

## NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

Executive Director - Dr. Robert Shearman, University of Nebraska

National Program Coordinator - Kevin N. Morris, National Turfgrass Federation, Inc.

### **CURRENT POLICY COMMITTEE MEMBERS:**

Dr. Richard White, Texas A&M University  
Dr. Anthony Koski, Colorado State University  
Dr. Thomas Fermanian, University of Illinois  
Dr. Gerald Pepin, Pickseed West, Inc.  
Dr. Bridget Ruemmele, University of Rhode Island  
Mr. Al Gardner, A-G Turf Farms, Inc.  
Dr. Michael Kenna, USGA Green Section  
Ms. Crystal Rose-Fricker, Pure-Seed Testing, Inc.

### **FOR ADDITIONAL REPORTS OR INFORMATION WRITE:**

Kevin Morris, National Program Coordinator  
National Turfgrass Evaluation Program  
Beltsville Agricultural Research Center-West  
Building 002, Room 013  
Beltsville, Maryland 20705

CONTENTS

1990 National Kentucky Bluegrass Test - 1993 data  
(Medium-High Maintenance)

LOCATIONS SUBMITTING DATA FOR 1993.....1

NATIONAL KENTUCKY BLUEGRASS TEST, 1990 (Medium-High Maintenance),  
Entries and Sponsors.....2

Table A - 1993 Locations, Site Descriptions and Management Practices in  
the 1990 National Kentucky Bluegrass Test (High Maintenance)....3

Table B - Locations and Data Collected in 1992.....4

Table 1 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass  
Cultivars Grown under High Maintenance at Nineteen Locations  
in the U.S.....6

Table 2 - Mean Turfgrass Quality Ratings of Kentucky Bluegrass  
Cultivars for Each Month Grown under High Maintenance at  
Nineteen Locations in the U.S.....9

Table 3 - Ranking of Mean Turfgrass Quality Ratings of Kentucky  
Bluegrass Cultivars under High Maintenance at Nineteen  
Locations in the U.S.....12

Table 4 - Genetic Color Ratings of Kentucky Bluegrass Cultivars.....15

Table 5 - Spring Greenup Ratings of Kentucky Bluegrass Cultivars.....17

Table 6 - Leaf Texture Ratings of Kentucky Bluegrass Cultivars.....19

Table 7 - Spring Density Ratings of Kentucky Bluegrass Cultivars.....21

Table 8 - Summer Density Ratings of Kentucky Bluegrass Cultivars.....23

Table 9 - Fall Density Ratings of Kentucky Bluegrass Cultivars.....25

Table 10 - Percent Living Ground Cover (Fall) Ratings of Kentucky  
Bluegrass Cultivars.....27

Table 11 - Winter Color Ratings of Kentucky Bluegrass Cultivars.....29

Table 12 - Drought Tolerance (Recovery) Ratings of Kentucky  
Bluegrass Cultivars.....31

Table 13 - Melting Out Ratings of Kentucky Bluegrass Cultivars .....33

Table 14 - Leafspot Ratings of Kentucky Bluegrass Cultivars.....35

Table 15 - Dollar Spot Ratings of Kentucky Bluegrass Cultivars.....37

CONTENTS (Continued)

Table 16 - Summer Patch Ratings of Kentucky Bluegrass Cultivars.....39  
Table 17 - Flood Recovery Ratings of Kentucky Bluegrass Cultivars.....41  
Table 18 - Necrotic Ring Spot Ratings of Kentucky Bluegrass Cultivars.....43

LOCATIONS SUBMITTING DATA FOR 1993

<u>State</u>	<u>Location</u>	<u>Code</u>
Colorado	Fort Collins	CO1
Idaho	Post Falls	ID2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Iowa	Ames	IA1
Kentucky	Lexington	KY1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Michigan	East Lansing	MI1
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
New Jersey	Martinsville	NJ3
Oregon	Hubbard (30-40% Shade)	OR2
Oregon	Summary of data collected at Halsey and Hubbard	OR9
Rhode Island	Kingston	RI1
Virginia	Blacksburg	VA1
Virginia	Haymarket	VA2
Washington	Pullman	WA1

1990 NATIONAL KENTUCKY BLUEGRASS TEST  
(Medium-High Maintenance)

Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	A-34	Davenport Seed Company	46	Ampellia	Cebeco Handelsraad	91	Julia	LESCO/Jacklin Seed Co.
2	Able I	Davenport Seed Company	47	Fortuna	Cebeco Handelsraad	92	J13-152	Jacklin Seed Company
3	Estate	Roberts Seed Co.	48	Noblesse	International Seeds, Inc.	93	J34-99	Jacklin Seed Company
4	Marquis	Roberts Seed Co.	49	Miracle	Cebeco Handelsraad	94	Glade	Jacklin Seed Company
5	Classic	Peterson Seed Company	50	EVB 13.863	International Seeds, Inc.	95	Suffolk	Loft's Seed, Inc.
6	Monopoly	Peterson Seed Company	51	Silvia	Cebeco Handelsraad	96	Freedom	Jacklin Seed Company
7	Broadway	Limagrain Genetics	52	HV 125	Advanta Seeds West, Inc.	97	Destiny	Jonathan Green & Son
8	Merit	Full Circle	53	Cynthia	Advanta Seeds West, Inc.	98	J-333	Jacklin Seed Company
9	Shamrock (H86-712)	LESCO, Inc.	54	EVB 13.703	International Seeds, Inc.	99	Eclipse	Jacklin Seed Company
10	Barblue	Barenbrug Holland	55	Washington	Cascade Inter./Jon. Green	100	Limousine	Jacklin Seed Company
11	Baron	Barenbrug Holland	56	BAR VB 1169	Barenbrug Holland	101	Merion	-
12	Barzan	Barenbrug Holland	57	Barcelona (BAR VB 1184)	Barenbrug Holland	102	NuStar	Jacklin Seed Company
13	Barsweet	Barenbrug Holland	58	Barmax (BAR VB 7037)	Barenbrug Holland	103	J-335	Jacklin Seed Company
14	Bartitia	Barenbrug Holland	59	Ram-1	Loft's Seed, Inc.	104	J-386	Jacklin Seed Company
15	BAR VB 852	Barenbrug Holland	60	Eagleton	Loft's Seed, Inc.	105	NuBlue (J-229)	Medalist America
16	Baronie (BAR VB 985)	Barenbrug Holland	61	Georgetown	Loft's Seed, Inc.	106	Liberty	Zajac Performance Seeds
17	Crest	Pickseed West	62	Preakness (602)	Loft's Seed, Inc.	107	J11-94	Jacklin Seed Company
18	Indigo	Pickseed West	63	1757	Loft's Seed, Inc.	108	Aspen	Medalist America
19	Touchdown	Pickseed West	64	Princeton 104	Loft's Seed, Inc.	109	Kelly	Medalist America
20	Banff	Pickseed West	65	Belmont (798)	Loft's Seed, Inc.	110	Trenton	Medalist America
21	Alpine	Pickseed West	66	PST-A84-405	Pure-Seed Testing, Inc.	111	Dawn	LESCO, Inc.
22	Allure (Ba 73-540)	Davenport Seed Company	67	4 Aces (PST-RE-88)	Turf-Seed, Inc.	112	Haga	E. F. Burlingham & Son
23	Conni	Danish Plant Breeding	68	PST-A7-1877	Pure-Seed Testing, Inc.	113	Opal	E. F. Burlingham & Son
24	Platini	Danish Plant Breeding	69	PST-UD-10	Pure-Seed Testing, Inc.	114	SR 2000	Seed Research of Oregon
25	Donna	Advanta Seeds West, Inc.	70	PST-A7-341	Pure-Seed Testing, Inc.	115	SR 2100	Seed Research of Oregon
26	Miranda	Advanta Seeds West, Inc.	71	Livingston	Turf-Seed, Inc.	116	Minstrel	Advanta Seeds West, Inc.
27	Ba 70-131	O. M. Scott & Son	72	PST-HV-116	Pure-Seed Testing, Inc.	117	Gnome	Turf Merchants
28	Cannon (Ba 73-381)	Advanta Seeds West, Inc.	73	BlueStar (PST-B8-13)	Pure-Seed Testing, Inc.	118	Chelsea	Turf Merchants
29	Ba 73-382	O. M. Scott & Son	74	PST-A84-803	Pure-Seed Testing, Inc.	119	Cobalt	Turf Merchants
30	Ba 76-305	O. M. Scott & Son	75	PST-1DW	Pure-Seed Testing, Inc.	120	KWS Pp 13-2	Turf Merchants
31	Ba 77-292	O. M. Scott & Son	76	PST-R-740	Turf-Seed, Inc.	121	Ginger	Idaho Res. Found./Dye Seed
32	Buckingham (Ba 74-114)	O. M. Scott & Son	77	PST-C-224	Pure-Seed Testing, Inc.	122	Greenley	Idaho Res. Found./Dye Seed Co.
33	Ascot (Ba 77-279)	O. M. Scott & Son	78	R751A	Warren's Turf Nursery	123	Ronde	Idaho Res. Found./Dye Seed Co.
34	Ba 78-258	O. M. Scott & Son	79	PST-0514	Pure-Seed Testing, Inc.	124	Kenblue	-
35	WW Ag 505	Jacklin Seed Company	80	Challenger	Turf-Seed, Inc.	125	South Dakota Cert.	-
36	WW Ag 508	Jacklin Seed Company	81	Midnight	Turf-Seed, Inc.			
37	Melba	Prodana Seeds	82	PST-A84-928	Pure-Seed Testing, Inc.			
38	Trampas	Prodana Seeds	83	Unique (PST-C-76)	Turf-Seed, Inc.			
39	Abbey	O. M. Scott & Son	84	PST-UD-12	Pure-Seed Testing, Inc.			
40	Coventry	O. M. Scott & Son	85	Blacksburg	Turf-Seed, Inc.			
41	Fairfax (Ba 69-82)	O. M. Scott & Son	86	Opti-Green (PST-B8-106)	Pure-Seed Testing, Inc.			
42	Viva (Ba 73-366)	O. M. Scott & Advanta Seeds	87	Nassau	Loft's Seed/Jacklin Seed			
43	Ba 77-700	O. M. Scott & Son	88	Apex (Summit)	Medalist America			
44	NE 80-47	Smith Seed Services	89	Pennpro (PR-1)	LESCO, Inc.			
45	Cardiff	International Seeds, Inc.	90	PSU-151	Penn. State-Joe Duich			

TABLE A.

1993 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 1990 NATIONAL KENTUCKY BLUEGRASS TEST (HIGH MAINTENANCE)

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
CO1	SANDY CLAY LOAM	7.6-8.5	0-60	501+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
ID2	SILT LOAM AND SILT	6.1-6.5	0-60	501+	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	241-375	4.1-5.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
MD1	SAND	6.1-6.5	151-270	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
MI1	SANDY LOAM	7.1-7.5	-	-	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NE1	SANDY CLAY LOAM	6.6-7.0	151-270	376-500	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	61-150	376-500	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
NJ2	LOAM	6.1-6.5	271-450	241-375	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ3	SILT LOAM AND SILT	6.6-7.0	151-270	501+	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OR2	SILT LOAM AND SILT	5.6-6.0	151-270	241-375	4.1-5.0	UNIFORM SHADE	2.1-2.5	TO PREVENT DORMANCY
OR9	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	5.6-6.0	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
VA2	SILT LOAM AND SILT	6.1-6.5	271-450	376-500	2.1-3.0	FULL SUN	2.6-3.0	NO IRRIGATION
WA1	SILT LOAM AND SILT	6.1-6.5	0-60	501+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	JANUARY QUALITY RATINGS	FEBRUARY QUALITY RATINGS	MARCH QUALITY RATINGS	APRIL QUALITY RATINGS	MAY QUALITY RATINGNS	JUNE QUALITY RATINGS	JULY QUALITY RATINGS	AUGUST QUALITY RATINGS	SEPTEMBER QUALITY RATINGS	OCTOBER QUALITY RATINGS	NOVEMBER QUALITY RATINGS	DECEMBER QUALITY RATINGS	GENETIC COLOR RATINGS	SPRING GREENUP RATINGS
CO1					X	X	X	X	X	X				
IA1					X	X	X	X	X	X				
ID2						X	X				X		X	X
IL1				X	X	X	X	X	X					X
IL2				X	X	X	X	X	X					
KY1			X	X	X	X	X	X	X	X				
MD1				X	X		X	X	X	X		X		
MI1					X	X	X	X	X					
NE1						X		X	X				X	
NJ1	X		X	X	X	X	X	X	X	X	X	X		
NJ2	X			X	X	X	X	X	X	X	X	X		
NJ3					X			X		X			X	
OR2				X	X	X	X	X	X	X				
OR9	X	X	X	X	X	X	X	X	X	X	X	X		
RI1				X	X	X	X	X	X	X	X			X
UB1				X	X	X	X	X	X	X	X			
VA1				X	X	X		X	X	X				
VA2				X	X	X	X	X	X	X	X		X	
WA1				X	X		X							

TABLE B. (CONTINUED)

## LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	LEAF TEXTURE RATINGG	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER FALL	WINTER COLOR	RECOVERY	MELTING OUT RATINGS	LEAF SPOT	DOLLAR SPOT	FUSARIUM BLIGHT	FLOOD RECOVERY	PERCENT PLOT GREEN	NECROTIC RING SPOT
CO1						X								
IA1														
ID2						X			X					X
IL1										X				
IL2														
KY1														
MD1										X	X			
MI1														
NE1												X		
NJ1				X					X					
NJ2									X					
NJ3	X	X	X	X										
OR2														
OR9								X						
RI1										X				
UB1														
VA1						X								
VA2					X		X						X	
WA1														

