

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.

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Executive Coordinator, NTEP Policy Committee - J. Jack Murray

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LOCATIONS SUBMITTING DATA FOR 1990

<u>State</u>	<u>Location</u>	<u>Code</u>
British Columbia	Agassiz (mechanical wear applied - Summer)	BC1
California	Riverside	CA3
District of Columbia	Washington Monument Grounds	DC1
Idaho	Post Falls	ID2
Illinois	Carbondale (high maintenance)	IL1
Illinois	Carbondale (low maintenance)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
Missouri	Columbia (mechanical wear applied - Spring, Fall)	MO1
Nebraska	Lincoln	NE1
Nebraska	Mead	NE3
New Jersey	Adelphia	NJ1
New Jersey	Adelphia	NJ2
Ohio	Columbus	OH1
Oregon	Hubbard	OR1
Rhode Island	Kingston	RI1
South Dakota	Brookings	SD1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Ritzville (dense shade)	WA4

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.

1990 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	LOAM	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
CA3	SANDY LOAM	6.6-7.0	-	-	5.1-6.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
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	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IL2	SILTY CLAY AND CLAY	6.1-6.5	61-150	151-240	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION
IN1	SILT LOAM AND SILT	6.6-7.0	61-150	376-500	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	271-450	241-375	2.1-3.0	FULL SUN	1.6-2.0	NO IRRIGATION
MD1	SANDY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MI1	SANDY LOAM	7.1-7.5	61-150	0-150	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MO1	SILTY CLAY LOAM	5.6-6.0	61-150	0-150	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NE1	SILTY CLAY LOAM	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NE3	SILTY CLAY LOAM	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NJ1	SANDY LOAM	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NJ2	SANDY LOAM	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
OH1	SILTY CLAY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OR1	SILT LOAM AND SILT	5.6-6.0	151-270	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
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	271-450	0-150	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	5.6-6.0	0-60	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
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 1990

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
BC1	X		X	X	X	X	X	X	X	X	X	X
CA3	X	X	X	X	X	X	X	X	X		X	X
DC1			X		X	X	X	X	X			
IA1					X	X	X	X	X			
ID2								X				
IL1			X	X	X	X	X	X				
IL2			X	X	X	X	X	X				
IN1				X	X	X	X	X	X			
KS2							X					
KY1			X	X	X	X	X	X	X	X		
MD1				X		X	X	X			X	
MI1					X	X	X	X	X	X		
MO1				X			X					X
NE1						X	X	X				
NE3						X	X	X				
NJ1					X	X	X	X			X	
NJ2				X				X			X	
OH1												
OR1	X	X	X	X	X	X	X	X	X	X	X	X
RI1					X	X	X	X	X	X	X	
SD1					X	X	X	X	X	X		
UB1					X	X	X			X		
VA1				X	X	X	X	X		X	X	
WA1				X	X		X					
WA4							X					

TABLE B. (continued)

LOCATIONS AND DATA COLLECTED IN 1990

LOCATION	SPRING GREENUP RATING	GENETIC COLOR RATING	LEAF TEXTURE RATING	WEAR TOLERANCE	SPRING DENSITY	SUMMER DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	LEAF SPOT	RED THREAD	STRIPE SMUT	CROWN RUST
BC1		X	X	X						X			X
CA3													
DC1													
IA1													
ID2													
IL1													
IL2													
IN1	X												
KS2													
KY1													
MD1													
MI1	X												
MO1							X	X	X				
NE1		X											
NE3		X											
NJ1												X	
NJ2													
OH1		X											
OR1													
RI1	X												
SD1	X	X	X		X	X							
UB1	X									X			
VA1											X		
WA1													
WA4													

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-FOUR LOCATIONS IN THE UNITED STATES AND CANADA
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/												
	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1
* BLACKSBURG	7.0	5.7	1.4	6.1	7.7	6.4	7.7	6.1	7.3	7.0	6.1	4.9	4.9
* MIDNIGHT	5.8	6.2	1.7	5.2	8.3	6.3	6.5	7.2	8.3	6.5	6.5	6.6	5.2
* ASSET	6.1	5.8	3.9	5.8	7.7	6.8	6.0	6.8	8.0	7.3	4.5	6.0	5.2
* P-104 (PRINCETON 104)	7.0	5.5	1.7	5.9	7.0	6.9	6.4	6.0	8.0	6.4	6.6	7.4	4.6
* ECLIPSE	5.4	5.5	1.7	5.8	7.3	6.3	6.6	7.0	7.3	6.8	6.2	6.3	5.0
* WABASH	4.5	5.3	4.4	7.1	7.3	7.1	7.1	6.8	6.0	7.3	6.1	5.5	6.0
* AMERICA	4.4	5.7	2.6	5.6	7.0	6.4	6.4	6.8	7.3	7.1	5.4	5.1	5.6
* JULIA	5.7	5.7	4.1	6.1	7.7	6.3	6.7	6.8	8.0	6.4	5.0	4.3	6.1
* BA 72-500 (CHATEAU)	6.8	5.8	2.3	5.1	7.3	6.4	6.6	6.6	8.3	6.0	5.0	4.7	6.6
* LOFTS 1757	6.3	6.0	2.5	6.1	7.7	6.7	6.5	6.4	7.3	6.2	5.7	6.0	5.1
* A-34	6.7	5.6	4.3	6.6	7.7	6.6	6.0	6.2	6.7	6.7	6.2	4.0	6.3
* ABLE I	5.4	5.7	1.5	6.1	8.3	6.9	6.7	6.8	7.3	6.6	5.3	5.4	4.8
* SOMERSET	5.8	5.7	2.0	6.5	7.0	6.7	6.6	6.9	6.7	6.5	5.7	6.2	6.3
* MYSTIC	5.3	5.5	1.9	6.3	7.3	7.3	5.7	7.1	6.7	7.0	5.5	5.8	5.0
* ASPEN	5.3	6.1	2.1	4.9	7.3	7.6	6.8	6.9	7.3	6.8	5.5	5.9	5.4
BA 73-540	6.2	5.8	2.8	5.5	7.0	6.2	6.9	5.2	8.7	6.3	5.4	4.7	5.9
* F-1872 (FREEDOM)	.	5.5	.	6.1	7.0	6.7	6.3	5.4	6.7	6.5	6.2	5.1	6.3
* CHALLENGER	5.9	5.9	1.6	4.7	7.3	7.2	6.1	6.7	8.0	6.3	4.9	6.2	5.1
* BA 70-139 (COVENTRY)	6.7	5.9	2.4	5.2	8.0	6.2	6.9	4.9	8.3	6.4	4.9	5.1	6.4
* RAM-1	6.0	6.0	1.9	5.8	8.7	5.6	6.2	5.5	8.0	6.3	5.3	5.2	5.1
* GLADE	6.3	6.0	2.5	5.8	7.3	5.7	6.3	6.3	7.0	6.8	5.3	5.0	5.8
NE 80-88	.	5.7	.	6.1	6.0	7.2	6.4	6.6	7.0	6.8	4.9	5.4	4.9
* DAWN	.	5.9	3.4	5.1	7.3	6.8	6.5	6.2	7.7	6.2	5.5	5.4	5.1
* CHERI	6.8	5.9	1.5	4.9	7.3	6.3	6.5	5.4	7.7	6.3	5.0	5.1	5.4
BA 69-82	6.0	5.9	3.1	5.2	7.7	6.8	6.7	6.3	7.7	6.3	5.1	4.5	6.2
* HAGA	5.5	5.8	4.2	5.5	7.3	6.8	6.3	6.6	6.7	6.3	5.9	4.8	5.6
BAR VB 534	5.3	5.7	2.6	5.9	7.3	6.3	6.1	6.3	7.0	6.4	6.1	4.2	5.2
* SYDSPORT	6.7	5.8	2.8	5.3	7.3	6.2	5.9	5.2	7.0	6.0	4.6	5.1	5.4
* BRISTOL	5.3	6.0	2.2	5.1	7.3	6.2	6.5	6.4	7.3	6.4	5.9	5.2	5.3
* MONOPOLY	5.4	5.7	4.4	6.5	6.3	6.9	7.1	6.7	7.3	6.6	5.6	5.4	5.2
* AQUILA	5.5	5.9	1.8	5.7	7.3	6.3	6.6	6.6	7.7	6.8	6.0	5.4	5.2
* CLASSIC	5.7	5.8	2.4	5.9	7.7	6.7	6.4	6.3	6.3	6.3	5.1	5.1	5.9
* CONNI	.	5.8	1.6	5.5	7.3	5.7	5.9	5.9	8.0	6.0	5.4	4.7	3.0
* GEORGETOWN	5.6	5.5	3.4	6.9	6.7	7.2	6.3	6.2	7.0	6.5	5.5	4.4	5.2
* IKONE	5.5	5.8	3.1	6.2	8.0	6.1	6.5	5.8	8.3	6.2	5.3	4.8	5.3
WELCOME	7.2	5.8	1.7	5.1	7.0	6.1	6.2	6.7	8.0	6.2	4.3	5.1	4.0
* BA 73-626 (KELLY)	5.7	5.8	2.9	5.8	7.7	5.9	6.4	5.8	7.7	6.2	5.7	5.4	5.2
* TRENTON	5.8	5.7	2.6	5.9	6.7	7.1	6.2	6.8	6.3	6.3	5.5	5.1	6.0
* CYNTHIA	5.7	5.6	2.1	5.9	7.7	7.3	6.4	6.8	6.0	6.3	5.9	4.3	4.7
* BA 72-492 (ESTATE)	6.5	5.8	2.0	5.4	7.0	5.9	6.9	6.2	7.7	6.1	4.5	3.9	5.6
WW AG 496	5.6	5.7	3.2	5.3	7.7	6.8	6.7	5.6	7.7	6.2	5.9	4.2	4.8
* LIBERTY	.	5.7	2.7	5.7	7.3	6.4	6.4	6.3	7.0	6.6	5.0	4.9	5.7
* HUNTSVILLE	.	5.7	2.3	6.3	7.0	6.9	6.9	6.6	7.0	6.4	5.3	5.3	4.8
PST-CB1	.	5.6	2.9	5.6	7.0	6.6	6.6	6.6	7.0	6.4	6.0	5.4	5.7
* VICTA	6.4	5.8	2.4	5.1	7.0	5.3	6.8	5.6	8.0	6.2	5.1	5.4	4.8

TABLE 1. (continued) MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-FOUR LOCATIONS IN THE UNITED STATES AND CANADA
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF												
	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1
* BA 72-441 (ABBEEY)	5.5	5.8	1.9	5.5	7.3	5.9	6.4	5.9	7.3	6.3	5.0	5.6	5.2
* TENDOS	6.9	6.1	1.6	5.7	6.7	6.1	6.3	6.8	7.7	5.9	4.2	5.3	5.2
* 239 (SUFFOLK)	5.2	6.0	2.7	5.7	6.0	6.9	6.6	6.6	6.3	6.3	5.6	4.9	5.7
* RUGBY	5.4	5.9	2.3	6.0	6.3	6.7	6.8	5.9	6.3	6.3	5.4	4.6	5.8
* BA 70-242 (MARQUIS)	5.3	5.9	1.5	5.5	7.3	6.4	6.8	6.0	7.3	6.2	6.5	5.7	4.1
* MERION	5.6	5.7	1.4	5.1	8.0	6.6	6.1	6.7	7.0	5.9	3.5	5.6	4.3
* MERIT	5.7	5.7	2.6	5.2	8.3	6.1	6.7	5.4	7.3	6.2	5.0	5.2	5.3
WW AG 491	5.3	5.9	3.5	5.7	7.7	6.3	6.2	5.4	7.7	6.6	4.5	4.6	5.4
* DESTINY	.	6.0	1.7	5.9	7.0	6.2	6.3	5.9	8.0	6.3	4.5	5.0	4.3
HV 97 (COCKTAIL)	6.0	5.8	1.7	5.2	7.3	5.9	6.1	6.2	7.0	6.0	4.7	4.8	4.3
* BARON	5.2	5.5	1.7	5.5	7.0	5.9	6.4	5.9	7.3	5.9	6.0	4.8	5.1
* PARADE	5.2	5.7	3.4	5.9	7.0	7.1	6.2	6.4	6.3	6.5	5.7	5.3	5.7
* NASSAU	5.1	5.9	1.4	6.5	7.7	6.3	6.4	6.5	8.0	6.0	4.2	4.8	4.7
K1-152	5.8	5.7	3.1	5.7	7.3	6.5	6.5	5.7	6.0	6.5	4.8	5.1	5.6
WW AG 468	5.3	5.6	1.2	5.3	7.0	5.8	6.3	6.3	7.7	6.6	4.5	5.2	3.8
K3-178	5.0	5.6	2.1	5.7	7.7	6.2	6.2	6.1	6.3	6.5	5.1	5.8	5.7
WW AG 495	4.4	6.0	2.8	6.1	7.7	6.5	6.0	6.3	7.3	6.0	4.1	4.2	3.9
* AMAZON	5.5	5.7	1.3	5.9	6.3	6.0	6.8	6.1	6.0	6.3	5.3	4.3	4.2
COMPACT	.	5.5	1.4	4.9	7.0	6.2	6.9	6.1	7.0	6.0	5.2	4.4	4.6
* JOY	4.5	5.5	4.9	7.0	7.7	7.1	6.5	6.1	6.3	5.7	4.7	5.2	5.9
HARMONY	5.7	5.8	1.6	5.8	6.7	6.4	6.8	5.9	7.3	5.8	5.1	4.9	4.7
BAR VB 577 (BARLYMPIA)	4.7	5.9	1.5	4.7	6.3	5.8	6.1	6.3	7.7	5.9	3.5	5.4	5.1
ANNIKA	.	5.6	1.4	5.1	6.7	5.7	5.4	6.1	8.0	5.9	4.1	4.8	4.7
* BARZAN	5.9	5.8	1.7	5.5	6.7	5.8	6.1	6.5	7.3	5.9	5.9	4.2	4.4
* GNOME	4.6	5.5	2.3	4.8	6.3	5.8	6.7	6.1	7.3	5.3	5.3	5.2	4.8
* KENBLUE	4.5	5.3	3.1	7.1	6.7	6.8	6.1	5.7	6.3	6.1	5.1	4.8	4.3
* S.D. CERTIFIED	4.8	5.2	1.3	6.7	6.3	6.1	6.5	5.7	5.7	5.9	4.3	4.9	4.9
LSD VALUE	0.9	0.5	1.5	1.1	1.4	1.0	0.9	1.2	1.1	0.5	1.7	0.9	1.2

