

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 Maryland Turfgrass Council. 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, a national director, and an executive coordinator. The program will 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. The national director is responsible for the overall coordination and operation of the NTEP, including (1) soliciting entries and distribution of test seed sets to evaluators, (2) data summarization and distribution, and, (3) management of test materials, facilities, and finances.

National Director - Kevin Morris, Maryland Turfgrass Council

Executive Coordinator, NTEP Policy Committee - Jack Murray

POLICY COMMITTEE MEMBERS

Dr. Reed Funk, Rutgers University
Dr. Don White, University of Minnesota
Dr. Milt Engelke, Texas A & M University
Dr. Terry Riordan, University of Nebraska
Dr. Bill Meyer, Pure-Seed Testing, Inc.

FOR ADDITIONAL REPORTS OR INFORMATION WRITE:

Kevin Morris, National Director
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 001, Room 333
Beltsville, Maryland 20705

CONTENTS

1985 National Kentucky Bluegrass Test - 1989 data

LOCATIONS SUBMITTING DATA FOR 1989.....	1
NATIONAL KENTUCKY BLUEGRASS TEST, 1985 - Entries and Sponsors.....	2
Table A - 1989 Locations, Site Descriptions and Management Practices in the 1985 National Kentucky Bluegrass Test.....	3
Table B - Locations and Data Collected in 1989.....	4
Table 1 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars at Twenty-Eight Locations in the United States and Canada.....	6
Table 2 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars for Each Month Grown at Twenty-Eight Locations in the United States and Canada.....	10
Table 3 - Ranking of Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars at Twenty-Eight Locations in the United States and Canada.....	12
Table 4 - Spring Greenup Ratings of Kentucky Bluegrass Cultivars.....	16
Table 5 - Genetic Color Ratings of Kentucky Bluegrass Cultivars.....	18
Table 6 - Leaf Texture Ratings of Kentucky Bluegrass Cultivars.....	19
Table 7 - Winter Color Ratings of Kentucky Bluegrass Cultivars.....	20
Table 8 - Spring Density Ratings of Kentucky Bluegrass Cultivars.....	21
Table 9 - Summer Density Ratings of Kentucky Bluegrass Cultivars.....	22
Table 10 - Fall Density Ratings of Kentucky Bluegrass Cultivars.....	23
Table 11 - Percent Living Ground Cover (Summer) Ratings of Kentucky Bluegrass Cultivars.....	24
Table 12 - Snow Mold Ratings of Kentucky Bluegrass Cultivars.....	25
Table 13 - Fusarium Patch Ratings of Kentucky Bluegrass Cultivars.....	26
Table 14 - Leafspot Ratings of Kentucky Bluegrass Cultivars.....	27
Table 15 - Dollar Spot Ratings of Kentucky Bluegrass Cultivars.....	28
Table 16 - Necrotic Ring Spot Ratings of Kentucky Bluegrass Cultivars....	29
Table 17 - Summer Patch Ratings of Kentucky Bluegrass Cultivars.....	30
Table 18 - Crown Rust Ratings of Kentucky Bluegrass Cultivars.....	31
Table 19 - Billbug Ratings of Kentucky Bluegrass Cultivars.....	32

LOCATIONS SUBMITTING DATA FOR 1989

<u>State</u>	<u>Location</u>	<u>Code</u>
British Columbia	Agassiz	BC1
California	Riverside	CA3
District of Columbia	Washington Monument Grounds	DC1
Idaho	Post Falls	ID2
Illinois	Carbondale	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
Nebraska	Lincoln (low mowing)	NE1
Nebraska	Lincoln (high mowing)	NE2
New Jersey	Adelphia (low nitrogen)	NJ1
New Jersey	Adelphia (high nitrogen)	NJ2
Oregon	Hubbard	OR1
Pennsylvania	University Park	PA1
Pennsylvania	University Park	PA2
Rhode Island	Kingston	RI1
South Dakota	Brookings	SD1
Virginia	Blacksburg	VA1

1985 NATIONAL KENTUCKY BLUEGRASS TEST

Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	Classic	Peterson Seed Company	36	Ba 73-540	O. M. Scott & Sons
2	Monopoly	Peterson Seed Company	37	Parade	Van der Have - Oregon, Inc.
3	Barzan	Mount Emily Seeds, Inc.	38	Asset	Van der Have - Oregon, Inc.
4	Gnome	Turf Merchants, Inc.	39	HV 97 (Cocktail)	Pure-Seed Testing, Inc.
5	Tendos	Turf Merchants, Inc.	40	Lofts 1757	Loft's Seed, Inc.
6	P-104 (Princeton 104)	Loft's Seed, Inc.	41	Cheri	Jacklin Seed Co.
7	Ram-1	Jacklin & Loft's Seed, Inc.	42	Eclipse	Turf Cultivar Assoc.
8	Compact	Tib Szego Associates	43	Liberty	Zajac Performance Seeds
9	Joy	Green Seed Company	44	Destiny	Jonathan Green & Son
10	Sydsport	Loft's Seed, Inc.	45	Dawn	LESCO, Inc.
11	Haga	E. F. Burlingham & Sons	46	Merion	-
12	Georgetown	Loft's Seed, Inc.	47	Nassau	Jacklin & Loft's Seed, Inc.
13	Somerset	Loft's Seed, Inc.	48	Amazon	Jacklin Seed Co.
14	Mystic	Loft's Seed, Inc.	49	239 (Suffolk)	Loft's Seed, Inc.
15	Baron	Loft's Seed, Inc.	50	Wabash	Loft's Seed, Inc.
16	Able I	Warren's Turf Nursery, Inc.	51	Julia	LESCO & Jacklin Seed Co.
17	A-34	Warren's Turf Nursery, Inc.	52	Ikone	Jacklin Seed Co.
18	Merit	Full Circle, Inc.	53	Glade	Jacklin Seed Co.
19	BAR VB 577 (Barlympia)	Barenbrug Holland	54	Huntsville	Jacklin Seed Co.
20	Annika	Production Services	55	F-1872 (Freedom)	Jacklin Seed Co.
21	Conni	Production Services	56	Aquila	Northrup King Co.
22	Kenblue	-	57	K1-152	Northrup King Co.
23	Bristol	O. M. Scott & Sons	58	Harmony	Rothwell Seeds
24	Victa	O. M. Scott & Sons	59	Welcome	Rothwell Seeds
25	Ba 70-139 (Coventry)	O. M. Scott & Sons	60	Aspen	NK Lawn & Garden
26	Ba 70-242 (Marquis)	Roberts Seed Company	61	Rugby	NK Lawn & Garden
27	Ba 72-441 (Abbey)	O. M. Scott & Sons	62	Trenton	NK Lawn & Garden
28	Ba 72-492 (Estate)	Roberts Seed Company	63	K3-178	NK Lawn & Garden
29	Ba 72-500 (Chateau)	Finelawn Research Corp.	64	Midnight	Turf-Seed, Inc.
30	Ba 73-626 (Kelly)	NK Lawn & Garden	65	Challenger	Turf-Seed, Inc.
31	BAR VB 534	Barenbrug Holland	66	Blacksburg	Turf-Seed, Inc.
32	Cynthia	Van der Have Oregon, Inc.	67	PST-CB1	Pure-Seed Testing, Inc.
33	NE 80-88	Univ. of Nebraska - T. Riordan	68	S. D. Certified	-
34	America	Pickseed West, Inc.	69	WW Ag 468	E. F. Burlingham & Sons
35	Ba 69-82	O. M. Scott & Sons	70	WW Ag 491	E. F. Burlingham & Sons
			71	WW Ag 495	E. F. Burlingham & Sons
			72	WW Ag 496	E. F. Burlingham & Sons

TABLE A.

 1989 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES
 IN THE 1985 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
BC1	SANDY LOAM	5.6-6.0	0-60	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
CA3	-	-	-	-	-	-	-	-
DC1	LOAM	6.1-6.5	271-450	241-375	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	1.6-2.0	NO IRRIGATION
ID2	SANDY LOAM	4.6-5.5	0-60	0-150	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IL1	SILTY CLAY AND CLAY	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IL2	SILTY CLAY AND CLAY	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KS1	SILTY CLAY LOAM	7.1-7.5	151-270	376-500	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
MD1	SANDY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MI1	-	-	-	-	-	-	-	-
MO1	SILT LOAM AND SILT	6.1-6.5	-	-	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NE1	SANDY CLAY LOAM	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NE2	SANDY CLAY LOAM	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NJ1	SANDY LOAM	6.1-6.5	151-270	241-375	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NJ2	SANDY LOAM	6.1-6.5	151-270	241-375	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
OR1	SILT LOAM AND SILT	4.6-5.5	151-270	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
PA1	SILTY CLAY LOAM	6.6-7.0	151-270	501+	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
PA2	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
RI1	SILT LOAM AND SILT	6.1-6.5	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
SD1	SILTY CLAY LOAM	6.6-7.0	-	-	-	FULL SUN	2.1-2.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	5.6-6.0	151-270	0-150	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
VA1	-	5.6-6.0	0-60	241-375	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
VA3	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	-	-	-	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
WA4	SILT LOAM AND SILT	6.6-7.0	61-150	376-500	0.0-1.0	DENSE SHADE	2.1-2.5	ONLY DURING SEVERE STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1989

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	SPRING GREENUP RATING	GENETIC COLOR RATING
BC1	X			X	X	X	X	X	X	X	X	X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X		
DC1					X	X	X		X	X				
IA1					X	X		X	X	X				
ID2							X	X					X	
IL1			X	X	X	X	X	X	X	X				
IL2			X	X	X	X	X	X	X	X				
IN1				X	X	X	X	X	X				X	
KS1				X	X	X	X	X	X		X			
KS2						X	X	X						
KY1			X	X	X	X	X	X		X				
MD1				X	X	X	X		X		X		X	X
MI1				X	X	X	X	X	X	X	X			
MO1			X		X	X		X		X			X	
NE1					X	X		X	X					X
NE2					X	X	X	X	X					X
NJ1			X	X	X	X	X	X	X	X	X			
NJ2				X	X	X	X	X	X	X	X			
OR1	X	X	X	X	X	X	X	X	X	X	X	X		
PA1								X	X	X				
PA2					X		X	X	X				X	
RI1				X	X	X	X	X	X		X		X	
SD1					X	X	X	X	X	X				X
UB1				X	X	X	X	X	X	X	X			
VA1			X		X	X	X	X	X	X	X			
VA3			X	X	X	X	X				X			
WA1					X		X							
WA4							X					X		

TABLE B. (continued)

LOCATIONS AND DATA COLLECTED IN 1989

LOCATION	LEAF TEXTURE RATING	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SUMMER	WINTER COLOR	SNOW MOLD	FUSARIUM PATCH	LEAF SPOT	DOLLAR SPOT	NECROTIC RING SPOT	SUMMER PATCH	CROWN RUST	BILLBUGS
BC1														
CA3														
DC1														
IA1														
ID2						X		X	X		X			
IL1														
IL2														
IN1	X									X		X		
KS1														
KS2														
KY1														
MD1														
MI1							X							
MO1		X	X							X			X	
NE1										X				X
NE2														X
NJ1														
NJ2														
OR1														
PA1										X				
PA2		X										X		
RI1														
SD1	X	X	X											
UB1									X					
VA1														
VA3														
WA1													X	
WA4				X	X									

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-EIGHT LOCATIONS IN THE UNITED STATES AND CANADA
1989 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/													
	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MI1	MO1
* BLACKSBURG	6.8	5.7	1.6	3.5	7.8	6.5	6.8	7.3	7.1	8.1	7.5	7.1	5.5	7.3
* P-104 (PRINCETON 104)	6.7	5.4	2.3	3.6	7.7	6.2	5.5	6.9	6.8	8.4	6.5	7.4	6.8	7.3
* MIDNIGHT	6.2	6.1	4.3	3.4	7.2	6.0	5.4	7.3	7.6	8.7	7.0	7.4	6.0	7.0
* ECLIPSE	6.4	5.7	3.4	4.1	7.2	6.2	5.3	6.9	6.8	7.6	6.9	7.0	6.2	6.3
* AMERICA	5.3	5.7	4.9	3.9	7.7	5.5	6.2	6.9	7.1	7.9	7.4	7.0	5.3	5.9
* ASSET	6.3	5.8	6.0	3.5	6.8	5.5	4.8	7.1	6.8	6.3	7.5	6.5	6.2	6.7
* ASEN	5.7	5.9	3.8	4.2	7.2	6.0	5.3	6.8	6.9	7.4	7.4	6.3	5.8	6.7
* LOFTS 1757	6.2	5.8	4.0	4.7	7.0	5.4	5.3	6.7	7.0	8.3	6.5	7.1	6.0	6.3
* A-34	6.4	5.6	5.6	4.0	7.3	6.5	5.8	6.7	6.2	6.7	6.5	7.2	4.8	7.0
* ABLE I	5.6	5.8	3.1	4.5	7.3	6.0	5.0	6.9	6.9	6.0	6.9	6.9	5.3	6.4
* F-1872 (FREEDOM)	.	5.6	.	4.9	6.8	6.2	5.5	6.2	.	7.3	6.4	7.0	5.8	7.3
* GLADE	6.5	5.8	6.1	3.7	7.2	4.7	5.0	6.8	6.7	6.9	7.0	6.4	5.6	6.9
* SOMERSET	5.8	5.8	3.3	4.6	6.7	5.9	5.3	7.0	6.4	6.9	7.1	6.4	5.3	7.0
* BRISTOL	5.9	6.0	3.6	3.7	6.0	5.3	5.4	6.6	7.2	7.4	6.4	6.8	5.8	6.7
* BA 72-500 (CHATEAU)	6.6	5.8	3.9	3.3	7.0	5.3	5.8	6.2	7.0	5.3	6.3	6.6	5.0	7.1
* MYSTIC	4.8	5.3	4.6	3.8	6.2	6.8	5.8	6.7	6.3	5.8	6.9	7.6	5.4	6.5
WW AG 496	6.1	5.5	5.0	4.0	6.5	6.1	6.3	5.6	.	6.9	6.3	7.0	5.0	7.0
* TRENTON	6.1	5.6	4.7	4.0	7.3	6.2	5.2	6.6	6.3	7.3	6.8	6.8	5.5	6.3
* WABASH	5.4	4.8	6.7	4.7	6.2	6.6	7.0	6.9	6.1	6.0	6.8	6.7	5.6	7.6
* CHALLENGER	5.9	5.9	3.3	3.5	7.0	6.1	4.8	6.9	7.0	7.6	6.6	6.1	6.1	6.1
* MONOPOLY	5.8	5.4	6.0	4.7	6.3	6.0	6.1	6.9	6.0	5.1	6.6	6.8	5.4	6.5
* RUGBY	6.0	5.7	3.5	4.4	6.5	5.4	6.0	6.8	6.3	7.3	6.6	6.3	5.1	7.0
* CHERI	7.0	5.8	3.5	3.1	6.5	5.6	5.3	5.2	7.0	5.6	6.9	6.5	5.6	6.8
* SYDSPOUT	6.8	5.8	4.8	3.1	6.5	5.0	5.7	4.9	7.0	6.1	6.4	6.4	5.2	6.5
* CLASSIC	5.8	5.9	3.7	4.1	6.8	5.7	5.3	6.6	6.5	6.9	6.8	6.9	5.5	6.9
PST-CB1	.	5.8	3.9	4.2	6.5	6.1	5.5	6.6	6.6	6.8	7.0	6.8	5.8	6.7
* HAGA	5.9	5.8	5.1	3.5	6.8	6.2	4.6	6.9	6.5	7.0	6.4	6.8	5.3	6.7
BA 73-540	6.9	5.8	4.7	3.3	7.0	5.8	5.4	3.7	6.8	4.6	6.5	7.1	5.6	7.1
* MERIT	6.3	5.7	4.8	3.7	7.2	5.5	5.0	6.5	6.7	7.9	6.1	6.6	5.1	6.2
* BA 70-139 (COVENTRY)	6.9	5.8	4.0	2.9	6.5	5.3	6.5	4.2	7.0	4.2	6.6	6.9	5.2	6.9
* BA 72-492 (ESTATE)	7.0	5.8	4.7	3.0	6.3	5.4	5.4	5.5	6.4	5.3	6.3	6.5	4.6	7.2
* VICTA	6.6	5.6	4.6	3.9	6.0	4.8	5.5	6.5	6.8	7.3	6.7	6.6	5.4	6.3
BAR VB 534	6.0	5.2	3.8	3.6	6.8	5.4	5.1	6.8	.	5.7	6.4	7.0	4.4	6.7
* CYNTHIA	6.1	5.4	3.6	3.6	7.3	5.5	4.9	7.0	6.3	5.6	6.2	6.6	4.6	6.4
K1-152	5.9	5.8	4.5	3.6	6.8	5.6	5.4	5.7	6.5	7.0	6.8	6.6	5.5	6.7
* 239 (SUFFOLK)	5.7	5.9	4.3	4.1	6.7	5.8	5.6	6.2	6.5	7.2	6.4	6.8	5.4	6.7
BA 69-82	6.4	5.8	5.2	3.4	6.5	5.9	5.2	5.2	6.6	4.9	6.7	6.3	5.6	6.9
* BA 73-626 (KELLY)	6.2	5.5	4.7	3.7	5.0	5.0	5.7	6.6	6.6	7.1	6.5	6.6	5.3	6.3
* BARON	5.9	5.7	3.6	4.2	6.5	5.1	5.9	6.4	7.0	6.8	5.9	6.8	4.8	6.1
* GEORGETOWN	5.9	5.8	4.0	4.1	6.5	5.5	5.3	6.7	6.6	7.3	6.8	6.7	5.4	6.7
* RAM-1	6.3	5.8	2.7	3.5	8.3	4.9	4.3	5.4	6.9	5.4	6.2	6.3	5.6	6.9
* PARADE	5.8	5.6	4.8	3.8	7.2	5.9	5.4	6.2	6.5	7.6	6.7	6.6	5.8	6.6
NE 80-88	.	5.8	.	3.9	6.3	6.4	5.5	6.6	.	5.7	6.4	6.1	5.4	7.1
* DAWN	.	5.9	4.8	4.1	7.3	5.4	4.5	5.2	6.5	6.1	6.4	6.7	5.6	6.8
* JULIA	6.1	5.6	5.6	4.0	6.3	5.8	5.9	5.9	.	5.4	6.5	6.1	4.6	6.8