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																			
	CO1	IA1	ID2	IL1	IL2	KY1	MD1	MI1	NE1	NJ1	NJ2	NJ3	OR2	OR9	RI1	UB1	VA1	VA2	WA1	MEAN
* MIDNIGHT	7.1	7.4	8.1	4.3	6.8	8.2	6.6	6.3	5.9	6.5	6.7	7.3	4.5	6.3	5.1	7.5	5.3	3.0	6.1	6.3
* BLACKSBURG	7.2	7.4	7.4	5.3	5.9	6.7	6.3	6.7	5.7	6.0	6.0	6.1	5.6	6.2	5.6	7.5	5.8	3.1	5.8	6.1
* APEX (SUMMIT)	7.0	7.6	8.7	6.2	6.1	6.1	6.8	6.5	7.3	2.9	5.9	5.9	6.5	6.0	5.2	7.6	5.2	2.4	6.0	6.1
* ECLIPSE	6.6	7.2	6.4	5.0	5.8	6.5	6.4	6.7	6.2	6.3	6.3	5.9	4.3	5.6	6.1	6.8	6.0	3.2	6.3	6.0
PST-1DW	6.6	7.2	8.7	5.7	6.8	5.9	6.1	6.3	6.6	3.3	5.9	6.3	5.6	6.0	5.1	7.8	4.8	3.0	5.9	6.0
* PRINCETON 104	7.3	6.8	5.6	6.8	6.4	6.8	6.1	6.2	5.2	5.2	6.3	6.0	4.8	6.6	5.6	6.1	6.0	2.6	5.9	5.9
PST-UD-10	6.4	7.1	6.0	4.9	6.5	6.5	6.1	6.3	5.9	6.7	6.2	5.4	4.8	6.2	6.0	6.2	5.7	3.5	5.8	5.9
* ASCOT (BA 77-279)	6.7	7.5	7.4	4.2	5.2	6.5	6.2	6.5	6.1	5.5	5.9	6.0	6.5	5.8	5.7	6.0	5.1	2.9	6.0	5.9
* ABLE I	6.3	7.3	6.2	4.2	6.2	6.9	6.1	6.3	5.7	5.7	6.2	6.1	6.4	6.2	5.8	5.9	5.6	2.9	5.6	5.9
PST-0514	6.4	7.4	7.1	4.4	6.1	6.5	6.0	6.3	6.3	4.9	5.9	5.9	6.6	6.2	5.1	6.7	4.8	3.0	5.6	5.9
* LIMOUSINE	6.3	7.3	7.4	5.6	5.9	4.2	6.3	6.9	7.1	5.2	5.5	5.8	5.1	6.1	4.7	7.1	6.1	2.8	5.8	5.8
* ALPINE	6.3	7.4	7.6	5.6	4.8	6.1	5.9	6.9	5.8	4.3	5.3	5.9	5.5	5.9	5.2	7.4	5.8	2.8	6.1	5.8
* SHAMROCK (H86-712)	6.4	6.9	6.1	6.0	6.9	5.5	6.0	6.7	5.1	6.1	5.2	5.1	4.4	6.1	5.7	6.5	5.8	3.6	6.1	5.8
* SR 2000	6.4	7.0	5.3	5.4	6.6	6.9	6.7	6.7	5.7	6.8	6.1	5.7	4.0	5.2	5.5	5.9	4.3	3.6	6.0	5.8
* UNIQUE (PST-C-76)	6.0	7.1	5.3	4.6	6.3	6.3	6.1	6.8	6.3	5.3	5.4	6.2	5.8	5.8	5.5	6.4	5.2	3.4	6.1	5.8
* BREAKNESS (602)	5.9	7.1	6.1	6.0	7.0	6.5	6.4	6.5	5.9	5.5	5.3	5.4	3.7	5.6	5.5	7.0	6.1	3.0	5.1	5.8
BARCELONA (BAR VB 1184)	6.8	6.9	6.6	4.1	6.2	5.4	6.0	6.5	6.1	4.0	5.8	6.0	5.9	6.5	5.6	6.9	5.4	2.7	5.7	5.7
BAR VB 852	5.4	7.1	5.2	5.6	7.1	5.4	5.9	6.6	6.7	5.4	4.9	5.0	5.4	5.9	5.5	6.9	5.5	4.0	5.4	5.7
EVB 13.703	6.2	7.2	6.0	4.7	5.8	5.4	5.6	6.7	5.7	5.5	6.3	5.3	5.5	5.8	5.6	7.2	5.4	2.8	6.0	5.7
* ASPEN	6.1	7.1	5.0	4.8	6.2	6.7	6.1	6.4	5.8	5.8	5.6	5.8	5.3	5.4	5.4	5.9	5.8	3.5	5.8	5.7
CARDIFF	6.1	7.0	6.2	4.1	6.2	6.3	5.8	6.6	5.2	5.2	6.2	5.0	6.0	5.4	5.4	7.0	5.3	3.2	6.1	5.7
* EAGLETON	6.1	7.2	6.1	6.2	7.6	5.8	6.2	6.7	6.1	4.9	4.7	5.3	5.1	4.9	5.9	6.7	4.8	3.5	4.1	5.7
* COVENTRY	6.1	7.1	6.0	5.4	6.5	5.6	6.5	6.5	6.0	4.6	4.7	5.0	6.0	5.5	5.0	6.6	5.1	3.3	5.9	5.7
* ALLURE (BA 73-540)	5.9	7.3	5.1	5.5	6.5	5.4	6.3	6.7	5.6	3.9	4.9	5.4	6.4	6.1	5.3	6.5	5.0	3.9	5.8	5.7
PST-A7-1877	5.9	7.0	4.8	5.3	6.5	5.2	6.6	6.8	6.3	4.4	5.5	4.9	5.9	5.7	5.3	6.8	5.2	3.1	6.0	5.6
* GLADE	6.1	7.4	7.0	5.2	7.1	6.4	6.1	7.1	6.3	3.0	5.1	4.6	5.0	5.5	5.8	6.7	4.7	3.3	4.9	5.6
* NUSTAR	5.8	7.1	6.2	4.9	6.6	5.7	6.2	6.1	5.9	5.2	5.5	5.2	5.2	5.2	5.5	6.8	5.3	3.3	5.3	5.6
* CYNTHIA	6.0	7.3	6.1	5.3	5.8	5.5	6.2	6.3	5.8	4.0	5.2	6.0	5.6	6.3	5.3	6.8	5.4	2.6	5.4	5.6
PSU-151	6.3	7.0	4.8	5.8	6.9	5.5	6.1	7.1	5.9	5.2	5.5	5.3	5.0	5.4	5.0	6.2	5.5	3.0	5.3	5.6
* WASHINGTON	5.8	6.8	6.0	5.7	6.4	5.9	6.0	6.4	6.1	3.8	4.7	5.7	5.7	6.2	5.3	6.1	5.9	3.0	5.3	5.6
* BARTITIA	6.4	7.0	6.2	4.4	6.0	4.8	5.8	6.5	6.0	4.5	6.0	5.3	6.4	6.3	5.7	6.8	4.9	2.6	5.1	5.6
BA 70-131	6.2	7.4	6.1	5.2	5.6	5.5	6.6	6.9	5.4	4.3	5.0	4.9	5.6	5.8	5.1	6.5	5.2	3.3	6.0	5.6
WW AG 505	6.8	7.4	6.9	5.1	5.8	4.9	6.0	6.4	5.6	2.8	5.4	5.9	4.7	6.1	5.5	7.8	4.6	2.6	6.3	5.6
* FAIRFAX (BA 69-82)	5.9	6.7	5.2	5.3	6.2	5.1	6.3	6.7	6.3	4.7	5.1	4.8	5.8	5.8	5.3	6.8	5.1	3.6	5.7	5.6
OPTI-GREEN (PST-B8-106)	5.9	7.1	5.9	5.2	6.1	5.1	6.4	6.7	6.0	4.3	5.1	5.0	6.1	5.7	5.1	6.6	5.1	3.1	5.7	5.6
* 1757	6.0	6.7	5.4	4.0	6.6	6.3	6.1	6.7	6.0	5.2	5.2	5.0	5.2	6.2	5.5	5.6	5.9	3.0	5.7	5.6
PLATINI	6.4	7.1	6.1	4.8	5.8	4.1	6.1	7.0	6.7	5.3	5.2	5.3	5.4	5.8	5.3	6.5	4.7	2.7	5.9	5.6
WW AG 508	6.3	7.2	8.1	4.1	4.8	5.7	6.1	6.9	5.8	2.6	4.8	4.6	5.6	5.8	5.7	7.8	4.9	2.8	6.6	5.6
J-333	6.1	7.0	5.8	5.1	6.2	5.2	6.1	7.0	5.6	4.5	5.5	5.4	5.1	6.0	4.9	6.1	5.2	3.3	5.8	5.6
* CHALLENGER	6.1	7.0	6.4	3.2	5.9	6.6	.	6.6	5.8	5.1	5.4	5.3	5.6	5.8	5.2	6.6	4.9	3.2	5.3	5.6
* MINSTREL	5.6	6.9	7.0	4.1	5.2	6.3	6.0	6.7	5.9	3.8	5.3	5.4	4.9	6.5	5.5	6.8	4.6	3.4	5.7	5.6
* ESTATE	5.8	7.2	4.9	4.7	6.7	4.8	6.4	6.9	5.3	4.8	5.0	5.1	6.1	6.1	5.2	6.3	5.6	3.3	5.6	5.6
* PENNPRO (PR-1)	6.3	6.9	6.2	4.4	5.9	6.1	.	6.3	6.0	5.2	5.5	5.7	3.8	5.5	4.8	6.4	5.6	2.9	6.2	5.5
J-335	6.1	6.8	5.6	5.6	5.3	4.5	6.1	6.9	5.7	4.8	5.7	5.2	5.6	5.3	5.3	6.4	5.3	3.0	6.2	5.5
* JULIA	5.9	7.1	5.8	4.8	6.1	3.8	6.0	6.7	6.3	5.2	5.7	5.2	5.5	5.3	5.3	6.6	4.9	2.9	5.9	5.5

TABLE 1.  
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																			
	CO1	IA1	ID2	IL1	IL2	KY1	MD1	MI1	NE1	NJ1	NJ2	NJ3	OR2	OR9	RI1	UB1	VA1	VA2	WA1	MEAN
CONNI	6.2	7.7	6.4	3.9	6.3	5.3	6.0	6.4	5.9	3.7	4.8	5.3	5.3	6.0	5.1	7.2	4.9	2.5	5.9	5.5
BARONIE (BAR VB 985)	5.7	6.8	5.1	4.4	6.2	6.1	6.3	6.5	5.9	5.8	5.0	5.4	4.6	5.8	5.7	5.9	5.3	2.7	5.7	5.5
* LIBERTY	6.2	6.9	5.7	4.5	6.1	5.6	6.0	5.9	5.8	5.0	5.7	5.2	5.4	5.2	5.3	5.9	5.3	2.9	6.0	5.5
PST-A84-803	6.6	6.9	5.1	4.1	5.6	6.3	6.1	6.6	5.7	5.0	5.5	5.3	5.0	5.9	5.1	5.5	5.2	3.1	5.8	5.5
* A-34	5.2	7.0	4.4	4.6	6.1	5.8	6.2	6.4	6.2	5.0	5.2	5.0	5.3	5.9	5.6	6.7	5.7	2.8	5.2	5.5
* SILVIA	5.3	7.1	5.6	3.7	5.7	5.4	6.0	6.8	6.2	4.8	5.4	5.1	5.3	6.1	5.4	6.4	5.7	2.9	5.1	5.5
* BARBLUE	6.3	6.5	6.0	4.5	6.2	5.4	6.0	6.1	5.8	5.9	4.2	5.0	4.9	5.9	4.7	5.8	5.3	2.8	6.3	5.5
* TOUCHDOWN	6.4	6.7	4.6	4.5	6.3	5.8	6.2	6.9	5.4	4.9	5.3	5.3	3.5	6.0	5.2	6.4	5.5	3.0	6.0	5.5
* NUBLUE (J-229)	5.9	6.8	5.8	5.3	6.2	5.5	6.4	6.7	6.1	3.8	5.5	5.0	4.8	5.1	5.1	6.0	4.5	2.8	6.4	5.5
* HAGA	5.6	6.9	4.9	4.2	6.7	6.0	6.3	6.6	6.0	5.4	4.8	4.8	5.5	5.7	5.2	6.0	4.9	3.0	5.4	5.5
* TRENTON	5.6	6.8	4.6	4.8	6.2	6.2	6.1	6.9	6.0	5.8	5.4	5.2	5.1	5.4	4.7	5.6	4.9	2.8	5.6	5.4
* COBALT	5.3	6.8	5.6	4.3	6.6	5.6	6.2	7.0	5.8	5.2	4.9	4.9	4.9	5.2	4.8	5.8	5.2	3.6	5.8	5.4
* LIVINGSTON	5.8	6.8	4.1	4.6	6.5	6.5	6.1	6.3	5.9	5.1	4.8	5.0	4.6	5.5	6.0	5.6	5.3	3.3	5.2	5.4
* INDIGO	6.0	7.1	5.3	3.2	6.0	6.9	6.1	6.5	5.4	5.2	5.6	5.3	4.5	5.4	6.0	5.9	5.0	2.5	5.1	5.4
* BANFF	6.1	6.9	4.4	4.0	5.7	5.8	6.5	6.7	6.0	5.6	5.6	5.0	4.5	6.0	5.0	5.2	5.6	2.8	5.4	5.4
* CLASSIC	5.8	6.9	4.3	4.8	5.8	5.8	6.1	6.2	5.8	5.5	5.5	4.9	4.5	5.6	5.4	5.6	5.6	3.0	5.9	5.4
BAR VB 1169	6.4	7.0	5.6	4.1	5.5	2.8	6.4	6.9	6.1	5.4	5.6	5.3	5.5	6.1	5.3	5.8	5.1	2.6	5.6	5.4
* 4 ACES (PST-RE-88)	5.9	6.6	5.3	4.3	6.2	6.1	5.9	6.5	6.0	4.2	4.9	4.8	5.0	5.2	5.2	6.4	5.3	3.6	5.3	5.4
* BELMONT (798)	5.8	6.9	5.2	4.1	5.9	6.2	6.2	6.9	5.6	4.4	4.9	4.9	4.7	5.7	5.4	5.9	4.6	3.4	6.1	5.4
PST-UD-12	5.6	7.0	4.9	4.2	5.8	5.5	6.6	6.6	6.2	4.6	4.7	5.4	5.2	5.9	4.8	6.0	4.8	2.8	6.1	5.4
* RAM-1	6.1	7.1	6.3	3.8	6.2	5.0	6.0	6.3	5.1	4.3	4.6	4.7	5.5	5.7	5.7	6.9	5.3	3.3	4.7	5.4
PST-A84-405	6.2	6.8	5.3	4.2	5.5	6.3	5.8	6.3	5.3	5.5	5.0	4.9	4.5	5.1	5.9	6.2	5.2	3.0	5.3	5.4
PST-A84-928	6.6	6.6	6.8	3.7	6.1	6.2	6.1	6.8	5.2	2.8	4.8	4.9	4.4	5.1	5.1	6.6	5.0	3.8	5.7	5.4
BARSWEEP	5.9	7.1	5.7	4.0	5.4	4.0	6.6	7.0	6.6	4.8	5.0	6.2	4.7	5.6	5.2	6.8	4.0	2.3	5.4	5.4
HV 125	6.4	6.9	5.6	3.7	5.4	6.3	5.9	6.7	5.1	4.5	4.9	5.3	5.7	5.8	5.2	5.7	4.9	2.8	5.4	5.4
BA 78-258	6.7	6.6	5.4	4.6	6.3	5.6	6.0	6.1	5.2	3.3	4.4	5.4	5.2	5.4	5.7	6.1	4.7	3.4	5.9	5.4
* GEORGETOWN	5.8	6.9	5.1	4.3	5.7	5.9	6.1	6.5	5.9	5.7	5.1	5.0	4.5	5.5	5.3	5.3	5.3	2.7	5.4	5.4
* DAWN	5.7	6.9	5.4	4.3	5.3	5.8	6.4	6.9	6.0	5.4	5.6	4.8	4.8	5.4	5.0	5.4	4.9	2.7	5.3	5.4
* MARQUIS	6.2	6.4	5.1	3.7	6.4	6.9	6.2	6.7	5.3	3.2	4.5	4.7	5.4	4.9	5.6	6.4	4.8	3.7	5.8	5.4
* FORTUNA	6.0	6.7	5.6	3.9	6.4	6.5	6.0	6.3	5.0	3.4	4.7	5.2	5.0	5.3	5.6	6.5	4.9	3.6	5.3	5.4
J11-94	5.6	6.7	5.0	4.4	6.3	5.8	6.1	6.9	5.7	5.2	5.1	5.0	5.0	5.4	5.3	4.9	5.2	2.8	5.6	5.4
BA 76-305	5.9	5.8	6.0	4.3	6.1	6.4	5.7	6.7	4.9	2.9	4.8	5.0	5.3	5.3	5.5	6.5	5.2	3.5	5.9	5.4
* FREEDOM	5.1	6.9	5.2	4.1	5.4	5.7	6.3	6.5	6.2	5.3	5.4	5.1	4.7	5.5	5.2	5.6	5.5	2.8	5.3	5.4
* SUFFOLK	6.0	6.8	5.2	4.3	5.2	6.1	6.5	6.8	5.9	5.2	4.8	5.2	4.7	5.3	5.5	4.9	5.3	2.8	5.2	5.4
PST-C-224	5.7	7.2	4.0	4.8	5.4	5.0	.	6.8	5.7	4.3	4.7	4.9	6.6	6.0	4.7	6.7	5.0	3.2	5.4	5.3
* SR 2100	6.3	7.1	5.8	5.2	5.3	4.8	6.4	6.4	5.8	3.9	4.6	4.7	4.4	5.0	5.0	6.3	5.4	3.2	6.0	5.3
J13-152	6.1	7.1	5.2	4.2	5.2	6.2	6.0	6.7	5.8	4.7	5.0	5.0	5.0	5.4	5.0	5.6	5.1	2.7	5.4	5.3
EVB 13.863	6.1	6.8	5.2	3.9	6.2	5.2	6.3	6.3	5.8	3.6	4.9	5.3	5.5	5.4	5.0	5.5	5.1	2.8	6.6	5.3
* AMPELLIA	5.5	7.2	6.2	4.6	5.3	6.0	6.2	7.0	5.0	3.7	4.1	5.1	4.6	6.3	5.3	6.2	4.7	3.0	5.7	5.3
* MONOPOLY	4.7	6.7	3.7	5.7	6.6	5.5	6.2	6.5	5.3	4.9	5.0	4.6	4.4	5.6	5.5	5.9	5.7	3.4	5.3	5.3
* BARON	5.3	6.4	6.0	4.1	5.2	6.0	6.0	7.1	5.6	3.1	4.6	5.0	5.0	5.1	5.7	6.5	5.1	3.8	5.8	5.3
* GNOME	5.9	6.7	5.8	3.6	6.2	6.2	6.0	6.9	5.9	3.0	4.6	4.7	4.7	4.9	5.4	6.5	5.2	3.4	5.7	5.3
J-386	5.6	6.8	5.3	4.9	6.5	5.2	5.7	6.5	5.8	4.1	4.9	4.3	3.9	5.2	5.3	7.0	5.0	3.4	5.6	5.3
* BROADWAY	6.6	6.7	5.8	4.4	5.1	4.5	6.0	6.5	5.3	3.4	5.7	4.8	5.7	6.2	5.1	6.2	4.5	2.4	5.9	5.3
BA 77-700	6.3	6.7	5.0	3.9	6.2	6.5	6.2	6.5	4.9	3.1	4.8	4.4	4.8	5.4	5.7	6.5	5.0	3.4	5.3	5.3