* COMMERCIALY AVAILABLE IN THE UNITED STATES IN 1991

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 1. (continued) MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-FOUR LOCATIONS IN THE UNITED STATES AND CANADA
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											MEAN
	NE1	NE3	NJ1	NJ2	OR1	RI1	SD1	UB1	VA1	WA1	WA4	
BLACKSBURG	8.1	5.8	7.7	7.0	7.3	7.3	7.0	7.9	6.7	5.9	6.0	6.5
MIDNIGHT	6.3	5.7	7.9	6.8	7.1	6.9	7.2	7.8	6.2	5.6	4.3	6.3
ASSET	5.2	5.3	6.7	6.4	6.8	7.4	7.1	6.9	5.6	5.1	7.3	6.2
P-104 (PRINCETON 104)	4.6	5.4	7.2	7.4	6.8	7.9	6.2	7.7	6.6	6.2	4.0	6.2
ECLIPSE	5.3	5.5	6.7	6.8	7.1	7.8	7.2	7.5	6.2	5.9	5.3	6.2
WABASH	6.8	6.2	4.4	5.0	5.0	6.9	7.2	6.7	5.6	5.6	6.7	6.1
AMERICA	5.8	5.2	5.9	5.6	6.5	7.2	7.4	7.7	6.1	5.8	8.0	6.1
JULIA	6.0	5.3	5.8	5.6	6.3	7.0	6.9	6.9	5.5	5.4	6.7	6.1
BA 72-500 (CHATEAU)	6.8	5.8	5.5	5.8	5.2	6.8	6.4	6.3	6.0	5.8	8.0	6.1
LOFTS 1757	4.7	4.8	6.4	6.4	6.6	6.9	6.4	7.6	6.3	5.3	5.7	6.1
A-34	7.0	5.8	4.8	4.2	5.8	7.9	5.5	6.5	6.0	5.4	6.7	6.0
ABLE I	4.7	5.2	6.7	5.3	6.5	7.7	6.8	7.5	5.6	4.8	7.0	6.0
SOMERSET	5.1	5.5	5.9	4.9	5.7	7.3	6.8	6.7	5.9	4.9	7.3	6.0
MYSTIC	7.0	5.8	5.5	5.0	4.8	7.7	7.4	7.2	5.2	5.1	6.7	6.0
ASPEN	3.7	5.3	6.6	5.2	5.7	7.2	7.3	7.3	6.2	5.2	5.7	6.0
BA 73-540	5.6	6.1	5.6	5.2	5.8	7.1	6.6	7.1	5.4	5.9	5.0	5.9
F-1872 (FREEDOM)	4.1	4.8	4.7	4.6	5.3	6.6	6.8	6.3	5.7	5.8	7.0	5.9
CHALLENGER	5.2	5.1	6.4	4.8	6.1	6.6	6.8	6.0	5.6	5.9	7.0	5.9
BA 70-139 (COVENTRY)	5.0	5.7	5.3	4.3	5.2	7.1	6.4	6.4	6.1	5.3	6.7	5.9
RAM-1	5.6	5.3	6.3	6.0	5.1	6.0	7.3	7.0	5.5	5.1	6.3	5.9
GLADE	6.3	6.1	6.6	5.7	4.6	6.7	6.9	6.9	5.8	5.0	4.0	5.9
NE 80-88	4.9	6.2	5.2	4.1	5.6	6.3	7.0	6.5	5.1	5.6	.	5.9
DAWN	4.7	4.8	5.7	4.2	6.1	5.9	7.0	7.1	5.8	5.4	6.7	5.9
CHERI	5.2	5.3	5.3	5.0	5.4	7.4	6.2	6.7	6.1	5.8	8.0	5.9
BA 69-82	4.8	5.3	5.2	4.8	5.4	7.0	6.9	6.1	5.7	5.6	6.3	5.9
HAGA	4.1	4.9	5.1	4.9	5.6	6.7	7.0	6.3	6.0	5.4	6.7	5.8
BAR VB 534	5.1	6.3	5.5	5.9	5.0	7.2	7.4	6.3	5.7	4.2	7.0	5.8
SYDSPORT	6.3	5.3	5.5	6.0	5.4	6.8	6.7	6.5	5.7	6.2	6.0	5.8
BRISTOL	4.7	5.0	5.8	5.1	6.6	6.4	7.0	6.5	5.8	5.2	5.7	5.8
MONOPOLY	4.4	4.3	4.5	4.6	4.9	7.1	6.4	5.7	6.4	5.0	6.0	5.8
AQUILA	5.6	5.3	5.3	4.6	5.1	6.6	6.4	6.9	5.4	5.0	5.3	5.8
CLASSIC	4.2	4.8	5.1	4.2	5.7	6.6	7.1	5.8	5.8	5.4	6.7	5.7
CONNI	5.3	6.1	6.0	3.4	5.9	7.9	6.9	7.6	5.3	4.9	7.3	5.7
GEORGETOWN	3.8	5.3	5.1	4.8	5.0	7.0	6.9	5.9	5.7	5.6	5.7	5.7
IKONE	5.2	5.1	5.5	5.1	5.5	6.4	6.7	6.0	5.1	5.1	4.3	5.7
WELCOME	5.4	5.5	5.3	5.2	5.3	6.3	7.5	6.5	5.9	4.7	6.0	5.7
BA 73-626 (KELLY)	4.2	4.9	6.1	4.7	5.4	6.7	6.1	6.0	6.0	5.2	5.3	5.7
TRENTON	4.3	5.4	5.1	4.3	5.4	7.0	6.3	6.3	5.6	5.7	5.3	5.7
CYNTHIA	3.8	5.3	5.6	5.8	4.8	7.4	7.0	7.5	4.9	4.2	6.0	5.7
BA 72-492 (ESTATE)	5.9	6.0	5.7	5.0	5.8	7.3	6.7	6.1	5.3	5.3	4.0	5.7
WW AG 496	3.9	5.3	5.5	5.3	5.2	7.1	7.0	6.2	5.7	5.0	5.0	5.7
LIBERTY	4.2	5.0	5.1	4.6	5.8	6.8	6.5	6.0	5.8	5.8	5.3	5.7
HUNTSVILLE	4.6	4.9	4.8	4.6	5.4	7.2	6.9	6.7	5.4	5.2	4.0	5.7
PST-CB1	3.7	4.4	5.1	4.3	5.9	6.8	5.7	6.3	5.7	5.3	5.0	5.6
VICTA	4.3	5.2	6.0	4.8	5.0	7.1	6.6	6.3	5.8	4.6	5.7	5.6

TABLE 1. (continued) MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
AT TWENTY-FOUR LOCATIONS IN THE UNITED STATES AND CANADA
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF											
	NE1	NE3	NJ1	NJ2	OR1	RI1	SD1	UB1	VA1	WA1	WA4	MEAN
BA 72-441 (ABBEY)	4.7	5.2	5.9	4.6	5.1	6.7	6.6	6.3	5.9	5.1	5.0	5.6
TENDOS	4.8	5.1	6.3	4.2	6.2	6.0	6.6	6.2	5.6	4.7	4.7	5.6
239 (SUFFOLK)	3.8	4.7	4.9	4.4	5.6	6.9	6.8	6.8	5.8	5.3	4.3	5.6
RUGBY	3.6	4.8	5.4	4.4	5.4	7.0	6.8	5.9	6.1	5.6	5.3	5.6
BA 70-242 (MARQUIS)	3.3	4.5	5.1	4.2	4.8	6.9	5.9	6.3	5.7	4.9	7.3	5.6
MERION	5.1	4.7	5.5	5.0	5.5	6.9	6.6	5.3	5.6	5.7	6.3	5.6
MERIT	4.8	5.0	5.5	4.0	5.4	6.9	6.5	6.0	5.3	5.1	4.3	5.6
WW AG 491	4.7	5.2	4.5	4.2	4.7	7.0	6.3	6.4	5.6	5.0	5.0	5.6
DESTINY	3.7	4.8	5.8	4.0	5.5	6.4	6.6	6.3	5.6	5.7	6.3	5.5
HV 97 (COCKTAIL)	5.6	5.1	5.2	3.7	5.5	5.4	6.9	7.5	5.3	4.9	7.0	5.5
BARON	3.6	5.4	5.0	4.6	4.8	6.8	7.1	6.4	5.6	5.1	6.3	5.5
PARADE	2.7	4.8	4.2	4.8	4.5	6.6	7.0	6.7	5.2	4.6	5.3	5.5
NASSAU	3.2	4.9	4.8	4.0	5.8	6.1	6.5	6.5	5.4	5.8	6.0	5.5
K1-152	3.8	4.3	5.1	4.7	4.7	7.2	6.6	6.3	5.9	5.6	4.0	5.5
WW AG 468	5.2	4.4	5.2	4.4	4.6	7.4	6.6	6.4	5.6	5.2	6.3	5.5
K3-178	3.4	5.2	5.3	3.8	5.7	6.6	6.9	5.8	5.8	5.4	4.0	5.5
WW AG 495	5.2	4.8	7.0	5.7	4.8	6.6	6.8	6.2	5.3	4.6	3.0	5.5
AMAZON	6.0	4.5	5.1	3.7	4.7	5.4	7.4	8.0	5.7	4.2	6.3	5.4
COMPACT	4.8	5.8	4.3	3.7	4.6	5.9	6.3	6.3	5.8	4.4	6.7	5.4
JOY	5.0	4.8	3.3	2.9	4.1	5.4	6.5	4.8	4.5	4.6	5.3	5.3
HARMONY	3.1	4.9	4.6	3.2	4.3	6.2	6.1	5.7	6.0	5.0	5.7	5.3
BAR VB 577 (BARLYMPIA)	2.8	4.9	5.4	4.2	5.4	6.4	6.7	5.9	5.1	5.0	6.0	5.3
ANNIKA	5.0	5.8	4.5	3.1	4.2	6.2	6.9	5.4	5.4	4.3	6.7	5.3
BARZAN	3.7	4.8	4.5	4.0	4.9	5.6	6.8	5.7	5.1	4.3	5.0	5.3
GNOME	3.6	5.1	4.9	3.8	4.7	6.2	6.5	6.0	5.6	4.7	3.7	5.2
KENBLUE	4.4	4.9	3.5	2.6	5.0	5.7	6.8	4.9	4.2	4.3	5.3	5.2
S.D. CERTIFIED	4.7	4.8	3.9	2.8	5.0	5.5	6.8	5.6	4.2	5.0	4.0	5.0
LSD VALUE	1.8	1.0	0.9	1.2	0.8	0.7	0.5	1.0	0.9	0.8	3.1	0.3