TABLE 1. (continued)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-EIGHT LOCATIONS IN THE UNITED STATES AND CANADA
1989 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF													
	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MI1	MO1
* LIBERTY	.	5.4	4.4	3.9	6.5	5.4	5.4	6.4	6.6	6.9	6.3	6.4	5.3	6.3
* BA 72-441 (ABBEY)	6.3	5.8	3.6	3.7	5.7	5.1	5.6	6.3	6.4	6.9	6.7	6.5	5.6	6.4
HV 97 (COCKTAIL)	6.2	5.8	2.7	2.9	8.5	5.3	6.0	5.3	6.1	5.9	6.2	6.8	5.1	6.5
* TENDOS	6.9	5.9	2.5	4.1	7.2	4.8	4.3	6.9	6.6	7.1	6.1	6.4	5.3	6.9
* AQUILA	5.8	5.5	3.4	4.6	6.5	5.0	5.0	6.7	.	4.7	6.5	7.1	5.1	6.9
BA 70-242	6.2	5.7	3.3	3.9	5.3	5.7	5.8	6.7	6.5	6.7	6.3	6.9	5.4	5.7
CONNI	.	5.6	1.7	3.3	7.5	4.8	5.1	5.6	.	5.1	6.3	6.5	5.0	5.5
K3-178	5.6	5.8	2.9	4.1	5.5	5.6	5.3	6.8	6.5	7.1	6.8	6.4	5.8	6.5
* IKONE	5.6	5.6	5.1	3.9	6.7	5.6	5.6	5.7	6.8	5.4	6.0	6.7	4.7	6.6
* MERION	6.0	5.7	3.1	3.6	6.2	5.8	4.7	6.7	6.6	7.3	6.8	5.6	5.2	6.3
WW AG 468	5.5	5.6	1.7	3.8	6.7	5.4	5.3	6.5	.	6.4	6.4	6.2	5.4	5.5
WW AG 491	5.8	5.5	5.0	3.8	7.2	5.6	5.0	5.9	.	5.1	6.9	6.3	5.0	6.2
* HARMONY	6.4	5.5	2.5	4.7	7.5	6.0	6.0	6.6	6.8	5.4	6.1	7.1	5.0	6.5
WW AG 495	5.3	5.7	5.1	3.9	7.3	5.8	5.4	4.9	.	5.1	6.4	6.7	4.6	6.1
BAR VB 577	5.5	5.9	2.5	3.6	6.3	4.8	4.6	6.7	6.7	5.7	6.0	5.6	5.0	6.6
* WELCOME	7.2	5.7	1.9	3.8	6.8	5.1	4.6	6.4	6.5	5.7	6.6	6.7	4.9	5.7
* GNCME	5.5	4.9	3.5	3.6	6.5	5.0	5.8	6.7	6.9	7.0	5.9	6.4	5.4	5.7
* NASSAU	5.7	5.6	2.5	3.9	6.5	5.3	5.0	6.3	7.0	7.1	6.1	6.1	5.2	6.1
* HUNTSVILLE	.	5.6	3.5	4.9	6.8	6.0	5.7	6.4	.	6.2	6.1	6.4	5.6	6.8
* AMAZON	6.2	5.3	1.7	3.5	7.8	5.3	5.1	4.8	.	6.8	6.0	7.1	4.7	6.4
* DESTINY	.	5.6	2.3	3.7	7.2	5.5	4.6	5.8	.	6.8	6.5	5.9	5.7	5.9
COMPACT	.	5.3	2.4	3.1	6.8	5.5	5.5	5.4	5.4	5.9	5.9	6.7	4.8	6.2
* BARZAN	6.0	5.6	3.3	3.4	7.3	4.7	5.5	6.8	6.6	6.2	6.0	6.7	4.7	5.9
ANNIKA	.	5.4	2.2	3.5	6.7	5.8	4.6	6.1	.	6.1	6.0	5.9	4.1	6.8
* JOY	5.3	5.0	5.5	5.3	7.0	5.5	5.5	6.3	5.6	5.0	5.4	6.2	5.2	6.7
* KENBLUE	4.9	4.7	3.7	5.2	6.5	6.2	5.4	5.7	5.4	5.3	5.6	6.3	5.0	5.9
* S.D. CERTIFIED	5.1	4.6	3.0	5.3	6.5	6.2	5.8	6.1	5.6	4.9	5.6	6.3	5.3	6.4
LSD VALUE	0.6	0.4	1.6	1.0	1.4	1.0	1.0	1.2	0.5	1.0	0.5	1.0	0.6	0.8

* COMMERCIALY AVAILABLE VARIETY

TABLE 1. (continued)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-EIGHT LOCATIONS IN THE UNITED STATES AND CANADA
1989 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF														
	NE1	NE2	NJ1	NJ2	OR1	PA1	PA2	RI1	SD1	UB1	VA1	VA3	WA1	WA4	MEAN
BLACKSBURG	5.4	4.8	7.7	7.5	7.2	6.1	7.8	8.2	7.4	7.9	5.8	4.8	7.8	5.2	6.5
P-104 (PRINCETON 104)	5.3	5.7	7.3	7.7	7.4	5.4	.	8.0	6.9	7.6	6.6	4.5	8.5	5.2	6.4
MIDNIGHT	6.0	5.6	7.5	6.8	7.3	4.6	5.8	7.4	7.4	7.8	6.0	5.7	7.2	2.8	6.3
ECLIPSE	6.1	5.3	6.8	6.6	6.9	4.9	6.5	7.7	7.3	7.7	6.1	5.0	7.3	5.0	6.3
AMERICA	5.2	4.9	6.7	6.1	6.3	5.9	5.6	7.3	7.6	7.7	5.9	5.2	7.2	6.8	6.2
ASSET	5.7	5.9	6.9	6.1	6.5	4.9	6.3	7.7	7.1	7.2	6.0	4.4	7.2	5.3	6.2
ASPEN	5.4	5.9	6.7	5.9	6.0	5.8	6.8	6.9	7.2	7.7	5.8	5.6	7.0	4.0	6.2
LOFTS 1757	5.2	4.5	7.1	7.0	6.3	5.0	5.6	7.4	7.0	7.7	6.3	4.9	7.0	4.8	6.1
A-34	5.5	6.3	5.8	5.6	6.3	5.1	6.3	7.6	6.2	7.0	5.8	5.1	6.7	5.5	6.1
ABLE I	5.1	5.9	7.0	6.4	6.6	5.1	7.3	7.7	7.3	7.7	5.1	4.3	7.5	5.5	6.1
F-1872 (FREEDOM)	6.9	5.5	6.0	5.1	5.4	5.0	.	5.9	7.1	6.8	5.8	5.4	6.8	5.5	6.1
GLADE	5.8	5.9	6.5	6.1	5.2	5.1	6.5	7.1	7.0	7.5	5.5	4.7	7.0	5.3	6.1
SOMERSET	5.7	5.5	6.4	5.3	5.5	6.1	6.7	7.3	7.1	6.8	5.5	3.8	6.8	6.8	6.0
BRISTOL	6.3	5.2	7.1	6.0	6.1	5.1	5.8	7.1	6.9	7.3	5.6	4.7	7.3	5.3	6.0
BA 72-500 (CHATEAU)	5.1	6.1	6.6	5.9	6.5	4.8	6.2	6.8	6.9	7.1	5.7	5.4	7.2	6.5	6.0
MYSTIC	6.7	6.1	4.4	5.5	4.5	5.6	7.2	7.6	7.5	7.3	5.1	4.8	6.8	6.5	6.0
WW AG 496	7.2	5.4	6.0	5.7	5.9	5.1	6.1	7.2	6.9	7.0	5.7	4.5	6.8	3.3	5.9
TRENTON	5.5	5.3	6.7	5.3	5.5	4.7	5.3	6.6	6.9	7.0	5.7	5.3	6.8	5.0	5.9
WABASH	5.6	5.9	4.2	5.0	4.8	6.0	4.3	7.2	7.5	6.7	5.9	4.7	5.5	5.7	5.9
CHALLENGER	5.5	5.5	6.8	5.6	6.4	4.2	5.5	6.4	7.1	7.0	5.2	4.7	7.3	5.8	5.9
MONOPOLY	5.7	5.4	5.8	5.2	5.3	4.7	6.2	7.1	6.6	5.9	5.9	5.8	6.5	5.3	5.9
RUGBY	6.8	5.1	6.5	5.1	5.4	4.9	4.9	6.3	7.0	6.9	6.0	5.4	6.8	5.0	5.9
CHERI	5.7	5.8	5.7	5.7	6.1	4.3	5.6	6.9	6.8	7.0	5.5	5.0	7.3	7.0	5.9
SYDSPOUT	5.0	6.0	6.0	5.7	6.4	4.8	5.7	6.2	6.9	7.1	5.6	5.8	7.2	6.0	5.9
CLASSIC	5.6	5.2	6.3	5.1	6.1	4.6	5.5	6.4	7.2	6.6	5.9	5.2	6.3	5.2	5.9
PST-CB1	4.9	4.9	6.1	5.2	5.9	4.8	.	6.9	6.5	6.7	5.6	4.9	6.8	5.0	5.9
HAGA	6.0	5.1	6.0	5.5	5.8	4.3	5.0	6.1	7.1	6.7	6.0	5.5	6.3	5.2	5.9
BA 73-540	5.6	6.3	5.8	5.4	6.7	4.4	6.1	6.8	6.8	7.4	5.5	4.8	7.3	4.5	5.8
MERIT	6.7	5.1	6.5	5.3	5.4	5.6	5.8	6.7	6.9	6.6	5.3	4.4	7.2	2.8	5.8
BA 70-139 (COVENTRY)	5.3	6.5	5.9	5.1	6.4	5.2	5.3	6.7	6.9	7.1	5.8	5.8	6.7	6.0	5.8
BA 72-492 (ESTATE)	5.2	6.5	6.3	5.2	6.6	4.6	5.6	7.2	6.9	7.3	5.3	5.4	7.3	4.3	5.8
VICTA	4.7	5.7	5.9	5.3	5.2	5.2	5.8	7.0	6.9	7.0	5.7	4.9	7.3	3.8	5.8
BAR VB 534	7.0	5.2	5.5	5.5	5.2	5.3	6.3	7.8	7.5	7.4	5.6	4.7	5.3	5.8	5.8
CYNTHIA	5.2	4.7	5.8	5.8	5.7	5.8	5.7	7.4	7.2	7.5	5.5	4.3	6.0	7.2	5.8
K1-152	5.7	5.1	6.0	5.3	5.0	5.1	5.9	6.3	6.7	7.1	5.9	5.1	7.3	3.7	5.8
239 (SUFFOLK)	5.8	4.8	6.1	5.3	5.6	4.7	4.8	6.5	6.8	6.9	5.8	5.6	6.7	3.8	5.8
BA 69-82	5.3	5.3	5.5	5.3	6.0	4.0	5.9	7.0	7.1	7.3	5.8	5.2	6.7	5.3	5.8
BA 73-626 (KELLY)	6.5	5.2	6.8	4.9	5.6	4.2	5.4	6.8	6.6	6.6	5.5	5.0	7.2	5.3	5.8
BARON	6.6	5.2	6.0	5.2	5.4	5.3	6.0	6.5	7.1	6.8	5.2	5.0	6.7	4.8	5.8
GEORGETOWN	5.5	5.0	6.1	5.5	5.5	4.1	5.4	5.9	7.1	6.6	5.3	4.8	7.0	5.2	5.8
RAM-1	7.0	5.2	6.0	6.3	5.7	4.9	5.3	6.3	7.3	6.8	5.7	3.4	7.0	6.3	5.8
PARADE	6.7	4.7	5.6	5.3	4.6	4.2	4.3	5.9	7.2	6.9	5.2	5.1	6.0	5.5	5.8
NE 80-88	5.9	5.7	5.2	5.3	5.4	4.3	.	6.5	7.2	6.1	5.1	3.6	6.5	.	5.7
DAWN	5.6	4.6	6.6	5.1	6.5	4.2	5.3	6.2	7.3	7.3	5.5	5.3	7.0	3.3	5.7
JULIA	4.2	5.5	6.8	6.3	6.7	3.2	5.3	6.3	7.2	7.3	5.4	5.1	6.5	4.3	5.7

