0	7.0	6.3	6.7	4.3	5.1
ABBAY	3.0	2.7	4.3	3.7	5.3	7.0	5.3	4.7	5.0	4.7	6.3	5.7	7.0	4.3	5.0
BARUZO	5.0	3.5	1.5	4.0	3.0	6.3	5.0	5.7	2.0	4.0	6.3	5.3	7.3	4.7	4.7
PEPAYA (DP 37-192)	3.7	4.7	4.7	2.3	6.7	7.7	4.7	4.7	2.0	3.3	5.3	7.0	4.3	2.0	4.4
SRX 2205	3.7	2.7	4.0	3.3	4.3	4.3	7.0	5.3	2.0	3.0	5.7	5.7	7.0	3.7	4.4
COMPACT	5.3	2.7	3.3	2.7	4.7	7.3	6.0	6.0	2.3	3.0	6.0	3.7	4.7	4.0	4.3
KENBLUE	3.0	4.0	1.3	4.3	3.7	4.7	1.3	2.7	2.0	2.7	6.0	2.0	4.0	4.0	3.3
LSD VALUE	3.1	3.4	2.5	7.8	3.4	4.7	3.8	1.9	2.6	3.6	5.4	4.0	3.5	3.4	1.1
C.V. (%)	36.4	32.2	22.9	41.0	30.1	19.2	23.4	17.3	32.9	29.6	21.6	29.6	21.7	30.5	21.7

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

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

TABLE 71.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT CARBONDALE, IL 1/
1996-2000 DATA

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

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
BA 75-490	4.7	7.0	5.8	BLACKSBURG	3.0	6.0	4.5
BARONIE	4.0	7.3	5.7	GLADE	4.0	5.0	4.5
CHATEAU	6.0	5.0	5.5	JEFFERSON	5.0	4.0	4.5
COMPACT	6.3	4.7	5.5	PLATINI	6.0	3.0	4.5
SIDEKICK	6.3	4.7	5.5	SHAMROCK	3.7	5.3	4.5
UNIQUE	3.3	7.7	5.5	SODNET	6.0	3.0	4.5
AMERICA	4.7	6.0	5.3	TOTAL ECLIPSE (TCR-1738)	3.0	6.0	4.5
APOLLO (PST-B3-180)	3.3	7.3	5.3	ZPS-309	5.3	3.7	4.5
BRILLIANT (PST-B2-42)	3.7	7.0	5.3	BA 70-060	4.0	4.7	4.3
ECLIPSE	4.3	6.3	5.3	BA 81-113	5.0	3.7	4.3
HV 242	7.3	3.3	5.3	BA 81-220	4.7	4.0	4.3
BARONETTE (BA 81-058)	3.7	6.7	5.2	CARDIFF	5.0	3.7	4.3
HAGA	4.7	5.7	5.2	CHALLENGER	4.3	4.3	4.3
LIVINGSTON	4.3	6.0	5.2	ENVICTA (BA 75-173)	3.7	5.0	4.3
SHOWCASE (PST-BO-141)	3.0	7.3	5.2	J-1555	3.7	5.0	4.3
SR 2000	3.7	6.7	5.2	JEWEL (BA 81-227)	4.0	4.7	4.3
ARCADIA (J-1936)	3.7	6.3	5.0	LIBERATOR (ZPS-2572)	3.0	5.7	4.3
BARITONE (BAR VB 233)	6.3	3.7	5.0	MARQUIS	5.3	3.3	4.3
CHICAGO (J-2582)	4.3	5.7	5.0	MISTY (BA 76-372)	5.3	3.3	4.3
PST-BO-165	4.3	5.7	5.0	MOONLIGHT (PST-A418)	1.7	7.0	4.3
BA 76-197	5.7	4.0	4.8	ODYSSEY (J-1561)	3.7	5.0	4.3
BARIRIS (BAR VB 5649)	5.7	4.0	4.8	PEPAYA (DP 37-192)	7.3	1.3	4.3
BARON	5.3	4.3	4.8	SR 2100	5.0	3.7	4.3
BLACKSTONE (PST-638)	4.0	5.7	4.8	VB 16015	5.0	3.7	4.3
H86-690	7.0	2.7	4.8	A88-744	3.3	5.0	4.2
NJ-54	3.7	6.0	4.8	BARUZO	7.3	1.0	4.2
PRINCETON 105	4.7	5.0	4.8	FORTUNA	3.3	5.0	4.2
SERENE (PST-A7-245A)	4.7	5.0	4.8	LIMOUSINE	5.3	3.0	4.2
AWARD	4.0	5.3	4.7	MIDNIGHT	2.3	6.0	4.2
BA 75-163	4.3	5.0	4.7	NIMBUS	4.3	4.0	4.2
BA 77-702	4.3	5.0	4.7	NORTH STAR (PST-A7-60)	4.3	4.0	4.2
BAR VB 3115B	4.3	5.0	4.7	NUGLADE	4.0	4.3	4.2
BAR VB 6820	6.3	3.0	4.7	PICK-855	5.0	3.3	4.2
CALIBER	5.7	3.7	4.7	PST-P46	3.0	5.3	4.2
CHAMPAGNE (LTP-621)	3.7	5.7	4.7	ABBEY	3.3	4.7	4.0
CONNI	6.3	3.0	4.7	ABSOLUTE (MED-1497)	4.0	4.0	4.0
COVENTRY	4.0	5.3	4.7	BA 73-373	4.0	4.0	4.0
DRAGON (ZPS-429)	4.0	5.3	4.7	LKB-95	3.7	4.3	4.0
GOLDRUSH (BA 87-102)	4.0	5.3	4.7	MED-1580	4.0	4.0	4.0
IMPACT (J-1576)	3.3	6.0	4.7	NUSTAR	3.3	4.7	4.0
KENBLUE	4.7	4.7	4.7	PICK 8	2.7	5.3	4.0
LTP-620	5.7	3.7	4.7	RUGBY II (MED-18)	3.0	5.0	4.0
RAVEN	4.3	5.0	4.7	SR 2109	4.0	4.0	4.0
ALLURE	5.3	3.7	4.5	WILDWOOD	4.0	4.0	4.0
BA 81-270	4.7	4.3	4.5	ASCOT	4.7	3.0	3.8