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 2.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR
EACH MONTH GROWN AT TWENTY-FOUR LOCATIONS IN THE U. S. AND CANADA
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BLACKSBURG	6.3	6.3	5.2	6.8	6.5	6.3	6.4	6.6	5.6	7.0	7.1	6.1	6.5
MIDNIGHT	6.3	6.0	4.8	6.3	6.3	6.4	6.3	6.5	5.9	7.0	7.1	6.1	6.3
ASSET	6.1	6.3	5.6	6.3	6.3	6.1	6.2	6.2	5.7	6.5	6.5	6.2	6.2
P-104 (PRINCETON 104)	6.2	6.7	5.2	6.4	6.5	6.2	6.2	6.4	5.4	6.8	7.2	6.3	6.2
ECLIPSE	5.8	6.2	5.2	6.4	6.2	6.3	6.3	6.3	5.6	6.8	6.2	5.6	6.2
WABASH	4.8	4.8	5.6	5.8	5.7	5.6	6.2	6.5	6.1	6.5	6.0	5.7	6.1
AMERICA	5.0	5.8	5.2	6.2	5.8	5.8	6.2	6.1	5.6	6.4	6.3	5.3	6.1
JULIA	5.9	5.8	5.4	6.2	6.1	5.8	6.0	5.9	5.6	6.1	6.4	6.2	6.1
BA 72-500 (CHATEAU)	5.1	4.8	4.8	6.4	5.8	5.7	6.2	5.8	5.4	6.1	6.3	6.1	6.1
LOFTS 1757	6.4	6.7	5.7	6.2	6.1	5.9	6.0	6.2	5.4	6.5	6.7	6.3	6.1
A-34	5.7	5.8	6.0	6.4	5.9	5.8	6.2	5.9	5.3	6.1	6.2	5.9	6.0
ABLE I	5.2	5.5	4.7	5.9	6.1	6.3	6.2	6.1	5.3	6.3	6.1	5.4	6.0
SOMERSET	5.7	5.8	5.2	6.1	6.0	5.8	6.1	5.9	5.6	6.5	6.2	5.8	6.0
MYSTIC	4.3	4.0	4.4	5.4	5.8	5.9	6.3	6.4	5.8	6.3	6.1	4.8	6.0
ASPEN	5.6	6.0	5.5	6.4	5.9	5.9	6.0	6.1	5.5	6.3	6.1	5.7	6.0
BA 73-540	5.2	5.2	5.2	6.3	5.9	5.9	6.0	5.7	5.1	5.9	6.5	5.8	5.9
F-1872 (FREEDOM)	5.0	5.5	6.1	6.4	6.0	5.4	5.9	5.5	5.4	6.1	6.3	5.8	5.9
CHALLENGER	5.9	6.2	5.3	5.8	5.9	5.7	6.1	5.8	5.3	6.1	5.9	5.6	5.9
BA 70-139 (COVENTRY)	5.2	4.7	4.8	6.2	5.8	5.5	5.9	5.8	5.3	6.1	6.4	6.1	5.9
RAM-1	5.3	5.0	4.7	5.8	5.6	5.4	5.8	6.0	5.1	6.0	6.8	5.6	5.9
GLADE	5.2	4.8	4.5	5.9	5.9	6.0	5.9	6.1	5.3	6.0	6.3	5.8	5.9
NE 80-88	4.8	5.2	6.0	5.5	6.0	5.9	6.2	5.9	6.1	5.9	6.1	5.4	5.9
DAWN	6.0	6.0	5.6	5.8	6.0	5.8	6.0	5.5	5.3	6.3	6.1	5.7	5.9
CHERI	5.6	5.3	4.7	6.2	5.8	5.4	6.0	5.7	5.0	6.4	6.5	5.6	5.9
BA 69-82	5.2	5.3	5.0	6.3	5.6	5.6	5.9	5.7	5.4	6.0	6.3	5.8	5.9
HAGA	5.6	5.8	5.5	6.4	5.7	5.7	5.8	5.6	5.5	6.1	6.3	5.7	5.8
BAR VB 534	5.2	5.0	4.8	5.5	5.5	5.6	5.9	6.0	5.4	6.0	6.5	5.3	5.8
SYDSPORT	5.6	5.3	4.9	6.2	5.8	5.6	5.8	5.7	5.3	6.2	6.1	5.9	5.8
BRISTOL	6.1	6.5	5.5	5.9	5.7	5.5	6.0	5.8	5.3	6.3	6.2	6.0	5.8
MONOPOLY	5.4	5.0	5.3	6.3	5.9	5.5	5.9	5.6	5.7	6.0	5.8	5.8	5.8
AQUILA	5.3	5.2	4.9	5.6	5.7	5.6	5.8	5.9	5.3	6.2	6.2	5.1	5.8
CLASSIC	5.6	5.7	5.7	6.1	5.6	5.5	5.7	5.5	5.3	6.1	6.2	5.8	5.7
CONNI	5.7	5.8	4.4	5.2	5.8	5.8	5.7	5.7	5.2	6.4	6.0	5.1	5.7
GEORGETOWN	5.1	5.2	5.5	6.1	5.7	5.6	5.7	5.6	5.3	6.0	6.0	5.3	5.7
IKONE	5.4	6.0	5.0	6.1	5.8	5.5	5.5	5.5	5.4	5.8	6.0	5.4	5.7
WELCOME	5.6	5.0	4.6	5.7	5.5	5.8	5.9	5.9	5.4	6.4	6.2	5.1	5.7
BA 73-626 (KELLY)	5.2	5.0	4.4	5.8	5.6	5.7	5.9	5.8	5.3	5.9	6.0	5.5	5.7
TRENTON	5.6	5.3	5.5	6.2	5.7	5.5	5.7	5.5	5.2	6.0	6.3	6.1	5.7
CYNTHIA	5.7	4.7	4.9	5.5	5.6	5.7	5.7	5.9	5.3	5.9	6.5	5.2	5.7
BA 72-492 (ESTATE)	5.4	5.5	4.7	6.1	5.9	5.4	5.8	5.8	5.2	6.0	6.2	5.8	5.7
WW AG 496	4.8	4.7	5.3	6.3	6.0	5.5	5.7	5.5	4.9	6.0	6.0	5.3	5.7
LIBERTY	5.3	5.7	5.3	6.2	5.7	5.5	5.8	5.6	5.2	6.1	5.7	5.4	5.7
HUNTSVILLE	5.0	4.8	5.3	5.8	5.7	5.5	5.9	5.9	5.6	6.1	5.9	5.3	5.7
PST-CB1	6.2	6.5	5.8	6.4	5.7	5.3	5.5	5.6	5.1	6.0	6.2	5.6	5.6
VICTA	5.1	4.8	4.6	5.6	5.5	5.6	5.7	5.8	5.1	6.3	6.0	5.6	5.6

TABLE 2. (continued) MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN AT TWENTY-FOUR LOCATIONS IN THE U. S. AND CANADA 1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
EA 72-441 (ABBEY)	5.4	5.2	4.5	5.7	5.5	5.7	5.7	5.7	4.9	5.9	5.7	5.8	5.6
TENDOS	5.9	5.8	4.8	6.1	5.9	5.5	5.8	5.4	5.4	6.0	5.9	6.3	5.6
239 (SUFFOLK)	5.3	5.8	5.8	6.3	5.8	5.3	5.6	5.4	5.1	6.2	6.3	5.8	5.6
RUGBY	5.4	5.5	5.7	6.4	5.4	5.4	5.6	5.5	5.1	5.8	6.2	5.7	5.6
EA 70-242 (MARQUIS)	4.8	4.5	4.7	5.7	5.4	5.5	5.7	5.6	5.1	5.8	5.9	5.1	5.6
MERION	5.2	5.7	4.5	5.8	5.5	5.4	6.0	5.8	5.2	5.4	5.0	5.3	5.6
MERIT	5.2	4.7	4.5	5.6	5.7	5.6	5.7	5.7	5.0	5.8	5.7	5.7	5.6
WW AG 491	5.0	5.2	4.6	5.8	5.5	5.5	5.6	5.5	4.9	5.6	5.9	5.7	5.6
DESTINY	6.0	5.8	4.8	5.5	5.6	5.4	5.8	5.6	5.0	5.6	5.5	5.1	5.5
HV 97 (COCKTAIL)	5.8	5.2	4.8	5.3	5.4	5.5	5.7	5.4	5.3	5.8	6.0	5.2	5.5
BARON	4.8	4.8	4.5	5.5	5.5	5.5	5.7	5.5	5.0	5.7	5.5	5.3	5.5
PARADE	4.8	5.0	5.3	6.0	5.7	5.4	5.5	5.3	5.2	6.0	6.0	5.5	5.5
NASSAU	5.9	5.8	5.1	5.7	5.4	5.3	5.7	5.5	5.1	5.7	5.3	5.2	5.5
K1-152	5.2	5.2	5.2	6.0	5.7	5.4	5.4	5.5	5.2	6.1	6.2	5.3	5.5
WW AG 495	5.1	4.8	4.6	5.6	5.7	5.5	5.4	5.6	5.0	5.5	5.7	4.8	5.5
WW AG 468	4.7	4.7	4.6	5.4	5.6	5.5	5.8	5.5	5.3	5.5	5.1	4.7	5.5
K3-178	5.4	5.7	5.6	5.9	5.5	5.3	5.4	5.5	5.3	6.1	6.1	5.6	5.5
AMAZON	3.9	4.2	4.6	5.5	5.4	5.7	5.6	5.5	5.4	6.0	5.6	4.5	5.4
COMPACT	4.8	4.0	4.8	5.4	5.2	5.1	5.4	5.3	5.0	6.0	5.6	4.9	5.4
JOY	4.3	4.3	5.5	4.9	5.0	5.0	5.5	5.3	5.4	5.5	5.3	5.2	5.3
HARMONY	5.3	4.2	4.8	5.6	5.2	5.0	5.6	5.4	4.8	5.8	5.5	5.1	5.3
BAR VB 577 (BARLYMPIA)	5.6	5.5	4.8	5.6	5.4	5.0	5.3	5.0	4.9	5.5	5.3	5.7	5.3
ANNIKA	4.7	4.3	4.4	5.3	5.1	5.1	5.5	5.1	4.9	5.6	4.9	4.4	5.3
BARZAN	5.7	4.8	4.5	5.0	4.9	5.0	5.5	5.4	5.3	6.0	6.1	5.8	5.3
GNOME	4.5	4.4	4.6	5.3	5.2	5.2	5.5	5.3	4.7	5.5	5.4	4.5	5.2
KENBLUE	4.7	4.3	5.2	4.6	4.9	5.0	5.4	5.3	5.7	5.7	5.2	4.9	5.2
S.D. CERTIFIED	4.4	4.0	5.3	5.0	4.9	4.9	5.1	4.9	5.3	5.6	5.3	5.2	5.0
LSD VALUE	0.9	1.1	1.1	0.6	0.6	0.5	0.5	0.6	0.9	0.7	0.7	0.8	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-FOUR LOCATIONS IN THE U. S. AND CANADA 1/
1990 DATA