TABLE 1.  
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																			
	CO1	IA1	ID2	IL1	IL2	KY1	MD1	MI1	NE1	NJ1	NJ2	NJ3	OR2	OR9	RI1	UB1	VA1	VA2	WA1	MEAN
MIRANDA	6.3	6.9	7.6	3.9	5.1	6.0	5.5	5.9	5.9	3.2	5.1	5.6	3.8	5.5	5.8	5.8	4.8	2.3	5.8	5.3
* OPAL	5.8	7.0	5.1	3.5	6.1	4.8	6.1	7.1	6.6	4.8	4.9	4.8	3.8	4.7	5.3	6.5	4.9	2.8	6.1	5.3
* MERIT	6.1	6.8	5.7	4.6	6.2	6.5	5.8	6.5	4.6	2.5	4.2	5.1	4.3	5.4	5.7	6.3	5.2	3.4	5.9	5.3
PST-A7-341	5.8	6.8	5.0	3.4	6.2	5.7	5.8	6.6	5.8	2.7	4.8	4.4	5.4	5.3	5.8	6.8	5.3	3.3	5.6	5.3
* ABBEY	6.3	6.5	5.1	3.6	6.3	6.2	6.2	6.5	5.1	3.5	4.7	4.7	4.4	5.1	5.7	6.3	5.5	3.4	5.6	5.3
* VIVA (BA 73-366)	6.1	6.7	4.8	4.0	6.0	6.3	5.9	6.5	5.4	3.4	4.2	4.4	4.5	5.6	5.9	6.3	5.1	3.6	5.8	5.3
* CANNON (BA 73-381)	6.1	5.8	5.4	4.0	5.5	6.0	6.1	6.6	5.2	3.5	4.9	4.3	5.0	5.1	5.4	6.4	5.3	3.5	6.0	5.3
BA 73-382	5.9	6.7	5.6	3.6	5.5	6.3	6.1	6.7	5.2	3.4	4.3	4.6	4.9	4.9	6.0	6.7	4.9	3.0	5.8	5.3
* CREST	6.3	6.8	4.3	3.4	6.1	6.5	5.9	6.6	5.1	3.1	4.4	4.7	5.2	5.3	5.8	6.3	5.3	3.1	5.4	5.2
J34-99	5.3	6.7	5.4	4.2	5.1	5.8	6.2	6.6	5.9	5.0	4.7	5.1	4.8	5.1	5.0	5.7	4.7	2.8	5.2	5.2
* KELLY	5.9	6.8	5.0	4.3	5.4	6.1	6.4	6.7	5.4	3.0	4.5	4.2	5.0	5.1	5.2	6.4	5.1	3.4	5.3	5.2
R751A	6.1	6.7	5.2	4.1	5.6	5.8	6.1	6.1	5.1	3.0	4.4	5.3	4.9	5.3	5.6	6.5	4.8	3.2	5.6	5.2
* TRAMPAS	5.8	7.1	6.0	4.6	5.9	5.8	6.0	6.7	5.6	2.9	4.4	4.6	4.6	5.6	5.1	6.4	4.8	2.3	5.2	5.2
* MELBA	5.7	6.7	7.0	4.6	5.8	5.8	6.1	6.0	5.3	3.0	4.0	4.8	5.3	5.5	5.3	6.4	4.4	2.3	5.3	5.2
PST-R-740	5.4	6.6	5.8	3.6	6.1	5.8	6.1	6.4	5.7	3.5	4.0	5.2	4.6	5.0	5.1	6.8	4.6	2.7	5.7	5.2
* NASSAU	5.8	6.6	4.9	3.0	5.1	6.5	6.0	6.7	5.4	5.0	4.7	5.2	5.0	5.3	5.2	4.9	4.7	2.9	5.6	5.2
* DESTINY	6.0	6.8	5.6	3.8	4.4	6.5	6.0	6.5	5.1	4.7	5.0	4.2	4.1	5.2	5.6	5.2	4.8	2.8	5.8	5.2
* MIRACLE	6.6	7.3	6.3	3.3	4.7	5.1	5.8	6.5	5.0	2.2	4.3	5.2	5.0	6.1	5.5	6.3	4.9	2.7	5.2	5.2
* NOBLESSE	6.3	6.6	7.0	3.6	5.2	5.2	5.7	6.4	4.9	3.0	4.1	5.2	4.3	5.6	5.6	5.3	5.2	2.8	6.1	5.1
NE 80-47	5.6	7.0	4.8	3.3	4.9	4.5	6.1	6.5	6.0	4.2	3.8	5.0	5.6	4.7	5.3	5.8	4.5	3.0	5.8	5.1
* BUCKINGHAM (BA 74-114)	5.6	6.1	6.1	2.9	4.6	5.9	5.5	6.5	5.4	3.6	5.0	5.4	4.3	5.5	4.6	5.3	5.1	3.1	5.7	5.1
* BARZAN	5.6	6.7	6.7	4.9	6.2	5.7	6.6	6.3	5.1	2.8	4.0	3.0	5.3	5.0	5.5	5.3	5.1	2.5	3.9	5.1
BARMAX (BAR VB 7037)	5.2	7.0	4.2	4.4	6.7	3.5	6.3	6.5	5.2	3.2	4.3	5.0	3.7	5.0	5.8	6.2	4.9	3.1	5.6	5.0
PST-HV-116	5.9	6.9	5.4	3.9	6.0	4.0	6.2	6.6	5.6	2.8	3.5	4.6	5.4	5.8	5.2	5.0	5.2	2.5	5.2	5.0
BA 77-292	5.6	6.9	5.6	3.2	6.2	6.0	5.8	6.8	5.3	3.0	3.4	4.3	4.0	4.9	4.9	5.8	4.3	3.3	5.0	5.0
* MERION	5.1	6.6	3.3	3.1	5.8	5.9	5.5	6.9	.	3.5	4.0	4.1	4.7	5.1	5.4	5.7	4.8	3.4	5.8	4.9
* BLUE STAR (PST-B8-13)	5.9	5.8	5.6	3.4	5.7	5.3	6.0	5.7	4.6	2.7	3.7	4.9	4.7	5.1	5.0	5.8	4.4	3.0	5.8	4.9
* CHELSEA	5.1	6.7	4.8	3.4	5.9	4.6	5.8	6.5	5.0	2.5	3.6	4.7	5.0	5.4	4.8	5.4	4.9	2.7	5.2	4.8
DONNA	5.2	6.4	4.6	4.1	5.1	4.1	5.5	6.0	4.8	2.4	3.7	5.2	3.6	4.7	5.0	5.6	3.7	2.8	6.0	4.6
KWS PP 13-2	5.6	6.4	4.6	3.6	5.3	5.2	5.9	6.7	4.8	2.3	3.1	2.6	4.4	4.7	4.8	5.4	4.7	2.9	5.3	4.6
* RONDE	4.8	6.9	3.4	4.8	6.3	5.0	5.5	6.5	6.1	1.7	2.6	1.9	4.1	4.2	4.8	6.1	4.2	3.1	3.9	4.5
* KENBLUE	3.7	6.2	2.0	4.2	6.3	5.0	5.6	5.9	5.4	2.8	2.4	2.8	4.2	4.1	4.9	5.4	4.2	2.9	3.9	4.3
GREENLEY	4.3	6.4	2.7	3.9	5.0	4.2	5.7	6.7	5.6	2.1	2.6	2.1	3.7	4.5	5.2	5.2	3.9	3.0	4.7	4.3
* SOUTH DAKOTA CERT.	4.1	6.1	3.7	3.6	5.2	4.3	5.7	6.2	4.9	2.9	2.3	2.1	4.1	3.8	4.6	5.2	4.3	3.1	3.7	4.2
* GINGER	3.7	6.0	2.7	2.8	4.2	3.7	5.2	5.7	4.2	1.8	1.8	2.0	3.2	3.7	5.0	4.5	4.4	3.1	5.6	3.9
LSL VALUE	0.7	0.5	1.4	1.1	1.3	1.0	0.7	0.9	1.0	0.8	0.7	0.9	1.2	0.6	0.7	0.8	0.8	0.6	0.7	0.2

\* COMMERCIALY AVAILABLE IN THE USA IN 1994

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 UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S. 1993 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	
MIDNIGHT	5.8	4.0	5.0	5.5	6.5	6.7	6.6	5.9	6.0	6.4	6.4	6.5	6.3
BLACKSBURG	5.8	4.7	5.2	5.6	6.6	6.7	6.4	5.8	5.6	6.1	6.2	6.0	6.1
APEX (SUMMIT)	4.8	5.0	4.1	5.4	6.8	7.1	6.6	5.4	5.3	5.5	5.0	4.5	6.1
ECLIPSE	4.1	4.0	5.3	5.6	6.3	6.4	6.4	5.8	5.6	6.0	5.8	5.9	6.0
EST-1DW	4.7	5.3	4.2	5.2	6.6	6.9	6.2	5.3	5.3	5.5	5.4	4.8	6.0
PRINCETON 104	6.3	7.0	6.0	5.7	6.4	6.3	6.1	5.7	5.5	5.6	5.1	6.1	5.9
EST-UD-10	6.4	6.7	6.2	5.6	6.4	6.3	5.8	5.5	5.8	5.8	6.0	6.3	5.9
ASCOT (BA 77-279)	5.8	5.0	4.8	5.0	6.2	6.7	6.5	5.4	5.1	5.9	5.3	5.6	5.9
ABLE I	5.9	4.3	5.3	5.5	6.6	6.7	6.1	5.2	5.2	6.0	5.4	5.9	5.9
EST-0514	5.4	4.3	4.6	5.4	6.4	6.7	6.0	5.2	5.2	5.7	5.8	5.9	5.9
LIMOUSINE	6.0	5.0	4.8	6.1	6.3	6.1	5.6	5.3	5.1	5.4	5.6	5.7	5.8
ALPINE	3.9	3.7	3.8	5.1	6.9	7.1	6.0	5.2	5.0	5.4	5.2	4.7	5.8
SHAMROCK (H86-712)	5.2	5.7	6.1	5.8	6.4	6.0	5.7	5.5	5.5	5.6	5.7	5.8	5.8
SR 2000	5.9	4.7	5.3	5.7	6.2	5.9	5.8	5.5	5.6	5.8	5.9	6.5	5.8
UNIQUE (PST-C-76)	4.0	4.7	5.0	5.4	6.0	5.8	5.9	5.6	5.9	5.9	5.5	5.4	5.8
BREAKNESS (602)	4.9	4.7	5.8	5.4	5.9	6.0	5.9	5.7	5.9	5.7	5.3	5.5	5.8
BARCELONA (BAR VB 1184)	5.3	4.0	4.8	5.5	6.3	6.3	5.9	5.4	5.2	5.4	5.0	5.5	5.7
BAR VB 852	5.8	5.3	4.8	5.8	5.9	6.3	5.8	5.5	5.4	5.6	4.7	5.3	5.7
EVB 13.703	5.1	4.3	4.7	6.0	5.8	6.2	6.1	5.3	5.1	5.8	5.6	5.3	5.7
ASPEN	6.4	6.7	5.7	5.6	6.0	5.7	5.6	5.3	5.5	5.9	5.4	6.2	5.7
CARDIFF	5.3	4.7	5.1	6.0	6.1	6.2	6.1	5.2	5.0	5.7	5.2	4.9	5.7
EAGLETON	3.1	3.3	4.4	4.9	5.1	5.7	6.1	5.9	6.0	6.1	5.7	5.5	5.7
COVENTRY	4.3	3.7	4.7	5.6	5.8	6.0	6.0	5.3	5.3	5.7	4.9	5.2	5.7
ALLURE (BA 73-540)	4.4	3.7	5.2	5.6	6.3	6.1	5.9	5.0	5.1	5.7	5.0	5.0	5.7
EST-A7-1877	4.8	4.0	4.9	5.7	6.1	6.1	5.9	5.2	5.2	5.6	4.9	5.8	5.6
GLADE	4.4	4.7	4.3	5.1	5.8	6.1	5.9	5.4	5.3	5.3	5.5	4.8	5.6
NUSTAR	5.4	5.0	4.2	5.2	5.9	5.9	5.6	5.5	5.4	5.7	5.4	5.7	5.6
CYNTHIA	6.8	6.7	5.2	5.1	5.6	6.0	5.8	5.4	5.1	5.4	4.9	5.4	5.6
PSU-151	5.2	5.3	5.7	5.4	5.8	5.6	5.7	5.4	5.3	5.7	5.3	5.7	5.6
WASHINGTON	4.4	5.7	5.3	5.6	5.7	5.9	5.9	5.3	5.0	5.4	5.3	5.0	5.6
BARTITIA	6.2	4.3	4.4	5.3	6.1	6.6	6.0	5.3	4.8	5.2	5.0	5.4	5.6
BA 70-131	4.6	4.0	4.7	5.5	6.0	6.1	5.9	5.1	5.1	5.5	5.4	5.4	5.6
FAIRFAX (BA 69-82)	4.6	3.7	5.1	5.5	5.8	6.0	5.9	5.2	5.3	5.6	5.1	5.5	5.6
WW AG 505	5.1	5.0	4.6	5.4	6.0	6.3	6.1	4.8	4.5	5.2	5.0	5.0	5.6
OPTI-GREEN (PST-B8-106)	5.2	4.0	4.9	5.5	6.1	6.1	5.7	4.9	5.1	5.3	4.8	5.3	5.6
1757	6.9	6.7	5.7	5.4	5.8	5.6	5.5	5.3	5.2	5.7	5.3	6.1	5.6
PLATINI	5.8	4.7	4.6	5.9	6.1	5.8	5.6	5.1	4.9	5.1	5.1	5.6	5.6
WW AG 508	4.0	4.7	4.7	5.4	6.2	6.7	6.1	4.8	4.4	4.8	4.6	4.1	5.6
J-333	5.0	6.0	5.4	5.7	6.0	6.1	5.8	5.1	5.0	5.2	4.8	4.9	5.6
CHALLENGER	5.9	4.7	5.7	5.3	5.6	5.9	5.7	5.2	5.2	5.5	5.5	5.7	5.6
MINSTREL	6.3	5.7	5.3	5.2	6.1	6.4	5.7	4.8	4.8	5.2	5.3	5.0	5.6
ESTATE	4.7	4.0	5.3	5.7	6.0	5.8	5.9	5.2	4.9	5.7	5.0	5.7	5.6
HENNPRO (PR-1)	6.8	5.3	5.4	5.4	6.0	5.7	5.6	4.9	4.8	5.5	4.9	5.6	5.5
J-335	6.2	4.0	4.7	5.8	5.9	5.6	5.4	5.1	5.1	5.5	5.0	5.6	5.5
JULIA	6.0	5.0	4.3	5.9	5.9	5.7	5.6	5.1	5.0	5.2	5.0	5.6	5.5

TABLE 2.  
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH  
MONTH GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
CONNI	6.0	5.7	4.3	5.2	6.3	6.3	6.0	4.8	4.6	5.2	4.5	4.3	5.5
BARONIE (BAR VB 985)	5.8	6.0	6.8	5.6	5.6	5.4	5.2	5.2	5.2	5.7	5.8	6.5	5.5
LIBERTY	6.6	5.7	5.2	5.4	5.8	5.5	5.4	5.2	4.9	5.7	5.2	5.8	5.5
PST-A84-803	6.3	5.7	5.3	5.2	5.8	5.7	5.5	5.1	5.2	5.5	5.3	6.0	5.5
SILVIA	5.4	5.3	5.4	5.4	5.5	5.7	5.4	5.3	5.1	5.6	5.4	5.8	5.5
A-34	4.3	5.3	5.6	5.7	5.7	5.6	5.6	5.2	5.0	5.6	5.2	5.7	5.5
TOUCHDOWN	6.6	5.3	5.8	5.5	6.0	5.8	5.7	4.9	4.8	5.5	4.5	5.4	5.5
NUBLUE (J-229)	6.2	4.3	5.0	5.3	5.7	5.8	5.6	4.9	4.7	5.2	5.0	4.8	5.5
HAGA	6.1	6.0	5.9	5.1	5.5	5.4	5.4	5.2	5.3	5.8	5.4	6.3	5.5
BARBLUE	5.9	5.0	6.3	5.6	6.2	5.8	5.3	4.5	4.4	5.3	5.4	6.2	5.5
TRENTON	6.7	6.0	6.0	5.3	5.5	5.4	5.0	5.1	5.3	5.8	5.3	6.5	5.4
COBALT	5.0	5.3	5.1	5.3	6.0	5.6	5.4	5.0	5.2	5.2	5.2	5.1	5.4
LIVINGSTON	5.1	5.0	5.8	5.2	5.4	5.5	5.6	5.4	5.4	5.7	5.2	5.1	5.4
INDIGO	4.8	4.7	5.0	5.1	5.9	5.5	5.3	5.2	5.5	5.6	5.4	5.3	5.4
BANFF	6.6	6.0	6.6	5.3	5.6	5.4	5.1	5.1	5.1	5.8	5.4	6.4	5.4
CLASSIC	7.0	6.3	6.1	5.5	5.5	5.4	5.1	4.9	5.1	5.7	5.5	6.3	5.4
BAR VB 1169	6.1	5.0	4.3	5.8	5.9	5.6	5.3	5.0	4.9	5.1	4.8	5.9	5.4
4 ACES (PST-RE-88)	4.7	3.7	5.1	5.3	5.3	5.7	5.7	5.3	5.3	5.4	4.8	4.6	5.4
BELMONT (798)	4.9	4.3	5.2	5.3	6.0	5.8	5.5	4.8	5.0	5.3	4.9	5.2	5.4
PST-UD-12	5.9	5.7	5.4	5.2	5.6	5.3	5.3	5.0	4.9	5.5	5.2	6.1	5.4
RAM-1	4.9	5.7	4.0	5.3	5.6	5.9	5.6	4.7	4.7	5.8	5.7	5.5	5.4
PST-A84-405	5.4	4.7	5.3	5.4	5.7	5.4	5.3	5.1	4.9	5.7	5.7	5.5	5.4
PST-A84-928	3.0	4.0	4.6	5.0	5.3	5.9	5.6	5.2	5.1	5.4	5.0	4.1	5.4
HV 125	4.4	4.3	4.8	5.4	6.1	5.7	5.3	4.9	4.7	5.4	5.2	5.3	5.4
BA 78-258	2.4	4.0	5.1	5.2	5.4	5.8	5.9	5.2	5.0	5.5	4.4	4.2	5.4
GEORGETOWN	6.2	6.3	6.0	5.4	5.6	5.2	5.0	5.0	5.2	5.6	5.4	6.0	5.4
DAWN	6.4	5.0	5.6	5.3	5.5	5.1	5.1	5.0	5.1	5.5	5.6	6.5	5.4
MARQUIS	2.4	3.3	5.1	5.1	5.4	5.8	5.8	5.3	5.3	5.5	4.8	3.7	5.4
FORTUNA	2.7	4.3	5.2	5.2	5.6	5.9	5.7	5.1	5.1	5.3	4.6	3.9	5.4
BARSWEET	5.1	3.7	4.1	5.3	6.1	5.8	5.6	4.9	4.5	5.1	4.7	5.3	5.4
J11-94	6.2	6.0	5.2	5.3	5.3	5.3	5.1	5.0	5.1	5.6	5.3	6.3	5.4
BA 76-305	3.0	4.0	5.0	5.3	5.4	5.8	5.7	5.2	5.0	5.3	4.8	4.0	5.4
FREEDOM	6.4	6.7	6.0	5.2	5.4	5.4	5.1	5.0	4.8	5.4	5.6	6.7	5.4
SUFFOLK	6.4	6.0	6.0	5.2	5.5	5.1	4.9	5.1	5.0	5.6	5.4	6.4	5.4
SR 2100	4.2	3.7	4.1	5.0	5.6	5.6	5.5	5.1	4.9	5.3	4.8	5.0	5.3
J13-152	6.0	6.0	5.6	5.3	5.5	5.3	5.2	4.9	4.8	5.4	5.3	5.8	5.3
EVB 13.863	4.6	5.3	4.6	5.1	5.5	5.8	5.4	5.0	4.9	5.3	4.4	4.8	5.3
PST-C-224	4.8	4.3	5.0	5.3	5.9	5.8	5.5	4.8	4.8	5.6	5.0	5.1	5.3
AMPELLIA	6.7	7.0	5.4	5.4	6.1	5.6	5.3	4.5	4.5	5.1	4.8	5.1	5.3
MONOPOLY	5.8	5.3	4.8	5.5	5.4	5.2	5.3	5.3	5.1	5.6	5.1	6.0	5.3
BARON	2.3	3.0	5.0	5.2	5.4	6.0	5.8	5.0	4.9	4.9	4.7	3.8	5.3
GNOME	2.7	3.0	4.9	5.1	5.3	5.8	5.6	5.2	5.0	5.3	4.7	4.0	5.3
J-386	5.3	5.0	4.4	5.2	5.4	5.6	5.5	5.2	5.2	5.1	4.7	4.8	5.3
BROADWAY	6.1	4.7	5.2	5.3	6.2	6.2	5.2	4.4	4.3	4.9	4.5	5.4	5.3
BA 77-700	2.8	4.0	5.1	5.0	5.3	5.9	5.6	5.3	5.1	5.3	5.0	4.0	5.3