TABLE 71. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT CARBONDALE, IL
 1996-2000 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

NAME	JULY	AUGUST	MEAN
LIPOA	4.3	3.3	3.8
NJ-GD	3.7	4.0	3.8
QUANTUM LEAP (J-1567)	3.3	4.3	3.8
SRX 2205	3.3	4.3	3.8
RAMBO (J-2579)	4.0	3.3	3.7
ZPS-2183	2.7	4.7	3.7
BLUECHIP (MED-1991)	2.7	4.3	3.5
EXPLORER (PICK-3561)	3.0	4.0	3.5
NJ 1190	4.3	2.7	3.5
ADVOCATE (HV 130)	2.0	4.7	3.3
BARTITIA	4.0	2.7	3.3
SEABRING (BA 79-260)	3.7	3.0	3.3
CLASSIC	1.0	1.0	1.0
LSD VALUE	2.1	1.7	1.3
C.V. (%)	27.7	23.4	16.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SUMMER PATCH RATED in 1996.

TABLE 72.

MEASUREMENTS OF SPREAD LENGTH AND WIDTH OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT BELTSVILLE, MD 1/
1996-2000 DATA

LENGTH AND WIDTH MEASURED IN CENTIMETERS 2/

NAME	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	MEAN OF LENGTH AND WIDTH MEASUREMENTS			
	JULY 97	JULY 97	NOV. 97	NOV. 97	MAR. 98	MAR. 98	NOV. 98	NOV. 98	JULY 97	NOV. 97	MAR. 98	NOV. 98
LIVINGSTON	31.5	25.5	47.8	37.0	50.3	42.8	75.0	63.0	28.5	42.4	46.5	69.0
NJ-GD	32.5	26.5	39.5	36.0	47.5	44.0	72.3	64.0	29.5	37.8	45.8	68.1
CHAMPAGNE (LTP-621)	34.0	29.3	42.0	34.5	48.8	44.5	69.8	63.3	31.6	38.3	46.6	66.5
LTP-620	32.5	28.8	48.3	37.3	52.0	48.0	71.3	61.5	30.6	42.8	50.0	66.4
CLASSIC	34.3	25.0	44.3	35.8	50.5	45.0	69.3	61.3	29.6	40.0	47.8	65.3
PRINCETON 105	31.0	26.0	46.0	35.0	52.0	39.5	72.8	57.8	28.5	40.5	45.8	65.3
BARONIE	34.3	24.0	42.8	34.5	46.3	41.3	69.5	60.8	29.1	38.6	43.8	65.1
CALIBER	26.0	23.0	44.3	35.3	45.5	37.8	68.8	57.5	24.5	39.8	41.6	63.1
KENBLUE	27.8	22.5	44.8	36.0	46.5	43.5	67.8	58.0	25.1	40.4	45.0	62.9
BARIRIS (BAR VB 5649)	34.8	25.3	43.3	33.0	45.5	37.8	67.0	54.8	30.0	38.1	41.6	60.9
J-1555	30.5	23.5	48.0	30.5	48.5	37.8	65.3	55.8	27.0	39.3	43.1	60.5
UNIQUE	32.5	25.8	40.0	32.8	43.3	39.0	61.5	58.3	29.1	36.4	41.1	59.9
CHICAGO (J-2582)	30.8	26.0	42.3	36.8	45.5	39.8	62.3	56.3	28.4	39.5	42.6	59.3
AMERICA	30.3	24.3	43.3	33.8	43.0	38.8	65.5	52.8	27.3	38.5	40.9	59.1
ARCADIA (J-1936)	28.5	24.5	42.3	32.5	44.5	38.3	63.8	53.8	26.5	37.4	41.4	58.8
PICK 8	30.3	23.8	39.3	32.8	42.0	32.5	65.8	51.5	27.0	36.0	37.3	58.6