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

NAME	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1
BLACKSEURG	2.5	52.5	63.5	18.0	15.0	32.5	1.0	47.5	35.5	4.0	8.5	46.0	49.5
MIDNIGHT	21.0	1.0	47.5	57.0	3.0	41.0	31.0	1.0	3.5	20.0	2.0	2.0	34.5
ASSET	15.0	28.5	7.0	31.5	15.0	21.0	67.0	9.0	11.0	1.5	60.5	6.5	34.5
P-104 (PRINCETON 104)	2.5	63.0	49.0	24.5	50.0	11.0	38.0	50.5	11.0	26.5	1.0	1.0	61.0
ECLIPSE	40.5	65.0	47.5	31.5	32.5	41.0	25.0	3.0	35.5	9.5	4.5	3.0	46.5
WABASH	59.5	71.0	2.0	1.0	32.5	7.5	3.0	9.0	69.5	1.5	7.0	14.0	8.5
AMERICA	61.0	52.5	24.5	42.0	50.0	35.0	41.5	9.0	35.5	3.0	29.5	40.5	20.5
JULIA	25.5	48.0	6.0	15.0	15.0	45.0	19.5	13.0	11.0	26.5	50.0	64.5	7.0
BA 72-500 (CHATEAU)	6.0	24.5	35.5	61.0	32.5	37.0	21.5	22.5	3.5	57.0	50.0	56.0	1.0
LOFTS 1757	12.0	9.0	28.5	15.0	15.0	22.5	31.0	27.5	35.5	52.5	20.0	6.5	42.5
A-34	8.5	56.0	4.0	6.0	15.0	27.0	67.0	38.0	57.0	11.0	4.5	71.0	4.0
ABLE I	42.0	44.0	60.5	15.0	3.0	12.5	15.5	9.0	35.5	15.5	38.0	19.5	53.0
SOMERSET	23.5	38.5	41.5	8.0	50.0	22.5	26.0	5.0	57.0	20.0	18.0	4.5	4.0
MYSTIC	45.5	61.0	44.0	10.5	32.5	2.0	71.0	2.0	57.0	5.0	24.5	9.5	46.5
ASPEN	48.5	2.0	38.0	68.0	32.5	1.0	11.0	4.0	35.5	6.5	27.0	8.0	26.0
BA 73-540	14.0	35.5	19.0	46.0	50.0	47.0	7.0	71.0	1.0	36.5	29.5	57.5	10.5
F-1872 (FREEDOM)	.	62.0	.	15.0	50.0	25.0	47.5	67.5	57.0	17.0	6.0	39.0	4.0
CHALLENGER	19.5	18.5	55.0	72.0	32.5	4.5	59.5	16.0	11.0	31.5	54.0	4.5	42.5
BA 70-139 (COVENTRY)	8.5	21.0	31.5	57.0	6.0	51.0	4.5	72.0	3.5	26.5	53.0	34.0	2.0
RAM-1	16.0	6.5	45.0	31.5	1.0	71.0	57.5	65.0	11.0	42.5	34.5	32.0	42.5
GLADE	13.0	4.5	28.5	31.5	32.5	68.0	47.5	31.5	49.0	8.0	34.5	42.5	13.5
NE 80-88	.	52.5	.	19.0	71.5	4.5	41.5	22.5	49.0	9.5	55.0	16.0	49.5
DAWN	.	12.5	10.0	61.0	32.5	18.0	31.0	41.0	22.0	48.0	27.0	18.0	42.5
CHERI	5.0	12.5	60.5	68.0	32.5	41.0	31.0	67.5	22.0	36.5	50.0	34.0	24.0
BA 69-82	17.5	15.5	15.5	57.0	15.0	18.0	17.5	36.0	22.0	42.5	45.0	61.0	6.0
HAGA	35.0	32.5	5.0	49.5	32.5	18.0	51.0	22.5	57.0	36.5	14.5	53.5	22.5
BAR VB 534	47.0	41.5	26.5	24.5	32.5	41.0	64.5	31.5	49.0	30.0	8.5	69.0	34.5
SYDSPORT	7.0	24.5	20.0	54.0	32.5	49.0	69.5	70.0	49.0	61.5	59.0	37.0	26.0
BRISTOL	43.5	9.0	37.0	65.5	32.5	47.0	31.0	29.0	35.5	26.5	14.5	28.5	29.0
MONOPOLY	39.0	52.5	3.0	8.0	67.5	12.5	2.0	16.0	35.5	13.0	22.5	19.5	34.5
AQUILA	37.0	18.5	46.0	39.5	32.5	41.0	21.5	18.0	22.0	6.5	11.0	16.0	34.5
CLASSIC	29.0	24.5	30.0	21.0	15.0	25.0	44.5	34.0	63.5	31.5	41.0	37.0	10.5
CONNI	.	35.5	56.0	46.0	32.5	69.5	69.5	55.5	11.0	61.5	31.5	57.5	72.0
GEORGETOWN	33.0	66.0	11.0	4.0	61.0	6.0	51.0	39.0	49.0	20.0	27.0	62.5	34.5
IKONE	35.0	24.5	15.5	12.0	6.0	55.0	31.0	58.5	3.5	48.0	38.0	53.5	29.0
WELCOME	1.0	24.5	52.0	65.5	50.0	57.0	53.5	14.0	11.0	48.0	65.0	40.5	69.0
BA 73-626 (KELLY)	25.5	35.5	17.0	31.5	15.0	60.0	44.5	58.5	22.0	48.0	20.0	22.0	34.5
TRENTON	23.5	50.0	24.5	24.5	61.0	7.5	53.5	9.0	63.5	42.5	24.5	37.0	8.5
CYNTHIA	29.0	60.0	39.5	24.5	15.0	3.0	41.5	9.0	69.5	36.5	17.0	66.0	57.0
BA 72-492 (ESTATE)	10.0	30.5	41.5	51.0	50.0	60.0	4.5	41.0	22.0	54.0	62.5	72.0	20.5
WW AG 496	32.0	46.0	12.0	52.5	15.0	18.0	17.5	63.5	22.0	48.0	14.5	67.5	53.0
LIBERTY	.	46.0	23.0	39.5	32.5	32.5	38.0	31.5	49.0	13.0	50.0	46.0	17.0
HUNTSVILLE	.	49.0	33.5	10.5	50.0	14.5	7.0	19.5	49.0	26.5	38.0	25.0	53.0
PST-CB1	.	58.0	18.0	43.0	50.0	28.5	23.5	22.5	49.0	26.5	11.0	16.0	17.0
VICTA	11.0	35.5	31.5	64.0	50.0	72.0	11.0	63.5	11.0	48.0	43.0	22.0	53.0

TABLE 3. (continued)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
CULTIVARS AT TWENTY-FOUR LOCATIONS IN THE U. S. AND CANADA 1/
1990 DATA

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

NAME	BC1	CA3	DC1	IA1	ID2	IL1	IL2	IN1	KS2	KY1	MD1	MI1	MO1
BA 72-441 (ABBEY)	38.0	24.5	43.0	49.5	32.5	62.5	36.0	52.5	35.5	36.5	47.0	12.0	39.0
TENDOS	4.0	3.0	57.5	36.5	61.0	53.0	47.5	9.0	22.0	64.0	67.5	25.0	34.5
239 (SUFFOLK)	50.0	4.5	22.0	35.0	71.5	14.5	23.5	19.5	63.5	36.5	22.5	44.0	17.0
RUGBY	40.5	12.5	33.5	20.0	67.5	25.0	11.0	52.5	63.5	42.5	31.5	59.5	13.5
BA 70-242 (MARQUIS)	45.5	12.5	60.5	46.0	32.5	35.0	11.0	50.5	35.5	52.5	3.0	11.0	68.0
MERION	31.0	38.5	67.0	63.0	6.0	28.5	59.5	16.0	49.0	67.5	71.0	13.0	64.5
MERIT	29.0	41.5	26.5	57.0	3.0	55.0	15.5	67.5	35.5	48.0	50.0	28.5	29.0
WW AG 491	48.5	15.5	8.0	39.5	15.0	41.0	57.5	67.5	22.0	15.5	60.5	59.5	26.0
DESTINY	.	6.5	52.0	28.0	50.0	47.0	51.0	55.5	11.0	36.5	62.5	42.5	64.5
HV 97 (COCKTAIL)	17.5	28.5	52.0	57.0	32.5	62.5	64.5	41.0	49.0	57.0	57.5	53.5	64.5
BARON	51.0	64.0	52.0	46.0	50.0	60.0	38.0	55.5	35.5	67.5	11.0	49.5	42.5
PARADE	52.0	41.5	9.0	24.5	50.0	9.0	55.5	27.5	63.5	20.0	20.0	25.0	17.0
NASSAU	53.0	18.5	63.5	8.0	15.0	41.0	41.5	25.5	11.0	59.5	67.5	51.0	59.0
K1-152	22.0	46.0	13.0	39.5	32.5	30.5	31.0	60.0	69.5	23.0	56.0	34.0	22.5
WW AG 468	43.5	55.0	70.0	52.5	50.0	66.5	47.5	36.0	22.0	13.0	64.0	28.5	71.0
K3-178	54.0	59.0	39.5	36.5	15.0	51.0	55.5	47.5	63.5	20.0	42.0	9.5	17.0
WW AG 495	62.0	9.0	21.0	15.0	15.0	30.5	67.0	31.5	35.5	57.0	70.0	67.5	70.0
AMAZON	35.0	41.5	68.5	24.5	67.5	58.0	14.0	47.5	69.5	36.5	34.5	64.5	67.0
COMPACT	.	67.5	65.5	68.0	50.0	51.0	7.0	43.0	49.0	59.5	40.0	62.5	60.0
JOY	59.5	67.5	1.0	3.0	15.0	10.0	31.0	47.5	63.5	71.0	57.5	31.0	12.0
HARMONY	27.0	32.5	57.5	31.5	61.0	35.0	11.0	55.5	35.5	70.0	45.0	46.0	57.0
BAR VB 577 (BARLYMPIA)	56.0	18.5	60.5	71.0	67.5	64.0	62.5	36.0	22.0	67.5	72.0	22.0	42.5
ANNIKA	.	57.0	65.5	61.0	61.0	69.5	72.0	44.5	11.0	67.5	69.0	53.5	57.0
BARZAN	19.5	30.5	52.0	46.0	61.0	66.5	62.5	25.5	35.5	64.0	14.5	70.0	62.0
GNOME	57.0	69.0	35.5	70.0	67.5	65.0	19.5	44.5	35.5	72.0	34.5	28.5	53.0
KENBLUE	58.0	70.0	14.0	2.0	61.0	18.0	61.0	61.0	63.5	55.0	45.0	49.5	64.5
S.D. CERTIFIED	55.0	72.0	68.5	5.0	67.5	55.0	31.0	62.0	72.0	64.0	66.0	48.0	48.0

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. (continued)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
CULTIVARS AT TWENTY-FOUR LOCATIONS IN THE U. S. AND CANADA 1/
1990 DATA

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

NAME	NE1	NE3	NJ1	NJ2	OR1	RI1	SD1	UB1	VA1	WA1	WA4	MEAN
BLACKSBURG	1.0	11.5	2.0	2.0	1.0	13.0	17.5	2.0	1.0	4.5	33.0	1
MIDNIGHT	7.0	14.5	1.0	4.0	2.0	34.0	9.0	3.0	6.0	18.5	60.5	2
ASSET	22.0	29.5	6.0	6.0	5.0	7.5	12.0	17.5	41.5	43.0	5.5	3
P-104 (PRINCETON 104)	45.0	20.0	3.0	1.0	4.0	1.5	66.5	5.0	2.0	1.5	66.0	4
ECLIPSE	18.5	17.0	6.0	3.0	3.0	4.0	8.0	10.0	6.0	4.5	47.0	5
WABASH	4.0	2.5	67.0	25.0	53.0	30.5	10.0	23.0	41.5	22.0	17.5	6
AMERICA	12.0	35.5	18.5	15.0	9.0	17.0	3.0	4.0	11.0	11.5	2.0	7
JULIA	9.5	24.0	20.0	14.0	10.0	26.5	25.0	20.0	51.5	24.0	17.5	8
BA 72-500 (CHATEAU)	5.0	8.5	28.0	10.5	44.0	37.5	62.0	47.0	14.0	8.5	2.0	9
LOFTS 1757	40.0	58.0	11.0	5.0	6.5	32.5	59.0	6.5	4.0	31.0	39.5	10
A-34	2.5	11.5	59.0	53.0	19.0	1.5	72.0	30.5	14.0	24.0	17.5	11
ABIE I	40.0	35.5	6.0	16.5	8.0	5.0	36.0	10.0	41.5	58.0	10.0	12
SOMERSET	27.5	17.0	18.5	28.0	23.5	11.5	36.0	25.5	17.5	55.0	5.5	13
MYSTIC	2.5	8.5	31.5	25.0	57.5	6.0	3.0	13.0	63.5	43.0	17.5	14
ASPEN	61.0	24.0	8.5	19.0	23.5	14.5	6.0	12.0	6.0	36.0	39.5	15
BA 73-540	15.5	5.0	25.5	19.0	20.0	21.0	50.5	14.5	54.5	4.5	54.5	16
F-1872 (FREEDOM)	53.5	58.0	61.0	42.0	41.0	51.5	36.0	39.5	31.5	8.5	10.0	17
CHALLENGER	22.0	41.0	10.0	32.5	12.5	50.0	36.0	56.5	41.5	4.5	10.0	18
BA 70-139 (COVENTRY)	30.0	14.5	38.0	48.0	43.0	19.0	59.0	36.0	9.0	31.0	17.5	19
RAM-1	13.5	24.0	12.5	7.5	46.5	63.5	7.0	16.0	51.5	39.5	26.0	20
GLADE	7.0	5.0	8.5	12.5	67.0	42.5	30.0	17.5	23.5	49.5	66.0	21
NE 80-88	32.0	2.5	43.5	57.0	27.0	57.5	17.5	30.5	67.5	18.5	.	22
DAWN	40.0	58.0	23.0	53.0	12.5	65.0	17.5	14.5	23.5	27.0	17.5	23
CHERI	25.0	29.5	38.0	25.0	39.5	7.5	66.5	25.5	8.0	8.5	2.0	24
BA 69-82	34.5	24.0	43.5	30.0	36.5	26.5	28.5	53.0	31.5	18.5	26.0	25
HAGA	53.5	50.0	53.0	29.0	25.0	44.0	17.5	47.0	14.0	27.0	17.5	26
BAR VB 534	26.0	1.0	31.5	9.0	54.0	14.5	5.0	39.5	36.0	70.5	10.0	27
SYDSPORT	7.0	29.5	31.5	7.5	33.5	39.0	43.0	30.5	31.5	1.5	33.0	28
BRISTOL	40.0	45.0	21.5	22.0	6.5	53.0	17.5	30.5	28.0	36.0	39.5	29
MONOPOLY	47.0	71.5	64.5	38.5	55.0	21.0	61.0	65.5	3.0	49.5	33.0	30
AQUILA	15.5	29.5	38.0	38.5	48.0	46.5	59.0	19.0	53.0	49.5	47.0	31
CLASSIC	51.0	58.0	50.0	53.0	21.0	46.5	12.0	64.0	23.5	24.0	17.5	32
CONNI	18.5	5.0	15.5	67.0	15.0	3.0	25.0	6.5	62.0	55.0	5.5	33
GEORGETOWN	57.0	24.0	53.0	32.5	50.5	26.5	22.0	60.0	36.0	18.5	39.5	34
IKONE	22.0	41.0	31.5	21.0	29.0	56.0	41.5	56.5	65.5	43.0	60.5	35
WELCOME	17.0	17.0	40.5	19.0	42.0	57.5	1.0	27.5	20.0	60.0	33.0	36
BA 73-626 (KELLY)	51.0	50.0	14.0	35.5	33.5	42.5	68.0	56.5	14.0	36.0	47.0	37
TRENTON	48.5	20.0	47.0	48.0	39.5	26.5	64.0	44.0	41.5	14.0	47.0	38
CYNTHIA	57.0	29.5	25.5	10.5	60.0	9.5	17.5	8.0	69.0	72.0	33.0	39
BA 72-492 (ESTATE)	11.0	7.0	24.0	25.0	17.0	11.5	44.0	52.0	59.5	31.0	66.0	40
WW AG 496	55.0	29.5	27.0	16.5	45.0	23.0	17.5	50.0	36.0	49.5	54.5	41
LIBERTY	51.0	45.0	47.0	38.5	17.0	37.5	55.0	56.5	28.0	11.5	47.0	42
HUNTSVILLE	44.0	50.0	59.0	38.5	36.5	17.0	28.5	23.0	56.5	36.0	66.0	43
PST-CB1	61.0	69.5	50.0	48.0	14.0	40.5	71.0	39.5	31.5	31.0	54.5	44
VICTA	48.5	35.5	15.5	32.5	50.5	21.0	50.5	39.5	23.5	62.0	39.5	45