TABLE 1. (continued)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-EIGHT LOCATIONS IN THE UNITED STATES AND CANADA
1989 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF														
	NE1	NE2	NJ1	NJ2	OR1	PA1	PA2	RI1	SD1	UB1	VA1	VA3	WA1	WA4	MEAN
LIBERTY	4.5	5.1	6.0	5.2	6.2	4.1	.	6.9	6.6	6.7	5.7	5.0	7.0	4.3	5.7
BA 72-441 (ABBAY)	6.0	4.9	6.2	5.4	5.5	4.7	5.9	6.4	6.9	6.8	6.0	4.6	7.0	2.7	5.7
HV 97 (COCKTAIL)	6.4	5.8	5.4	4.7	6.1	3.3	4.6	5.6	7.2	7.4	4.9	4.7	6.8	7.3	5.7
TENDOS	5.8	5.8	6.1	5.5	6.5	4.2	.	4.7	7.0	5.7	5.5	4.2	6.7	5.0	5.7
AQUILA	5.8	5.7	5.2	5.4	5.2	5.2	4.8	6.8	7.0	7.4	5.2	5.4	6.3	5.7	5.7
BA 70-242	4.8	4.6	6.5	4.5	5.4	4.6	5.8	6.9	6.7	6.9	5.7	4.4	7.3	5.2	5.7
CONNI	4.7	5.1	6.3	5.0	6.6	5.6	.	7.9	7.0	7.1	5.0	4.6	7.2	7.3	5.6
K3-178	4.8	5.3	5.9	5.0	5.4	4.1	5.0	6.0	7.1	6.5	5.9	5.2	7.2	4.0	5.6
IKONE	4.5	5.6	6.5	6.4	5.9	3.8	4.9	5.9	6.9	7.0	5.3	4.8	6.3	4.0	5.6
MERION	5.9	5.0	6.0	5.4	5.7	4.4	6.5	7.4	6.9	6.1	5.6	3.5	6.5	3.3	5.6
WW AG 468	6.7	5.2	6.0	4.3	5.0	4.8	6.8	7.3	7.0	7.2	5.2	2.9	7.3	6.0	5.6
WW AG 491	5.0	5.9	5.2	4.4	5.2	5.7	5.7	6.7	6.8	6.9	5.4	5.0	6.5	4.5	5.6
HARMONY	6.8	5.2	4.0	3.1	4.4	5.1	5.7	6.9	6.5	5.7	5.4	4.1	6.5	4.8	5.6
WW AG 495	5.9	5.7	7.0	5.3	5.2	4.2	5.4	6.1	7.2	7.0	5.2	4.0	6.3	3.8	5.6
BAR VB 577	5.9	5.5	6.6	4.9	5.9	5.7	5.0	5.7	7.0	6.8	5.0	3.9	6.8	5.5	5.6
WELCOME	4.8	5.6	4.8	4.9	5.3	5.7	6.8	6.2	7.6	6.1	5.5	4.2	6.5	3.5	5.5
GNOME	4.7	4.9	5.8	5.2	5.2	4.3	.	6.8	6.9	6.5	5.5	3.7	7.5	3.3	5.5
NASSAU	5.3	4.6	6.2	5.5	6.1	3.6	5.1	5.6	6.7	6.8	4.9	4.1	6.8	4.5	5.5
HUNTSVILLE	4.7	5.3	4.4	4.6	5.1	4.9	.	6.7	7.1	6.4	5.3	3.5	6.5	2.3	5.5
AMAZON	4.8	5.1	5.5	5.3	5.6	4.9	3.4	4.9	7.5	7.7	5.5	4.4	6.2	5.7	5.5
DESTINY	4.8	5.3	6.0	4.6	5.5	3.8	.	5.8	6.8	6.7	5.1	4.1	7.0	4.8	5.4
COMPACT	6.3	5.4	4.3	4.1	5.0	5.4	.	6.0	6.8	6.0	5.3	3.9	7.0	6.5	5.4
BARZAN	4.1	5.3	4.9	4.8	5.2	4.8	.	5.7	6.8	4.9	4.9	3.8	6.8	5.5	5.4
ANNIKA	6.0	5.9	5.2	4.9	5.1	4.4	.	5.2	7.1	6.0	4.9	3.2	6.3	5.2	5.3
JOY	4.5	5.1	3.2	3.3	4.2	4.7	4.5	5.0	6.8	4.6	5.0	4.4	5.3	5.3	5.2
KENBLUE	5.9	5.3	3.1	2.8	5.1	5.0	3.9	5.7	7.1	4.5	5.0	4.6	5.2	5.3	5.2
S.D. CERTIFIED	5.3	5.7	3.8	3.2	4.8	4.8	3.9	4.9	7.2	4.8	4.7	4.1	5.7	4.5	5.1
LSD VALUE	1.1	1.0	0.8	1.1	0.7	1.2	1.1	1.0	0.4	0.6	0.8	0.9	0.8	2.9	0.2

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).

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN AT TWENTY-EIGHT LOCATIONS IN THE U. S. AND CANADA 1989 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BLACKSBURG	6.1	5.5	5.2	6.6	6.5	6.8	6.8	6.8	6.5	6.4	6.9	6.3	6.5
P-104 (PRINCETON 104)	5.7	5.8	5.6	6.3	6.3	6.7	6.8	6.6	6.2	6.2	7.1	6.6	6.4
MIDNIGHT	5.3	4.5	4.5	6.6	6.6	7.0	6.7	6.4	6.3	6.5	6.8	5.5	6.3
ECLIPSE	5.2	5.0	5.5	6.5	6.4	6.8	6.6	6.1	6.3	6.1	6.3	5.8	6.3
AMERICA	5.2	5.0	5.3	6.6	6.3	6.4	6.2	6.0	6.3	6.0	6.3	6.0	6.2
ASSET	5.7	5.7	5.7	6.4	6.6	6.4	6.2	5.7	6.2	6.0	6.6	6.3	6.2
ASPEN	5.4	5.2	5.9	6.3	6.4	6.3	6.1	6.0	6.0	6.3	6.4	5.5	6.2
LOFTS 1757	5.6	5.5	5.6	6.5	6.2	6.2	6.3	6.1	6.1	6.1	6.8	6.3	6.1
A-34	5.2	5.0	5.9	6.3	6.2	6.3	6.1	5.8	6.2	6.1	6.2	5.6	6.1
ABLE I	5.0	5.2	4.7	6.1	6.4	6.6	6.2	6.0	6.0	6.0	6.4	5.5	6.1
F-1872 (FREEDOM)	5.7	5.0	5.7	6.3	6.2	6.2	5.8	5.6	5.8	6.4	6.4	5.4	6.1
GLADE	5.0	4.3	4.9	6.1	6.2	6.6	6.2	5.9	5.9	6.0	6.3	5.4	6.1
SOMERSET	4.4	5.2	5.5	5.8	5.8	6.2	6.0	5.9	6.0	5.9	6.1	6.2	6.0
BRISTOL	5.6	5.5	5.4	6.2	5.9	6.2	6.0	6.0	6.1	6.0	6.4	6.3	6.0
BA 72-500 (CHATEAU)	5.0	5.3	5.1	6.3	6.4	6.3	6.0	5.7	5.8	6.1	6.4	5.8	6.0
MYSTIC	3.8	4.3	5.5	5.6	5.7	6.3	6.4	5.8	6.2	5.4	5.6	4.8	6.0
WW AG 496	5.1	5.2	5.1	6.4	6.3	6.3	5.8	5.9	6.1	5.7	5.8	5.0	5.9
TRENTON	5.4	5.2	5.4	6.1	6.0	6.1	5.8	5.6	5.7	6.3	6.4	5.8	5.9
WABASH	4.7	5.3	5.4	5.1	5.2	5.9	6.3	6.2	6.4	6.3	6.0	5.4	5.9
CHALLENGER	5.3	5.5	5.0	6.1	6.1	6.4	6.0	5.8	5.7	5.7	6.1	6.4	5.9
MONOPOLY	5.1	5.2	5.8	6.4	6.1	6.0	5.8	5.6	6.0	5.5	6.1	5.6	5.9
RUGBY	5.1	5.5	5.6	6.0	6.0	6.0	5.8	5.6	5.8	6.1	6.3	5.3	5.9
SYDSPORT	5.2	5.2	4.7	6.4	6.4	6.2	6.0	5.6	5.7	5.7	6.3	5.6	5.9
CHERI	5.2	5.5	4.6	6.3	6.2	6.1	6.0	5.6	5.8	5.8	6.3	6.1	5.9
CLASSIC	5.7	5.5	6.1	6.3	6.0	6.0	5.8	5.6	5.7	5.9	6.4	5.7	5.9
PST-CB1	5.8	5.5	5.7	6.3	5.8	6.2	5.7	5.4	5.8	6.2	6.1	5.9	5.9
HAGA	5.1	4.8	5.8	6.2	6.1	6.2	5.7	5.3	5.8	6.0	6.2	5.5	5.9
BA 73-540	5.8	5.2	4.9	6.2	6.2	6.2	5.9	5.5	5.8	6.0	6.4	5.3	5.8
MERIT	5.1	5.2	4.6	5.8	5.8	6.4	6.0	5.8	6.0	5.5	5.9	5.0	5.8
BA 70-139 (COVENTRY)	5.4	5.3	4.9	6.7	6.3	6.1	5.8	5.5	5.7	5.9	6.1	5.7	5.8
BA 72-492 (ESTATE)	5.3	5.5	5.0	6.4	6.3	6.2	5.8	5.6	5.7	6.0	6.2	5.2	5.8
VICTA	5.1	4.3	4.9	6.1	5.9	6.1	6.2	5.7	5.7	5.6	6.0	5.1	5.8
BAR VB 534	5.1	5.5	4.8	5.7	5.9	6.1	6.0	5.7	5.9	5.5	5.8	5.2	5.8
CYNTHIA	5.6	5.0	5.1	5.7	5.8	6.1	5.9	5.6	5.8	5.6	5.9	5.9	5.8
BA 69-82	5.0	4.8	4.9	6.3	6.1	6.1	5.9	5.6	5.7	6.0	6.1	5.2	5.8
K1-152	4.9	5.2	5.7	6.0	6.0	6.0	5.7	5.4	5.6	6.0	6.2	5.1	5.8
239 (SUFFOLK)	5.0	5.0	6.1	5.9	6.0	6.0	5.6	5.4	5.7	6.1	6.3	5.5	5.8
BA 73-626 (KELLY)	5.1	4.3	5.1	6.1	6.1	6.3	6.1	5.5	5.6	5.4	5.9	5.1	5.8
BARON	5.1	4.8	4.4	6.1	5.8	6.1	5.9	5.9	5.8	5.4	5.8	5.4	5.8
GEORGETOWN	5.0	5.3	5.5	6.1	5.9	6.0	5.8	5.4	5.6	5.9	6.0	5.4	5.8
RAM-1	5.1	5.0	5.2	5.6	5.6	6.2	5.8	5.5	5.4	5.8	6.3	6.0	5.8
PARADE	4.9	4.8	5.6	6.0	5.9	6.0	5.6	5.2	5.8	5.9	6.0	5.0	5.8
NE 80-88	5.7	5.5	5.3	5.6	5.3	5.9	6.0	5.8	6.0	5.9	5.5	5.2	5.7
DAWN	6.5	5.2	5.5	6.3	6.2	6.2	5.6	5.1	5.4	6.0	6.1	5.4	5.7
LIBERTY	6.0	4.7	5.1	5.9	6.0	6.3	5.8	5.4	5.7	5.6	5.9	5.0	5.7

TABLE 2.
(continued)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR
EACH MONTH GROWN AT TWENTY-EIGHT LOCATIONS IN THE U. S. AND CANADA
1989 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
JULIA	5.4	5.3	5.4	6.1	6.1	6.1	5.8	5.5	5.7	5.9	6.2	5.7	5.7
BA 72-441 (ABBEY)	4.8	5.2	4.9	6.0	6.1	6.2	5.9	5.6	5.7	5.5	5.9	4.8	5.7
HV 97 (COCKTAIL)	5.4	5.3	5.1	5.9	5.8	6.0	5.7	5.3	5.3	5.5	5.9	6.7	5.7
TENDOS	5.7	5.8	5.1	5.9	5.9	6.2	5.7	5.6	5.2	5.6	5.8	6.3	5.7
AQUILA	5.1	4.8	5.5	5.7	5.5	6.0	5.7	5.4	5.6	5.9	6.1	5.8	5.7
BA 70-242	5.1	4.8	5.0	6.1	5.8	6.1	6.0	5.6	5.6	5.5	5.7	5.3	5.7
IKONE	5.0	5.2	5.1	5.8	5.9	6.0	5.8	5.6	5.7	5.8	6.1	5.3	5.7
CONNI	5.5	5.3	4.8	6.0	5.7	5.8	5.7	5.5	5.2	5.6	5.9	6.6	5.6
K3-178	4.8	5.2	5.8	6.2	5.9	5.9	5.6	5.3	5.6	5.7	5.9	5.2	5.6
WW AG 491	4.7	4.2	5.2	5.7	5.9	6.1	5.5	5.2	5.5	5.6	5.6	4.8	5.6
MERION	5.1	5.5	5.0	5.6	5.7	6.3	5.9	5.9	5.7	5.1	5.2	5.3	5.6
WW AG 468	4.2	5.2	4.2	5.7	5.9	5.9	5.8	5.7	5.7	5.1	5.0	4.8	5.6
HARMONY	5.1	5.2	4.4	5.3	5.4	5.9	5.9	5.7	5.6	5.2	5.3	5.4	5.6
WW AG 495	4.8	5.2	5.0	5.9	5.8	6.0	5.6	5.4	5.6	5.5	5.6	4.8	5.6
BAR VB 577	5.0	4.5	5.6	5.9	5.6	6.0	5.6	5.1	5.2	5.5	5.7	5.8	5.6
WELCOME	5.2	5.2	4.7	5.8	5.6	6.0	5.8	5.3	5.4	5.4	5.8	5.3	5.5
GNOME	4.7	4.5	4.3	5.6	5.4	6.0	6.0	5.7	5.5	5.2	5.5	4.6	5.5
NASSAU	5.8	5.8	5.4	6.0	5.5	5.9	5.5	5.3	5.4	5.4	5.4	5.8	5.5
HUNTSVILLE	5.7	5.0	5.0	4.8	5.2	5.8	5.8	5.8	5.8	5.6	5.5	4.3	5.5
AMAZON	4.0	4.3	4.8	5.6	5.6	6.1	5.7	5.3	4.9	5.5	5.5	4.9	5.5
DESTINY	6.0	5.3	4.9	5.6	5.5	5.7	5.5	5.4	5.1	5.3	5.4	5.7	5.4
COMPACT	5.7	5.5	4.5	5.0	5.1	5.6	5.7	5.2	5.3	5.2	5.2	5.3	5.4
BARZAN	5.3	6.2	4.2	5.0	4.8	5.4	5.8	5.5	5.5	5.5	5.9	5.8	5.4
ANNIKA	5.0	5.2	4.6	5.4	5.4	5.8	5.4	5.0	4.8	5.3	4.9	5.0	5.3
JOY	4.6	4.5	5.7	4.8	4.6	5.1	5.3	5.2	5.4	5.2	4.8	5.0	5.2
KENBLUE	5.0	4.7	5.5	4.5	4.5	5.1	5.3	5.4	5.4	5.2	4.9	4.9	5.2
S.D. CERTIFIED	4.6	4.5	5.4	5.0	4.5	5.1	5.2	5.5	5.4	5.1	4.8	5.2	5.1
LSD VALUE	1.0	1.0	0.7	0.6	0.4	0.4	0.5	0.5	0.5	0.7	0.6	1.1	0.4

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).

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
CULTIVARS AT TWENTY-EIGHT LOCATIONS IN THE U. S. AND CANADA 1/
1989 DATA