TABLE 2.  
(CONTINUED)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH  
MONTH GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MIRANDA	4.0	4.0	3.6	5.1	5.8	5.8	5.5	4.8	4.6	4.7	4.9	4.5	5.3
OPAL	4.9	3.7	4.0	5.3	5.7	5.6	5.4	4.9	4.8	5.0	4.8	4.5	5.3
MERIT	2.8	3.7	5.3	5.1	5.4	5.8	5.6	5.2	4.9	5.2	4.6	3.8	5.3
E5T-A7-341	2.6	3.7	4.1	4.9	5.3	6.0	5.6	5.3	5.0	5.4	4.7	3.7	5.3
ABBEY	2.6	4.0	5.7	5.2	5.2	5.7	5.7	5.3	5.0	5.3	4.6	4.3	5.3
VIVA (BA 73-366)	2.9	4.0	5.3	5.1	5.3	5.7	5.6	5.3	5.2	5.3	4.9	4.3	5.3
CANNON (BA 73-381)	2.8	4.0	5.1	5.1	5.4	5.7	5.5	5.2	5.0	5.2	4.8	4.3	5.3
EA 73-382	2.7	3.7	4.8	5.0	5.2	5.6	5.8	5.2	4.9	5.2	4.9	4.1	5.3
CREST	2.1	3.7	5.3	5.0	5.3	5.7	5.6	5.1	5.2	5.4	4.5	4.2	5.2
J34-99	6.1	5.7	5.8	5.0	5.3	5.1	4.9	4.8	4.8	5.3	5.4	5.9	5.2
KELLY	3.0	3.3	4.8	4.9	5.2	5.7	5.4	5.2	5.3	5.4	4.6	4.1	5.2
R751A	2.6	3.0	4.4	5.0	5.4	5.5	5.5	5.2	5.0	5.3	4.6	4.1	5.2
TRAMPAS	5.0	5.3	4.3	5.3	6.0	5.8	5.4	4.7	4.4	4.7	4.1	4.2	5.2
MELBA	5.0	4.0	4.8	5.0	5.6	5.9	5.6	4.5	4.4	4.8	4.4	4.2	5.2
E5T-R-740	2.4	3.0	4.7	5.1	5.3	5.5	5.5	5.0	4.9	5.0	4.5	3.9	5.2
NASSAU	6.3	5.7	6.0	5.1	5.3	5.1	4.9	4.8	4.9	5.2	5.1	5.5	5.2
DESTINY	5.6	5.0	5.8	5.0	5.6	5.5	5.0	4.8	4.7	5.0	5.0	5.4	5.2
MIRACLE	5.1	5.7	4.8	5.1	5.3	5.5	5.4	4.6	4.3	4.9	4.9	4.5	5.2
NOBLESSE	4.1	3.7	4.8	5.3	5.9	5.7	5.1	4.3	4.3	4.4	4.7	4.3	5.1
BARZAN	5.3	3.3	3.7	4.5	4.9	5.7	5.6	5.0	4.7	5.0	4.6	4.1	5.1
NE 80-47	4.0	4.3	4.7	4.9	5.2	5.2	4.8	4.6	4.8	5.5	4.4	4.9	5.1
BUCKINGHAM (BA 74-114)	5.0	4.7	5.4	5.2	5.3	5.3	4.9	4.4	4.5	4.9	5.1	5.0	5.1
BARMAX (BAR VB 7037)	3.0	4.0	3.3	5.1	5.4	5.3	5.2	4.8	4.8	5.1	4.5	4.2	5.0
E5T-HV-116	5.0	5.0	4.7	5.0	5.4	5.6	5.2	4.5	4.2	4.5	4.2	4.3	5.0
EA 77-292	2.6	3.7	5.0	5.3	5.0	5.3	5.1	4.5	4.6	4.6	4.6	3.8	5.0
MERION	3.1	4.0	4.3	5.1	5.3	5.4	5.0	4.9	4.8	4.6	4.2	3.9	4.9
ELUE STAR (PST-B8-13)	2.1	3.3	4.3	4.9	4.9	5.2	5.1	4.7	4.7	4.8	4.3	3.9	4.9
CHELSEA	5.4	5.3	3.7	4.9	5.2	5.2	4.8	4.4	4.3	4.3	4.2	4.3	4.8
DONNA	3.7	3.7	3.6	4.5	5.0	4.8	4.8	4.1	4.2	4.5	3.9	3.8	4.6
KWS PP 13-2	4.3	4.7	4.3	4.6	4.8	5.0	4.6	4.4	4.4	4.3	4.1	3.7	4.6
RONDE	1.8	3.0	3.6	4.2	4.1	4.7	4.8	4.7	4.8	4.6	4.2	3.8	4.5
KENBLUE	2.2	4.0	3.6	3.7	3.7	4.1	4.5	4.8	5.0	4.7	4.2	3.7	4.3
GREENLEY	2.2	4.3	3.6	4.1	3.7	4.3	4.5	4.5	4.6	4.4	4.2	3.5	4.3
SOUTH DAKOTA CERT.	2.0	3.0	3.7	3.8	3.6	4.0	4.5	4.5	4.5	4.6	4.2	3.7	4.2
GINGER	2.0	2.7	4.0	3.6	3.6	3.8	3.9	3.6	4.0	4.1	3.8	3.4	3.9
LSD VALUE	1.1	1.1	1.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	1.0	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  
GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

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

NAME	CO1	IA1	ID2	IL1	IL2	KY1	MD1	MI1	NE1	NJ1	NJ2	NJ3	OR2	OR9	RI1	UB1	VA1	VA2	WA1	MEAN
MIDNIGHT	3.0	8.5	3.0	60.5	7.5	1.0	6.5	110.5	49.5	3.0	1.0	1.0	93.5	5.5	91.0	5.5	37.5	67.5	11.0	1
BLACKSBURG	2.0	5.0	9.0	17.5	69.5	7.5	23.5	50.5	69.0	6.0	9.0	5.0	23.0	8.5	28.5	5.5	8.0	48.0	45.5	2
APEX (SUMMIT)	4.0	2.0	1.5	2.5	58.5	44.0	1.0	84.5	1.0	107.0	11.5	14.5	3.0	26.5	76.0	4.0	45.0	120.5	23.0	3
ECLIPSE	12.0	16.5	19.0	28.0	76.0	16.5	12.5	39.5	16.0	4.0	3.0	12.0	108.0	56.0	1.0	19.0	3.5	43.5	5.0	4
PST-1DW	12.0	19.0	1.5	8.5	7.5	53.5	65.5	102.5	7.0	91.5	11.5	2.0	20.0	24.5	97.0	2.0	98.5	59.5	38.0	5
PRINCETON 104	1.0	75.0	65.0	1.0	23.0	6.0	65.5	113.0	99.5	26.5	3.0	8.5	74.5	1.0	28.5	74.5	3.5	112.0	38.0	6
PST-UD-10	16.5	30.0	40.5	30.5	19.5	16.5	48.0	102.5	49.5	2.0	5.5	27.0	77.5	8.5	2.5	70.5	14.0	13.0	45.5	7
ASCOT (BA 77-279)	8.0	3.0	7.5	71.0	110.0	16.5	37.5	71.5	23.5	14.5	13.5	8.5	4.0	37.0	16.5	78.0	65.0	75.0	23.0	8
ABLE I	35.0	12.5	28.0	71.0	42.0	3.5	65.5	108.0	69.0	12.0	5.5	6.0	5.0	10.0	9.5	87.0	15.5	79.5	71.0	9
PST-0514	23.0	5.0	10.0	53.5	58.5	11.0	78.0	108.0	10.5	47.5	13.5	12.0	2.0	13.5	91.0	27.5	94.0	59.5	71.0	10
LIMOUSINE	27.0	11.0	7.5	10.0	75.0	117.0	27.5	17.5	2.0	32.0	26.5	17.0	54.5	15.0	121.0	10.0	2.0	86.0	45.5	11
ALPINE	27.0	8.5	5.0	11.0	120.5	44.0	97.0	17.5	62.0	66.0	40.5	12.0	32.0	32.0	76.0	7.0	8.0	93.5	11.0	12
SHAMROCK (H86-712)	15.0	60.0	33.5	4.5	6.0	79.0	93.0	50.5	110.0	5.0	46.5	58.0	102.0	19.0	22.0	45.0	8.0	10.0	15.5	13
SR 2000	16.5	46.5	75.5	16.0	13.0	3.5	2.0	39.5	69.0	1.0	8.0	19.0	114.0	95.0	38.0	83.5	119.0	6.5	23.0	14
UNIQUE (PST-C-76)	62.0	37.0	75.5	49.0	29.0	31.5	65.5	27.0	10.5	23.0	37.5	3.0	15.0	41.0	42.0	51.5	47.5	26.5	11.0	15
PREAKNESS (602)	75.0	25.0	33.5	4.5	4.0	11.0	12.5	78.0	42.5	14.5	42.5	27.0	121.0	54.0	46.0	11.0	1.0	56.0	113.5	16
BARCELONA (BAR VB 1184)	5.5	56.5	18.0	77.5	37.5	86.0	78.0	71.5	23.5	72.5	15.0	8.5	13.0	3.0	33.5	14.0	25.0	109.5	62.0	17
BAR VB 852	108.5	30.0	81.0	12.5	2.5	89.0	99.5	59.5	3.5	21.0	65.5	72.0	36.0	34.0	46.0	16.0	22.0	1.0	83.0	18
EVB 13.703	38.5	16.5	40.5	40.0	77.5	86.0	115.5	50.5	69.0	16.0	3.0	37.5	28.5	41.0	33.5	9.0	26.5	93.5	23.0	19
ASPEN	56.5	30.0	94.0	38.0	42.0	7.5	55.0	95.5	55.5	9.0	20.5	16.0	41.0	73.5	51.0	83.5	10.0	14.5	45.5	20
CARDIFF	46.0	52.0	25.0	76.0	37.5	28.5	106.0	59.5	99.5	35.0	7.0	72.0	11.0	77.5	51.0	12.5	37.5	40.5	11.0	21
EAGLETON	46.0	22.0	33.5	2.5	1.0	59.0	37.5	39.5	23.5	46.0	88.5	37.5	53.0	114.0	8.0	31.0	98.5	16.5	121.0	22
COVENTRY	51.5	37.0	40.5	15.0	19.5	75.0	9.0	71.5	31.0	57.5	83.5	72.0	10.0	67.5	101.5	36.5	60.5	32.5	32.5	23
ALLURE (BA 73-540)	78.5	14.5	91.0	14.0	19.5	89.0	23.5	39.5	77.5	75.0	65.5	22.5	6.0	19.0	65.0	48.0	72.5	2.0	45.5	24
PST-A7-1877	66.5	46.5	105.5	17.5	19.5	94.5	3.5	27.0	10.5	63.0	30.0	83.0	12.0	49.5	65.0	25.5	53.0	48.0	23.0	25
GLADE	43.0	5.0	12.5	24.0	2.5	22.5	48.0	1.0	10.5	99.0	52.0	105.5	67.0	65.0	13.0	31.0	102.0	38.0	118.0	26
NUSTAR	88.5	37.0	25.0	30.5	15.0	70.0	32.5	117.5	42.5	35.0	26.5	49.5	49.0	91.5	46.0	23.0	37.5	38.0	97.5	27
CYNTHIA	62.0	14.5	33.5	20.0	81.5	82.0	37.5	102.5	62.0	72.5	46.5	8.5	25.5	5.5	59.0	19.0	28.0	114.5	88.0	28
PSU-151	35.0	46.5	103.0	6.0	5.0	82.0	65.5	3.0	42.5	29.0	31.0	37.5	63.0	73.5	108.0	70.5	22.0	59.5	97.5	29
WASHINGTON	88.5	84.5	40.5	8.5	24.5	53.5	88.5	95.5	20.0	78.0	83.5	19.0	17.5	11.5	65.0	74.5	6.0	59.5	97.5	30
BARTITIA	20.0	46.5	28.0	57.5	66.5	109.0	106.0	84.5	31.0	61.0	10.0	37.5	7.0	4.0	22.0	23.0	84.5	112.0	113.5	31
BA 70-131	38.5	8.5	33.5	24.0	89.5	84.0	6.5	17.5	85.0	64.5	62.5	87.5	25.5	37.0	97.0	45.0	53.0	32.5	23.0	32
WW AG 505	5.5	8.5	15.0	27.0	81.5	106.0	88.5	91.5	77.5	114.0	34.5	14.5	85.0	16.0	38.0	2.0	108.0	114.5	5.0	33
FAIRFAX (BA 69-82)	70.5	100.0	86.0	20.0	37.5	99.0	23.5	31.5	10.5	54.5	49.0	93.0	14.0	44.5	71.0	25.5	69.0	10.0	62.0	34
OPTI-GREEN (PST-B8-106)	78.5	30.0	45.0	24.0	58.5	100.5	16.0	39.5	31.0	64.5	52.0	72.0	8.0	49.5	91.0	34.0	60.5	48.0	62.0	35
1757	62.0	92.0	67.5	88.5	15.0	25.0	65.5	50.5	31.0	35.0	44.5	72.0	49.0	13.5	38.0	104.0	5.0	67.5	62.0	36
PLATINI	20.0	37.0	30.0	34.5	77.5	118.5	65.5	7.0	3.5	24.0	44.5	37.5	38.5	44.5	59.0	40.0	104.0	109.5	38.0	37
WW AG 508	27.0	22.0	4.0	81.0	120.5	70.0	48.0	17.5	55.5	117.0	75.0	105.5	23.0	44.5	22.0	2.0	89.0	93.5	2.0	38
J-333	46.0	46.5	47.0	26.0	48.5	97.5	55.0	7.0	77.5	59.5	29.0	27.0	52.0	26.5	113.0	74.5	53.0	36.0	54.0	39
CHALLENGER	56.5	41.0	20.5	119.5	72.5	9.0	.	59.5	55.5	38.5	37.5	37.5	20.0	41.0	83.0	34.0	84.5	43.5	97.5	40
MINSTREL	101.0	65.5	12.5	81.0	110.0	31.5	84.0	39.5	42.5	76.0	40.5	27.0	72.0	2.0	38.0	19.0	109.5	20.5	62.0	41
ESTATE	88.5	19.0	99.5	41.0	9.0	109.0	14.0	17.5	93.0	52.5	57.5	61.5	9.0	19.0	83.0	65.5	17.5	32.5	71.0	42
PENNPRO (PR-1)	32.0	62.0	28.0	55.0	69.5	40.5	.	102.5	31.0	31.0	26.5	19.0	117.0	60.5	118.5	57.0	15.5	79.5	7.0	43
J-335	56.5	75.0	59.5	12.5	103.5	113.5	48.0	11.0	69.0	51.0	18.0	49.5	20.0	89.0	59.0	51.5	37.5	67.5	8.0	44
JULIA	66.5	30.0	50.5	34.5	63.5	122.0	78.0	39.5	10.5	26.5	18.0	49.5	28.5	88.0	65.0	36.5	84.5	75.0	32.5	45