TABLE 3. (continued)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS
CULTIVARS AT TWENTY-FOUR LOCATIONS IN THE U. S. AND CANADA 1/
1990 DATA

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

NAME	NE1	NE3	NJ1	NJ2	OR1	RI1	SD1	UB1	VA1	WA1	WA4	MEAN
BA 72-441 (ABBEY)	40.0	35.5	17.0	42.0	46.5	45.0	50.5	39.5	17.5	43.0	54.5	46
TENDOS	34.5	41.0	12.5	53.0	11.0	63.5	45.5	50.0	47.0	60.0	58.0	47
239 (SUFFOLK)	59.0	65.5	57.0	44.5	26.0	35.5	31.0	21.0	23.5	31.0	60.5	48
RUGBY	65.5	58.0	36.0	46.0	32.0	26.5	36.0	61.5	10.0	18.5	47.0	49
BA 70-242 (MARQUIS)	68.0	67.5	50.0	53.0	60.0	35.5	70.0	39.5	36.0	55.0	5.5	50
MERION	27.5	65.5	31.5	25.0	29.0	30.5	47.5	70.0	47.0	14.0	26.0	51
MERIT	34.5	45.0	31.5	58.5	36.5	32.5	55.0	56.5	59.5	43.0	60.5	52
WW AG 491	40.0	35.5	63.0	53.0	64.0	26.5	64.0	34.0	50.0	49.5	54.5	53
DESTINY	63.0	63.5	21.5	58.5	29.0	54.0	50.5	47.0	47.0	14.0	26.0	54
HV 97 (COCKTAIL)	13.5	41.0	43.5	65.0	31.0	70.5	25.0	10.0	59.5	57.0	10.0	55
BARON	64.0	20.0	55.0	42.0	57.5	40.5	12.0	34.0	41.5	39.5	26.0	56
PARADE	72.0	58.0	69.0	32.5	69.0	51.5	17.5	23.0	63.5	64.0	47.0	57
NASSAU	69.0	50.0	59.0	60.5	17.0	62.0	55.0	27.5	54.5	8.5	33.0	58
K1-152	57.0	71.5	47.0	35.5	62.0	17.0	47.5	44.0	19.0	18.5	66.0	59
WW AG 468	22.0	69.5	43.5	44.5	66.0	9.5	45.5	34.0	47.0	36.0	26.0	60
K3-178	67.0	35.5	40.5	62.5	22.0	48.5	25.0	63.0	23.5	27.0	66.0	61
WW AG 495	22.0	58.0	4.0	12.5	60.0	48.5	36.0	50.0	59.5	64.0	71.0	62
AMAZON	9.5	67.5	53.0	65.0	64.0	70.5	3.0	1.0	36.0	70.5	26.0	63
COMPACT	34.5	11.5	68.0	65.0	68.0	66.0	64.0	44.0	28.0	66.0	17.5	64
JOY	30.0	58.0	72.0	70.0	72.0	72.0	55.0	72.0	70.0	64.0	47.0	65
HARMONY	70.0	50.0	62.0	68.0	70.0	60.5	69.0	65.5	14.0	49.5	39.5	66
BAR VB 577 (BARLYMPIA)	71.0	50.0	35.0	53.0	36.5	55.0	41.5	61.5	67.5	49.5	33.0	67
ANNIKA	30.0	11.5	64.5	69.0	71.0	60.5	25.0	69.0	56.5	68.0	17.5	68
BARZAN	61.0	63.5	66.0	60.5	56.0	68.0	36.0	67.0	65.5	68.0	54.5	69
GNOME	65.5	41.0	56.0	62.5	64.0	59.0	55.0	56.5	47.0	60.0	70.0	70
KENBLUE	46.0	50.0	71.0	72.0	50.5	67.0	36.0	71.0	71.5	68.0	47.0	71
S.D. CERTIFIED	40.0	58.0	70.0	71.0	50.5	69.0	36.0	68.0	71.5	49.5	66.0	72

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. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

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

NAME	IN1	MI1	RI1	SD1	UB1	MEAN
HUNTSVILLE	5.7	5.7	7.0	3.0	8.7	6.0
ASPEN	6.0	4.7	7.0	3.3	8.3	5.9
MYSTIC	6.3	5.7	6.7	2.3	8.3	5.9
KENBLUE	5.7	5.0	6.3	3.3	9.0	5.9
S.D. CERTIFIED	6.0	4.3	6.0	4.0	8.7	5.8
PARADE	6.0	5.7	6.3	3.0	7.7	5.7
F-1872 (FREEDOM)	5.7	5.7	6.7	3.3	7.3	5.7
CLASSIC	6.0	4.7	6.7	3.0	8.0	5.7
JOY	5.7	4.3	6.0	3.7	8.7	5.7
K1-152	5.3	5.0	7.0	2.7	8.3	5.7
K3-178	5.7	5.3	6.7	2.7	7.7	5.6
PST-CB1	5.7	5.0	6.7	3.0	7.7	5.6
239 (SUFFOLK)	5.3	5.0	6.3	2.7	8.3	5.5
TRENTON	5.7	4.3	6.7	3.0	8.0	5.5
WABASH	6.3	4.3	5.7	3.3	8.0	5.5
LOFTS 1757	6.0	4.0	6.0	3.3	7.7	5.4
NE 80-88	5.3	4.3	6.0	3.3	8.0	5.4
AQUILA	5.3	3.7	5.3	3.3	9.0	5.3
GEORGETOWN	5.7	4.3	6.7	2.7	7.0	5.3
P-104 (PRINCETON 104)	6.0	4.0	5.7	2.7	8.0	5.3
ASSET	6.0	4.0	6.0	3.0	7.3	5.3
HAGA	6.0	4.7	6.3	2.3	7.0	5.3
RUGBY	5.7	4.0	6.3	3.0	7.3	5.3
DAWN	5.7	4.3	5.7	2.7	7.7	5.2
ECLIPSE	6.3	4.0	6.0	3.0	6.7	5.2
SOMERSET	6.0	4.3	6.7	2.3	6.7	5.2
TENDOS	6.3	3.7	5.3	2.7	8.0	5.2
WW AG 491	5.3	3.3	6.0	3.0	8.3	5.2
NASSAU	6.0	3.3	5.3	3.0	7.7	5.1
CHALLENGER	6.0	4.3	5.7	3.0	6.3	5.1
DESTINY	5.3	4.3	6.0	3.0	6.7	5.1
WW AG 496	5.3	3.7	6.3	3.0	7.0	5.1
BRISTOL	6.0	4.3	5.3	3.3	6.3	5.1
A-34	5.3	3.7	6.7	2.7	6.7	5.0
CYNTHIA	4.7	3.3	5.7	2.7	8.7	5.0
GLADE	6.3	4.3	4.7	3.0	6.7	5.0
AMERICA	5.3	2.7	5.7	3.3	7.7	4.9
BAR VB 577 (BARLYMPIA)	5.7	4.0	6.0	2.3	6.7	4.9
LIBERTY	5.3	4.7	5.7	2.7	6.0	4.9
MERION	5.3	3.0	5.7	2.7	7.7	4.9
BLACKSBURG	6.0	3.0	5.3	3.7	6.3	4.9
BAR VB 534	4.7	3.3	5.0	2.3	8.7	4.8
JULIA	6.0	3.0	5.3	2.0	7.7	4.8
WW AG 495	5.3	3.3	5.7	3.0	6.7	4.8
CHERI	6.0	4.0	5.7	3.0	5.0	4.7

TABLE 4. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA
(continued)

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN						
NAME	IN1	MI1	RI1	SD1	UB1	MEAN
BA 70-139 (COVENTRY)	6.3	4.3	5.3	3.3	4.3	4.7
BA 72-492 (ESTATE)	6.0	3.3	5.7	3.3	5.3	4.7
IKONE	5.3	3.0	5.7	2.3	7.3	4.7
RAM-1	5.3	4.0	4.0	2.7	7.7	4.7
BA 73-626 (KELLY)	5.0	3.3	5.3	3.3	6.3	4.7
BA 73-540	6.0	3.0	5.3	2.7	5.7	4.5
MONOPOLY	5.0	3.0	6.0	2.3	6.3	4.5
ABLE I	5.0	3.7	5.7	3.0	5.0	4.5
BA 69-82	5.7	3.7	4.7	3.3	5.0	4.5
BA 70-242 (MARQUIS)	4.7	4.0	5.3	2.7	5.7	4.5
VICTA	5.3	3.3	4.7	3.3	5.7	4.5
BA 72-441 (ABBAY)	4.7	3.7	5.0	2.7	6.0	4.4
BA 72-500 (CHATEAU)	6.3	3.3	5.0	2.7	4.7	4.4
GNOME	4.7	3.7	4.3	3.0	6.3	4.4
MERIT	5.0	3.7	5.0	2.7	5.7	4.4
SYDSPORT	5.7	3.3	5.3	2.7	5.0	4.4
HV 97 (COCKTAIL)	5.3	3.7	4.0	2.7	6.0	4.3
MIDNIGHT	5.0	3.0	5.3	3.0	5.3	4.3
ANNIKA	5.3	3.7	3.7	3.7	5.0	4.3
HARMONY	4.7	3.3	4.0	3.0	6.3	4.3
COMPACT	5.0	3.3	4.7	2.7	5.3	4.2
WELCOME	4.3	3.7	3.7	2.3	6.7	4.1
BARON	4.7	3.3	4.3	2.7	5.3	4.1
CONNI	5.7	3.3	4.0	2.0	4.3	3.9
AMAZON	5.7	3.0	3.0	2.0	5.3	3.8
WW AG 468	4.7	2.3	4.7	2.7	4.7	3.8
BARZAN	4.7	3.0	3.0	2.3	4.0	3.4
LSD VALUE	1.2	1.1	1.0	1.2	1.3	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
1990 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						
NAME	BC1	NE1	NE3	OH1	SD1	MEAN
MIDNIGHT	7.0	9.0	7.3	9.0	9.0	8.3
BLACKSBURG	6.3	9.0	7.3	9.0	9.0	8.1
BRISTOL	7.0	8.0	6.7	9.0	7.3	7.6
GLADE	6.0	9.0	6.7	9.0	7.3	7.6
DAWN	.	8.3	5.7	9.0	7.0	7.5
NE 80-88	.	8.0	6.3	8.3	7.3	7.5
VICTA	6.0	8.0	7.0	9.0	7.3	7.5
AMERICA	6.0	8.7	6.3	9.0	7.0	7.4
ECLIPSE	6.0	8.7	6.3	9.0	7.0	7.4
BA 73-540	6.0	8.3	6.3	9.0	7.0	7.3
DESTINY	.	7.7	5.7	9.0	7.0	7.3
GNOME	6.0	8.0	6.7	9.0	7.0	7.3
BA 69-82	6.0	8.7	6.3	9.0	6.7	7.3
BARON	6.0	8.0	6.3	8.7	7.7	7.3
LOFTS 1757	6.7	8.0	5.3	9.0	7.7	7.3
MERIT	6.3	8.0	6.3	9.0	7.0	7.3
NASSAU	6.7	7.7	5.7	9.0	7.7	7.3
RAM-1	6.0	8.7	6.0	9.0	7.0	7.3
BA 70-139 (COVENTRY)	6.3	8.7	6.3	8.7	6.3	7.3
BA 70-242 (MARQUIS)	6.0	8.0	6.0	9.0	7.3	7.3
BAR VB 577 (BARLYMPIA)	6.0	8.0	6.0	9.0	7.3	7.3
CHERI	6.7	8.3	6.0	9.0	6.3	7.3
AMAZON	5.7	8.7	6.0	9.0	7.0	7.3
BA 72-492 (ESTATE)	6.0	8.7	6.3	8.7	6.7	7.3
SYDSPORT	6.0	8.7	6.0	9.0	6.7	7.3
WW AG 495	6.0	8.0	6.3	9.0	7.0	7.3
CONNI	.	8.3	5.7	9.0	6.0	7.3
ASPEN	6.0	8.0	6.0	9.0	7.0	7.2
BA 72-441 (ABBEY)	6.0	8.0	6.0	9.0	7.0	7.2
BA 72-500 (CHATEAU)	6.0	9.0	5.7	9.0	6.3	7.2
JULIA	6.0	8.7	6.3	8.0	7.0	7.2
P-104 (PRINCETON 104)	6.7	8.0	6.0	9.0	6.3	7.2
WELCOME	6.3	8.3	5.3	9.0	7.0	7.2
LIBERTY	.	8.0	5.7	8.3	6.7	7.2
BA 73-626 (KELLY)	6.0	8.0	6.0	9.0	6.7	7.1
CHALLENGER	6.0	8.0	5.3	9.0	7.3	7.1
TENDOS	7.0	8.0	5.3	9.0	6.3	7.1
FST-CB1	.	8.0	5.7	8.3	6.3	7.1
ABLE I	6.0	8.0	6.0	8.3	7.0	7.1
ASSET	6.7	8.3	5.3	8.3	6.7	7.1
IKONE	6.0	8.3	6.0	8.3	6.3	7.0
ANNIKA	.	8.0	5.7	8.3	6.0	7.0
CYNTHIA	5.7	8.0	6.0	8.7	6.7	7.0
HUNTSVILLE	.	7.3	5.3	8.3	7.0	7.0
WW AG 496	6.0	8.0	6.3	8.3	6.3	7.0