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

NAME	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MI1	MO1
BLACKSBURG	7.0	35.5	70.0	56.5	3.5	3.0	2.0	1.5	3.0	4.0	2.0	6.0	24.5	3.0
P-104 (PRINCETON 104)	9.0	61.0	63.0	50.0	5.5	11.5	25.0	8.0	17.0	2.0	31.5	2.0	1.0	3.0
MIDNIGHT	25.5	1.0	27.0	62.0	20.0	18.0	33.5	1.5	1.0	1.0	7.5	3.0	5.0	11.0
ECLIPSE	15.5	32.5	46.5	18.5	20.0	8.0	42.5	13.5	22.0	8.0	9.5	13.0	2.5	55.0
AMERICA	59.0	35.5	14.0	33.0	5.5	38.5	5.0	13.5	4.0	5.5	3.5	13.0	42.5	64.5
ASSET	17.5	13.5	3.5	59.0	34.0	42.5	63.0	3.0	22.0	39.0	1.0	45.0	2.5	26.0
ASPEN	47.0	3.0	34.5	15.0	20.0	20.0	46.0	15.5	14.0	10.5	3.5	60.5	10.5	31.5
LOFTS 1757	21.0	13.5	30.0	7.5	27.0	48.0	48.5	22.0	7.5	3.0	30.0	9.0	6.0	55.0
A-34	13.0	42.0	6.0	25.5	12.0	4.0	13.5	26.5	51.0	36.5	34.0	4.0	62.0	11.0
ABLE I	50.5	28.0	52.5	12.0	12.0	16.5	59.5	8.0	14.0	45.5	12.0	19.0	40.0	47.5
F-1872 (FREEDOM)	.	50.5	.	4.0	34.0	8.0	25.0	50.0	.	14.5	44.5	13.0	10.5	3.0
GLADE	12.0	13.5	2.0	44.0	20.0	71.5	57.0	19.0	24.5	27.5	7.5	49.5	20.5	16.0
SOMERSET	43.0	28.0	48.5	10.5	41.0	22.5	46.0	4.5	46.0	30.5	5.0	53.0	37.0	11.0
BRISTOL	39.0	2.0	39.5	44.0	67.5	57.0	38.0	31.0	2.0	10.5	39.5	22.5	10.5	31.5
BA 72-500 (CHATEAU)	10.0	23.5	32.5	65.0	27.0	57.0	13.5	48.5	10.5	61.0	52.0	41.0	57.5	6.0
MYSTIC	62.0	66.0	23.5	37.0	65.0	1.0	13.5	26.5	48.0	49.0	12.0	1.0	29.0	39.5
WW AG 496	27.0	54.5	12.5	25.5	51.0	13.5	4.0	59.0	.	27.5	49.5	13.0	54.5	11.0
TRENTON	29.0	50.5	20.0	25.5	12.0	8.0	50.5	35.0	50.0	14.5	18.0	22.5	24.5	55.0
WABASH	56.0	70.0	1.0	7.5	65.0	2.0	1.0	8.0	52.5	45.5	14.5	32.0	16.0	1.0
CHALLENGER	39.0	8.5	48.5	54.5	27.0	15.0	62.0	8.0	7.5	8.0	28.0	65.0	4.0	61.5
MONOPOLY	41.5	60.0	3.5	7.5	61.0	16.5	6.0	11.5	54.0	64.5	25.5	25.5	29.0	39.5
RUGBY	33.0	32.5	42.0	13.0	51.0	51.5	8.0	19.0	48.0	14.5	28.0	62.0	51.0	11.0
CHERI	3.0	13.5	44.5	67.5	51.0	34.5	42.5	65.0	5.5	54.0	9.5	45.0	16.0	23.0
SYDSPORT	8.0	13.5	16.5	69.0	51.0	62.0	19.5	68.0	5.5	42.5	44.5	49.5	45.0	42.5
CLASSIC	44.0	8.5	37.0	18.5	34.0	31.0	48.5	31.0	37.5	27.5	18.0	18.0	24.5	16.0
PST-CB1	.	28.0	32.5	15.0	51.0	13.5	27.5	35.0	29.0	35.0	6.0	25.5	7.0	31.5
HAGA	36.5	19.0	11.0	59.0	34.0	8.0	66.5	8.0	35.5	24.0	44.5	20.5	40.0	31.5
BA 73-540	4.0	23.5	20.0	65.0	27.0	29.0	33.5	72.0	18.5	71.0	36.5	6.0	20.5	7.5
MERIT	17.5	35.5	16.5	44.0	20.0	42.5	55.0	38.0	24.5	5.5	58.5	38.5	49.0	58.0
BA 70-139 (COVENTRY)	6.0	23.5	30.0	71.5	51.0	55.0	3.0	71.0	10.5	72.0	25.5	16.0	47.5	19.5
BA 72-492 (ESTATE)	2.0	13.5	20.0	70.0	61.0	48.0	38.0	61.0	44.5	61.0	53.0	45.0	68.5	5.0
VICTA	11.0	47.0	23.5	33.0	67.5	68.0	27.5	38.0	18.5	14.5	23.5	41.0	33.5	51.0
BAR VB 534	34.0	67.0	34.5	50.0	34.0	48.0	53.5	15.5	.	51.5	39.5	13.0	71.0	31.5
CYNTHIA	28.0	62.5	39.5	50.0	12.0	42.5	61.0	4.5	48.0	55.0	55.5	41.0	68.5	45.0
K1-152	39.0	28.0	25.0	50.0	34.0	34.5	38.0	56.5	41.0	24.0	18.0	36.5	24.5	27.0
239 (SUFFOLK)	48.5	5.5	28.0	22.5	41.0	25.5	22.5	48.5	41.0	18.0	44.5	25.5	29.0	31.5
BA 69-82	15.5	19.0	8.0	62.0	51.0	24.0	50.5	66.0	29.0	68.5	21.5	57.5	16.0	16.0
BA 73-626 (KELLY)	22.5	57.0	22.0	41.5	72.0	64.5	18.0	35.0	29.0	19.0	34.0	36.5	40.0	51.0
BARON	35.0	39.0	39.5	15.0	51.0	59.5	11.0	42.0	10.5	33.0	69.0	20.5	63.0	60.0
GEORGETOWN	36.5	28.0	30.0	18.5	51.0	42.5	42.5	26.5	33.0	14.5	18.0	34.5	33.5	31.5
RAM-1	19.0	19.0	56.5	54.5	2.0	66.0	72.0	62.5	14.0	58.0	55.5	57.5	20.5	16.0
PARADE	45.5	47.0	16.5	37.0	20.0	22.5	38.0	47.0	41.0	8.0	23.5	38.5	10.5	38.0
NE 80-88	.	13.5	.	30.0	61.0	5.0	25.0	31.0	.	51.5	39.5	66.0	29.0	7.5
DAWN	.	5.5	16.5	21.0	12.0	48.0	70.0	67.0	37.5	42.5	39.5	29.0	16.0	23.0
JULIA	30.0	47.0	5.0	25.5	61.0	29.0	10.0	53.5	.	58.0	36.5	67.0	68.5	23.0

TABLE 3. (continued)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
CULTIVARS AT TWENTY-EIGHT LOCATIONS IN THE U. S. AND CANADA
1989 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS1	KS2	KY1	MD1	MI1	MO1
LIBERTY	.	59.0	26.0	28.0	51.0	51.5	33.5	42.0	33.0	27.5	49.5	49.5	42.5	51.0
BA 72-441 (ABBEY)	20.0	21.0	39.5	46.0	69.0	61.0	21.0	44.5	44.5	30.5	21.5	45.0	16.0	47.5
HV 97 (COCKTAIL)	22.5	23.5	56.5	71.5	1.0	57.0	8.0	64.0	52.5	48.0	54.0	25.5	51.0	42.5
TENDOS	5.0	5.5	61.0	18.5	20.0	68.0	71.0	11.5	33.0	21.0	58.5	53.0	37.0	19.5
AQUILA	41.5	54.5	46.5	10.5	51.0	64.5	59.5	26.5	.	70.0	34.0	9.0	51.0	16.0
BA 70-242	24.0	39.0	50.5	30.0	71.0	32.0	17.0	22.0	41.0	36.5	49.5	17.0	29.0	68.5
CONNI	.	53.0	68.5	65.0	7.5	70.0	53.5	60.0	.	64.5	49.5	45.0	57.5	71.0
K3-178	52.0	13.5	55.0	22.5	70.0	34.5	46.0	17.0	41.0	21.0	14.5	53.0	8.0	42.5
IKONE	50.5	47.0	9.5	30.0	41.0	34.5	22.5	56.5	20.0	58.0	62.0	29.0	65.5	36.5
MERION	31.5	39.0	52.5	50.0	65.0	29.0	64.0	22.0	29.0	14.5	18.0	71.5	45.0	53.0
WW AG 468	54.5	47.0	68.5	39.5	41.0	48.0	42.5	38.0	.	38.0	44.5	64.0	33.5	72.0
WW AG 491	45.5	58.0	12.5	37.0	20.0	37.0	57.0	53.5	.	64.5	12.0	60.5	54.5	58.0
HARMONY	14.0	56.0	58.0	7.5	7.5	20.0	8.0	33.0	22.0	56.0	58.5	6.0	57.5	42.5
WW AG 495	58.0	31.0	9.5	33.0	12.0	27.0	33.5	69.0	.	64.5	44.5	34.5	68.5	63.0
BAR VB 577	54.5	5.5	59.5	50.0	61.0	68.0	66.5	26.5	26.0	51.5	64.0	71.5	57.5	36.5
WELCOME	1.0	35.5	66.0	39.5	34.0	59.5	66.5	42.0	35.5	51.5	28.0	29.0	60.0	68.5
GNOME	53.0	69.0	44.5	50.0	51.0	63.0	16.0	26.5	16.0	24.0	67.5	49.5	33.5	70.0
NASSAU	48.5	42.0	59.5	35.0	51.0	53.5	57.0	44.5	10.5	21.0	61.0	68.0	47.5	61.5
HUNTSVILLE	.	42.0	43.0	5.0	34.0	20.0	19.5	40.0	.	40.5	58.5	55.0	20.5	23.0
AMAZON	25.5	64.0	67.0	56.5	3.5	53.5	52.0	70.0	.	33.0	64.0	9.0	64.0	47.5
DESTINY	.	44.0	64.0	41.5	20.0	42.5	66.5	55.0	.	33.0	31.5	69.5	13.0	66.5
COMPACT	.	65.0	62.0	67.5	34.0	42.5	30.0	62.5	58.0	47.0	67.5	32.0	61.0	58.0
BARZAN	31.5	52.0	50.5	62.0	12.0	71.5	30.0	19.0	29.0	40.5	64.0	32.0	65.5	66.5
ANNIKA	.	62.5	65.0	59.0	41.0	25.5	69.0	52.0	.	44.0	66.0	69.5	72.0	23.0
JOY	57.0	68.0	7.0	2.0	27.0	38.5	30.0	46.0	56.0	67.0	72.0	63.0	45.0	31.5
KENBLUE	61.0	71.0	36.0	3.0	51.0	8.0	38.0	58.0	57.0	61.0	70.5	57.5	53.0	64.5
S.D. CERTIFIED	60.0	72.0	54.0	1.0	51.0	11.5	13.5	51.0	55.0	68.5	70.5	57.5	37.0	47.5

1/ THIS TABLE CONTAINS NO STATISTICAL VALUE (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. (continued)

 RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
 CULTIVARS AT TWENTY-EIGHT LOCATIONS IN THE U. S. AND CANADA
 1989 DATA

NAME	QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING														MEAN
	NE1	NE2	NJ1	NJ2	OR1	PA1	PA2	RI1	SD1	UB1	VA1	VA3	WA1	WA4	
BLACKSBURG	43.5	65.5	1.0	2.0	3.0	1.5	1.0	1.0	7.0	1.0	21.0	32.0	2.0	36.0	1
P-104 (PRINCETON 104)	46.0	20.5	3.0	1.0	1.0	13.5	.	2.0	53.0	9.0	1.0	46.5	1.0	36.0	2
MIDNIGHT	18.5	25.0	2.0	4.0	2.0	47.5	22.5	11.0	8.0	2.0	4.5	4.0	19.0	68.5	3
ECLIPSE	16.0	40.0	9.5	5.0	4.0	34.0	9.0	5.5	9.0	4.5	3.0	25.5	9.5	42.0	4
AMERICA	51.5	64.0	14.5	11.5	18.0	4.0	32.5	14.0	1.0	4.5	13.5	15.5	19.0	5.5	5
ASSET	32.0	11.0	8.0	11.5	11.0	31.0	11.0	7.0	24.5	22.0	7.0	52.0	19.0	28.5	6
ASPEN	43.5	9.0	13.0	14.5	26.5	5.5	5.0	25.0	14.0	4.5	16.0	5.5	28.5	57.0	7
LOFTS 1757	51.5	72.0	4.5	3.0	19.0	28.0	32.5	10.0	37.5	4.5	2.0	30.0	28.5	46.5	8
A-34	40.5	3.5	52.0	20.5	17.0	23.5	12.5	8.5	72.0	33.0	19.0	20.0	47.5	21.5	9
ABLE I	54.5	14.0	6.5	6.0	9.0	20.0	2.0	5.5	11.0	7.5	62.0	53.0	3.5	21.5	10
F-1872 (FREEDOM)	4.0	28.0	37.5	52.5	47.5	28.0	.	59.5	24.5	43.0	16.0	8.0	39.0	21.5	11
GLADE	28.5	12.5	22.5	10.0	58.0	23.5	9.0	20.0	37.5	11.0	37.5	41.0	28.5	28.5	12
SOMERSET	32.0	28.0	24.0	40.5	40.5	1.5	7.0	15.5	24.5	46.0	42.5	65.0	39.0	5.5	13
BRISTOL	15.0	46.0	4.5	13.0	24.0	23.5	25.0	21.5	46.0	19.5	31.5	37.5	9.5	28.5	14
BA 72-500 (CHATEAU)	54.5	6.0	17.0	14.5	10.0	38.5	14.5	31.5	46.0	24.5	26.0	11.0	19.0	8.0	15
MYSTIC	8.5	5.0	66.0	25.0	70.0	10.5	3.0	8.5	4.5	16.5	62.0	33.0	39.0	8.0	16
WW AG 496	1.0	33.0	35.0	17.5	29.0	23.5	16.5	17.0	46.0	33.0	26.0	46.5	39.0	65.5	17
TRENTON	40.5	36.0	14.5	37.5	40.5	44.0	40.5	40.0	53.0	33.0	26.0	13.0	39.0	42.0	18
WABASH	36.5	9.0	68.0	56.0	68.0	3.0	55.5	18.5	4.5	50.0	13.5	37.5	69.0	17.0	19
CHALLENGER	40.5	30.5	11.5	20.5	16.0	62.5	35.5	45.0	32.0	33.0	55.0	41.0	9.5	14.5	20
MONOPOLY	32.0	33.0	50.0	46.5	51.0	44.0	14.5	21.5	67.5	66.0	10.5	3.0	54.5	28.5	21
RUGBY	6.0	52.0	20.0	50.0	47.5	34.0	49.5	47.5	37.5	40.0	4.5	11.0	39.0	42.0	22
CHERI	32.0	16.0	53.0	19.0	22.5	55.5	32.5	27.5	60.5	30.0	37.5	25.5	9.5	4.0	23
SYDSPORT	56.5	7.0	41.5	17.5	14.5	38.5	28.5	52.0	46.0	27.5	31.5	1.0	19.0	12.0	24
CLASSIC	36.5	46.0	27.0	50.0	25.0	49.0	35.5	45.0	16.0	56.0	10.5	17.5	61.5	36.0	25
PST-CB1	58.0	62.0	30.5	46.5	30.0	38.5	.	27.5	70.5	52.5	29.0	31.0	39.0	42.0	26
HAGA	18.5	52.0	41.5	22.5	32.0	55.5	47.0	54.0	28.5	50.0	7.0	7.0	61.5	36.0	27
BA 73-540	36.5	3.5	50.0	29.0	6.0	52.0	16.5	31.5	57.5	12.5	37.5	35.0	9.5	50.5	28
MERIT	8.5	54.5	22.5	34.0	47.5	10.5	25.0	37.5	46.0	56.0	49.5	48.5	19.0	68.5	29
BA 70-139 (COVENTRY)	48.5	1.0	47.0	52.5	14.5	18.0	40.5	37.5	53.0	24.5	19.0	2.0	47.5	12.0	30
BA 72-492 (ESTATE)	51.5	2.0	25.5	46.5	8.0	50.0	32.5	18.5	46.0	19.5	49.5	11.0	9.5	54.0	31
VICTA	65.5	20.5	45.5	40.5	58.0	18.0	22.5	23.5	46.0	33.0	26.0	29.0	9.5	60.0	32
BAR VB 534	2.5	46.0	56.5	25.0	53.5	15.5	12.5	4.0	4.5	14.0	31.5	41.0	70.5	14.5	33
CYNTHIA	51.5	67.0	50.0	16.0	33.0	5.5	28.5	12.5	19.0	10.0	42.5	54.0	66.5	3.0	34
K1-152	32.0	54.5	41.5	40.5	65.0	23.5	20.0	49.5	65.5	27.5	10.5	20.0	9.5	62.0	35
239 (SUFFOLK)	26.5	65.5	30.5	34.0	36.0	44.0	51.0	42.0	60.5	37.0	19.0	5.5	47.5	60.0	36
BA 69-82	48.5	40.0	55.0	34.0	26.5	67.0	20.0	23.5	32.0	16.5	16.0	15.5	47.5	28.5	37
BA 73-626 (KELLY)	12.0	46.0	11.5	58.0	37.0	59.5	38.0	34.0	69.0	56.0	37.5	25.5	19.0	28.5	38
BARON	11.0	46.0	37.5	46.5	47.5	15.5	18.0	42.0	28.5	46.0	58.0	25.5	47.5	46.5	39
GEORGETOWN	40.5	59.5	32.5	27.0	42.5	65.0	38.0	58.0	32.0	54.0	49.5	35.0	28.5	36.0	40
RAM-1	2.5	46.0	41.5	9.0	34.5	31.0	43.0	49.5	11.0	46.0	22.5	70.0	28.5	10.0	41
PARADE	8.5	68.0	54.0	34.0	69.0	59.5	55.5	59.5	19.0	38.0	55.0	20.0	66.5	21.5	42
NE 80-88	23.0	20.5	62.0	37.5	45.0	55.5	.	42.0	14.0	61.0	60.0	67.0	54.5	.	43
DAWN	36.5	69.5	17.0	50.0	12.5	62.5	43.0	53.0	11.0	19.5	37.5	14.0	28.5	65.5	44
JULIA	71.0	28.0	9.5	8.0	5.0	72.0	43.0	47.5	19.0	19.5	46.5	22.0	54.5	54.0	45

TABLE 3. (continued)

 RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
 CULTIVARS AT TWENTY-EIGHT LOCATIONS IN THE U. S. AND CANADA
 1989 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	NE1	NE2	NJ1	NJ2	OR1	PA1	PA2	RI1	SD1	UB1	VA1	VA3	WA1	WA4	MEAN
LIBERTY	69.0	56.0	35.0	43.5	20.0	65.0	.	27.5	67.5	50.0	26.0	25.5	28.5	54.0	46
BA 72-441 (ABEY)	18.5	62.0	28.0	29.0	42.5	44.0	20.0	45.0	46.0	46.0	7.0	43.0	28.5	70.0	47
HV 97 (COCKTAIL)	13.0	16.0	58.0	62.0	21.0	71.0	53.0	67.0	19.0	12.5	68.5	39.0	39.0	1.5	48
TENDOS	28.5	16.0	32.5	22.5	12.5	59.5	.	72.0	37.5	67.5	34.0	55.0	47.5	42.0	49
AQUILA	26.5	20.5	60.0	31.0	55.0	18.0	52.0	34.0	37.5	15.0	58.0	9.0	61.5	17.0	50
BA 70-242	62.0	69.5	20.0	65.0	50.0	47.5	25.0	27.5	64.0	40.0	22.5	48.5	9.5	36.0	51
CONNIE	65.5	57.5	25.5	54.5	7.0	12.0	.	3.0	37.5	26.0	66.0	44.5	19.0	1.5	52
K3-178	62.0	36.0	45.5	54.5	44.0	65.0	47.0	56.5	28.5	58.5	10.5	17.5	19.0	57.0	53
IKONE	69.0	25.0	20.0	7.0	28.0	69.0	49.5	61.0	46.0	29.0	52.0	35.0	61.5	57.0	54
MERION	23.0	59.5	41.5	29.0	34.5	52.0	9.0	12.5	53.0	62.0	31.5	68.5	54.5	65.5	55
WW AG 468	8.5	50.0	41.5	67.0	66.0	38.5	5.0	15.5	37.5	23.0	58.0	72.0	9.5	12.0	56
WW AG 491	56.5	12.5	60.0	66.0	58.0	8.0	28.5	37.5	62.5	40.0	45.0	25.5	54.5	50.5	57
HARMONY	5.0	46.0	69.0	71.0	71.0	23.5	28.5	30.0	70.5	67.5	46.5	57.5	54.5	46.5	58
WW AG 495	23.0	20.5	6.5	40.5	53.5	59.5	38.0	55.0	14.0	36.0	55.0	61.0	61.5	60.0	59
BAR VB 577	23.0	30.5	17.0	58.0	31.0	8.0	47.0	63.5	37.5	42.0	66.0	63.0	39.0	21.5	60
WELCOME	62.0	25.0	64.0	58.0	52.0	8.0	5.0	51.0	2.0	63.0	42.5	56.0	54.5	63.0	61
GNOME	65.5	62.0	48.0	43.5	58.0	55.5	.	34.0	53.0	58.5	42.5	66.0	3.5	65.5	62
NASSAU	46.0	71.0	29.0	25.0	22.5	70.0	45.0	66.0	65.5	46.0	70.5	60.0	39.0	50.5	63
HUNTSVILLE	65.5	36.0	65.0	63.0	61.0	31.0	.	37.5	24.5	60.0	49.5	68.5	54.5	71.0	64
AMAZON	59.5	57.5	56.5	34.0	38.0	34.0	59.0	70.5	4.5	7.5	37.5	50.5	65.0	17.0	65
DESTINY	59.5	40.0	35.0	64.0	39.0	68.0	.	62.0	57.5	52.5	62.0	57.5	28.5	46.5	66
COMPACT	14.0	33.0	67.0	68.0	64.0	13.5	.	56.5	57.5	64.0	53.0	62.0	28.5	8.0	67
BARZAN	72.0	40.0	63.0	61.0	58.0	38.5	.	63.5	57.5	69.0	68.5	64.0	39.0	21.5	68
ANNIKA	18.5	9.0	60.0	60.0	62.5	52.0	.	68.0	28.5	65.0	70.5	71.0	61.5	36.0	69
JOY	69.0	52.0	71.0	69.0	72.0	44.0	54.0	69.0	62.5	71.0	64.0	50.5	70.5	28.5	70
KENBLUE	23.0	40.0	72.0	72.0	62.5	28.0	57.5	65.0	22.0	72.0	66.0	44.5	72.0	28.5	71
S.D. CERTIFIED	46.0	20.5	70.0	70.0	67.0	38.5	57.5	70.5	19.0	70.0	72.0	59.0	68.0	50.5	72

1/ THIS TABLE CONTAINS NO STATISTICAL VALUE (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. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	BC1	ID2	IN1	MD1	MO1	PA2	RI1	MEAN
NE 80-88	.	3.3	6.3	8.0	8.0	.	7.0	6.5
MYSTIC	3.0	3.7	8.3	8.0	7.7	6.7	6.7	6.3
HUNTSVILLE	.	4.0	5.7	7.0	6.7	.	7.0	6.1
ASSET	4.7	5.0	6.7	8.0	6.3	4.7	7.0	6.0
S.D. CERTIFIED	4.3	3.0	8.0	7.0	7.7	5.0	7.3	6.0
WABASH	4.3	2.7	7.7	6.3	7.3	6.0	7.7	6.0
P-104 (PRINCETON 104)	5.0	3.7	5.7	8.0	6.7	.	6.7	5.9
DESTINY	.	3.3	4.7	8.3	6.3	.	7.0	5.9
ASPEN	4.0	4.3	6.3	8.3	6.0	5.3	7.0	5.9
JOY	4.7	3.7	6.3	6.3	7.7	5.3	7.3	5.9
LOFTS 1757	5.0	4.0	4.7	8.7	6.3	5.3	7.0	5.9
TENDOS	5.0	3.7	4.7	8.7	6.7	.	6.3	5.8
CYNTHIA	4.3	4.0	6.3	7.7	6.7	5.3	6.3	5.8
A-34	4.7	4.7	5.3	7.3	6.0	5.7	7.0	5.8
F-1872 (FREEDOM)	.	2.7	5.7	7.0	7.0	.	6.7	5.8
PST-CB1	.	3.0	5.7	7.7	5.7	.	7.0	5.8
ECLIPSE	6.0	4.7	4.0	8.3	6.0	5.0	6.3	5.8
KENELUE	4.0	4.3	6.3	6.0	7.3	4.7	7.0	5.7
CLASSIC	4.0	4.7	4.7	7.3	6.3	5.0	7.3	5.6
PARADE	4.0	4.3	4.7	8.0	6.3	5.0	7.0	5.6
RUGBY	5.0	4.3	4.3	8.0	6.3	4.7	6.7	5.6
K1-152	4.0	3.3	4.7	7.3	6.3	5.7	7.7	5.6
BRISTOL	4.3	3.3	4.0	9.0	7.0	4.3	6.0	5.4
HAGA	4.3	2.3	5.3	7.0	6.3	5.7	7.0	5.4
K3-178	4.3	3.3	5.0	8.0	5.7	4.7	7.0	5.4
DAWN	.	2.3	5.0	8.3	6.3	4.0	6.3	5.4
NASSAU	4.3	2.7	4.7	8.7	6.3	4.7	6.3	5.4
AMERICA	4.3	2.7	4.7	8.7	5.3	4.7	7.0	5.3
AQUILA	3.7	2.7	5.0	9.0	7.0	4.7	5.3	5.3
GEORGETOWN	4.3	3.7	4.3	7.7	6.0	5.0	6.3	5.3
TRENTON	4.7	3.7	4.0	8.0	6.0	4.7	6.3	5.3
GLADE	4.3	3.0	4.3	8.7	6.7	4.3	6.0	5.3
HV 97 (COCKTAIL)	5.0	3.0	3.7	8.0	6.3	5.3	6.0	5.3
239 (SUFFOLK)	3.7	3.3	5.0	7.3	6.0	4.7	7.0	5.3
BAR VB 534	4.0	2.7	5.3	7.0	7.0	5.3	5.7	5.3
BAR VB 577	4.0	3.7	4.3	8.3	6.0	4.7	6.0	5.3
SOMERSET	3.3	4.3	4.7	7.7	6.3	4.3	6.3	5.3
WW AG 495	4.3	3.3	4.0	9.0	6.3	4.0	6.0	5.3
GNOME	4.7	3.7	3.3	8.3	5.3	.	6.0	5.2
BA 69-82	5.7	4.3	4.0	8.0	4.7	3.3	6.3	5.2
MERIT	4.7	3.7	3.7	9.0	6.0	4.0	5.3	5.2
BA 70-139 (COVENTRY)	5.7	4.3	3.0	8.0	4.7	3.7	6.7	5.1
RAM-1	4.7	1.7	3.3	8.7	7.0	5.0	5.7	5.1
MERION	4.0	2.7	5.0	8.0	5.3	4.3	6.7	5.1
LIBERTY	.	2.3	3.3	8.3	5.3	.	6.3	5.1

TABLE 4. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(continued) 1989 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	BC1	ID2	IN1	MD1	MO1	PA2	RI1	MEAN
BA 72-441 (ABBEY)	4.7	2.3	4.3	8.0	6.0	4.3	6.0	5.1
CHALLENGER	4.0	2.7	4.0	8.3	6.0	4.3	6.3	5.1
MONOPOLY	4.0	2.3	5.0	8.0	5.3	4.3	6.7	5.1
BA 73-626 (KELLY)	4.7	3.0	4.0	8.7	5.7	3.3	6.0	5.0
WW AG 496	5.0	2.3	3.7	8.3	6.3	3.7	6.0	5.0
BA 70-242	5.3	2.7	3.7	8.0	4.7	4.3	6.7	5.0
BA 72-492 (ESTATE)	6.3	3.7	3.0	7.7	4.7	3.0	6.7	5.0
CHERI	5.0	3.7	2.7	8.3	4.7	4.0	6.7	5.0
CONNI	.	4.0	3.0	8.0	5.0	.	5.0	5.0
VICTA	4.3	3.7	3.0	8.3	5.3	4.0	6.3	5.0
WW AG 491	4.3	3.3	4.7	7.0	5.3	4.7	5.7	5.0
BA 73-540	5.7	3.7	3.3	7.7	5.0	3.7	5.7	5.0
BARON	5.0	2.7	2.7	8.7	5.7	5.0	5.0	5.0
BA 72-500 (CHATEAU)	5.0	4.0	3.0	8.0	5.0	3.0	6.3	4.9
JULIA	3.7	2.7	4.0	8.3	6.0	3.3	6.3	4.9
COMPACT	.	2.0	4.7	6.7	5.3	.	5.7	4.9
BARZAN	4.3	2.7	3.7	8.0	5.7	.	4.7	4.8
SYDSPORT	5.0	3.0	3.0	8.3	4.3	3.7	5.7	4.7
ANNIKA	.	2.0	3.3	7.7	5.7	.	4.7	4.7
WELCOME	5.3	1.7	2.3	8.7	6.0	3.7	4.7	4.6
ABLE I	3.7	2.0	4.0	9.0	5.0	3.0	5.0	4.5
BLACKSBURG	4.7	1.7	3.0	9.0	5.0	2.7	5.3	4.5
IKONE	3.3	1.0	4.0	8.3	6.0	2.3	6.3	4.5
HARMONY	4.3	1.3	2.3	8.3	6.0	3.7	5.0	4.4
MIDNIGHT	4.0	3.0	2.0	9.0	5.3	2.7	5.0	4.4
AMAZON	3.7	1.7	3.3	8.7	5.3	2.3	5.0	4.3
WW AG 468	4.0	2.0	2.3	9.0	5.3	2.3	4.3	4.2
LSD VALUE	1.0	2.2	1.5	0.8	0.9	1.1	1.2	0.5

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).

TABLE 5. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	BC1	MD1	NE1	NE2	SD1	MEAN
MIDNIGHT	8.3	8.7	5.7	6.7	9.0	7.7
BLACKSBURG	7.3	8.0	6.0	6.3	8.7	7.3
ABLE I	7.7	7.7	6.0	6.3	7.0	6.9
GLADE	7.0	7.3	6.7	6.3	7.3	6.9
BARON	7.3	7.3	5.0	6.7	7.7	6.8
NASSAU	7.7	7.0	5.7	6.0	7.7	6.8
NE 80-88	.	8.3	5.7	5.7	7.3	6.8
CHALLENGER	6.7	7.7	6.0	5.7	7.3	6.7
DESTINY	.	8.0	5.7	6.0	7.0	6.7
WW AG 496	6.7	7.3	7.3	5.7	6.3	6.7
GNOME	7.3	7.3	5.7	6.0	7.0	6.7
AMERICA	6.3	7.7	6.0	6.3	6.7	6.6
BA 70-139 (COVENTRY)	6.7	7.0	7.0	6.0	6.3	6.6
BA 72-441 (ABBEY)	6.7	7.0	6.0	6.3	7.0	6.6
BA 72-492 (ESTATE)	7.3	6.7	6.0	6.0	7.0	6.6
BRISTOL	7.3	7.0	5.3	5.7	7.7	6.6
ECLIPSE	7.0	8.3	4.7	6.3	6.7	6.6
MERIT	7.3	7.0	5.0	6.7	7.0	6.6
RAM-1	7.0	7.7	6.0	5.3	7.0	6.6
BA 70-242	7.0	7.0	5.7	6.0	7.0	6.5
WW AG 468	6.7	7.7	7.3	5.0	6.0	6.5
AMAZON	7.3	7.3	5.7	5.3	7.0	6.5
BA 72-500 (CHATEAU)	7.3	7.0	6.3	5.7	6.3	6.5
BA 73-626 (KELLY)	7.3	7.0	5.3	6.3	6.7	6.5
ASPEN	7.0	7.0	5.7	5.7	7.0	6.5
BAR VB 534	6.3	7.7	5.7	5.7	7.0	6.5
CYNTHIA	6.7	7.0	6.0	5.7	7.0	6.5
LOFTS 1757	7.0	7.0	5.0	5.7	7.7	6.5
MERION	6.3	7.0	6.7	5.0	7.3	6.5
VICTA	7.0	7.0	4.7	6.0	7.7	6.5
BA 73-540	7.0	7.0	6.0	5.3	7.0	6.5
BAR VB 577	6.7	7.0	6.3	5.3	7.0	6.5
WW AG 495	6.0	7.3	6.0	6.0	7.0	6.5
DAWN	.	7.3	5.7	5.3	7.3	6.4
ASSET	6.7	7.0	6.3	5.3	6.7	6.4
HARMONY	6.3	7.0	7.0	5.0	6.7	6.4
WELCOME	7.0	8.0	4.7	5.7	6.7	6.4
P-104 (PRINCETON 104)	6.3	7.7	6.3	5.3	6.3	6.4
BA 69-82	6.3	6.7	6.0	6.0	6.7	6.3
IKONE	6.7	6.7	6.0	6.3	6.0	6.3
JULIA	6.7	6.3	5.3	6.7	6.7	6.3
BARZAN	6.0	7.0	5.7	5.7	7.0	6.3
AQUILA	6.3	7.0	6.0	5.3	6.7	6.3
CHERI	7.0	6.3	6.0	5.7	6.3	6.3
TENDOS	7.0	7.0	5.3	5.7	6.3	6.3

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	BC1	MD1	NE1	NE2	SD1	MEAN
SYDSPORT	7.0	6.7	5.0	6.0	6.3	6.2
HUNTSVILLE	.	6.7	5.3	5.3	7.0	6.1
PARADE	6.7	7.0	6.0	4.7	6.0	6.1
KENBLUE	6.7	6.7	6.0	5.0	5.7	6.0
239 (SUFFOLK)	6.0	6.7	6.0	5.0	6.3	6.0
LIBERTY	.	7.0	5.0	5.3	6.7	6.0
MYSTIC	6.0	7.7	4.7	5.3	6.3	6.0
CLASSIC	6.3	6.7	5.3	5.3	6.0	5.9
HV 97 (COCKTAIL)	5.7	6.7	6.0	5.3	5.7	5.9
K3-178	6.7	6.7	4.3	6.0	5.7	5.9
K1-152	6.3	6.0	6.0	5.0	6.0	5.9
S.D. CERTIFIED	6.0	7.0	5.3	5.0	6.0	5.9
HAGA	6.0	6.0	6.7	4.7	5.7	5.8
RUGBY	6.0	6.3	6.0	5.0	5.7	5.8
CONNI	.	7.0	5.7	4.7	5.7	5.8
PST-CB1	.	6.3	5.3	5.3	6.0	5.8
SOMERSET	6.0	7.0	6.0	4.0	5.7	5.7
A-34	6.3	6.3	6.0	5.0	5.0	5.7
TRENTON	6.0	6.3	5.3	5.0	6.0	5.7
GEORGETOWN	6.0	6.7	5.0	4.7	6.0	5.7
WW AG 491	6.3	6.7	5.0	5.0	5.3	5.7
ANNIKA	.	6.3	5.0	5.0	5.7	5.5
JOY	6.0	6.7	4.0	4.7	6.0	5.5
F-1872 (FREEDOM)	.	5.7	4.3	5.7	5.7	5.3
MONOPOLY	6.0	6.7	4.7	4.7	4.7	5.3
WABASH	6.0	7.0	4.3	3.7	5.7	5.3
COMPACT	.	6.7	4.0	3.7	6.0	5.1
LSD VALUE	0.9	0.9	0.9	0.9	1.0	0.4

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).