TABLE 3.  
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	CO1	IA1	ID2	IL1	IL2	KY1	MD1	MI1	NE1	NJ1	NJ2	NJ3	OR2	OR9	RI1	UB1	VA1	VA2	WA1	MEAN
CONNI	41.5	1.0	20.5	97.5	29.0	91.5	88.5	95.5	42.5	79.0	82.0	37.5	44.5	29.0	97.0	8.0	89.0	117.0	32.5	46
BARONIE (BAR VB 985)	95.0	75.0	91.0	57.5	42.0	40.5	27.5	84.5	42.5	10.0	57.5	22.5	91.0	44.5	22.0	89.0	37.5	105.0	62.0	47
LIBERTY	41.5	65.5	54.0	51.0	58.5	75.0	73.0	122.0	55.5	41.0	18.0	55.5	36.0	95.0	65.0	83.5	37.5	75.0	23.0	48
PST-A84-803	9.5	65.5	87.5	85.0	91.0	28.5	55.0	59.5	69.0	44.0	26.5	37.5	59.5	30.5	91.0	108.0	53.0	48.0	45.5	49
A-34	116.0	46.5	113.0	45.5	63.5	62.5	32.5	91.5	16.0	42.5	48.0	72.0	44.5	33.0	28.5	29.0	12.0	99.0	106.0	50
SILVIA	112.5	25.0	59.5	102.0	85.5	89.0	88.5	27.0	16.0	52.5	37.5	58.0	41.0	19.0	51.0	51.5	12.0	79.5	115.5	51
BARBLUE	27.0	112.5	40.5	51.0	37.5	86.0	78.0	117.5	51.0	7.0	105.0	72.0	69.0	30.5	121.0	93.0	37.5	86.0	5.0	52
TOUCHDOWN	20.0	92.0	109.0	51.0	33.0	66.0	32.5	17.5	85.0	47.5	42.5	37.5	124.0	28.0	76.0	51.5	22.0	67.5	23.0	53
NUBLUE (J-229)	70.5	88.0	50.5	20.0	37.5	82.0	16.0	39.5	23.5	77.0	32.5	72.0	77.5	98.5	91.0	79.5	113.5	86.0	3.0	54
HAGA	105.5	56.5	101.5	71.0	10.5	50.5	23.5	59.5	31.0	22.0	79.0	93.0	28.5	49.5	83.0	81.0	76.0	67.5	83.0	55
TRENTON	105.5	84.5	109.0	38.0	48.5	34.5	65.5	17.5	31.0	8.0	37.5	49.5	54.5	73.5	123.0	104.0	79.0	93.5	71.0	56
COBALT	110.5	80.5	59.5	66.0	15.0	75.0	42.0	7.0	55.5	29.0	68.5	87.5	72.0	97.0	114.5	95.5	47.5	6.5	54.0	57
LIVINGSTON	88.5	75.0	117.0	42.0	19.5	16.5	48.0	102.5	42.5	38.5	79.0	72.0	89.0	65.0	5.0	100.5	37.5	32.5	106.0	58
INDIGO	62.0	37.0	75.5	119.5	66.5	3.5	55.0	84.5	85.0	29.0	23.5	37.5	98.0	70.0	4.0	87.0	72.5	117.0	115.5	59
BANFF	46.0	65.5	112.0	88.5	87.5	62.5	10.0	39.5	31.0	13.0	20.5	72.0	93.5	24.5	101.5	117.0	19.0	86.0	88.0	60
CLASSIC	82.5	60.0	114.5	38.0	81.5	66.0	48.0	113.0	62.0	17.5	32.5	83.0	96.0	52.0	55.0	104.0	17.5	67.5	32.5	61
BAR VB 1169	20.0	46.5	65.0	85.0	93.5	125.0	19.0	17.5	20.0	19.5	22.0	37.5	28.5	22.0	71.0	95.5	58.0	112.0	77.5	62
4 ACES (PST-RE-88)	70.5	107.0	75.5	66.0	48.5	44.0	99.5	84.5	31.0	69.5	65.5	93.0	63.0	91.5	83.0	51.5	29.0	10.0	97.5	63
BELMONT (798)	82.5	69.5	84.5	81.0	72.5	34.5	42.0	17.5	77.5	62.0	70.0	83.0	81.5	49.5	51.0	83.5	109.5	20.5	15.5	64
PST-UD-12	103.0	46.5	99.5	75.0	81.5	79.0	3.5	65.0	16.0	57.5	88.5	27.0	47.0	35.0	118.5	79.5	94.0	86.0	11.0	65
RAM-1	51.5	30.0	22.5	99.0	48.5	104.5	78.0	110.5	110.0	67.0	93.0	100.0	32.0	47.0	16.5	15.0	37.5	32.5	119.5	66
PST-A84-405	38.5	75.0	75.5	71.0	93.5	28.5	102.0	102.5	93.0	17.5	56.0	83.0	99.0	100.0	6.5	70.5	53.0	59.5	97.5	67
PST-A84-928	12.0	110.5	16.0	101.0	54.0	34.5	48.0	27.0	99.5	110.5	75.0	83.0	102.0	104.5	91.0	34.0	72.5	3.0	62.0	68
BARSWEET	75.0	30.0	54.0	88.5	97.0	121.0	6.5	7.0	5.5	50.0	60.5	4.0	81.5	58.5	76.0	19.0	123.0	124.5	88.0	69
HV 125	20.0	71.0	59.5	103.5	100.0	25.0	99.5	50.5	106.0	59.5	72.0	37.5	17.5	39.0	83.0	98.0	89.0	86.0	88.0	70
BA 78-258	7.0	105.0	70.5	43.5	33.0	77.0	88.5	116.0	103.0	91.5	98.0	27.0	51.0	80.0	16.5	77.0	102.0	26.5	32.5	71
GEORGETOWN	82.5	56.5	91.0	62.5	87.5	56.0	65.5	84.5	42.5	11.0	52.0	72.0	96.0	62.5	71.0	113.0	37.5	105.0	83.0	72
DAWN	93.5	65.5	70.5	60.5	101.5	59.0	16.0	17.5	31.0	19.5	23.5	93.0	77.5	80.0	108.0	111.5	79.0	105.0	97.5	73
MARQUIS	38.5	115.0	91.0	103.5	26.0	3.5	42.0	50.5	93.0	95.0	97.0	100.0	36.0	112.5	28.5	51.5	94.0	5.0	54.0	74
FORTUNA	62.0	100.0	59.5	93.5	24.5	16.5	84.0	102.5	113.5	88.5	88.5	49.5	63.0	84.0	28.5	45.0	84.5	10.0	97.5	75
J11-94	98.0	100.0	96.5	57.5	29.0	66.0	65.5	10.0	69.0	35.0	52.0	72.0	57.0	70.0	65.0	122.5	53.0	99.0	77.5	76
BA 76-305	70.5	125.0	40.5	62.5	58.5	22.5	110.0	39.5	118.5	109.0	79.0	72.0	44.5	84.0	42.0	40.0	53.0	14.5	32.5	77
FREEDOM	119.0	69.5	81.0	77.5	97.0	72.5	29.0	84.5	16.0	25.0	34.5	61.5	81.5	60.5	83.0	104.0	22.0	99.0	97.5	78
SUFFOLK	62.0	75.0	81.0	64.0	107.0	40.5	11.0	27.0	42.5	35.0	79.0	55.5	81.5	84.0	46.0	122.5	30.5	93.5	110.0	79
PST-C-224	92.0	19.0	118.0	34.5	99.0	102.5	.	27.0	69.0	68.0	85.0	87.5	1.0	23.0	121.0	27.5	72.5	40.5	83.0	80
SR 2100	35.0	37.0	50.5	22.0	103.5	107.0	19.0	95.5	55.5	74.0	93.0	100.0	104.5	108.5	104.5	62.5	26.5	43.5	23.0	81
J13-152	56.5	25.0	81.0	71.0	106.0	37.5	78.0	39.5	55.5	54.5	55.0	72.0	67.0	76.0	108.0	100.5	65.0	105.0	88.0	82
EVB 13.863	51.5	80.5	81.0	95.5	48.5	94.5	23.5	102.5	55.5	82.0	65.5	37.5	32.0	73.5	101.5	107.0	65.0	93.5	1.0	83
AMPELLIA	107.0	22.0	25.0	47.5	101.5	48.5	32.5	7.0	113.5	80.0	108.5	61.5	92.0	7.0	71.0	70.5	106.0	67.5	62.0	84
MONOPOLY	121.0	100.0	119.5	7.0	12.0	79.0	37.5	71.5	93.0	45.0	59.0	105.5	100.0	55.0	46.0	87.0	12.0	20.5	97.5	85
BARON	110.5	115.0	40.5	81.0	110.0	46.5	93.0	3.0	77.5	98.0	95.0	72.0	63.0	104.5	16.5	40.0	60.5	4.0	45.5	86
GNOME	70.5	100.0	47.0	110.5	48.5	34.5	84.0	17.5	42.5	104.5	93.0	100.0	85.0	115.0	51.0	45.0	53.0	26.5	62.0	87
J-386	98.0	84.5	75.5	29.0	19.5	94.5	111.5	84.5	62.0	71.0	68.5	114.0	116.0	93.0	59.0	12.5	72.5	26.5	71.0	88
BROADWAY	9.5	92.0	47.0	53.5	116.0	112.0	93.0	71.5	93.0	87.0	16.0	93.0	16.0	11.5	91.0	67.5	113.5	120.5	32.5	89
BA 77-700	27.0	89.0	96.5	92.0	48.5	16.5	42.0	71.5	116.5	96.5	75.0	111.0	77.5	80.0	22.0	40.0	72.5	20.5	97.5	90

TABLE 3.  
(CONTINUED)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER HIGH MAINTENANCE AT NINETEEN LOCATIONS IN THE U.S.  
1993 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	CO1	IA1	ID2	IL1	IL2	KY1	MD1	MI1	NE1	NJ1	NJ2	NJ3	OR2	OR9	RI1	UB1	VA1	VA2	WA1	MEAN
MIRANDA	27.0	65.5	6.0	97.5	116.0	48.5	119.5	122.0	42.5	93.0	52.0	21.0	118.5	67.5	13.0	90.5	94.0	122.5	54.0	91
OPAL	88.5	53.0	91.0	112.0	58.5	109.0	65.5	3.0	5.5	49.0	72.0	93.0	118.5	120.0	65.0	40.0	79.0	86.0	15.5	92
MERIT	51.5	84.5	54.0	43.5	48.5	21.0	106.0	71.5	122.5	119.0	106.5	58.0	108.0	70.0	22.0	65.5	45.0	20.5	32.5	93
PST-A7-341	82.5	75.0	96.5	115.0	37.5	70.0	106.0	59.5	62.0	115.5	79.0	111.0	34.0	90.0	9.5	19.0	37.5	32.5	77.5	94
ABBEY	32.0	112.5	87.5	109.0	29.0	37.5	42.0	71.5	106.0	86.0	88.5	100.0	104.5	101.0	22.0	60.0	22.0	26.5	77.5	95
VIVA (BA 73-366)	46.0	92.0	105.5	88.5	66.5	25.0	95.5	84.5	85.0	88.5	106.5	111.0	96.0	53.0	6.5	62.5	65.0	10.0	45.5	96
CANNON (BA 73-381)	51.5	123.0	67.5	91.0	93.5	50.5	55.0	59.5	99.5	84.5	72.0	114.0	67.0	104.5	55.0	57.0	37.5	16.5	23.0	97
BA 73-382	70.5	100.0	59.5	106.0	93.5	28.5	55.0	39.5	99.5	90.0	104.0	108.0	70.0	116.0	2.5	31.0	84.5	67.5	45.5	98
CREST	27.0	79.0	114.5	115.0	58.5	11.0	95.5	59.5	106.0	96.5	99.0	100.0	49.0	84.0	13.0	61.0	30.5	53.0	83.0	99
J34-99	112.5	100.0	70.5	71.0	113.0	66.0	32.5	59.5	42.5	40.0	88.5	61.5	74.5	104.5	104.5	98.0	102.0	86.0	110.0	100
KELLY	78.5	84.5	96.5	66.0	97.0	40.5	19.0	39.5	85.0	104.5	96.0	116.0	57.0	102.0	76.0	57.0	65.0	20.5	97.5	101
R751A	51.5	95.0	84.5	85.0	89.5	59.0	65.5	115.0	110.0	102.0	100.5	37.5	72.0	87.0	28.5	45.0	94.0	43.5	71.0	102
TRAMPAS	85.0	37.0	40.5	47.5	72.5	59.0	78.0	39.5	77.5	107.0	100.5	109.0	89.0	57.0	97.0	57.0	100.0	122.5	110.0	103
MELBA	93.5	92.0	12.5	45.5	81.5	59.0	55.0	119.5	93.0	102.0	112.0	93.0	44.5	65.0	71.0	57.0	116.5	124.5	97.5	104
PST-R-740	108.5	110.5	50.5	106.0	58.5	66.0	65.5	95.5	69.0	83.0	110.5	49.5	89.0	110.5	97.0	23.0	111.0	105.0	62.0	105
NASSAU	88.5	106.0	101.5	123.0	114.0	16.5	88.5	50.5	85.0	42.5	88.5	49.5	63.0	84.0	83.0	124.0	106.0	75.0	71.0	106
DESTINY	62.0	84.5	59.5	100.0	124.0	16.5	78.0	84.5	106.0	56.0	62.5	117.0	111.0	95.0	33.5	118.5	94.0	86.0	54.0	107
MIRACLE	14.0	12.5	22.5	117.5	122.0	100.5	106.0	71.5	113.5	122.0	102.5	49.5	57.0	19.0	42.0	64.0	84.5	105.0	110.0	108
NOBLESSE	32.0	109.0	12.5	110.5	110.0	94.5	113.5	95.5	116.5	100.0	108.5	49.5	108.0	58.5	33.5	115.5	45.0	99.0	15.5	109
NE 80-47	103.0	46.5	105.5	117.5	119.0	113.5	65.5	71.5	31.0	69.5	114.0	72.0	23.0	118.0	59.0	90.5	112.0	59.5	45.5	110
BUCKINGHAM (BA 74-114)	98.0	120.5	33.5	124.0	123.0	53.5	121.0	71.5	85.0	81.0	60.5	27.0	106.0	62.5	125.0	114.0	68.0	48.0	62.0	111
BARZAN	98.0	100.0	17.0	32.0	48.5	72.5	6.5	108.0	106.0	112.5	113.0	119.0	41.0	110.5	38.0	115.5	60.5	117.0	123.0	112
BARMAX (BAR VB 7037)	114.5	46.5	116.0	57.5	10.5	124.0	23.5	84.5	99.5	94.0	102.5	72.0	120.0	108.5	11.0	67.5	79.0	53.0	77.5	113
PST-HV-116	78.5	56.5	70.5	95.5	66.5	120.0	32.5	59.5	77.5	112.5	118.0	105.5	38.5	37.0	83.0	121.0	53.0	119.0	110.0	114
BA 77-292	98.0	60.0	65.0	121.0	48.5	46.5	106.0	27.0	93.0	102.0	119.0	114.0	115.0	112.5	111.5	93.0	119.0	38.0	117.0	115
MERION	118.0	108.0	122.0	122.0	81.5	53.5	119.5	17.5	.	84.5	110.5	118.0	87.0	98.5	55.0	98.0	94.0	26.5	45.5	116
BLUE STAR (PST-B8-13)	75.0	124.0	59.5	115.0	85.5	91.5	78.0	124.5	122.5	115.5	115.0	87.5	85.0	107.0	101.5	93.0	116.5	67.5	45.5	117
CHELSEA	117.0	100.0	105.5	113.0	72.5	111.0	106.0	84.5	113.5	118.0	117.0	100.0	59.5	77.5	114.5	109.0	79.0	105.0	106.0	118
DONNA	114.5	117.0	109.0	81.0	116.0	118.5	117.5	119.5	120.5	120.0	116.0	49.5	123.0	118.0	108.0	104.0	125.0	99.0	23.0	119
KWS PP 13-2	103.0	118.0	111.0	108.0	105.0	97.5	99.5	50.5	120.5	121.0	120.0	121.0	102.0	118.0	116.5	111.5	106.0	79.5	97.5	120
RONDE	120.0	54.0	121.0	34.5	33.0	102.5	117.5	71.5	20.0	125.0	122.0	125.0	112.5	122.0	116.5	74.5	122.0	53.0	123.0	121
KENBLUE	125.0	119.0	125.0	71.0	29.0	104.5	115.5	122.0	89.0	110.5	123.0	120.0	110.0	123.0	111.5	110.0	121.0	75.0	123.0	122
GREENLEY	122.0	115.0	123.5	93.5	118.0	116.0	113.5	31.5	77.5	123.0	121.0	122.5	122.0	121.0	83.0	118.5	124.0	67.5	119.5	123
SOUTH DAKOTA CERT.	123.0	120.5	119.5	106.0	110.0	115.0	111.5	113.0	118.5	107.0	124.0	122.5	112.5	124.0	124.0	120.0	119.0	53.0	125.0	124
GINGER	124.0	122.0	123.5	125.0	125.0	123.0	122.0	124.5	124.0	124.0	125.0	124.0	125.0	125.0	108.0	125.0	115.0	53.0	77.5	125