TABLE 5. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(continued) 1990 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN						
NAME	BC1	NE1	NE3	OH1	SD1	MEAN
BARZAN	6.0	7.3	5.3	9.0	7.0	6.9
F-1872 (FREEDOM)	.	8.0	5.3	8.3	6.0	6.9
CLASSIC	5.7	7.7	6.0	9.0	6.0	6.9
GEORGETOWN	6.0	8.0	6.0	8.3	6.0	6.9
WW AG 468	6.0	7.7	6.0	8.3	6.3	6.9
AQUILA	6.0	8.0	5.3	9.0	5.7	6.8
MERION	6.0	7.7	5.0	8.3	7.0	6.8
TRENTON	6.0	8.0	5.3	8.3	6.3	6.8
K1-152	6.0	8.0	5.0	8.3	6.3	6.7
MYSTIC	5.3	7.7	6.0	8.3	6.3	6.7
SOMERSET	5.7	8.0	5.7	8.3	6.0	6.7
RUGBY	6.0	8.0	5.3	8.3	6.0	6.7
239 (SUFFOLK)	6.0	8.0	4.7	8.3	6.3	6.7
HAGA	6.0	8.0	5.7	7.7	6.0	6.7
BAR VB 534	5.7	8.3	6.0	6.3	7.0	6.7
HARMONY	6.0	7.3	5.0	8.0	6.7	6.6
COMPACT	.	7.7	4.3	8.3	6.0	6.6
JOY	5.7	7.0	5.3	8.3	6.3	6.5
K3-178	5.7	7.3	6.0	7.7	6.0	6.5
KENBLUE	5.7	7.0	5.0	9.0	6.0	6.5
PARADE	5.7	7.7	5.0	8.3	6.0	6.5
HV 97 (COCKTAIL)	5.0	8.0	5.3	8.3	6.0	6.5
WW AG 491	5.7	8.0	5.0	8.3	5.7	6.5
A-34	5.3	8.0	5.7	8.0	5.3	6.5
S.D. CERTIFIED	6.0	7.7	4.7	7.7	6.0	6.4
MONOPOLY	5.3	7.7	4.7	9.0	5.0	6.3
WABASH	5.7	8.0	4.3	8.3	5.0	6.3
LSD VALUE	0.6	0.6	0.9	1.5	0.8	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
1990 DATA

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

NAME	BC1	SD1	MEAN
HV 97 (COCKTAIL)	7.7	7.3	7.5
AMAZON	7.7	7.0	7.3
MYSTIC	7.0	7.7	7.3
ANNIKA	.	7.0	7.0
BAR VB 534	7.0	7.0	7.0
CONNI	.	7.0	7.0
HUNTSVILLE	.	7.0	7.0
KENBLUE	6.0	8.0	7.0
SOMERSET	7.0	6.7	6.8
WABASH	5.7	8.0	6.8
COMPACT	.	6.7	6.7
DAWN	.	6.7	6.7
F-1872 (FREEDOM)	.	6.7	6.7
JOY	6.7	6.7	6.7
JULIA	7.0	6.3	6.7
WELCOME	6.0	7.3	6.7
AMERICA	6.3	6.7	6.5
ASPEN	6.0	7.0	6.5
CLASSIC	6.0	7.0	6.5
CYNTHIA	6.3	6.7	6.5
K3-178	6.0	7.0	6.5
RUGBY	6.0	7.0	6.5
S.D. CERTIFIED	5.3	7.7	6.5
WW AG 496	6.0	7.0	6.5
ECLIPSE	5.7	7.0	6.3
GEORGETOWN	6.0	6.7	6.3
HAGA	5.7	7.0	6.3
PARADE	5.7	7.0	6.3
NE 80-88	.	6.3	6.3
WW AG 491	6.3	6.3	6.3
239 (SUFFOLK)	5.7	6.7	6.2
ASSET	5.7	6.7	6.2
BA 69-82	6.0	6.3	6.2
BAR VB 577 (BARLYMPIA)	6.0	6.3	6.2
BARZAN	6.3	6.0	6.2
IKONE	6.3	6.0	6.2
K1-152	6.0	6.3	6.2
MONOPOLY	6.0	6.3	6.2
ABLE I	6.3	5.7	6.0
BA 72-492 (ESTATE)	6.0	6.0	6.0
GLADE	6.0	6.0	6.0
MERION	6.0	6.0	6.0
RAM-1	6.0	6.0	6.0
SYDSPORT	6.0	6.0	6.0
TENDOS	6.0	6.0	6.0

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	BC1	SD1	MEAN
TRENTON	6.0	6.0	6.0
WW AG 468	6.0	6.0	6.0
WW AG 495	6.0	6.0	6.0
BA 70-139 (COVENTRY)	6.0	5.7	5.8
BA 72-441 (ABBAY)	6.0	5.7	5.8
BA 73-540	6.0	5.7	5.8
BARON	5.7	6.0	5.8
A-34	6.7	4.7	5.7
DESTINY	.	5.7	5.7
GNOME	5.7	5.7	5.7
LIBERTY	.	5.7	5.7
BA 72-500 (CHATEAU)	6.0	5.3	5.7
HARMONY	5.3	6.0	5.7
MIDNIGHT	6.3	5.0	5.7
P-104 (PRINCETON 104)	6.3	5.0	5.7
AQUILA	6.0	5.0	5.5
CHALLENGER	5.7	5.3	5.5
LOFTS 1757	5.7	5.3	5.5
MERIT	5.3	5.7	5.5
NASSAU	5.3	5.7	5.5
VICTA	5.3	5.7	5.5
BA 70-242 (MARQUIS)	5.7	5.0	5.3
BA 73-626 (KELLY)	5.7	5.0	5.3
BRISTOL	5.0	5.7	5.3
PST-CB1	.	5.3	5.3
BLACKSBURG	6.0	4.3	5.2
CHERI	5.3	5.0	5.2
LSD VALUE	0.7	0.8	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 7. WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

WEAR TOLERANCE RATINGS 1-9; 9=BEST 1/

NAME	BC1	MEAN
WELCOME	7.0	7.0
BA 69-82	6.7	6.7
BA 72-500 (CHATEAU)	6.7	6.7
BA 73-540	6.7	6.7
CHERI	6.7	6.7
A-34	6.3	6.3
BA 70-139 (COVENTRY)	6.3	6.3
BA 72-492 (ESTATE)	6.3	6.3
BLACKSBURG	6.3	6.3
MERION	6.3	6.3
MIDNIGHT	6.3	6.3
SYDSPORT	6.3	6.3
VICTA	6.3	6.3
BA 73-626 (KELLY)	6.0	6.0
CHALLENGER	6.0	6.0
IKONE	6.0	6.0
JULIA	6.0	6.0
MERIT	6.0	6.0
P-104 (PRINCETON 104)	6.0	6.0
WW AG 496	6.0	6.0
ABLE I	5.7	5.7
AQUILA	5.7	5.7
ASSET	5.7	5.7
BA 70-242 (MARQUIS)	5.7	5.7
BA 72-441 (ABBAY)	5.7	5.7
GLADE	5.7	5.7
K1-152	5.7	5.7
RUGBY	5.7	5.7
SOMERSET	5.7	5.7
WW AG 468	5.7	5.7
TENDOS	5.5	5.5
239 (SUFFOLK)	5.3	5.3
AMAZON	5.3	5.3
CLASSIC	5.3	5.3
GEORGETOWN	5.3	5.3
HAGA	5.3	5.3
HV 97 (COCKTAIL)	5.3	5.3
LOFTS 1757	5.3	5.3
MYSTIC	5.3	5.3
PARADE	5.3	5.3
TRENTON	5.3	5.3
WW AG 491	5.3	5.3
AMERICA	5.0	5.0
ASPEN	5.0	5.0
BARON	5.0	5.0

WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

WEAR TOLERANCE RATINGS 1-9; 9=BEST

NAME	BC1	MEAN
BARZAN	5.0	5.0
BRISTOL	5.0	5.0
CYNTHIA	5.0	5.0
HARMONY	5.0	5.0
NASSAU	5.0	5.0
RAM-1	5.0	5.0
S.D. CERTIFIED	5.0	5.0
BAR VB 534	4.7	4.7
ECLIPSE	4.7	4.7
K3-178	4.7	4.7
MONOPOLY	4.7	4.7
WW AG 495	4.7	4.7
GNOME	4.3	4.3
WABASH	4.3	4.3
BAR VB 577 (BARLYMPIA)	4.0	4.0
JOY	4.0	4.0
KENBLUE	4.0	4.0
LSD VALUE	1.2	1.2

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

TABLE 8. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

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

NAME	SD1	MEAN
MERION	8.3	8.3
ABLE I	8.0	8.0
AMERICA	8.0	8.0
ASSET	8.0	8.0
BA 69-82	8.0	8.0
CHERI	8.0	8.0
CLASSIC	8.0	8.0
GEORGETOWN	8.0	8.0
HAGA	8.0	8.0
JULIA	8.0	8.0
K1-152	8.0	8.0
K3-178	8.0	8.0
MERIT	8.0	8.0
P-104 (PRINCETON 104)	8.0	8.0
PARADE	8.0	8.0
ASPEN	7.7	7.7
BA 70-139 (COVENTRY)	7.7	7.7
BARON	7.7	7.7
BLACKSBURG	7.7	7.7
CHALLENGER	7.7	7.7
COMPACT	7.7	7.7
DAWN	7.7	7.7
JOY	7.7	7.7
LOFTS 1757	7.7	7.7
MONOPOLY	7.7	7.7
NASSAU	7.7	7.7
NE 80-88	7.7	7.7
RAM-1	7.7	7.7
SOMERSET	7.7	7.7
239 (SUFFOLK)	7.3	7.3
A-34	7.3	7.3
AMAZON	7.3	7.3
ANNIKA	7.3	7.3
AQUILA	7.3	7.3
BA 72-441 (ABBAY)	7.3	7.3
BA 72-500 (CHATEAU)	7.3	7.3
BA 73-540	7.3	7.3
BAR VB 577 (BARLYMPIA)	7.3	7.3
CONNI	7.3	7.3
CYNTHIA	7.3	7.3
F-1872 (FREEDOM)	7.3	7.3
GLADE	7.3	7.3
HV 97 (COCKTAIL)	7.3	7.3
IKONE	7.3	7.3
LIBERTY	7.3	7.3