SHAMROCK	34.3	26.8	46.5	37.0	46.3	37.0	64.0	53.0	30.5	41.8	41.6	58.5
BAR VB 3115B	27.5	24.0	39.8	33.3	41.5	36.5	63.5	53.0	25.8	36.5	39.0	58.3
RAMBO (J-2579)	28.8	23.0	39.5	34.8	43.0	36.0	61.0	54.5	25.9	37.1	39.5	57.8
ODYSSEY (J-1561)	32.3	25.5	43.0	29.8	43.5	34.8	63.8	51.5	28.9	36.4	39.1	57.6
BARITONE (BAR VB 233)	28.8	23.5	39.8	31.8	40.8	35.0	61.3	53.0	26.1	35.8	37.9	57.1
ZPS-2183	32.8	29.3	38.3	34.8	42.8	35.5	59.5	54.0	31.0	36.5	39.1	56.8
NUSTAR	24.3	21.0	37.3	28.8	40.0	35.5	60.0	53.3	22.6	33.0	37.8	56.6
ZPS-309	28.8	22.8	41.3	33.8	41.3	38.8	60.3	52.8	25.8	37.5	40.0	56.5
MIDNIGHT	28.8	23.3	37.8	28.5	41.8	34.0	61.0	51.8	26.0	33.1	37.9	56.4
BA 76-197	31.0	26.0	41.5	33.3	40.5	35.5	59.8	52.8	28.5	37.4	38.0	56.3
HAGA	28.5	21.0	41.3	29.0	47.5	33.8	62.8	49.8	24.8	35.1	40.6	56.3
BARONETTE (BA 81-058)	28.8	23.0	42.5	30.8	45.0	34.3	63.0	49.3	25.9	36.6	39.6	56.1
BA 75-490	29.3	25.0	40.0	31.5	44.0	37.8	61.3	50.3	27.1	35.8	40.9	55.8
VB 16015	32.0	22.5	44.3	30.5	47.8	37.5	59.8	51.8	27.3	37.4	42.6	55.8
JEFFERSON	28.5	22.3	36.8	29.8	41.8	34.3	60.5	50.5	25.4	33.3	38.0	55.5
SR 2109	27.5	21.8	37.3	30.8	40.0	35.8	58.0	53.0	24.6	34.0	37.9	55.5
LIBERATOR (ZPS-2572)	28.8	21.8	40.5	29.8	41.3	34.3	61.0	49.8	25.3	35.1	37.8	55.4
BA 81-270	32.3	26.3	40.5	33.3	43.8	37.0	58.3	52.0	29.3	36.9	40.4	55.1
HV 242	29.5	25.3	36.5	33.0	41.0	37.3	60.3	49.8	27.4	34.8	39.1	55.0
NUGLADE	26.5	22.5	37.0	30.0	40.3	32.3	60.8	49.0	24.5	33.5	36.3	54.9
ALLURE	31.3	26.0	39.3	33.5	42.5	33.3	58.0	51.0	28.6	36.4	37.9	54.5
APOLLO (PST-B3-180)	28.3	23.8	34.3	27.3	40.5	33.5	59.5	49.0	26.0	30.8	37.0	54.3
SR 2000	29.8	25.8	39.0	34.3	38.8	38.3	57.3	51.0	27.8	36.6	38.5	54.1
H86-690	29.3	19.3	40.0	28.0	46.3	33.0	60.0	48.0	24.3	34.0	39.6	54.0
NIMBUS	29.5	23.5	39.0	31.5	40.8	34.8	60.3	47.8	26.5	35.3	37.8	54.0
BRILLIANT (PST-B2-42)	30.5	25.0	36.8	26.0	38.5	33.8	57.3	49.8	27.8	31.4	36.1	53.5
RAVEN	31.5	21.5	38.8	27.5	40.8	34.5	58.3	48.8	26.5	33.1	37.6	53.5
RUGBY II (MED-18)	27.0	23.5	36.3	32.8	38.5	36.0	55.8	51.3	25.3	34.5	37.3	53.5
SIDEKICK	31.3	24.8	38.3	33.5	42.0	35.3	59.3	47.5	28.0	35.9	38.6	53.4