TABLE 6. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	IN1	SD1	MEAN
MYSTIC	8.0	7.7	7.8
KENBLUE	7.3	8.0	7.7
WABASH	7.3	8.0	7.7
S.D. CERTIFIED	7.3	7.7	7.5
BAR VB 534	7.7	7.0	7.3
CYNTHIA	8.0	6.7	7.3
WELCOME	7.0	7.3	7.2
HV 97 (COCKTAIL)	6.7	7.3	7.0
AMERICA	6.3	7.0	6.7
CONNI	6.0	7.0	6.5
F-1872 (FREEDOM)	6.3	6.7	6.5
JOY	6.3	6.7	6.5
WW AG 491	6.7	6.3	6.5
COMPACT	6.0	6.7	6.3
ECLIPSE	6.0	6.7	6.3
HUNTSVILLE	5.7	7.0	6.3
MONOPOLY	6.7	6.0	6.3
PARADE	5.7	7.0	6.3
AQUILA	6.3	6.3	6.3
ASSET	5.7	6.7	6.2
HAGA	5.3	7.0	6.2
K3-178	5.3	7.0	6.2
RUGBY	5.3	7.0	6.2
SOMERSET	5.3	7.0	6.2
WW AG 495	6.0	6.3	6.2
ABLE I	6.0	6.0	6.0
CLASSIC	5.0	7.0	6.0
GEORGETOWN	5.3	6.7	6.0
NE 80-88	5.7	6.3	6.0
TRENTON	5.7	6.3	6.0
AMAZON	4.7	7.0	5.8
ANNIKA	4.7	7.0	5.8
ASPEN	5.0	6.7	5.8
BARON	5.7	6.0	5.8
K1-152	5.7	6.0	5.8
WW AG 468	5.7	6.0	5.8
WW AG 496	5.0	6.7	5.8
BAR VB 577	5.3	6.3	5.8
JULIA	5.3	6.3	5.8
DAWN	4.7	6.7	5.7
239 (SUFFOLK)	5.0	6.3	5.7
BARZAN	5.3	6.0	5.7
GLADE	5.3	6.0	5.7
IKONE	5.3	6.0	5.7
MERION	5.3	6.0	5.7

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	IN1	SD1	MEAN
BRISTOL	5.3	5.7	5.5
TENDOS	5.0	6.0	5.5
HARMONY	5.0	5.7	5.3
NASSAU	5.0	5.7	5.3
VICTA	5.0	5.7	5.3
BA 70-242	5.3	5.3	5.3
PST-CB1	5.3	5.3	5.3
A-34	5.7	4.7	5.2
BA 72-441 (ABBAY)	4.7	5.7	5.2
GNOME	4.7	5.7	5.2
MERIT	4.7	5.7	5.2
BA 69-82	4.0	6.3	5.2
CHALLENGER	5.0	5.3	5.2
LIBERTY	5.0	5.3	5.2
BA 73-626 (KELLY)	5.0	5.0	5.0
SYDSPORT	4.0	6.0	5.0
BA 73-540	4.0	5.7	4.8
MIDNIGHT	5.0	4.7	4.8
RAM-1	4.0	5.7	4.8
BA 72-492 (ESTATE)	3.7	6.0	4.8
BA 72-500 (CHATEAU)	4.3	5.3	4.8
DESTINY	4.3	5.3	4.8
LOFTS 1757	4.3	5.3	4.8
BA 70-139 (COVENTRY)	3.7	5.7	4.7
BLACKSBURG	5.0	4.3	4.7
CHERI	4.0	5.3	4.7
P-104 (PRINCETON 104)	3.7	5.0	4.3
LSD VALUE	1.1	0.9	0.7

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).

TABLE 7. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	ID2	MEAN
BARZAN	8.0	8.0
CLASSIC	8.0	8.0
GLADE	8.0	8.0
MIDNIGHT	8.0	8.0
RAM-1	8.0	8.0
BA 70-242	7.7	7.7
DAWN	7.7	7.7
BARON	7.3	7.3
BLACKSBURG	7.3	7.3
DESTINY	7.3	7.3
LOFTS 1757	7.3	7.3
WELCOME	7.3	7.3
ABLE I	7.0	7.0
AMAZON	7.0	7.0
BA 72-441 (ABBEY)	7.0	7.0
LIBERTY	7.0	7.0
NASSAU	7.0	7.0
WW AG 495	7.0	7.0
ASPEN	6.7	6.7
BA 73-626 (KELLY)	6.7	6.7
CHALLENGER	6.7	6.7
ECLIPSE	6.7	6.7
KENBLUE	6.7	6.7
MERIT	6.7	6.7
P-104 (PRINCETON 104)	6.7	6.7
TENDOS	6.7	6.7
TRENTON	6.7	6.7
VICTA	6.7	6.7
A-34	6.3	6.3
AMERICA	6.3	6.3
CONNI	6.3	6.3
HUNTSVILLE	6.3	6.3
JOY	6.3	6.3
PARADE	6.3	6.3
SYDSFORT	6.3	6.3
AQUILA	6.0	6.0
ASSET	6.0	6.0
BA 69-82	6.0	6.0
BRISTOL	6.0	6.0
CHERI	6.0	6.0
GEORGETOWN	6.0	6.0
HARMONY	6.0	6.0
MYSTIC	6.0	6.0
S.D. CERTIFIED	6.0	6.0
SOMERSET	6.0	6.0

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	ID2	MEAN
WW AG 496	6.0	6.0
239 (SUFFOLK)	5.7	5.7
CYNTHIA	5.7	5.7
F-1872 (FREEDOM)	5.7	5.7
HAGA	5.7	5.7
K1-152	5.7	5.7
MERION	5.7	5.7
NE 80-88	5.7	5.7
RUGBY	5.7	5.7
WABASH	5.7	5.7
BA 72-492 (ESTATE)	5.3	5.3
BA 72-500 (CHATEAU)	5.3	5.3
BA 73-540	5.3	5.3
GNOME	5.3	5.3
IKONE	5.3	5.3
K3-178	5.3	5.3
MONOPOLY	5.3	5.3
PST-CB1	5.3	5.3
WW AG 468	5.3	5.3
WW AG 491	5.3	5.3
BAR VB 577	5.0	5.0
COMPACT	5.0	5.0
BAR VB 534	4.7	4.7
HV 97 (COCKTAIL)	4.7	4.7
JULIA	4.7	4.7
ANNIKA	4.3	4.3
BA 70-139 (COVENTRY)	4.3	4.3
LSD VALUE	2.1	2.1

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).

TABLE 8. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	MO1	PA2	SD1	MEAN
BLACKSBURG	7.3	9.0	8.0	8.1
F-1872 (FREEDOM)	8.0	.	7.7	7.8
NE 80-88	8.0	.	7.7	7.8
ASSET	7.7	7.3	8.0	7.7
BA 73-540	7.3	7.3	8.0	7.6
P-104 (PRINCETON 104)	7.0	.	8.0	7.5
ABLE I	6.7	7.7	8.0	7.4
ASPEN	7.0	7.7	7.7	7.4
CHERI	7.0	7.3	8.0	7.4
JULIA	7.3	7.0	8.0	7.4
K1-152	7.3	7.0	8.0	7.4
MIDNIGHT	7.3	7.3	7.7	7.4
A-34	7.7	7.0	7.3	7.3
BA 72-500 (CHATEAU)	7.0	7.3	7.7	7.3
GLADE	7.7	6.7	7.7	7.3
HAGA	7.7	6.7	7.7	7.3
HUNTSVILLE	7.3	.	7.3	7.3
MERION	7.0	7.0	8.0	7.3
WW AG 496	7.7	7.0	7.3	7.3
CLASSIC	7.3	6.7	7.7	7.2
CYNTHIA	7.3	6.7	7.7	7.2
LOFTS 1757	7.0	6.7	8.0	7.2
SYDSPORT	7.0	7.0	7.7	7.2
BA 72-492 (ESTATE)	7.3	7.0	7.3	7.2
BAR VB 534	7.3	7.3	7.0	7.2
K3-178	7.3	6.3	8.0	7.2
ANNIKA	6.7	.	7.7	7.2
COMPACT	7.0	.	7.3	7.2
AMERICA	6.7	6.7	8.0	7.1
BA 70-139 (COVENTRY)	7.0	6.7	7.7	7.1
DAWN	7.0	6.7	7.7	7.1
TRENTON	7.0	6.7	7.7	7.1
239 (SUFFOLK)	7.3	6.7	7.3	7.1
BA 69-82	6.3	7.0	8.0	7.1
ECLIPSE	7.0	7.0	7.3	7.1
SOMERSET	7.3	6.7	7.3	7.1
IKONE	7.3	6.3	7.3	7.0
MONOPOLY	6.7	6.7	7.7	7.0
PST-CB1	6.7	.	7.3	7.0
RUGBY	7.3	6.3	7.3	7.0
WABASH	8.7	4.7	7.7	7.0
WW AG 491	7.3	6.7	7.0	7.0
CHALLENGER	6.3	6.7	7.7	6.9
GEORGETOWN	7.0	5.7	8.0	6.9
MYSTIC	6.7	6.3	7.7	6.9

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MO1	PA2	SD1	MEAN
PARADE	7.0	5.7	8.0	6.9
BRISTOL	7.3	6.0	7.3	6.9
WW AG 468	6.0	7.3	7.3	6.9
CONNI	6.0	.	7.7	6.8
DESTINY	6.7	.	7.0	6.8
TENDOS	7.0	.	6.7	6.8
LIBERTY	6.3	.	7.3	6.8
HV 97 (COCKTAIL)	6.7	6.0	7.7	6.8
BA 72-441 (ABBEEY)	6.3	6.7	7.3	6.8
BARON	6.3	6.3	7.7	6.8
VICTA	6.3	6.7	7.3	6.8
AMAZON	6.7	5.7	7.7	6.7
BA 73-626 (KELLY)	6.0	7.0	7.0	6.7
BAR VB 577	7.0	5.7	7.3	6.7
MERIT	5.7	6.7	7.7	6.7
WW AG 495	6.7	5.7	7.7	6.7
BA 70-242	6.0	6.7	7.0	6.6
NASSAU	6.0	6.0	7.7	6.6
WELCOME	6.3	5.7	7.7	6.6
AQUILA	7.3	5.0	7.3	6.6
BARZAN	6.0	.	7.0	6.5
HARMONY	6.7	6.0	6.7	6.4
JOY	7.0	5.0	7.3	6.4
RAM-1	6.7	5.3	7.3	6.4
GNOME	5.7	.	7.0	6.3
S.D. CERTIFIED	6.7	4.7	7.3	6.2
KENBLUE	7.0	4.0	7.0	6.0
LSD VALUE	1.3	1.2	0.9	0.7

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).

TABLE 9. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	MO1	SD1	MEAN
WABASH	8.3	9.0	8.7
BLACKSEURG	8.0	9.0	8.5
ANNIKA	7.7	9.0	8.3
BA 72-500 (CHATEAU)	7.7	9.0	8.3
JULIA	7.7	9.0	8.3
AMAZON	7.7	8.7	8.2
ASSET	7.3	9.0	8.2
BA 69-82	7.3	9.0	8.2
BA 70-139 (COVENTRY)	7.3	9.0	8.2
BA 72-492 (ESTATE)	7.7	8.7	8.2
BA 73-540	7.3	9.0	8.2
GLADE	7.3	9.0	8.2
P-104 (PRINCETON 104)	7.3	9.0	8.2
SOMERSET	7.3	9.0	8.2
AQUILA	7.3	8.7	8.0
BA 72-441 (ABBAY)	7.3	8.7	8.0
CHERI	7.0	9.0	8.0
CLASSIC	7.3	8.7	8.0
MYSTIC	7.0	9.0	8.0
SYDSPORT	7.0	9.0	8.0
VICTA	7.3	8.7	8.0
A-34	6.7	9.0	7.8
ABLE I	6.7	9.0	7.8
HARMONY	7.7	8.0	7.8
MIDNIGHT	6.7	9.0	7.8
RAM-1	6.7	9.0	7.8
239 (SUFFOLK)	7.0	8.7	7.8
BRISTOL	7.0	8.7	7.8
MERION	7.0	8.7	7.8
MERIT	7.0	8.7	7.8
NE 80-88	7.0	8.7	7.8
BA 73-626 (KELLY)	7.0	8.3	7.7
HUNTSVILLE	7.0	8.3	7.7
MONOPOLY	7.0	8.3	7.7
WW AG 496	7.0	8.3	7.7
AMERICA	6.3	9.0	7.7
BAR VB 534	6.3	9.0	7.7
BARON	6.7	8.7	7.7
ECLIPSE	6.3	9.0	7.7
F-1872 (FREEDOM)	6.7	8.7	7.7
HAGA	6.7	8.7	7.7
HV 97 (COCKTAIL)	6.3	9.0	7.7
K1-152	6.7	8.7	7.7
PARADE	6.3	9.0	7.7
WELCOME	6.3	9.0	7.7

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MO1	SD1	MEAN
WW AG 468	6.3	9.0	7.7
WW AG 495	6.3	9.0	7.7
ASPEN	6.3	8.7	7.5
CHALLENGER	6.0	9.0	7.5
COMPACT	6.3	8.7	7.5
IKONE	6.3	8.7	7.5
JOY	7.0	8.0	7.5
LIBERTY	6.3	8.7	7.5
RUGBY	6.7	8.3	7.5
BARZAN	5.7	9.0	7.3
LOFTS 1757	6.3	8.3	7.3
PST-CB1	6.3	8.3	7.3
S.D. CERTIFIED	6.7	8.0	7.3
TENDOS	6.7	8.0	7.3
TRENTON	6.3	8.3	7.3
CONNI	6.0	8.7	7.3
GEORGETOWN	6.0	8.7	7.3
GNOME	6.0	8.7	7.3
K3-178	6.0	8.7	7.3
WW AG 491	6.0	8.7	7.3
BAR VB 577	6.0	8.3	7.2
CYNTHIA	6.0	8.3	7.2
DAWN	6.0	8.3	7.2
KENBLUE	6.3	8.0	7.2
BA 70-242	5.7	8.3	7.0
NASSAU	6.3	7.7	7.0
DESTINY	5.7	8.0	6.8
LSD VALUE	1.3	0.7	0.7

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).