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	SD1	MEAN
MIDNIGHT	7.3	7.3
MYSTIC	7.3	7.3
S.D. CERTIFIED	7.3	7.3
SYDSPORT	7.3	7.3
TENDOS	7.3	7.3
TRENFON	7.3	7.3
WABASH	7.3	7.3
WELCOME	7.3	7.3
WW AG 495	7.3	7.3
BA 70-242 (MARQUIS)	7.0	7.0
BA 72-492 (ESTATE)	7.0	7.0
BA 73-626 (KELLY)	7.0	7.0
BARZAN	7.0	7.0
BRISTOL	7.0	7.0
ECLIPSE	7.0	7.0
GNOME	7.0	7.0
HARMONY	7.0	7.0
HUNTSVILLE	7.0	7.0
PST-CB1	7.0	7.0
RUGBY	7.0	7.0
VICTA	7.0	7.0
WW AG 468	7.0	7.0
WW AG 491	7.0	7.0
WW AG 496	7.0	7.0
BAR VB 534	6.7	6.7
DESTINY	6.7	6.7
KENBLUE	6.3	6.3
LSD VALUE	0.7	0.7

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

TABLE 9. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

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

NAME	SD1	MEAN
A-34	9.0	9.0
ABLE I	9.0	9.0
AMERICA	9.0	9.0
ANNIKA	9.0	9.0
ASSET	9.0	9.0
BA 69-82	9.0	9.0
BA 70-139 (COVENTRY)	9.0	9.0
BA 72-500 (CHATEAU)	9.0	9.0
BA 73-540	9.0	9.0
BAR VB 534	9.0	9.0
BARON	9.0	9.0
BARZAN	9.0	9.0
BLACKSBURG	9.0	9.0
CHALLENGER	9.0	9.0
ECLIPSE	9.0	9.0
GLADE	9.0	9.0
IKONE	9.0	9.0
JULIA	9.0	9.0
MIDNIGHT	9.0	9.0
MYSTIC	9.0	9.0
P-104 (PRINCETON 104)	9.0	9.0
PARADE	9.0	9.0
RAM-1	9.0	9.0
SOMERSET	9.0	9.0
SYDSPORT	9.0	9.0
WABASH	9.0	9.0
WELCOME	9.0	9.0
WW AG 468	9.0	9.0
WW AG 495	9.0	9.0
239 (SUFFOLK)	8.7	8.7
AMAZON	8.7	8.7
ASPEN	8.7	8.7
BA 72-441 (ABBAY)	8.7	8.7
BA 72-492 (ESTATE)	8.7	8.7
BRISTOL	8.7	8.7
CHERI	8.7	8.7
CLASSIC	8.7	8.7
CONNI	8.7	8.7
GEORGETOWN	8.7	8.7
GNOME	8.7	8.7
HV 97 (COCKTAIL)	8.7	8.7
K1-152	8.7	8.7
LIBERTY	8.7	8.7
NE 80-88	8.7	8.7
WW AG 491	8.7	8.7

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	SD1	MEAN
AQUILA	8.3	8.3
BA 70-242 (MARQUIS)	8.3	8.3
BA 73-626 (KELLY)	8.3	8.3
COMPACT	8.3	8.3
CYNTHIA	8.3	8.3
DAWN	8.3	8.3
DESTINY	8.3	8.3
F-1872 (FREEDOM)	8.3	8.3
HAGA	8.3	8.3
HUNTSVILLE	8.3	8.3
K3-178	8.3	8.3
MERIT	8.3	8.3
MONOPOLY	8.3	8.3
TRENTON	8.3	8.3
VICTA	8.3	8.3
WW AG 496	8.3	8.3
BAR VB 577 (BARLYMPIA)	8.0	8.0
HARMONY	8.0	8.0
JOY	8.0	8.0
KENBLUE	8.0	8.0
LOFTS 1757	8.0	8.0
RUGBY	8.0	8.0
S.D. CERTIFIED	8.0	8.0
TENDOS	8.0	8.0
NASSAU	7.7	7.7
PST-CB1	7.7	7.7
MERION	7.0	7.0
LSD VALUE	0.8	0.8

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

TABLE 10. PERCENT LIVING GROUND COVER (SPRING)
 RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 1990 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO1	MEAN
239 (SUFFOLK)	85.0	85.0
F-1872 (FREEDOM)	85.0	85.0
A-34	83.3	83.3
BA 72-492 (ESTATE)	81.7	81.7
RUGBY	81.7	81.7
JULIA	80.0	80.0
BA 72-500 (CHATEAU)	78.3	78.3
CLASSIC	78.3	78.3
GLADE	78.3	78.3
HAGA	78.3	78.3
SOMERSET	78.3	78.3
WABASH	78.3	78.3
BA 69-82	76.7	76.7
BA 70-139 (COVENTRY)	76.7	76.7
BA 73-540	76.7	76.7
IKONE	76.7	76.7
JOY	76.7	76.7
S.D. CERTIFIED	76.7	76.7
AQUILA	75.0	75.0
ASPEN	75.0	75.0
BA 72-441 (ABBAY)	75.0	75.0
BAR VB 577 (BARLYMPIA)	75.0	75.0
HUNTSVILLE	75.0	75.0
K1-152	75.0	75.0
K3-178	75.0	75.0
LIBERTY	75.0	75.0
NE 80-88	75.0	75.0
PST-CB1	75.0	75.0
TRENTON	75.0	75.0
AMAZON	73.3	73.3
BA 73-626 (KELLY)	73.3	73.3
BAR VB 534	73.3	73.3
CHERI	73.3	73.3
GEORGETOWN	73.3	73.3
MIDNIGHT	73.3	73.3
SYDSPORT	73.3	73.3
WW AG 491	73.3	73.3
ABLE I	71.7	71.7
AMERICA	71.7	71.7
ASSET	71.7	71.7
BARON	71.7	71.7
BRISTOL	71.7	71.7
ECLIPSE	71.7	71.7
HARMONY	71.7	71.7
KENBLUE	71.7	71.7

PERCENT LIVING GROUND COVER (SPRING)
 RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 1990 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS

NAME	MO1	MEAN
TENDOS	71.7	71.7
WW AG 496	71.7	71.7
ANNIKA	70.0	70.0
BLACKSBURG	70.0	70.0
MYSTIC	70.0	70.0
PARADE	70.0	70.0
RAM-1	70.0	70.0
COMPACT	68.3	68.3
DAWN	68.3	68.3
MERIT	68.3	68.3
MONOPOLY	68.3	68.3
NASSAU	68.3	68.3
P-104 (PRINCETON 104)	68.3	68.3
CYNTHIA	66.7	66.7
GNOME	66.7	66.7
HV 97 (COCKTAIL)	66.7	66.7
LOFTS 1757	66.7	66.7
CHALLENGER	65.0	65.0
BA 70-242 (MARQUIS)	63.3	63.3
MERION	63.3	63.3
VICTA	63.3	63.3
WELCOME	60.0	60.0
DESTINY	58.3	58.3
BARZAN	56.7	56.7
WW AG 495	56.7	56.7
WW AG 468	51.7	51.7
CONNI	48.3	48.3
LSD VALUE	11.6	11.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES,
 SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
 STATISTICAL DIFFERENCES OCCR 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
 1990 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	MO1	MEAN
BA 72-500 (CHATEAU)	80.0	80.0
F-1872 (FREEDOM)	76.7	76.7
JULIA	73.3	73.3
SOMERSET	73.3	73.3
TRENTON	71.7	71.7
A-34	70.0	70.0
BA 69-82	68.3	68.3
BA 70-139 (COVENTRY)	68.0	68.0
CLASSIC	66.7	66.7
K1-152	65.0	65.0
K3-178	65.0	65.0
AQUILA	63.3	63.3
RUGBY	63.3	63.3
239 (SUFFOLK)	61.7	61.7
BAR VB 534	61.7	61.7
PARADE	61.7	61.7
BA 72-492 (ESTATE)	60.0	60.0
WABASH	60.0	60.0
BA 73-540	58.3	58.3
HAGA	58.3	58.3
JOY	58.3	58.3
LIBERTY	58.3	58.3
PST-CB1	58.3	58.3
WW AG 491	58.3	58.3
BLACKSBURG	56.7	56.7
BRISTOL	56.7	56.7
MERIT	56.7	56.7
RAM-1	56.7	56.7
AMERICA	55.0	55.0
GLADE	55.0	55.0
GNOME	55.0	55.0
MIDNIGHT	55.0	55.0
MONOPOLY	55.0	55.0
BA 73-626 (KELLY)	53.3	53.3
DAWN	53.3	53.3
GEORGETOWN	53.3	53.3
MYSTIC	53.3	53.3
TENDOS	53.3	53.3
ABLE I	51.7	51.7
ANNIKA	51.7	51.7
ASSET	51.7	51.7
BAR VB 577 (BARLYMPIA)	51.7	51.7
CHERI	51.7	51.7
ECLIPSE	51.7	51.7
LOFTS 1757	51.7	51.7

PERCENT LIVING GROUND COVER (SUMMER)
 RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 1990 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS

NAME	MO1	MEAN
MERION	51.7	51.7
NE 80-88	50.0	50.0
SYDSPORT	50.0	50.0
CHALLENGER	48.3	48.3
HARMONY	48.3	48.3
HUNTSVILLE	48.3	48.3
P-104 (PRINCETON 104)	48.3	48.3
S.D. CERTIFIED	48.3	48.3
WW AG 496	48.3	48.3
ASPEN	46.7	46.7
BA 72-441 (ABBAY)	46.7	46.7
BARON	46.7	46.7
CYNTHIA	46.7	46.7
IKONE	45.0	45.0
VICTA	45.0	45.0
BA 70-242 (MARQUIS)	43.3	43.3
HV 97 (COCKTAIL)	43.3	43.3
AMAZON	41.7	41.7
WW AG 468	41.7	41.7
BARZAN	40.0	40.0
DESTINY	40.0	40.0
NASSAU	40.0	40.0
COMPACT	38.3	38.3
KENBLUE	36.7	36.7
WELCOME	36.7	36.7
WW AG 495	28.3	28.3
CONNI	25.0	25.0
LSD VALUE	23.5	23.5

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

TABLE 12. PERCENT LIVING GROUND COVER (FALL)
RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	MO1	MEAN
BA 72-500 (CHATEAU)	81.7	81.7
BA 73-540	75.0	75.0
TRENTON	75.0	75.0
ASPEN	71.7	71.7
BA 69-82	71.7	71.7
BA 70-139 (COVENTRY)	68.3	68.3
A-34	66.7	66.7
CHERI	66.7	66.7
JOY	66.7	66.7
LIBERTY	66.7	66.7
RUGBY	66.7	66.7
SOMERSET	66.7	66.7
AMERICA	65.0	65.0
BRISTOL	65.0	65.0
F-1872 (FREEDOM)	65.0	65.0
GLADE	65.0	65.0
LOFTS 1757	65.0	65.0
PARADE	65.0	65.0
SYDSPORT	65.0	65.0
WW AG 491	65.0	65.0
BA 72-441 (ABBAY)	63.3	63.3
BA 72-492 (ESTATE)	63.3	63.3
JULIA	63.3	63.3
MERIT	63.3	63.3
WABASH	63.3	63.3
BA 73-626 (KELLY)	61.7	61.7
BARON	61.7	61.7
CLASSIC	61.7	61.7
CYNTHIA	61.7	61.7
DAWN	61.7	61.7
MONOPOLY	61.7	61.7
CHALLENGER	60.0	60.0
GEORGETOWN	60.0	60.0
239 (SUFFOLK)	58.3	58.3
ASSET	58.3	58.3
PST-CB1	58.3	58.3
RAM-1	58.3	58.3
BARZAN	56.7	56.7
BLACKSBURG	56.7	56.7
K3-178	56.7	56.7
HAGA	55.0	55.0
S.D. CERTIFIED	55.0	55.0
AQUILA	53.3	53.3
BAR VB 534	53.3	53.3
BAR VB 577 (BARLYMPIA)	53.3	53.3

PERCENT LIVING GROUND COVER (FALL)
 RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 1990 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS

NAME	MO1	MEAN
MIDNIGHT	53.3	53.3
VICTA	53.3	53.3
HUNTSVILLE	51.7	51.7
IKONE	51.7	51.7
K1-152	51.7	51.7
NE 80-88	51.7	51.7
AMAZON	50.0	50.0
COMPACT	50.0	50.0
DESTINY	50.0	50.0
ECLIPSE	50.0	50.0
GNOME	50.0	50.0
TENDOS	50.0	50.0
WW AG 496	48.3	48.3
ABLE I	46.7	46.7
HARMONY	46.7	46.7
NASSAU	46.7	46.7
ANNIKA	43.3	43.3
BA 70-242 (MARQUIS)	43.3	43.3
P-104 (PRINCETON 104)	43.3	43.3
HV 97 (COCKTAIL)	41.7	41.7
MERION	41.7	41.7
MYSTIC	41.7	41.7
KENBLUE	40.0	40.0
WW AG 468	38.3	38.3
WW AG 495	36.7	36.7
CONNI	31.7	31.7
WELCOME	31.7	31.7
LSD VALUE	20.4	20.4