TABLE 72. (CONT'D)

MEASUREMENTS OF SPREAD LENGTH AND WIDTH OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT BELTSVILLE, MD
1996-2000 DATA

LENGTH AND WIDTH MEASURED IN CENTIMETERS

NAME	LENGTH		WIDTH		LENGTH		WIDTH		MEAN OF LENGTH AND WIDTH MEASUREMENTS			
	JULY 97	JULY 97	NOV. 97	NOV. 97	MAR. 98	MAR. 98	NOV. 98	NOV. 98	JULY 97	NOV. 97	MAR. 98	NOV. 98
BAR VB 6820	25.0	20.5	37.0	25.5	40.5	30.5	58.5	48.0	22.8	31.3	35.5	53.3
PST-BO-165	30.3	26.3	41.0	37.0	44.5	39.8	56.5	49.5	28.3	39.0	42.1	53.0
BA 81-113	28.5	22.3	38.0	30.0	40.0	34.0	57.8	48.0	25.4	34.0	37.0	52.9
SRX 2205	26.0	21.8	40.3	32.5	41.3	34.8	56.3	49.5	23.9	36.4	38.0	52.9
BARON	27.8	23.5	37.8	31.5	39.3	36.0	58.3	47.3	25.6	34.6	37.6	52.8
GLADE	27.5	22.8	37.3	30.3	39.3	36.3	56.8	48.8	25.1	33.8	37.8	52.8
LKB-95	29.3	23.3	39.5	30.8	42.8	35.3	56.0	49.5	26.3	35.1	39.0	52.8
SHOWCASE (PST-BO-141)	27.5	22.8	33.8	27.8	38.2	33.2	55.8	49.6	25.1	30.8	35.7	52.7
COVENTRY	29.5	25.8	40.5	32.8	40.5	33.8	55.3	49.5	27.6	36.6	37.1	52.4
IMPACT (J-1576)	26.0	23.5	33.3	28.5	36.3	33.3	55.5	49.3	24.8	30.9	34.8	52.4
MARQUIS	32.8	25.3	40.5	27.0	41.8	33.0	57.3	47.3	29.0	33.8	37.4	52.3
BLUECHIP (MED-1991)	27.5	23.8	35.3	28.8	37.3	34.0	55.5	48.3	25.6	32.0	35.6	51.9
ECLIPSE	30.5	25.5	40.0	31.5	44.3	36.8	57.0	46.8	28.0	35.8	40.5	51.9
A88-744	29.3	22.0	39.0	30.5	40.3	36.3	54.3	47.8	25.6	34.8	38.3	51.0
CARDIFF	25.8	19.8	33.5	26.3	37.3	32.0	54.5	47.5	22.8	29.9	34.6	51.0
EXPLORER (PICK-3561)	27.3	23.3	37.3	28.3	37.0	31.3	55.5	46.5	25.3	32.8	34.1	51.0
MED-1580	28.8	25.8	35.5	30.3	38.5	34.5	53.5	48.5	27.3	32.9	36.5	51.0
CHALLENGER	31.3	24.5	41.0	32.5	42.0	34.0	56.5	45.0	27.9	36.8	38.0	50.8
AWARD	25.5	22.8	34.8	25.8	35.5	30.0	54.3	46.8	24.1	30.3	32.8	50.5
QUANTUM LEAP (J-1567)	23.0	22.3	34.3	31.5	36.0	32.8	54.8	45.5	22.6	32.9	34.4	50.1