- 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. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	ID2	NE1	NJ3	VA2	MEAN
MIDNIGHT	8.0	7.7	7.0	8.0	7.7
BLACKSBURG	8.0	8.0	6.3	7.3	7.4
ASCOT (BA 77-279)	7.7	7.0	6.7	7.3	7.2
BUCKINGHAM (BA 74-114)	7.0	7.0	7.7	7.0	7.2
ABLE I	6.0	7.3	6.7	7.3	6.8
NOBLESSE	7.3	7.0	6.0	7.0	6.8
PST-0514	5.7	7.0	6.7	7.7	6.8
APEX (SUMMIT)	6.3	7.3	6.3	7.0	6.8
GLADE	7.0	6.7	5.7	7.3	6.7
UNIQUE (PST-C-76)	7.3	6.0	6.0	7.3	6.7
PST-A84-803	7.7	6.3	5.7	6.7	6.6
MINSTREL	6.0	7.0	6.0	7.3	6.6
PST-UD-10	6.7	6.3	6.3	7.0	6.6
RAM-1	8.3	6.0	5.7	6.3	6.6
ASPEN	7.3	6.0	5.7	7.0	6.5
DESTINY	7.7	6.7	4.7	7.0	6.5
DONNA	7.0	7.0	5.3	6.7	6.5
FORTUNA	7.0	7.0	4.7	7.3	6.5
NASSAU	7.3	6.3	5.3	7.0	6.5
CANNON (BA 73-381)	8.0	6.0	4.7	7.0	6.4
ECLIPSE	6.7	6.0	6.0	7.0	6.4
PST-A84-405	6.7	6.0	6.0	7.0	6.4
BELMONT (798)	6.3	6.0	6.3	7.0	6.4
INDIGO	6.3	6.0	6.3	7.0	6.4
MARQUIS	7.3	6.3	5.0	7.0	6.4
HV 125	6.7	6.0	6.0	6.7	6.3
PST-IDW	6.0	7.0	5.7	6.7	6.3
SR 2000	4.7	6.7	7.0	7.0	6.3
BARSWEEP	5.3	7.0	6.0	7.0	6.3
BLUE STAR (PST-B8-13)	5.3	7.3	5.7	7.0	6.3
MIRACLE	7.0	6.0	5.3	7.0	6.3
PST-A7-341	7.0	6.3	5.0	7.0	6.3
R751A	7.0	6.0	5.3	7.0	6.3
MIRANDA	5.7	7.0	5.7	6.7	6.3
BROADWAY	6.3	7.0	5.0	6.7	6.3
OPAL	6.7	6.7	4.3	7.3	6.3
BA 73-382	7.0	6.0	4.7	7.0	6.2
MERIT	7.0	6.0	5.0	6.7	6.2
PST-R-740	6.7	6.3	4.7	7.0	6.2
COBALT	6.3	6.3	5.0	7.0	6.2
CYNTHIA	5.7	6.3	5.7	6.7	6.1
KELLY	6.3	6.7	4.7	6.7	6.1
KWS PP 13-2	7.0	6.0	4.7	6.7	6.1
1757	6.3	5.7	5.3	7.0	6.1
BA 76-305	6.0	6.0	5.0	7.3	6.1

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	ID2	NE1	NJ3	VA2	MEAN
BA 77-292	7.3	5.7	5.0	6.3	6.1
CHELSEA	6.0	6.3	5.7	6.3	6.1
LIBERTY	6.7	6.0	5.3	6.3	6.1
PLATINI	6.3	6.0	5.0	7.0	6.1
PREAKNESS (602)	5.3	6.0	6.0	7.0	6.1
PST-A84-928	7.3	6.0	4.0	7.0	6.1
4 ACES (PST-RE-88)	5.7	5.7	5.7	7.0	6.0
ALPINE	3.3	6.7	6.0	8.0	6.0
CREST	6.0	6.3	4.7	7.0	6.0
PENNERO (PR-1)	7.0	5.3	5.0	6.7	6.0
PST-HV-116	5.3	6.3	5.7	6.7	6.0
SHAMROCK (H86-712)	6.0	5.7	5.3	7.0	6.0
SR 2100	6.0	6.0	5.0	7.0	6.0
BARCELONA (BAR VB 1184)	6.3	5.7	5.0	6.7	5.9
BARON	6.3	6.7	4.0	6.7	5.9
CHALLENGER	6.7	5.7	5.3	6.0	5.9
VIVA (BA 73-366)	6.3	6.0	4.3	7.0	5.9
BA 77-700	5.7	6.7	4.0	7.0	5.8
BA 78-258	5.7	5.7	5.0	7.0	5.8
BARBIE	6.7	6.0	4.7	6.0	5.8
EVB 13.703	5.3	5.7	5.7	6.7	5.8
DAWN	6.0	6.0	5.3	6.0	5.8
GNOME	5.7	6.3	4.3	7.0	5.8
LIMOUSINE	5.7	6.0	5.3	6.3	5.8
WW AG 508	5.3	6.3	4.7	7.0	5.8
ABBAY	5.7	6.0	4.3	7.0	5.8
BA 70-131	5.7	5.3	5.0	7.0	5.8
COVENTRY	5.3	5.3	5.3	7.0	5.8
BARZAN	5.7	6.3	4.5	6.3	5.7
BARTITIA	5.0	6.3	4.7	6.7	5.7
J-335	5.7	6.0	5.0	6.0	5.7
OPTI-GREEN (PST-B8-106)	4.7	6.0	5.0	7.0	5.7
AMPELLIA	5.3	6.3	4.7	6.3	5.7
NUSTAR	5.3	6.0	5.0	6.3	5.7
PRINCETON 104	5.3	5.7	5.3	6.3	5.7
SUFFOLK	7.0	5.3	4.3	6.0	5.7
BAR VB 1169	4.7	6.0	4.7	7.0	5.6
CARDIFF	4.7	5.7	5.0	7.0	5.6
ALLURE (BA 73-540)	5.0	5.3	5.3	6.7	5.6
J13-152	6.0	6.0	5.0	5.3	5.6
JULIA	4.3	6.0	5.0	7.0	5.6
BANFF	4.7	5.7	5.7	6.0	5.5
J-333	5.7	5.3	5.3	5.7	5.5
J34-99	6.3	5.7	4.7	5.3	5.5
LIVINGSTON	4.0	6.0	5.3	6.7	5.5

TABLE 4.  
(CONTINUED)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	ID2	NE1	NJ3	VA2	MEAN
NE 80-47	5.0	5.7	5.0	6.3	5.5
RONDE	6.7	5.7	3.7	6.0	5.5
MERION	5.0	.	4.7	6.7	5.4
CONNI	5.0	6.0	5.0	5.7	5.4
EVB 13.863	5.3	6.0	4.7	5.7	5.4
J-386	6.3	5.3	4.3	5.7	5.4
FAIRFAX (BA 69-82)	4.5	5.0	5.0	7.0	5.4
EAGLETON	6.0	5.0	4.7	5.7	5.3
GEORGETOWN	4.7	6.0	4.7	6.0	5.3
MELBA	4.3	5.7	4.7	6.7	5.3
NUBLUE (J-229)	4.7	5.7	5.0	6.0	5.3
PST-UD-12	5.7	5.3	4.7	5.7	5.3
BARMAX (BAR VB 7037)	5.3	5.3	4.0	6.7	5.3
BARONIE (BAR VB 985)	5.0	5.0	5.3	6.0	5.3
ESTATE	4.3	5.7	5.0	6.3	5.3
PST-C-224	4.3	5.0	5.3	6.7	5.3
SILVIA	6.0	5.3	4.7	5.3	5.3
TOUCHDOWN	4.3	6.0	5.0	6.0	5.3
TRENTON	4.3	5.7	5.0	6.3	5.3
HAGA	5.3	5.3	5.0	5.3	5.3
KENBLUE	7.0	4.7	4.0	5.3	5.3
PST-A7-1877	3.3	5.0	5.3	7.0	5.2
WASHINGTON	6.0	4.7	5.0	5.0	5.2
CLASSIC	4.7	5.3	5.3	5.3	5.2
FREEDOM	4.0	6.0	4.7	5.3	5.0
J11-94	4.7	5.3	4.7	5.0	4.9
TRAMPAS	3.3	5.7	5.0	5.7	4.9
WW AG 505	3.7	5.7	4.3	5.7	4.8
MONOPOLY	4.3	5.7	4.0	5.3	4.8
GREENLEY	6.0	5.0	3.0	5.0	4.8
PSU-151	4.3	5.3	4.0	5.0	4.7
SOUTH DAKOTA CERT.	6.3	5.3	2.7	4.3	4.7
A-34	4.3	4.7	4.3	5.0	4.6
BAR VB 852	2.7	4.0	4.3	5.7	4.2
GINGER	4.3	5.0	3.0	4.0	4.1
LSD VALUE	2.0	1.0	1.0	1.0	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 5. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	ID2	IL1	RI1	MEAN
GINGER	8.7	7.3	8.0	8.0
SILVIA	6.3	6.7	6.0	6.3
BARONIE (BAR VB 985)	7.0	6.3	5.0	6.1
SHAMROCK (H86-712)	7.3	5.0	6.0	6.1
NASSAU	7.7	6.0	4.3	6.0
SUFFOLK	7.3	6.3	4.3	6.0
WASHINGTON	7.3	5.3	5.3	6.0
EARBLUE	5.7	5.7	6.3	5.9
J11-94	7.0	5.7	5.0	5.9
DAWN	7.3	6.0	4.3	5.9
TRENTON	6.0	7.3	4.0	5.8
BANFF	6.3	6.3	4.3	5.7
CYNTHIA	5.3	5.3	6.3	5.7
J34-99	7.7	4.7	4.7	5.7
ESTATE	7.7	4.7	4.3	5.6
GEORGETOWN	6.7	5.7	4.3	5.6
EST-UD-12	7.0	5.7	4.0	5.6
HENPRO (PR-1)	7.0	4.3	5.3	5.6
ABBEY	7.7	3.7	5.0	5.4
ALLURE (BA 73-540)	7.7	4.0	4.7	5.4
AMPELLIA	6.7	4.7	5.0	5.4
BA 76-305	7.7	3.7	5.0	5.4
EST-UD-10	6.0	4.7	5.7	5.4
GREENLEY	5.3	4.7	6.3	5.4
OPTI-GREEN (PST-B8-106)	8.3	3.7	4.3	5.4
FSU-151	6.3	5.7	4.3	5.4
A-34	5.3	4.7	6.0	5.3
BA 70-131	7.7	4.3	4.0	5.3
BA 73-382	7.0	3.3	5.7	5.3
CLASSIC	5.0	5.7	5.3	5.3
COVENTRY	7.0	4.3	4.7	5.3
FREEDOM	6.0	5.7	4.3	5.3
J-386	6.7	5.0	4.3	5.3
LIVINGSTON	6.0	4.7	5.3	5.3
MELBA	6.3	5.0	4.7	5.3
SOUTH DAKOTA CERT.	5.7	5.3	5.0	5.3
BA 77-292	6.3	3.7	5.7	5.2
BUCKINGHAM (BA 74-114)	6.7	4.0	5.0	5.2
CARDIFF	5.7	5.0	5.0	5.2
HAGA	4.7	6.3	4.7	5.2
LIBERTY	5.7	6.0	4.0	5.2
NJBLUE (J-229)	6.7	4.3	4.7	5.2
EST-A7-1877	8.0	3.7	4.0	5.2
ECLIPSE	6.3	5.0	4.3	5.2
EST-A84-803	6.3	5.0	4.3	5.2

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	ID2	IL1	RI1	MEAN
KWS PP 13-2	5.7	4.0	5.7	5.1
EST-R-740	8.0	3.3	4.0	5.1
ASPEN	6.0	5.0	4.3	5.1
BAR VB 1169	6.3	4.3	4.7	5.1
BAR VB 852	7.0	4.0	4.3	5.1
EVB 13.703	6.0	4.3	5.0	5.1
FAIRFAX (BA 69-82)	7.0	3.7	4.7	5.1
J-333	7.3	4.0	4.0	5.1
J13-152	5.3	5.7	4.3	5.1
SR 2100	7.0	4.0	4.3	5.1
1757	6.3	4.7	4.0	5.0
BARON	7.0	3.7	4.3	5.0
BELMONT (798)	5.7	4.0	5.3	5.0
CANNON (BA 73-381)	7.0	3.7	4.3	5.0
CHALLENGER	6.3	4.3	4.3	5.0
DONNA	7.3	3.7	4.0	5.0
FORTUNA	6.7	3.3	5.0	5.0
LIMOUSINE	8.0	3.3	3.7	5.0
MIRACLE	5.7	4.0	5.3	5.0
BREAKNESS (602)	7.0	4.0	4.0	5.0
RONDE	3.3	5.3	6.3	5.0
BA 77-700	6.3	3.7	4.7	4.9
BARTITIA	5.7	4.3	4.7	4.9
COBALT	5.7	5.0	4.0	4.9
DESTINY	5.7	5.0	4.0	4.9
GNOME	7.0	3.0	4.7	4.9
HV 125	5.7	4.3	4.7	4.9
MERIT	6.7	3.3	4.7	4.9
NE 80-47	5.7	4.0	5.0	4.9
WW AG 508	7.0	3.3	4.3	4.9
4 ACES (PST-RE-88)	6.3	3.3	5.0	4.9
EVB 13.863	6.3	3.0	5.3	4.9
MINSTREL	6.0	4.3	4.3	4.9
EST-A84-928	7.0	3.7	4.0	4.9
WW AG 505	5.0	4.3	5.3	4.9
CREST	6.7	3.0	4.7	4.8
J-335	5.7	4.0	4.7	4.8
FLATINI	5.7	4.0	4.7	4.8
JULIA	6.0	4.0	4.3	4.8
KELLY	7.0	3.3	4.0	4.8
EST-A7-341	6.3	3.0	5.0	4.8
EST-A84-405	5.0	4.3	5.0	4.8
EST-C-224	5.3	4.3	4.7	4.8
GLADE	6.0	4.0	4.0	4.7
INDIGO	4.0	4.3	5.7	4.7

TABLE 5.  
(CONTINUED)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	ID2	IL1	RI1	MEAN
MARQUIS	6.3	3.3	4.3	4.7
NUSTAR	6.0	3.3	4.7	4.7
OPAL	6.3	3.3	4.3	4.7
PRINCETON 104	6.0	3.7	4.3	4.7
R751A	6.3	3.7	4.0	4.7
SR 2000	6.3	3.7	4.0	4.7
TOUCHDOWN	5.3	4.3	4.3	4.7
VIVA (BA 73-366)	5.7	3.3	5.0	4.7
BA 78-258	5.7	3.7	4.3	4.6
BLACKSBURG	5.0	4.0	4.7	4.6
NOBLESSE	5.0	4.3	4.3	4.6
EAGLETON	4.0	4.7	4.7	4.4
RAM-1	3.7	4.7	5.0	4.4
BLUE STAR (PST-B8-13)	6.3	3.3	3.7	4.4
MIRANDA	6.3	3.0	4.0	4.4
TRAMPAS	6.3	3.3	3.7	4.4
ABLE I	5.0	4.0	4.0	4.3
CHELSEA	4.7	3.3	5.0	4.3
KENBLUE	3.0	4.3	5.7	4.3
MERION	4.7	3.3	5.0	4.3
MIDNIGHT	4.7	4.0	4.3	4.3
MONOPOLY	4.7	3.0	5.3	4.3
BARCELONA (BAR VB 1184)	4.7	3.7	4.3	4.2
ASCOT (BA 77-279)	6.0	2.7	3.7	4.1
BARMAX (BAR VB 7037)	4.3	3.0	4.7	4.0
CONNI	4.7	3.3	4.0	4.0
PST-1DW	5.7	3.0	3.0	3.9
BARZAN	3.0	5.0	3.7	3.9
PST-HV-116	3.0	4.3	4.3	3.9
UNIQUE (PST-C-76)	4.3	3.7	3.0	3.7
PST-0514	3.7	3.3	3.7	3.6
APEX (SUMMIT)	3.7	3.0	3.7	3.4
BROADWAY	3.7	3.3	3.0	3.3
BARSWEEP	2.7	3.7	3.3	3.2
ALPINE	3.3	2.7	2.0	2.7
LSD VALUE	2.0	1.0	1.3	0.8