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

TABLE 13. LEAFSPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

LEAFSPOT RATINGS 1-9; 9=NO DISEASE 1/			
NAME	BC1	UB1	MEAN
P-104 (BRINCETON 104)	8.0	7.7	7.8
BLACKSBURG	7.3	7.3	7.3
CONNI	.	7.3	7.3
AMAZON	7.0	7.3	7.2
MIDNIGHT	6.3	7.7	7.0
WW AG 468	6.3	7.3	6.8
ABLE I	5.7	7.7	6.7
LOFTS 1757	6.7	6.7	6.7
ECLIPSE	6.3	6.7	6.5
TENDOS	6.5	6.3	6.4
SOMERSET	6.0	6.7	6.3
A-34	6.7	5.7	6.2
AMERICA	5.7	6.7	6.2
ASPEN	5.7	6.7	6.2
BA 72-500 (CHATEAU)	6.3	6.0	6.2
CHERI	6.3	6.0	6.2
BA 70-139 (COVENTRY)	6.0	6.0	6.0
BA 73-540	6.0	6.0	6.0
DAWN	.	6.0	6.0
GNOME	6.7	5.3	6.0
LIBERTY	.	6.0	6.0
MYSTIC	5.7	6.3	6.0
SYDSPORT	6.0	6.0	6.0
WELCOME	6.0	6.0	6.0
BA 69-82	5.7	6.0	5.8
CHALLENGER	6.0	5.7	5.8
GLADE	5.7	6.0	5.8
HV 97 (COCKTAIL)	5.7	6.0	5.8
MERION	7.0	4.7	5.8
WW AG 495	5.0	6.7	5.8
ASSET	5.3	6.3	5.8
BA 72-492 (ESTATE)	6.3	5.3	5.8
WW AG 496	6.3	5.3	5.8
HAGA	5.7	5.7	5.7
CYNTHIA	6.0	5.3	5.7
AQUILA	5.7	5.3	5.5
BA 72-441 (ABBAY)	5.7	5.3	5.5
BARON	6.0	5.0	5.5
BRISTOL	5.3	5.7	5.5
IKONE	6.0	5.0	5.5
MONOPOLY	6.7	4.3	5.5
NASSAU	5.7	5.3	5.5
MERIT	5.7	5.0	5.3
WW AG 491	5.7	5.0	5.3
239 (SUFFOLK)	5.3	5.3	5.3

LEAFSPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

LEAFSPOT RATINGS 1-9; 9=NO DISEASE

NAME	BC1	UB1	MEAN
CLASSIC	6.3	4.3	5.3
COMPACT	.	5.3	5.3
PST-CB1	.	5.3	5.3
TRENTON	5.3	5.3	5.3
VICTA	5.7	4.7	5.2
BAR VB 577 (BARLYMPIA)	5.3	5.0	5.2
JULIA	5.3	5.0	5.2
K1-152	6.0	4.3	5.2
PARADE	5.3	5.0	5.2
BAR VB 534	5.7	4.3	5.0
GEORGETOWN	5.0	5.0	5.0
K3-178	5.7	4.3	5.0
RAM-1	5.3	4.7	5.0
RUGBY	5.7	4.3	5.0
BA 73-626 (KELLY)	5.3	4.3	4.8
ANNIKA	.	4.7	4.7
BA 70-242 (MARQUIS)	6.0	3.3	4.7
F-1872 (FREEDOM)	.	4.7	4.7
DESTINY	.	4.3	4.3
HARMONY	4.7	3.7	4.2
HUNTSVILLE	.	4.0	4.0
NE 80-88	.	4.0	4.0
BARZAN	4.3	3.3	3.8
WABASH	4.7	2.7	3.7
JOY	6.0	1.3	3.7
S.D. CERTIFIED	5.3	1.7	3.5
KENBLUE	4.7	2.0	3.3
LSD VALUE	1.2	1.9	1.2

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 14. RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

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

NAME	VA1	MEAN
LOFTS 1757	6.0	6.0
BA 72-441 (ABBEY)	5.7	5.7
ASPEN	5.3	5.3
BA 70-242 (MARQUIS)	5.3	5.3
BAR VB 534	5.3	5.3
BRISTOL	5.3	5.3
MONOPOLY	5.3	5.3
TENDOS	5.3	5.3
AMERICA	5.0	5.0
BA 70-139 (COVENTRY)	5.0	5.0
BA 73-626 (KELLY)	5.0	5.0
BLACKSBURG	5.0	5.0
DAWN	5.0	5.0
DESTINY	5.0	5.0
ECLIPSE	5.0	5.0
JOY	5.0	5.0
K1-152	5.0	5.0
MIDNIGHT	5.0	5.0
VICTA	5.0	5.0
WELCOME	5.0	5.0
WW AG 495	5.0	5.0
239 (SUFFOLK)	4.7	4.7
AMAZON	4.7	4.7
K3-178	4.7	4.7
LIBERTY	4.7	4.7
NASSAU	4.7	4.7
P-104 (PRINCETON 104)	4.7	4.7
PST-CB1	4.7	4.7
WW AG 468	4.7	4.7
BA 72-500 (CHATEAU)	4.3	4.3
BARON	4.3	4.3
BARZAN	4.3	4.3
CHALLENGER	4.3	4.3
CHERI	4.3	4.3
CYNTHIA	4.3	4.3
GNOME	4.3	4.3
HARMONY	4.3	4.3
KENBLUE	4.3	4.3
MERION	4.3	4.3
ASSET	4.0	4.0
CLASSIC	4.0	4.0
COMPACT	4.0	4.0
CONNI	4.0	4.0
F-1872 (FREEDOM)	4.0	4.0
GLADE	4.0	4.0

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE

NAME	VA1	MEAN
RUGBY	4.0	4.0
TRENTON	4.0	4.0
BA 69-82	3.7	3.7
HV 97 (COCKTAIL)	3.7	3.7
JULIA	3.7	3.7
NE 80-88	3.7	3.7
RAM-1	3.7	3.7
S.D. CERTIFIED	3.7	3.7
SOMERSET	3.7	3.7
WABASH	3.7	3.7
WW AG 491	3.7	3.7
A-34	3.3	3.3
BA 72-492 (ESTATE)	3.3	3.3
BA 73-540	3.3	3.3
GEORGETOWN	3.3	3.3
HAGA	3.3	3.3
HUNTSVILLE	3.3	3.3
IKONE	3.3	3.3
MYSTIC	3.3	3.3
PARADE	3.3	3.3
WW AG 496	3.3	3.3
ANNIKA	3.0	3.0
AQUILA	3.0	3.0
BAR VB 577 (BARLYMPIA)	3.0	3.0
MERIT	3.0	3.0
ABLE I	2.7	2.7
SYDSPORT	2.3	2.3
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 OCCR WHEN THIS VALUE IS LARGER
THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 15. STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

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

NAME	NJ1	MEAN
ABLE I	8.7	8.7
BLACKSBURG	8.7	8.7
IKONE	8.7	8.7
LOFTS 1757	8.7	8.7
MERION	8.7	8.7
MIDNIGHT	8.7	8.7
WW AG 495	8.7	8.7
239 (SUFFOLK)	8.3	8.3
ASPEN	8.3	8.3
ASSET	8.3	8.3
BA 72-492 (ESTATE)	8.3	8.3
BA 73-540	8.3	8.3
BRISTOL	8.3	8.3
HV 97 (COCKTAIL)	8.3	8.3
JULIA	8.3	8.3
SOMERSET	8.3	8.3
A-34	8.0	8.0
AQUILA	8.0	8.0
BA 72-500 (CHATEAU)	8.0	8.0
BAR VB 577 (BARLYMPIA)	8.0	8.0
CHERI	8.0	8.0
CONNI	8.0	8.0
DAWN	8.0	8.0
F-1872 (FREEDOM)	8.0	8.0
GLADE	8.0	8.0
K1-152	8.0	8.0
K3-178	8.0	8.0
LIBERTY	8.0	8.0
MONOPOLY	8.0	8.0
P-104 (PRINCETON 104)	8.0	8.0
TENDOS	8.0	8.0
AMERICA	7.7	7.7
BA 69-82	7.7	7.7
BA 70-139 (COVENTRY)	7.7	7.7
BAR VB 534	7.7	7.7
CLASSIC	7.7	7.7
COMPACT	7.7	7.7
CYNTHIA	7.7	7.7
DESTINY	7.7	7.7
ECLIPSE	7.7	7.7
MYSTIC	7.7	7.7
PST-CB1	7.7	7.7
SYDSFORT	7.7	7.7
ANNIKA	7.3	7.3
CHALLENGER	7.3	7.3

STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

STRIPE SMUT RATINGS 1-9; 9=NO DISEASE

NAME	NJ1	MEAN
HAGA	7.3	7.3
HUNTSVILLE	7.3	7.3
NE 80-88	7.3	7.3
PARADE	7.3	7.3
WABASH	7.3	7.3
WW AG 468	7.3	7.3
WW AG 496	7.3	7.3
GEORGETOWN	7.0	7.0
JOY	7.0	7.0
KENBLUE	7.0	7.0
NASSAU	7.0	7.0
RAM-1	7.0	7.0
RUGBY	7.0	7.0
TRENTON	7.0	7.0
WW AG 491	7.0	7.0
AMAZON	6.7	6.7
BARZAN	6.7	6.7
WELCOME	6.7	6.7
BA 70-242 (MARQUIS)	6.0	6.0
BA 72-441 (ABBAY)	6.0	6.0
BA 73-626 (KELLY)	6.0	6.0
S.D. CERTIFIED	6.0	6.0
MERIT	5.7	5.7
VICTA	5.7	5.7
BARON	5.3	5.3
HARMONY	5.0	5.0
GNOME	4.3	4.3
LSD VALUE	2.2	2.2

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

TABLE 16. CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

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

NAME	BC1	MEAN
BARZAN	8.7	8.7
TENDOS	8.5	8.5
BAR VB 577 (BARLYMPIA)	8.3	8.3
SYDSPORT	8.3	8.3
ABLE I	8.0	8.0
BA 69-82	8.0	8.0
BRISTOL	8.0	8.0
WELCOME	8.0	8.0
BA 72-492 (ESTATE)	7.7	7.7
BA 73-540	7.7	7.7
CHERI	7.7	7.7
PARADE	7.7	7.7
AMERICA	7.3	7.3
ASSET	7.3	7.3
BA 70-139 (COVENTRY)	7.3	7.3
BAR VB 534	7.3	7.3
CYNTHIA	7.3	7.3
HAGA	7.3	7.3
HV 97 (COCKTAIL)	7.3	7.3
JULIA	7.3	7.3
BA 72-500 (CHATEAU)	7.0	7.0
BLACKSBURG	7.0	7.0
CLASSIC	7.0	7.0
GEORGETOWN	7.0	7.0
GNOME	7.0	7.0
HARMONY	7.0	7.0
JOY	7.0	7.0
LOFTS 1757	7.0	7.0
NASSAU	7.0	7.0
P-104 (PRINCETON 104)	7.0	7.0
RAM-1	7.0	7.0
TRENTON	7.0	7.0
VICTA	7.0	7.0
WW AG 496	7.0	7.0
A-34	6.7	6.7
BA 70-242 (MARQUIS)	6.7	6.7
BA 72-441 (ABBAY)	6.7	6.7
BARON	6.7	6.7
K1-152	6.7	6.7
K3-178	6.7	6.7
KENBLUE	6.7	6.7
MERIT	6.7	6.7
MONOPOLY	6.7	6.7
RUGBY	6.7	6.7
S.D. CERTIFIED	6.7	6.7

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
1990 DATA

CROWN RUST RATINGS 1-9; 9=NO DISEASE

NAME	BC1	MEAN
WABASH	6.7	6.7
239 (SUFFOLK)	6.3	6.3
ASPEN	6.3	6.3
BA 73-626 (KELLY)	6.3	6.3
CHALLENGER	6.3	6.3
IKONE	6.3	6.3
ECLIPSE	6.0	6.0
GLADE	6.0	6.0
MIDNIGHT	6.0	6.0
WW AG 495	6.0	6.0
AQUILA	5.7	5.7
MERION	5.7	5.7
WW AG 468	5.7	5.7
MYSTIC	5.3	5.3
SOMERSET	5.3	5.3
WW AG 491	5.3	5.3
AMAZON	4.3	4.3
LSD VALUE	1.2	1.2

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).