BA 70-060	26.8	23.8	34.5	30.3	39.0	31.5	53.5	46.3	25.3	32.4	35.3	49.9
MOONLIGHT (PST-A418)	28.8	24.5	36.8	28.0	34.5	28.5	53.3	46.5	26.6	32.4	31.5	49.9
SR 2100	24.5	22.5	36.0	27.3	38.7	31.3	55.0	44.7	23.5	31.6	35.0	49.8
CHATEAU	30.0	25.5	37.5	32.5	41.0	33.5	53.0	46.3	27.8	35.0	37.3	49.6
JEWEL (BA 81-227)	30.5	27.8	40.8	35.3	40.5	35.0	52.5	46.8	29.1	38.0	37.8	49.6
NJ-54	26.0	22.8	35.0	25.5	37.8	33.3	53.8	45.3	24.4	30.3	35.5	49.5
NJ 1190	27.8	24.8	35.3	30.3	36.8	34.0	53.5	45.0	26.3	32.8	35.4	49.3
ADVOCATE (HV 130)	25.3	21.5	35.3	30.3	37.5	33.0	53.8	44.5	23.4	32.8	35.3	49.1
ENVICTA (BA 75-173)	28.8	20.3	37.8	27.3	40.0	31.0	53.8	43.8	24.5	32.5	35.5	48.8
GOLDRUSH (BA 87-102)	31.0	24.8	39.0	33.0	38.8	35.0	51.0	45.3	27.9	36.0	36.9	48.1
BA 81-220	29.3	22.0	37.3	28.3	40.0	29.8	54.3	41.8	25.6	32.8	34.9	48.0
PLATINI	25.3	22.0	34.8	28.3	34.3	28.8	51.5	44.5	23.6	31.5	31.5	48.0
BLACKSBURG	25.3	22.0	32.5	25.8	32.3	27.3	53.0	42.5	23.6	29.1	29.8	47.8
TOTAL ECLIPSE (TCR-1738)	25.5	21.8	33.3	25.0	35.0	28.5	54.5	40.5	23.6	29.1	31.8	47.5
BA 77-702	26.8	23.3	32.5	28.0	34.5	31.8	51.3	43.5	25.0	30.3	33.1	47.4
FORTUNA	28.5	22.8	34.5	25.5	37.5	30.3	50.3	44.3	25.6	30.0	33.9	47.3
BA 75-163	24.5	19.5	32.5	24.3	37.3	29.8	51.8	42.5	22.0	28.4	33.5	47.1
PST-P46	28.3	20.3	37.3	26.5	38.3	31.8	53.0	40.3	24.3	31.9	35.0	46.6
BA 73-373	28.8	23.3	35.8	27.3	35.3	30.3	51.5	40.5	26.0	31.5	32.8	46.0
ASCOT	29.5	24.5	37.3	32.0	36.0	32.5	49.3	42.0	27.0	34.6	34.3	45.6
SEABRING (BA 79-260)	24.8	21.0	34.5	27.8	34.8	30.5	49.5	41.8	22.9	31.1	32.6	45.6
BLACKSTONE (PST-638)	25.5	23.8	33.8	28.3	35.3	31.0	48.5	42.0	24.6	31.0	33.1	45.3
WILDWOOD	24.8	21.3	34.5	28.0	36.8	29.0	49.8	40.5	23.0	31.3	32.9	45.1
ABBAY	27.0	23.0	33.3	28.5	33.0	29.8	47.5	42.0	25.0	30.9	31.4	44.8
SODNET	26.5	24.3	32.8	28.0	37.3	30.3	49.0	39.8	25.4	30.4	33.8	44.4