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 6. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	NJ3	NAME	NJ3
LIMOUSINE	8.0	J11-94	5.7
APEX (SUMMIT)	7.7	J13-152	5.7
ALPINE	7.3	MONOPOLY	5.7
CYNTHIA	7.3	NOBLESSE	5.7
WW AG 505	7.3	NUSTAR	5.7
PST-1DW	7.0	PST-A7-1877	5.7
BARCELONA (BAR VB 1184)	6.7	PST-A7-341	5.7
EVB 13.863	6.7	PST-UD-10	5.7
MIDNIGHT	6.7	PST-UD-12	5.7
PST-0514	6.7	ASCOT (BA 77-279)	5.3
WASHINGTON	6.7	ASPEN	5.3
BARBLUE	6.3	BA 76-305	5.3
BARTITIA	6.3	BA 78-258	5.3
CONNIE	6.3	BANFF	5.3
J-333	6.3	BROADWAY	5.3
J-335	6.3	CLASSIC	5.3
J-386	6.3	CREST	5.3
MIRANDA	6.3	DAWN	5.3
PSU-151	6.3	FAIRFAX (BA 69-82)	5.3
TOUCHDOWN	6.3	FORTUNA	5.3
WW AG 508	6.3	GEORGETOWN	5.3
BAR VB 1169	6.0	J34-99	5.3
BAR VB 852	6.0	MERIT	5.3
BARMAX (BAR VB 7037)	6.0	MIRACLE	5.3
BARSWEEP	6.0	OPTI-GREEN (PST-B8-106)	5.3
BLACKSBURG	6.0	PREAKNESS (602)	5.3
CARDIFF	6.0	RAM-1	5.3
DOONA	6.0	SHAMROCK (H86-712)	5.3
ECLIPSE	6.0	TRENTON	5.3
EVB 13.703	6.0	4 ACES (PST-RE-88)	5.0
FREEDOM	6.0	ALLURE (BA 73-540)	5.0
GLADE	6.0	AMPELLIA	5.0
JULIA	6.0	BA 70-131	5.0
MELBA	6.0	BA 73-382	5.0
NUBLUE (J-229)	6.0	BA 77-700	5.0
OPAL	6.0	BARON	5.0
PENNPRO (PR-1)	6.0	BARONIE (BAR VB 985)	5.0
PIATINI	6.0	BELMONT (798)	5.0
SILVIA	6.0	BLUE STAR (PST-B8-13)	5.0
SUFFOLK	6.0	CHALLENGER	5.0
UNIQUE (PST-C-76)	6.0	EAGLETON	5.0
A-34	5.7	ESTATE	5.0
ABLE I	5.7	GNOME	5.0
CHELSEA	5.7	HAGA	5.0
COVENTRY	5.7	LIBERTY	5.0

TABLE 6. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONTINUED) 1993 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	NJ3
LIVINGSTON	5.0
MINSTREL	5.0
NE 80-47	5.0
PST-A84-928	5.0
PST-C-224	5.0
PST-HV-116	5.0
PST-R-740	5.0
R751A	5.0
VIVA (BA 73-366)	5.0
1757	4.7
ABBAY	4.7
COBALT	4.7
DESTINY	4.7
HV 125	4.7
INDIGO	4.7
KELLY	4.7
KENBLUE	4.7
MARQUIS	4.7
MERION	4.7
PRINCETON 104	4.7
TRAMPAS	4.7
BARZAN	4.5
BA 77-292	4.3
BUCKINGHAM (BA 74-114)	4.3
CANNON (BA 73-381)	4.3
GREENLEY	4.3
KWS PP 13-2	4.3
NASSAU	4.3
PST-A84-803	4.3
SR 2100	4.3
PST-A84-405	4.0
RONDE	4.0
SOUTH DAKOTA CERT.	4.0
SR 2000	4.0
GINGER	3.7
LSD VALUE	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 7. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	NJ3	NAME	NJ3
LIMOUSINE	8.0	ABLE I	5.0
APEX (SUMMIT)	7.3	ASCOT (BA 77-279)	5.0
PLATINI	7.3	BA 76-305	5.0
BAR VB 1169	7.0	EVV 13.863	5.0
BARBLUE	7.0	HAGA	5.0
BARSWEEP	7.0	J11-94	5.0
MIDNIGHT	7.0	MONOPOLY	5.0
JULIA	6.7	NE 80-47	5.0
PST-1DW	6.7	NOBLESSE	5.0
WW AG 505	6.7	NUBLUE (J-229)	5.0
BA 70-131	6.3	SUFFOLK	5.0
BLACKSBURG	6.3	WW AG 508	5.0
ECLIPSE	6.3	1757	4.7
A-34	6.0	ASPEN	4.7
ALLURE (BA 73-540)	6.0	BARONIE (BAR VB 985)	4.7
ALPINE	6.0	BROADWAY	4.7
BAR VB 852	6.0	CLASSIC	4.7
CHALLENGER	6.0	EVV 13.703	4.7
COVENTRY	6.0	J34-99	4.7
HV 125	6.0	MARQUIS	4.7
J-335	6.0	OPAL	4.7
OPTI-GREEN (PST-B8-106)	6.0	PST-0514	4.7
TOUCHDOWN	6.0	PST-A84-803	4.7
BARCELONA (BAR VB 1184)	5.7	PST-R-740	4.7
CARDIFF	5.7	AMPELLIA	4.3
CYNTHIA	5.7	BA 73-382	4.3
ESTATE	5.7	BANFF	4.3
FREEDOM	5.7	BARON	4.3
GEORGETOWN	5.7	BLUE STAR (PST-B8-13)	4.3
J-333	5.7	FORTUNA	4.3
MIRACLE	5.7	INDIGO	4.3
PENNPRO (PR-1)	5.7	J13-152	4.3
PRINCETON 104	5.7	LIVINGSTON	4.3
PST-C-224	5.7	MINSTREL	4.3
PSU-151	5.7	NUSTAR	4.3
SILVIA	5.7	PREAKNESS (602)	4.3
TRENTON	5.7	PST-UD-10	4.3
WASHINGTON	5.7	R751A	4.3
BARTITIA	5.3	SR 2000	4.3
CONNI	5.3	TRAMPAS	4.3
FAIRFAX (BA 69-82)	5.3	4 ACES (PST-RE-88)	4.0
MIRANDA	5.3	BA 78-258	4.0
PST-UD-12	5.3	BARMAX (BAR VB 7037)	4.0
SHAMROCK (H86-712)	5.3	CREST	4.0
UNIQUE (PST-C-76)	5.3	DAWN	4.0

TABLE 7.  
(CONTINUED)

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	NJ3
DONNA	4.0
EAGLETON	4.0
GLADE	4.0
GNOME	4.0
J-386	4.0
MELBA	4.0
MERIT	4.0
NASSAU	4.0
PST-A7-1877	4.0
PST-A84-405	4.0
PST-A84-928	4.0
RAM-1	4.0
SR 2100	4.0
ABBEY	3.7
BA 77-700	3.7
BELMONT (798)	3.7
CANNON (BA 73-381)	3.7
KELLY	3.7
LIBERTY	3.7
BA 77-292	3.3
BUCKINGHAM (BA 74-114)	3.3
PST-A7-341	3.3
PST-HV-116	3.3
VIVA (BA 73-366)	3.3
COBALT	3.0
MERION	3.0
CHELSEA	2.7
DESTINY	2.7
KWS PP 13-2	1.3
BARZAN	1.0
GINGER	1.0
GREENLEY	1.0
KENBLUE	1.0
RONDE	1.0
SOUTH DAKOTA CERT.	1.0
LSD VALUE	1.5

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 8. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	NJ3	NAME	NJ3
LIMOUSINE	9.0	ESTATE	5.3
BARSWEET	8.0	EVB 13.703	5.3
APEX (SUMMIT)	7.7	HAGA	5.3
WW AG 505	7.7	MELBA	5.3
CONNIE	7.3	OPAL	5.3
ALPINE	7.0	BA 70-131	5.0
MIDNIGHT	7.0	BLUE STAR (PST-B8-13)	5.0
WW AG 508	7.0	DONNA	5.0
BAR VB 852	6.7	FAIRFAX (BA 69-82)	5.0
BARTITIA	6.7	J11-94	5.0
CYNTHIA	6.7	MINSTREL	5.0
EVB 13.863	6.7	MONOPOLY	5.0
J-333	6.7	PREAKNESS (602)	5.0
PST-1DW	6.7	SUFFOLK	5.0
SILVIA	6.7	TRAMPAS	5.0
BARCELONA (BAR VB 1184)	6.3	UNIQUE (PST-C-76)	5.0
CARDIFF	6.3	4 ACES (PST-RE-88)	4.7
J-335	6.3	BA 76-305	4.7
JULIA	6.3	BA 78-258	4.7
PENNPRO (PR-1)	6.3	BARON	4.7
PSU-151	6.3	BARONIE (BAR VB 985)	4.7
TOUCHDOWN	6.3	CREST	4.7
MIRACLE	6.0	FORTUNA	4.7
NUBLUE (J-229)	6.0	FREEDOM	4.7
OPTI-GREEN (PST-B8-106)	6.0	GEORGETOWN	4.7
PRINCETON 104	6.0	GLADE	4.7
WASHINGTON	6.0	GNOME	4.7
ABLE I	5.7	J34-99	4.7
ALLURE (BA 73-540)	5.7	LIVINGSTON	4.7
BAR VB 1169	5.7	MARQUIS	4.7
BARBLUE	5.7	PST-A84-928	4.7
CHALLENGER	5.7	R751A	4.7
COVENTRY	5.7	1757	4.3
ECLIPSE	5.7	BARMAX (BAR VB 7037)	4.3
MIRANDA	5.7	EAGLETON	4.3
PIATINI	5.7	HV 125	4.3
PST-0514	5.7	LIBERTY	4.3
PST-A7-1877	5.7	NUSTAR	4.3
PST-C-224	5.7	PST-A84-803	4.3
SHAMROCK (H86-712)	5.7	PST-R-740	4.3
A-34	5.3	PST-UD-10	4.3
AMPELLIA	5.3	SR 2100	4.3
ASCOT (BA 77-279)	5.3	TRENTON	4.3
BLACKSBURG	5.3	ASPEN	4.0
BROADWAY	5.3	BANFF	4.0

TABLE 8. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONTINUED) 1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	NJ3
CLASSIC	4.0
COBALT	4.0
J13-152	4.0
KELLY	4.0
NE 80-47	4.0
NOBLESSE	4.0
PST-A7-341	4.0
PST-A84-405	4.0
PST-UD-12	4.0
RAM-1	4.0
SR 2000	4.0
ABBEY	3.7
BA 73-382	3.7
BA 77-700	3.7
BELMONT (798)	3.7
BUCKINGHAM (BA 74-114)	3.7
CHELSEA	3.7
DAWN	3.7
INDIGO	3.7
MERIT	3.7
NASSAU	3.7
BA 77-292	3.3
J-386	3.3
MERION	3.3
PST-HV-116	3.3
VIVA (BA 73-366)	3.3
CANNON (BA 73-381)	3.0
DESTINY	2.7
BARZAN	2.0
KWS PP 13-2	1.7
GINGER	1.3
GREENLEY	1.3
KENBLUE	1.3
RONDE	1.0
SOUTH DAKOTA CERT.	1.0
LSD VALUE	1.5

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 9.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/			
NAME	NJ1	NJ3	MEAN
LIMOUSINE	7.3	8.0	7.7
MIDNIGHT	7.0	7.0	7.0
UNIQUE (PST-C-76)	7.7	6.3	7.0
BLACKSBURG	7.7	6.0	6.8
CYNTHIA	6.3	7.3	6.8
TRENTON	7.7	5.7	6.7
A-34	7.0	6.3	6.7
BAR VB 852	7.0	6.3	6.7
ECLIPSE	7.0	6.3	6.7
ASCOT (BA 77-279)	7.0	6.0	6.5
HAGA	7.0	5.7	6.3
BARBLUE	7.7	4.7	6.2
GEORGETOWN	7.3	5.0	6.2
PENNPRO (PR-1)	6.0	6.3	6.2
BARONIE (BAR VB 985)	7.0	5.0	6.0
BARSWEET	5.0	7.0	6.0
JULIA	6.0	6.0	6.0
PST-UD-12	7.0	5.0	6.0
ABLE I	6.0	5.7	5.8
NE 80-47	5.7	6.0	5.8
PSU-151	5.7	6.0	5.8
SUFFOLK	7.0	4.7	5.8
BANFF	6.3	5.3	5.8
J11-94	6.7	4.7	5.7
PST-0514	5.7	5.7	5.7
PST-UD-10	6.7	4.7	5.7
BA 70-131	6.3	5.0	5.7
BAR VB 1169	6.3	5.0	5.7
CLASSIC	6.3	5.0	5.7
EVB 13.703	6.0	5.3	5.7
J-335	5.0	6.3	5.7
TOUCHDOWN	5.3	6.0	5.7
1757	6.0	5.0	5.5
ASPEN	6.7	4.3	5.5
BARTITIA	4.7	6.3	5.5
J34-99	6.7	4.3	5.5
MONOPOLY	6.0	5.0	5.5
OPTI-GREEN (PST-B8-106)	6.0	5.0	5.5
PLATINI	6.0	5.0	5.5
PREAKNESS (602)	6.0	5.0	5.5
PRINCETON 104	5.0	6.0	5.5
SR 2000	6.7	4.3	5.5
BARCELONA (BAR VB 1184)	4.7	6.0	5.3
CARDIFF	5.0	5.7	5.3
DAWN	6.7	4.0	5.3

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY			
NAME	NJ1	NJ3	MEAN
EAGLETON	6.0	4.7	5.3
FREEDOM	6.0	4.7	5.3
J13-152	6.7	4.0	5.3
SHAMROCK (H86-712)	6.7	4.0	5.3
SILVIA	5.7	5.0	5.3
CONNI	3.7	7.0	5.3
NUSTAR	6.3	4.3	5.3
ALPINE	3.7	6.7	5.2
ESTATE	5.7	4.7	5.2
NASSAU	5.7	4.7	5.2
FAIRFAX (BA 69-82)	6.0	4.3	5.2
LIVINGSTON	5.3	5.0	5.2
CHALLENGER	5.0	5.0	5.0
J-333	4.7	5.3	5.0
PST-C-224	6.0	4.0	5.0
WW AG 505	3.0	6.7	4.8
APEX (SUMMIT)	2.7	7.0	4.8
COVENTRY	5.3	4.3	4.8
EVB 13.863	3.7	6.0	4.8
LIBERTY	5.3	4.3	4.8
PST-A7-1877	5.3	4.3	4.8
PST-A84-803	5.3	4.3	4.8
PST-A84-405	5.7	3.7	4.7
4 ACES (PST-RE-88)	4.3	5.0	4.7
BA 78-258	4.3	5.0	4.7
PST-1DW	3.0	6.3	4.7
AMPELLIA	4.0	5.0	4.5
HV 125	5.0	4.0	4.5
WASHINGTON	3.0	6.0	4.5
J-386	4.7	4.0	4.3
RAM-1	4.7	4.0	4.3
DESTINY	5.3	3.3	4.3
INDIGO	5.3	3.3	4.3
BARMAX (BAR VB 7037)	3.3	5.0	4.2
COBALT	5.0	3.3	4.2
PST-R-740	3.3	5.0	4.2
ALLURE (BA 73-540)	4.0	4.3	4.2
FORTUNA	3.0	5.3	4.2
OPAL	4.0	4.3	4.2
SR 2100	4.0	4.3	4.2
GNOME	3.0	5.0	4.0
MIRANDA	2.7	5.3	4.0
NUBLUE (J-229)	3.7	4.3	4.0
GLADE	3.0	4.7	3.8
BA 76-305	2.7	5.0	3.8

TABLE 9. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONTINUED) 1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	NJ1	NJ3	MEAN
BELMONT (798)	4.0	3.7	3.8
BUCKINGHAM (BA 74-114)	3.7	4.0	3.8
DONNA	2.3	5.3	3.8
MINSTREL	3.3	4.3	3.8
ABBEY	2.7	4.7	3.7
BLUE STAR (PST-B8-13)	2.7	4.7	3.7
KELLY	3.3	4.0	3.7
TRAMPAS	2.7	4.7	3.7
BA 73-382	3.7	3.7	3.7
CANNON (BA 73-381)	3.7	3.7	3.7
MIRACLE	2.0	5.3	3.7
PST-A84-928	3.0	4.3	3.7
R751A	3.0	4.3	3.7
BA 77-700	3.0	4.0	3.5
BARON	2.7	4.3	3.5
CREST	3.3	3.7	3.5
MELBA	2.7	4.3	3.5
MARQUIS	2.3	4.3	3.3
PST-A7-341	2.3	4.3	3.3
VIVA (BA 73-366)	2.7	4.0	3.3
MERION	2.3	4.0	3.2
NOBLESSE	2.3	4.0	3.2
BROADWAY	2.7	3.7	3.2
PST-HV-116	2.7	3.7	3.2
BA 77-292	2.3	3.7	3.0
KENBLUE	4.0	2.0	3.0
MERIT	2.3	3.7	3.0
SOUTH DAKOTA CERT.	4.0	2.0	3.0
WW AG 508	1.7	4.3	3.0
CHELSEA	2.7	3.0	2.8
BARZAN	3.0	2.5	2.8
KWS PP 13-2	2.3	2.0	2.2
GREENLEY	2.7	1.7	2.2
RONDE	1.7	1.7	1.7
GINGER	2.0	1.3	1.7
LSD VALUE	1.6	1.5	1.1