TABLE 10. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	WA4	MEAN
CONNI	8.3	8.3
AMERICA	8.0	8.0
COMPACT	8.0	8.0
CYNTHIA	7.7	7.7
HV 97 (COCKTAIL)	7.7	7.7
MYSTIC	7.7	7.7
CHERI	7.3	7.3
JOY	7.0	7.0
BA 72-500 (CHATEAU)	6.7	6.7
CHALLENGER	6.7	6.7
KENBLUE	6.7	6.7
RAM-1	6.7	6.7
SOMERSET	6.7	6.7
WABASH	6.7	6.7
WW AG 468	6.7	6.7
A-34	6.3	6.3
AMAZON	6.3	6.3
ANNIKA	6.3	6.3
S.D. CERTIFIED	6.3	6.3
BAR VB 534	6.0	6.0
BARZAN	6.0	6.0
SYDSPORT	6.0	6.0
ASSET	5.7	5.7
BA 69-82	5.7	5.7
BAR VB 577	5.7	5.7
BARON	5.7	5.7
BLACKSBURG	5.7	5.7
CLASSIC	5.7	5.7
MONOPOLY	5.7	5.7
PARADE	5.7	5.7
ABLE I	5.3	5.3
AQUILA	5.3	5.3
BA 70-139 (COVENTRY)	5.3	5.3
DESTINY	5.3	5.3
GEORGETOWN	5.3	5.3
HAGA	5.3	5.3
PST-CB1	5.3	5.3
RUGBY	5.3	5.3
BA 70-242	5.0	5.0
BA 73-540	5.0	5.0
BRISTOL	5.0	5.0
F-1872 (FREEDOM)	5.0	5.0
HARMONY	5.0	5.0
P-104 (PRINCETON 104)	5.0	5.0
WW AG 491	5.0	5.0

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	WA4	MEAN
239 (SUFFOLK)	4.7	4.7
BA 73-626 (KELLY)	4.7	4.7
ECLIPSE	4.7	4.7
GLADE	4.7	4.7
IKONE	4.7	4.7
LOFTS 1757	4.7	4.7
NASSAU	4.7	4.7
TRENTON	4.7	4.7
WW AG 495	4.7	4.7
ASPEN	4.3	4.3
K3-178	4.3	4.3
TENDOS	4.3	4.3
WELCOME	4.3	4.3
BA 72-492 (ESTATE)	4.0	4.0
DAWN	4.0	4.0
JULIA	4.0	4.0
K1-152	4.0	4.0
WW AG 496	4.0	4.0
GNOME	3.7	3.7
LIBERTY	3.7	3.7
MIDNIGHT	3.3	3.3
MERION	3.0	3.0
VICTA	3.0	3.0
MERIT	2.3	2.3
BA 72-441 (ABBAY)	2.0	2.0
HUNTSVILLE	2.0	2.0
LSD VALUE	3.1	3.1

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).

TABLE 11. PERCENT LIVING GROUND COVER (SUMMER)
 RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 1989 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	WA4	MEAN
BA 70-139 (COVENTRY)	98.0	98.0
MYSTIC	97.7	97.7
WW AG 468	97.7	97.7
CHERI	97.5	97.5
CONNI	94.7	94.7
ANNIKA	94.0	94.0
BA 73-626 (KELLY)	92.7	92.7
P-104 (PRINCETON 104)	92.5	92.5
BA 72-492 (ESTATE)	91.5	91.5
BA 72-500 (CHATEAU)	91.3	91.3
CYNTHIA	91.3	91.3
GEORGETOWN	90.7	90.7
JOY	90.0	90.0
RAM-1	89.7	89.7
BRISTOL	89.5	89.5
HV 97 (COCKTAIL)	89.5	89.5
BAR VB 534	89.0	89.0
SOMERSET	88.3	88.3
KENBLUE	87.5	87.5
BLACKSBURG	85.0	85.0
GLADE	84.3	84.3
WW AG 495	84.0	84.0
AMAZON	83.3	83.3
ASSET	83.3	83.3
BA 70-242	82.3	82.3
BA 69-82	81.7	81.7
AMERICA	81.3	81.3
ABLE I	81.0	81.0
CLASSIC	81.0	81.0
COMPACT	81.0	81.0
SYDSPORT	79.3	79.3
MONOPOLY	77.7	77.7
A-34	77.3	77.3
PARADE	76.7	76.7
RUGBY	73.0	73.0
VICTA	72.7	72.7
HAGA	72.3	72.3
CHALLENGER	71.7	71.7
TENDOS	71.7	71.7
BAR VB 577	68.5	68.5
F-1872 (FREEDOM)	68.3	68.3
NASSAU	68.3	68.3
ECLIPSE	67.3	67.3
LOFTS 1757	66.7	66.7
K1-152	66.5	66.5

PERCENT LIVING GROUND COVER (SUMMER)
 RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 1989 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS

NAME	WA4	MEAN
AQUILA	65.0	65.0
BARZAN	64.0	64.0
K3-178	63.3	63.3
BA 73-540	61.7	61.7
LIBERTY	61.7	61.7
PST-CB1	61.7	61.7
WABASH	61.7	61.7
WW AG 491	61.5	61.5
HARMONY	60.3	60.3
IKONE	60.0	60.0
JULIA	60.0	60.0
239 (SUFFOLK)	58.7	58.7
BARON	58.3	58.3
DESTINY	57.5	57.5
WELCOME	55.0	55.0
TRENTON	51.7	51.7
ASPEN	46.7	46.7
DAWN	46.7	46.7
S.D. CERTIFIED	46.7	46.7
BA 72-441 (ABBAY)	45.0	45.0
WW AG 496	41.7	41.7
MERION	40.0	40.0
GNOME	39.3	39.3
HUNTSVILLE	30.0	30.0
MERIT	28.3	28.3
MIDNIGHT	26.7	26.7
LSD VALUE	43.3	43.3

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).

TABLE 12. SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	MI1	MEAN
BRISTOL	7.3	7.3
MERIT	7.3	7.3
BA 72-441 (ABBEY)	7.0	7.0
ASPEN	6.7	6.7
BA 73-540	6.7	6.7
BARZAN	6.7	6.7
GEORGETOWN	6.7	6.7
NASSAU	6.7	6.7
RUGBY	6.7	6.7
TRENFON	6.7	6.7
WW AG 468	6.7	6.7
CHALLENGER	6.3	6.3
DAWN	6.3	6.3
DESTINY	6.3	6.3
F-1872 (FREEDOM)	6.3	6.3
LOFTS 1757	6.3	6.3
P-104 (PRINCETON 104)	6.3	6.3
PARADE	6.3	6.3
AQUILA	6.0	6.0
BA 73-626 (KELLY)	6.0	6.0
HAGA	6.0	6.0
JOY	6.0	6.0
JULIA	6.0	6.0
CLASSIC	5.7	5.7
GLADE	5.7	5.7
HUNTSVILLE	5.7	5.7
K3-178	5.7	5.7
LIBERTY	5.7	5.7
PST-CB1	5.7	5.7
239 (SUFFOLK)	5.3	5.3
A-34	5.3	5.3
HARMONY	5.3	5.3
MYSTIC	5.3	5.3
NE 80-88	5.3	5.3
RAM-1	5.3	5.3
WW AG 495	5.3	5.3
BA 70-242	5.0	5.0
BA 72-492 (ESTATE)	5.0	5.0
BARON	5.0	5.0
KENBLUE	5.0	5.0
MONOPOLY	5.0	5.0
S.D. CERTIFIED	5.0	5.0
SOMERSET	5.0	5.0
ABLE I	4.7	4.7
ASSET	4.7	4.7

SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

SNOW MOLD RATINGS 1-9; 9=NO DISEASE

NAME	MI1	MEAN
BA 70-139 (COVENTRY)	4.7	4.7
CYNTHIA	4.7	4.7
ECLIPSE	4.7	4.7
GNOME	4.7	4.7
HV 97 (COCKTAIL)	4.7	4.7
IKONE	4.7	4.7
VICTA	4.7	4.7
ANNIKA	4.3	4.3
BA 72-500 (CHATEAU)	4.3	4.3
BAR VB 534	4.3	4.3
CHERI	4.3	4.3
K1-152	4.3	4.3
SYDSPORT	4.3	4.3
TENDOS	4.3	4.3
WW AG 491	4.3	4.3
BA 69-82	4.0	4.0
MERION	4.0	4.0
WELCOME	4.0	4.0
WW AG 496	4.0	4.0
AMERICA	3.7	3.7
BAR VB 577	3.7	3.7
COMPACT	3.7	3.7
MIDNIGHT	3.7	3.7
WABASH	3.3	3.3
CONN1	3.0	3.0
BLACKSBURG	2.7	2.7
AMAZON	1.7	1.7
LSD VALUE	2.5	2.5

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).

TABLE 13. FUSARIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

FUSARIUM PATCH RATINGS 1-9; 9=NO DISEASE 1/

NAME	ID2	MEAN
BA 72-441 (ABBEY)	8.3	8.3
BA 72-492 (ESTATE)	8.0	8.0
BARON	8.0	8.0
GNOME	8.0	8.0
KENBLUE	8.0	8.0
MERIT	8.0	8.0
MONOPOLY	8.0	8.0
NE 80-88	8.0	8.0
VICTA	8.0	8.0
ASPEN	7.7	7.7
BAR VB 534	7.7	7.7
CYNTHIA	7.7	7.7
GLADE	7.7	7.7
HUNTSVILLE	7.7	7.7
SYDSPORT	7.7	7.7
WW AG 491	7.7	7.7
BA 70-242	7.3	7.3
BA 73-626 (KELLY)	7.3	7.3
BARZAN	7.3	7.3
COMPACT	7.3	7.3
HARMONY	7.3	7.3
LIBERTY	7.3	7.3
S.D. CERTIFIED	7.3	7.3
WELCOME	7.3	7.3
WW AG 468	7.3	7.3
WW AG 495	7.3	7.3
ANNIKA	7.0	7.0
JOY	7.0	7.0
JULIA	7.0	7.0
P-104 (PRINCETON 104)	7.0	7.0
TRENTON	7.0	7.0
WABASH	7.0	7.0
ABLE I	6.7	6.7
BLACKSBURG	6.7	6.7
DESTINY	6.7	6.7
ECLIPSE	6.7	6.7
HV 97 (COCKTAIL)	6.7	6.7
K1-152	6.7	6.7
RAM-1	6.7	6.7
SOMERSET	6.7	6.7
A-34	6.3	6.3
AMERICA	6.3	6.3
ASSET	6.3	6.3
CHALLENGER	6.3	6.3
DAWN	6.3	6.3

FUSARIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

FUSARIUM PATCH RATINGS 1-9; 9=NO DISEASE

NAME	ID2	MEAN
IKONE	6.3	6.3
MYSTIC	6.3	6.3
239 (SUFFOLK)	6.0	6.0
BA 70-139 (COVENTRY)	6.0	6.0
BA 73-540	6.0	6.0
BAR VB 577	6.0	6.0
BRISTOL	6.0	6.0
MERION	6.0	6.0
NASSAU	6.0	6.0
RUGBY	6.0	6.0
AQUILA	5.7	5.7
CHERI	5.7	5.7
GEORGETOWN	5.7	5.7
LOFTS 1757	5.7	5.7
WW AG 496	5.7	5.7
BA 72-500 (CHATEAU)	5.3	5.3
CLASSIC	5.3	5.3
F-1872 (FREEDOM)	5.3	5.3
AMAZON	5.0	5.0
BA 69-82	5.0	5.0
CONNI	5.0	5.0
HAGA	5.0	5.0
MIDNIGHT	4.7	4.7
PST-CB1	4.7	4.7
K3-178	4.3	4.3
PARADE	4.0	4.0
TENDOS	4.0	4.0
LSD VALUE	2.7	2.7

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).

TABLE 14. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	ID2	UB1	MEAN
P-104 (PRINCETON 104)	7.3	8.7	8.0
ABLE I	7.7	8.0	7.8
ECLIPSE	7.7	7.7	7.7
CONNI	7.3	7.7	7.5
GLADE	7.0	7.0	7.0
WW AG 468	7.7	6.3	7.0
AMERICA	7.3	6.3	6.8
LOFTS 1757	7.7	5.7	6.7
A-34	7.0	6.3	6.7
MIDNIGHT	7.0	6.3	6.7
ASPEN	6.7	6.3	6.5
BA 72-492 (ESTATE)	6.3	6.7	6.5
MERIT	7.7	5.3	6.5
AMAZON	5.7	7.0	6.3
ASSET	6.7	6.0	6.3
BA 70-139 (COVENTRY)	6.7	6.0	6.3
PARADE	7.7	5.0	6.3
BA 72-500 (CHATEAU)	6.3	6.3	6.3
BLACKSBURG	7.3	5.3	6.3
CYNTHIA	6.7	5.7	6.2
MYSTIC	6.7	5.7	6.2
BA 73-540	6.3	6.0	6.2
BARON	7.0	5.3	6.2
BRISTOL	7.0	5.3	6.2
SYDSPORT	6.0	6.3	6.2
TENDOS	7.0	5.3	6.2
WW AG 495	6.0	6.3	6.2
DAWN	6.0	6.0	6.0
GEORGETOWN	7.7	4.3	6.0
HV 97 (COCKTAIL)	7.7	4.3	6.0
LIBERTY	6.7	5.3	6.0
NASSAU	6.7	5.3	6.0
VICTA	7.3	4.7	6.0
WW AG 496	6.3	5.7	6.0
BA 69-82	6.0	5.7	5.8
DESTINY	6.7	5.0	5.8
SOMERSET	6.7	5.0	5.8
TRENTON	7.0	4.7	5.8
239 (SUFFOLK)	6.7	4.7	5.7
CHERI	6.7	4.7	5.7
BA 72-441 (ABBAY)	6.0	5.3	5.7
BA 73-626 (KELLY)	6.3	5.0	5.7
BAR VB 534	7.0	4.3	5.7
BAR VB 577	6.3	5.0	5.7
RUGBY	7.0	4.3	5.7

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	ID2	UB1	MEAN
CHALLENGER	6.0	5.0	5.5
IKONE	7.0	4.0	5.5
JULIA	6.3	4.7	5.5
COMPACT	6.7	4.0	5.3
CLASSIC	6.3	4.3	5.3
K1-152	6.3	4.3	5.3
WW AG 491	6.3	4.3	5.3
BA 70-242	5.7	4.7	5.2
F-1872 (FREEDOM)	5.7	4.7	5.2
ANNIKA	6.3	4.0	5.2
PST-CB1	6.3	4.0	5.2
AQUILA	6.3	3.7	5.0
HAGA	5.3	4.7	5.0
K3-178	6.3	3.7	5.0
MERION	6.3	3.7	5.0
WELCOME	6.3	3.7	5.0
RAM-1	7.0	2.3	4.7
GNOME	5.0	4.3	4.7
HUNTSVILLE	5.7	3.0	4.3
BARZAN	7.3	1.3	4.3
HARMONY	6.3	2.3	4.3
MONOPOLY	5.3	3.3	4.3
JOY	7.3	1.0	4.2
NE 80-88	6.3	2.0	4.2
S.D. CERTIFIED	7.3	1.0	4.2
KENBLUE	7.0	1.0	4.0
WABASH	5.7	2.0	3.8
LSD VALUE	2.2	1.6	1.3

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).