TABLE 72. (CONT'D)

MEASUREMENTS OF SPREAD LENGTH AND WIDTH OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT BELTSVILLE, MD
1996-2000 DATA

LENGTH AND WIDTH MEASURED IN CENTIMETERS

NAME	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	MEAN OF LENGTH AND WIDTH MEASUREMENTS			
	JULY 97	JULY 97	NOV. 97	NOV. 97	MAR. 98	MAR. 98	NOV. 98	NOV. 98	JULY 97	NOV. 97	MAR. 98	NOV. 98
SERENE (PST-A7-245A)	24.3	20.3	30.0	28.0	34.3	31.0	47.0	41.5	22.3	29.0	32.6	44.3
COMPACT	27.0	21.5	32.8	26.3	33.5	29.0	47.0	41.0	24.3	29.5	31.3	44.0
DRAGON (ZPS-429)	24.5	20.3	32.3	27.0	34.0	27.8	48.8	38.3	22.4	29.6	30.9	43.5
NORTH STAR (PST-A7-60)	23.8	20.5	32.5	26.3	33.8	30.5	47.0	40.0	22.1	29.4	32.1	43.5
BARUZO	25.3	22.3	34.0	28.3	35.0	28.3	47.0	38.8	23.8	31.1	31.6	42.9
PICK-855	24.0	19.8	32.3	24.0	35.5	29.0	46.3	39.0	21.9	28.1	32.3	42.6
PEPAYA (DP 37-192)	23.5	16.8	33.0	27.3	34.0	29.5	46.5	38.0	20.1	30.1	31.8	42.3
MISTY (BA 76-372)	23.8	21.3	35.0	27.0	36.7	31.0	44.3	39.3	22.5	31.0	33.8	41.8
LIPOA	30.3	21.8	37.8	26.0	35.0	26.3	47.3	35.8	26.0	31.9	30.6	41.5
ABSOLUTE (MED-1497)	28.3	21.8	34.0	26.5	35.5	29.0	45.0	36.3	25.0	30.3	32.3	40.6
BARTITIA	26.8	23.3	33.0	28.5	34.5	29.5	44.8	33.3	25.0	30.8	32.0	39.0
CONNI	21.8	17.3	26.5	20.5	27.3	25.8	41.0	34.5	19.5	23.5	26.5	37.8
LIMOUSINE	24.0	21.8	30.5	26.8	32.5	28.8	38.8	34.5	22.9	28.6	30.6	36.6
LSD VALUE	5.9	4.9	9.0	8.0	7.7	7.5	9.3	8.4	4.7	7.3	6.7	8.0
C.V. (%)	12.9	12.7	14.4	15.6	12.9	14.5	11.8	12.6	11.6	13.3	12.4	11.2

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.