TABLE 15. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	IN1	MO1	NE1	PA1	MEAN
BRISTOL	9.0	8.7	5.7	8.0	7.8
AMERICA	9.0	9.0	2.7	9.0	7.4
HAGA	9.0	8.0	5.7	7.0	7.4
ASSET	8.7	9.0	4.7	7.3	7.4
F-1872 (FREEDOM)	8.7	8.3	4.7	7.3	7.3
P-104 (PRINCETON 104)	9.0	9.0	3.7	7.3	7.3
BARON	7.3	9.0	5.3	7.3	7.3
ECLIPSE	9.0	8.7	4.7	6.3	7.2
BA 72-441 (ABBEY)	5.7	9.0	6.3	7.3	7.1
K1-152	9.0	8.7	3.7	7.0	7.1
RUGBY	8.7	8.7	4.0	7.0	7.1
BA 70-242	8.0	9.0	4.3	6.7	7.0
JOY	7.7	8.3	5.0	7.0	7.0
KENBLUE	7.7	7.3	5.0	8.0	7.0
LOFTS 1757	9.0	9.0	2.3	7.7	7.0
SOMERSET	9.0	8.3	2.3	8.3	7.0
SYDSPORT	8.0	9.0	4.0	7.0	7.0
WABASH	7.7	7.3	5.0	8.0	7.0
GNOME	7.0	9.0	5.0	6.7	6.9
MIDNIGHT	8.3	9.0	4.3	6.0	6.9
ASPEN	8.7	9.0	1.7	8.3	6.9
BA 72-492 (ESTATE)	8.7	8.0	5.3	5.7	6.9
AMAZON	9.0	8.3	3.0	7.0	6.8
BARZAN	7.3	8.3	5.0	6.7	6.8
CYNTHIA	6.7	7.0	6.0	7.7	6.8
LIBERTY	8.0	8.3	5.0	6.0	6.8
DAWN	8.3	8.7	5.3	5.0	6.8
VICTA	8.0	7.3	4.0	8.0	6.8
ABLE I	7.3	8.7	4.7	6.3	6.8
BAR VB 534	6.7	8.7	5.7	6.0	6.8
HV 97 (COCKTAIL)	9.0	9.0	6.3	2.7	6.8
TRENTON	9.0	8.7	2.7	6.7	6.8
WW AG 468	8.7	8.3	3.7	6.3	6.8
WW AG 496	7.7	8.0	3.3	8.0	6.8
A-34	8.3	8.0	4.0	6.3	6.7
BA 72-500 (CHATEAU)	8.3	8.0	5.3	5.0	6.7
BA 73-626 (KELLY)	6.3	9.0	5.3	6.0	6.7
BAR VB 577	7.3	8.7	4.3	6.3	6.7
BLACKSBURG	7.0	9.0	3.3	7.3	6.7
MERIT	7.3	8.7	3.3	7.3	6.7
TENDOS	9.0	8.7	3.0	6.0	6.7
CLASSIC	8.3	9.0	2.3	6.7	6.6
HUNTSVILLE	8.3	8.3	3.0	6.7	6.6
NASSAU	9.0	8.3	3.0	6.0	6.6
COMPACT	7.3	8.7	4.3	6.0	6.6

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IN1	MO1	NE1	PA1	MEAN
CONNI	7.7	8.3	3.3	7.0	6.6
MONOPOLY	7.7	8.7	3.3	6.7	6.6
239 (SUFFOLK)	7.7	8.3	3.0	7.0	6.5
CHALLENGER	8.7	8.7	2.7	6.0	6.5
GEORGETOWN	9.0	8.0	3.0	6.0	6.5
NE 80-88	9.0	7.7	3.0	6.3	6.5
GLADE	6.3	7.7	4.7	7.0	6.4
PST-CB1	8.3	9.0	2.3	6.0	6.4
HARMONY	6.7	7.7	4.7	6.3	6.3
PARADE	9.0	8.0	3.3	5.0	6.3
RAM-1	6.7	8.7	4.0	6.0	6.3
BA 69-82	8.3	7.3	3.5	6.0	6.3
AQUILA	6.7	8.0	4.7	5.7	6.3
K3-178	8.3	8.3	4.3	4.0	6.3
S.D. CERTIFIED	8.7	7.7	2.3	6.3	6.3
WELCOME	5.7	8.7	4.7	5.7	6.2
DESTINY	8.3	8.7	2.3	5.3	6.2
JULIA	9.0	7.0	4.3	4.3	6.2
WW AG 491	7.0	6.7	4.5	6.3	6.1
ANNIKA	8.3	8.3	3.0	4.7	6.1
IKONE	8.3	6.3	4.0	5.7	6.1
BA 70-139 (COVENTRY)	8.3	6.7	2.3	6.7	6.0
CHERI	6.7	8.0	4.0	5.3	6.0
MERION	8.7	7.3	2.3	5.7	6.0
BA 73-540	8.7	6.0	2.7	5.3	5.7
WW AG 495	5.3	6.7	3.7	5.3	5.3
MYSTIC	4.3	6.3	3.7	5.7	5.0
LSD VALUE	2.3	1.7	1.8	2.1	1.0

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).

TABLE 16. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	ID2	MEAN
ABLE I	9.0	9.0
ASPEN	9.0	9.0
ASSET	9.0	9.0
BA 69-82	9.0	9.0
BA 70-242	9.0	9.0
BAR VB 577	9.0	9.0
BARON	9.0	9.0
BARZAN	9.0	9.0
CLASSIC	9.0	9.0
COMPACT	9.0	9.0
CONNI	9.0	9.0
CYNTHIA	9.0	9.0
DAWN	9.0	9.0
DESTINY	9.0	9.0
F-1872 (FREEDOM)	9.0	9.0
GEORGETOWN	9.0	9.0
GLADE	9.0	9.0
HAGA	9.0	9.0
JOY	9.0	9.0
JULIA	9.0	9.0
K1-152	9.0	9.0
K3-178	9.0	9.0
KENBLUE	9.0	9.0
LIBERTY	9.0	9.0
LOFTS 1757	9.0	9.0
MERION	9.0	9.0
MERIT	9.0	9.0
MONOPOLY	9.0	9.0
NASSAU	9.0	9.0
NE 80-88	9.0	9.0
P-104 (PRINCETON 104)	9.0	9.0
PARADE	9.0	9.0
PST-CB1	9.0	9.0
RAM-1	9.0	9.0
SYDSFORT	9.0	9.0
TRENTON	9.0	9.0
VICTA	9.0	9.0
WELCOME	9.0	9.0
239 (SUFFOLK)	8.7	8.7
A-34	8.7	8.7
AQUILA	8.7	8.7
BA 70-139 (COVENTRY)	8.7	8.7
BA 73-626 (KELLY)	8.7	8.7
BLACKSBURG	8.7	8.7
CHERI	8.7	8.7

NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	ID2	MEAN
HARMONY	8.7	8.7
MYSTIC	8.7	8.7
S.D. CERTIFIED	8.7	8.7
WW AG 468	8.7	8.7
WW AG 496	8.7	8.7
AMERICA	8.3	8.3
BA 72-492 (ESTATE)	8.3	8.3
BRISTOL	8.3	8.3
CHALLENGER	8.3	8.3
GNOME	8.3	8.3
HUNTSVILLE	8.3	8.3
RUGBY	8.3	8.3
WW AG 491	8.3	8.3
BA 72-500 (CHATEAU)	8.0	8.0
MIDNIGHT	8.0	8.0
SOMERSET	8.0	8.0
WABASH	8.0	8.0
BAR VB 534	7.7	7.7
ECLIPSE	7.7	7.7
IKONE	7.7	7.7
TENDOS	7.7	7.7
BA 73-540	7.3	7.3
BA 72-441 (ABBEY)	7.0	7.0
AMAZON	6.3	6.3
WW AG 495	6.3	6.3
ANNIKA	5.7	5.7
HV 97 (COCKTAIL)	5.7	5.7
LSD VALUE	1.8	1.8

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).

TABLE 17. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	IN1	PA2	MEAN
239 (SUFFOLK)	9.0	9.0	9.0
ABLE I	9.0	9.0	9.0
AQUILA	9.0	9.0	9.0
ASPEN	9.0	9.0	9.0
ASSET	9.0	9.0	9.0
BA 70-242	9.0	9.0	9.0
BA 72-441 (ABBEY)	9.0	9.0	9.0
BA 73-626 (KELLY)	9.0	9.0	9.0
BAR VB 534	9.0	9.0	9.0
BAR VB 577	9.0	9.0	9.0
BARON	9.0	9.0	9.0
BARZAN	9.0	.	9.0
BLACKSBURG	9.0	9.0	9.0
BRISTOL	9.0	9.0	9.0
CHALLENGER	9.0	9.0	9.0
CLASSIC	9.0	9.0	9.0
CYNTHIA	9.0	9.0	9.0
ECLIPSE	9.0	9.0	9.0
GEORGETOWN	9.0	9.0	9.0
GLADE	9.0	9.0	9.0
GNOME	9.0	.	9.0
HAGA	9.0	9.0	9.0
HUNTSVILLE	9.0	.	9.0
K3-178	9.0	9.0	9.0
KENBLUE	9.0	9.0	9.0
LIBERTY	9.0	.	9.0
LOFTS 1757	9.0	9.0	9.0
MERION	9.0	9.0	9.0
MERIT	9.0	9.0	9.0
MIDNIGHT	9.0	9.0	9.0
MONOPOLY	9.0	9.0	9.0
MYSTIC	9.0	9.0	9.0
NASSAU	9.0	9.0	9.0
NE 80-88	9.0	.	9.0
P-104 (PRINCETON 104)	9.0	.	9.0
RUGBY	9.0	9.0	9.0
S.D. CERTIFIED	9.0	9.0	9.0
SOMERSET	9.0	9.0	9.0
TENDOS	9.0	.	9.0
TRENTON	9.0	9.0	9.0
VICTA	9.0	9.0	9.0
WABASH	9.0	9.0	9.0
WELCOME	9.0	9.0	9.0
A-34	9.0	8.7	8.8
HARMONY	9.0	8.7	8.8

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

NAME	IN1	PA2	MEAN
JOY	9.0	8.7	8.8
AMERICA	9.0	8.3	8.7
WW AG 468	8.3	9.0	8.7
WW AG 491	8.3	9.0	8.7
BA 72-500 (CHATEAU)	8.3	8.7	8.5
DESTINY	8.3	.	8.3
F-1872 (FREEDOM)	8.3	.	8.3
PARADE	7.7	9.0	8.3
PST-CB1	8.3	.	8.3
K1-152	7.3	9.0	8.2
RAM-1	7.3	9.0	8.2
WW AG 495	7.7	8.7	8.2
BA 72-492 (ESTATE)	6.0	9.0	7.5
CHERI	6.7	8.3	7.5
WW AG 496	6.0	9.0	7.5
JULIA	8.3	6.3	7.3
ANNIKA	7.3	.	7.3
COMPACT	7.3	.	7.3
IKONE	7.3	7.3	7.3
BA 69-82	5.0	9.0	7.0
CONNI	7.0	.	7.0
DAWN	5.3	8.7	7.0
HV 97 (COCKTAIL)	7.3	6.7	7.0
SYDSPORT	4.3	9.0	6.7
BA 70-139 (COVENTRY)	3.7	8.7	6.2
AMAZON	6.3	5.3	5.8
BA 73-540	1.3	9.0	5.2
LSD VALUE	2.2	0.9	1.4

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).

TABLE 18. CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

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

NAME	MO1	WA4	MEAN
AMERICA	9.0	9.0	9.0
ANNIKA	9.0	9.0	9.0
AQUILA	9.0	9.0	9.0
BA 70-139 (COVENTRY)	9.0	9.0	9.0
BA 72-500 (CHATEAU)	9.0	9.0	9.0
BRISTOL	9.0	9.0	9.0
COMPACT	9.0	9.0	9.0
HUNTSVILLE	9.0	9.0	9.0
HV 97 (COCKTAIL)	9.0	9.0	9.0
JOY	9.0	9.0	9.0
K1-152	9.0	9.0	9.0
KENBLUE	9.0	9.0	9.0
NE 80-88	9.0	.	9.0
S.D. CERTIFIED	9.0	9.0	9.0
SOMERSET	9.0	9.0	9.0
ASSET	9.0	8.7	8.8
BAR VB 577	8.7	9.0	8.8
NASSAU	8.7	9.0	8.8
WABASH	9.0	8.7	8.8
BARZAN	8.3	9.0	8.7
CHERI	8.3	9.0	8.7
HAGA	9.0	8.3	8.7
BA 69-82	9.0	8.0	8.5
LIBERTY	9.0	8.0	8.5
LOFTS 1757	8.3	8.7	8.5
RUGBY	9.0	8.0	8.5
DESTINY	9.0	7.7	8.3
F-1872 (FREEDOM)	9.0	7.7	8.3
PST-CB1	9.0	7.7	8.3
CONNI	8.0	8.7	8.3
239 (SUFFOLK)	9.0	7.3	8.2
ASPEN	9.0	7.3	8.2
BA 72-492 (ESTATE)	9.0	7.3	8.2
CLASSIC	9.0	7.3	8.2
MONOPOLY	9.0	7.3	8.2
BA 73-540	9.0	7.0	8.0
CHALLENGER	7.7	8.3	8.0
GLADE	9.0	7.0	8.0
MERIT	8.3	7.7	8.0
P-104 (PRINCETON 104)	7.7	8.3	8.0
WW AG 496	7.7	8.3	8.0
K3-178	9.0	6.7	7.8
SYDSPORT	9.0	6.7	7.8
TRENTON	9.0	6.7	7.8
BA 70-242	7.7	7.7	7.7

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

CROWN RUST RATINGS 1-9; 9=NO DISEASE

NAME	MO1	WA4	MEAN
IKONE	8.3	7.0	7.7
A-34	9.0	6.3	7.7
BARON	8.0	7.3	7.7
RAM-1	8.0	7.3	7.7
TENDOS	9.0	6.3	7.7
VICTA	8.7	6.7	7.7
ABLE I	7.7	7.3	7.5
ECLIPSE	8.0	7.0	7.5
HARMONY	6.7	8.3	7.5
WELCOME	6.0	9.0	7.5
WW AG 491	8.3	6.7	7.5
DAWN	8.7	5.7	7.2
GEORGETOWN	9.0	5.3	7.2
PARADE	9.0	5.3	7.2
BLACKSBURG	7.3	6.7	7.0
JULIA	7.3	6.7	7.0
MYSTIC	5.0	9.0	7.0
BA 72-441 (ABBAY)	7.3	6.3	6.8
MIDNIGHT	8.3	5.0	6.7
AMAZON	7.0	6.3	6.7
BAR VB 534	4.7	8.7	6.7
WW AG 468	4.3	9.0	6.7
GNOME	8.7	4.3	6.5
BA 73-626 (KELLY)	8.7	4.0	6.3
WW AG 495	3.7	9.0	6.3
CYNTHIA	4.7	7.7	6.2
MERION	4.7	7.7	6.2
LSD VALUE	1.2	3.2	1.7

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).

TABLE 19. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE 1/			
NAME	NE1	NE2	MEAN
BA 73-626 (KELLY)	5.7	5.3	5.5
HAGA	5.7	5.3	5.5
BA 72-441 (ABBEY)	5.7	5.0	5.3
COMPACT	5.0	5.7	5.3
BAR VB 534	5.0	5.3	5.2
DAWN	4.3	6.0	5.2
JULIA	5.0	5.3	5.2
K3-178	5.3	5.0	5.2
MERIT	5.3	5.0	5.2
239 (SUFFOLK)	5.0	5.0	5.0
LIBERTY	5.0	5.0	5.0
MERION	4.0	6.0	5.0
BA 69-82	5.5	4.3	4.9
IKONE	4.5	5.3	4.9
GEORGETOWN	5.0	4.7	4.8
NASSAU	4.7	5.0	4.8
PST-CB1	4.0	5.7	4.8
AMAZON	5.3	4.3	4.8
HV 97 (COCKTAIL)	5.3	4.3	4.8
K1-152	5.3	4.3	4.8
NE 80-88	5.3	4.3	4.8
VICTA	4.3	5.3	4.8
BAR VB 577	4.7	4.7	4.7
ASSET	5.0	4.3	4.7
BARON	4.3	5.0	4.7
CONNI	5.3	4.0	4.7
AMERICA	4.7	4.3	4.5
AQUILA	5.0	4.0	4.5
BLACKSBURG	4.7	4.3	4.5
CYNTHIA	4.0	5.0	4.5
DESTINY	4.0	5.0	4.5
ECLIPSE	4.7	4.3	4.5
F-1872 (FREEDOM)	5.0	4.0	4.5
KENBLUE	4.3	4.7	4.5
LOFTS 1757	4.0	5.0	4.5
SOMERSET	5.0	4.0	4.5
WW AG 491	5.0	4.0	4.5
SYDSPORT	4.5	4.3	4.4
BA 70-242	4.0	4.7	4.3
BA 73-540	5.0	3.7	4.3
CHERI	4.3	4.3	4.3
HUNTSVILLE	4.3	4.3	4.3
JOY	5.0	3.7	4.3
PARADE	4.3	4.3	4.3
RUGBY	4.3	4.3	4.3

BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1989 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE

NAME	NE1	NE2	MEAN
WABASH	4.3	4.3	4.3
WW AG 496	4.3	4.3	4.3
ABLE I	5.0	3.3	4.2
BA 72-492 (ESTATE)	4.7	3.7	4.2
BRISTOL	3.7	4.7	4.2
GNOME	3.7	4.7	4.2
RAM-1	4.7	3.7	4.2
ANNIKA	4.0	4.3	4.2
CLASSIC	4.3	4.0	4.2
P-104 (PRINCETON 104)	4.3	4.0	4.2
TRENTON	4.0	4.3	4.2
ASPEN	4.0	4.0	4.0
BA 72-500 (CHATEAU)	4.7	3.3	4.0
CHALLENGER	3.7	4.3	4.0
HARMONY	4.3	3.7	4.0
WELCOME	4.3	3.7	4.0
WW AG 495	4.0	4.0	4.0
MYSTIC	4.7	3.0	3.8
BA 70-139 (COVENTRY)	4.3	3.3	3.8
BARZAN	4.0	3.7	3.8
GLADE	4.3	3.3	3.8
MONOPOLY	3.3	4.0	3.7
WW AG 468	2.7	4.7	3.7
TENDOS	4.3	3.0	3.7
A-34	4.0	3.0	3.5
S.D. CERTIFIED	3.3	3.7	3.5
MIDNIGHT	3.7	3.0	3.3
LSD VALUE	2.0	1.9	1.4

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).