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 10. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/			
NAME	VA2	NAME	VA2
KENBLUE	94.3	SHAMROCK (H86-712)	61.7
PST-A84-928	93.7	SR 2100	61.7
GINGER	92.7	CHALLENGER	60.0
BAR VB 852	90.0	PST-A84-803	58.3
MARQUIS	88.3	PSU-151	55.0
EAGLETON	86.7	HAGA	53.3
SOUTH DAKOTA CERT.	86.0	J-333	53.3
MONOPOLY	85.0	OPTI-GREEN (PST-B8-106)	53.3
VIVA (BA 73-366)	85.0	MINSTREL	51.7
RONDE	84.3	BLUE STAR (PST-B8-13)	50.0
4 ACES (PST-RE-88)	83.3	KWS PP 13-2	50.0
ALLURE (BA 73-540)	83.3	BARMAX (BAR VB 7037)	48.3
KELLY	83.3	ECLIPSE	48.3
MERION	81.7	J-335	48.3
BA 77-292	80.0	J34-99	48.3
COBALT	80.0	PST-0514	48.3
GREENLEY	80.0	J11-94	45.0
J-386	80.0	J13-152	43.3
BA 76-305	76.7	PREAKNESS (602)	43.3
CANNON (BA 73-381)	75.0	PST-A84-405	43.3
NUSTAR	75.0	BLACKSBURG	41.7
PST-UD-10	75.0	PST-A7-1877	40.0
UNIQUE (PST-C-76)	75.0	MIDNIGHT	38.3
ASPEN	73.3	NE 80-47	38.3
ESTATE	71.7	TRENTON	38.3
MERIT	71.7	CARDIFF	36.7
BARON	71.0	NASSAU	36.7
BA 70-131	70.0	PST-R-740	36.7
BA 77-700	70.0	CREST	35.0
FAIRFAX (BA 69-82)	70.0	LIMOUSINE	35.0
FORTUNA	70.0	NUBLUE (J-229)	35.0
GNOME	70.0	WASHINGTON	35.0
ABBAY	68.3	GEORGETOWN	33.3
GLADE	68.3	HV 125	33.3
R751A	68.3	LIBERTY	33.3
BELMONT (798)	66.7	PST-UD-12	33.3
SR 2000	66.7	TOUCHDOWN	33.3
COVENTRY	65.0	CLASSIC	31.7
PST-1DW	65.0	A-34	30.0
PST-A7-341	65.0	BUCKINGHAM (BA 74-114)	30.0
RAM-1	65.0	CHELSEA	30.0
BA 73-382	63.3	FREEDOM	30.0
PST-C-224	63.3	INDIGO	30.0
BA 78-258	62.7	SILVIA	30.0
LIVINGSTON	61.7	ABLE I	28.3

TABLE 10. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONTINUED) 1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS

NAME	VA2
DAWN	28.3
DESTINY	28.3
EVB 13.863	28.3
AMPELLIA	26.7
JULIA	26.7
1757	25.0
WW AG 508	23.3
BANFF	21.7
BARBLUE	21.7
PLATINI	21.7
ALPINE	20.0
CYNTHIA	20.0
DONNA	20.0
NOBLESSE	20.0
SUFFOLK	20.0
BARONIE (BAR VB 985)	18.3
HENNPRO (PR-1)	18.3
EVB 13.703	16.7
OPAL	15.0
PRINCETON 104	15.0
ASCOT (BA 77-279)	11.7
BARCELONA (BAR VB 1184)	11.7
BARZAN	11.7
CONNI	11.7
BAR VB 1169	10.0
MIRACLE	10.0
BROADWAY	8.3
PST-HV-116	8.3
MIRANDA	6.7
MELBA	5.0
APEX (SUMMIT)	3.3
BARTITIA	3.3
TRAMPAS	3.3
WW AG 505	3.3
BARSWEET	1.7
LSD VALUE	29.9

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

TABLE 11. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	CO1	ID2	VA1	MEAN
GINGER	3.3	8.3	5.3	5.7
PENNPRO (PR-1)	5.7	5.3	6.0	5.7
PRINCETON 104	5.7	4.7	6.3	5.6
1757	4.3	5.7	6.3	5.4
BUCKINGHAM (BA 74-114)	4.3	6.3	5.3	5.3
ABBEY	3.3	6.3	5.7	5.1
CANNON (BA 73-381)	3.7	6.0	5.7	5.1
PST-A84-928	4.0	6.0	5.0	5.0
SHAMROCK (H86-712)	3.7	5.7	5.7	5.0
BA 76-305	4.0	5.7	5.0	4.9
DESTINY	4.0	5.7	5.0	4.9
MERIT	3.3	6.0	5.3	4.9
BA 73-382	3.3	6.3	5.0	4.9
KELLY	4.0	5.7	4.7	4.8
ALLURE (BA 73-540)	4.0	6.3	4.0	4.8
AMPELLIA	4.0	6.0	4.3	4.8
NASSAU	4.0	5.0	5.3	4.8
OPTI-GREEN (PST-B8-106)	4.0	6.3	4.0	4.8
PST-UD-10	4.3	4.0	6.0	4.8
BARON	3.7	5.7	4.7	4.7
CREST	4.0	5.3	4.7	4.7
FORTUNA	3.7	5.3	5.0	4.7
GNOME	3.3	5.7	5.0	4.7
PST-A7-1877	4.0	6.0	4.0	4.7
SILVIA	4.3	4.3	5.3	4.7
WASHINGTON	4.7	3.7	5.7	4.7
EANFF	5.3	3.7	4.7	4.6
BARBLUE	4.7	3.7	5.3	4.6
MIRACLE	5.0	4.0	4.7	4.6
SUFFOLK	4.7	5.0	4.0	4.6
TRENTON	5.3	4.3	4.0	4.6
J-333	4.3	4.0	5.3	4.6
LIMOUSINE	4.3	5.0	4.3	4.6
PST-A84-803	4.3	5.0	4.3	4.6
BA 70-131	3.7	5.7	4.0	4.4
BA 77-700	4.3	5.0	4.0	4.4
ESTATE	4.0	5.0	4.3	4.4
J34-99	4.0	5.3	4.0	4.4
SR 2100	4.7	4.3	4.3	4.4
ASPEN	3.7	3.7	5.7	4.3
BA 78-258	4.0	4.7	4.3	4.3
BARONIE (BAR VB 985)	4.3	3.7	5.0	4.3
CHALLENGER	4.3	4.3	4.3	4.3
DAWN	3.7	6.0	3.3	4.3
ECLIPSE	4.7	3.7	4.7	4.3

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	CO1	ID2	VA1	MEAN
EVB 13.703	4.3	3.7	5.0	4.3
J13-152	4.7	3.7	4.7	4.3
MARQUIS	3.7	5.0	4.3	4.3
NUBLUE (J-229)	5.0	3.7	4.3	4.3
PST-R-740	3.0	5.7	4.3	4.3
PST-UD-12	4.7	4.3	4.0	4.3
TOUCHDOWN	5.3	2.3	5.3	4.3
4 ACES (PST-RE-88)	3.7	4.3	4.7	4.2
BA 77-292	3.7	4.3	4.7	4.2
BELMONT (798)	4.0	4.7	4.0	4.2
COBALT	4.0	4.0	4.7	4.2
PREAKNESS (602)	4.3	3.7	4.7	4.2
PSU-151	5.7	3.0	4.0	4.2
BAR VB 1169	5.3	3.0	4.3	4.2
FAIRFAX (BA 69-82)	4.3	4.5	3.7	4.2
BROADWAY	6.0	2.3	4.0	4.1
CARDIFF	4.0	3.3	5.0	4.1
JULIA	6.0	2.3	4.0	4.1
PST-A7-341	3.3	5.0	4.0	4.1
PST-C-224	4.7	4.0	3.7	4.1
BAR VB 852	4.3	4.0	4.0	4.1
BLACKSBURG	4.3	3.7	4.3	4.1
CONNI	4.0	3.7	4.7	4.1
CYNTHIA	4.0	3.7	4.7	4.1
FREEDOM	4.0	4.0	4.3	4.1
J-386	4.0	4.3	4.0	4.1
MELBA	4.0	4.0	4.3	4.1
MINSTREL	4.7	3.3	4.3	4.1
PST-A84-405	4.7	3.3	4.3	4.1
BARCELONA (BAR VB 1184)	4.7	3.3	4.0	4.0
BARTITIA	4.0	4.0	4.0	4.0
CLASSIC	4.0	3.3	4.7	4.0
J11-94	4.7	3.3	4.0	4.0
R751A	3.3	4.3	4.3	4.0
WW AG 505	5.3	2.0	4.7	4.0
WW AG 508	5.0	3.0	4.0	4.0
HV 125	4.0	4.3	3.7	4.0
APEX (SUMMIT)	6.0	2.3	3.3	3.9
GEORGETOWN	4.0	3.3	4.3	3.9
J-335	4.7	2.3	4.7	3.9
KWS PP 13-2	4.7	3.0	4.0	3.9
PST-1DW	5.7	2.7	3.3	3.9
ASCOT (BA 77-279)	4.0	4.3	3.3	3.9
BLUE STAR (PST-B8-13)	3.7	3.7	4.3	3.9
EVB 13.863	4.3	3.7	3.7	3.9

TABLE 11.  
(CONTINUED)

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	CO1	ID2	VA1	MEAN
LIVINGSTON	4.0	3.7	4.0	3.9
PLATINI	5.0	2.7	4.0	3.9
RAM-1	4.3	3.7	3.7	3.9
VIVA (BA 73-366)	3.7	4.0	4.0	3.9
HAGA	4.7	3.0	3.7	3.8
PST-HV-116	4.7	2.7	4.0	3.8
SR 2000	4.0	3.3	4.0	3.8
COVENTRY	3.7	3.7	4.0	3.8
DONNA	4.0	3.7	3.7	3.8
MERION	3.7	3.3	4.3	3.8
MONOPOLY	4.3	2.7	4.3	3.8
SOUTH DAKOTA CERT.	3.7	4.0	3.7	3.8
A-34	4.3	2.0	4.7	3.7
ABLE I	4.0	3.3	3.7	3.7
LIBERTY	3.3	3.3	4.3	3.7
NE 80-47	4.0	3.7	3.3	3.7
NOBLESSE	4.0	2.3	4.7	3.7
NUSTAR	3.7	3.3	4.0	3.7
OPAL	4.3	2.7	4.0	3.7
BARMAX (BAR VB 7037)	4.3	2.7	3.7	3.6
INDIGO	4.0	2.7	4.0	3.6
GLADE	4.3	3.7	2.3	3.4
PST-0514	4.7	2.0	3.7	3.4
CHELSEA	4.3	2.0	4.0	3.4
ALPINE	3.7	3.3	3.0	3.3
TRAMPAS	4.0	2.0	4.0	3.3
MIDNIGHT	4.3	1.7	3.7	3.2
GREENLEY	3.3	3.0	3.0	3.1
BARSWHEET	4.3	1.3	3.7	3.1
MIRANDA	4.7	1.3	3.0	3.0
UNIQUE (PST-C-76)	3.0	1.0	5.0	3.0
KENBLUE	3.3	3.0	2.3	2.9
BARZAN	3.7	1.7	3.3	2.9
EAGLETON	4.3	2.3	2.0	2.9
RONDE	3.7	2.0	2.0	2.6
LSD VALUE	1.6	2.1	1.1	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 12.

DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	VA2	NAME	VA2
BAR VB 852	5.7	BA 73-382	2.3
ALLURE (BA 73-540)	5.3	DESTINY	2.3
MONOPOLY	5.3	EAGLETON	2.3
PST-A84-928	5.3	GLADE	2.3
J-386	5.0	NASSAU	2.3
KENBLUE	4.7	OPTI-GREEN (PST-B8-106)	2.3
MARQUIS	4.7	PREAKNESS (602)	2.3
SR 2000	4.7	PST-C-224	2.3
4 ACES (PST-RE-88)	4.3	R751A	2.3
ASPEN	4.3	BA 76-305	2.0
KELLY	4.3	BUCKINGHAM (BA 74-114)	2.0
MERION	4.3	ECLIPSE	2.0
BARON	4.0	J-335	2.0
GREENLEY	4.0	KWS PP 13-2	2.0
NUSTAR	4.0	PST-0514	2.0
BELMONT (798)	3.7	PST-1DW	2.0
MERIT	3.7	PST-UD-12	2.0
VIVA (BA 73-366)	3.7	PSU-151	2.0
BA 70-131	3.3	AMPELLIA	1.7
BARMAX (BAR VB 7037)	3.3	BA 78-258	1.7
CHALLENGER	3.3	BLACKSBURG	1.7
COBALT	3.3	BLUE STAR (PST-B8-13)	1.7
FORTUNA	3.3	CARDIFF	1.7
GINGER	3.3	INDIGO	1.7
LIVINGSTON	3.3	J11-94	1.7
PST-UD-10	3.3	LIBERTY	1.7
RONDE	3.3	LIMOUSINE	1.7
SHAMROCK (H86-712)	3.3	PLATINI	1.7
SOUTH DAKOTA CERT.	3.3	PST-A84-405	1.7
UNIQUE (PST-C-76)	3.3	1757	1.3
BA 77-292	3.0	ABLE I	1.3
BA 77-700	3.0	CLASSIC	1.3
ESTATE	3.0	CREST	1.3
FAIRFAX (BA 69-82)	3.0	DAWN	1.3
RAM-1	3.0	HV 125	1.3
SR 2100	3.0	J13-152	1.3
ABBAY	2.7	OPAL	1.3
CANNON (BA 73-381)	2.7	PST-A7-1877	1.3
COVENTRY	2.7	PST-R-740	1.3
GNOME	2.7	SILVIA	1.3
HAGA	2.7	TOUCHDOWN	1.3
J-333	2.7	TRENTON	1.3
MINSTREL	2.7	WASHINGTON	1.3
PST-A7-341	2.7	WW AG 508	1.3
PST-A84-803	2.7	A-34	1.0

TABLE 12.  
(CONTINUED)

DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	VA2
ALPINE	1.0
APEX (SUMMIT)	1.0
ASCOT (BA 77-279)	1.0
BANFF	1.0
BAR VB 1169	1.0
BARBLUE	1.0
BARCELONA (BAR VB 1184)	1.0
BARONIE (BAR VB 985)	1.0
BARSWEET	1.0
BARTITIA	1.0
BARZAN	1.0
BROADWAY	1.0
CHELSEA	1.0
CONNI	1.0
CYNTHIA	1.0
DONNA	1.0
EVb 13.703	1.0
EVb 13.863	1.0
FREEDOM	1.0
GEORGETOWN	1.0
J34-99	1.0
JULIA	1.0
MELBA	1.0
MIDNIGHT	1.0
MIRACLE	1.0
MIRANDA	1.0
NE 80-47	1.0
NOBLESSE	1.0
NUBLUE (J-229)	1.0
PENNPRO (PR-1)	1.0
PRINCETON 104	1.0
PST-HV-116	1.0
SUFFOLK	1.0
TRAMPAS	1.0
WW AG 505	1.0
LSD VALUE	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 13. MELTING OUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
1993 DATA

MELTING OUT RATINGS 1-9; 9=NO DAMAGE 2/

NAME	OR9	NAME	OR9
1757	7.7	WW AG 505	4.7
CYNTHIA	7.0	BROADWAY	4.3
AMPELLIA	6.7	CARDIFF	4.3
ASPEN	6.7	CHALLENGER	4.3
PRINCETON 104	6.7	JULIA	4.3
MINSTREL	6.3	MIRACLE	4.3
NASSAU	6.3	MONOPOLY	4.3
BUCKINGHAM (BA 74-114)	6.0	APEX (SUMMIT)	4.0
DESTINY	6.0	BLACKSBURG	4.0
FREEDOM	6.0	CHELSEA	4.0
PST-A84-803	6.0	GINGER	4.0
PST-UD-10	6.0	HV 125	4.0
BARBLUE	5.7	INDIGO	4.0
CONNI	5.7	J-335	4.0
PENNPRO (PR-1)	5.7	LIVINGSTON	4.0
SUFFOLK	5.7	MELBA	4.0
TRENTON	5.7	NUSTAR	4.0
ASCOT (BA 77-279)	5.3	PSU-151	4.0
J11-94	5.3	SR 2100	4.0
SHAMROCK (H86-712)	5.3	A-34	3.7
SR 2000	5.3	EVB 13.863	3.7
BANFF	5.0	KWS PP 13-2	3.7
BAR VB 1169	5.0	NE 80-47	3.7
BAR VB 852	5.0	NOBLESSE	3.7
CLASSIC	5.0	NUBLUE (J-229)	3.7
COBALT	5.0	OPAL	3.7
GEORGETOWN	5.0	TRAMPAS	3.7
J-333	5.0	WW AG 508	3.7
J13-152	5.0	BA 77-292	3.3
J34-99	5.0	BARCELONA (BAR VB 1184)	3.3
LIBERTY	5.0	GREENLEY	3.3
PST-1DW	5.0	J-386	3.3
PST-A84-405	5.0	MIDNIGHT	3.3
TOUCHDOWN	5.0	PREAKNESS (602)	3.3
WASHINGTON	5.0	PST-0514	3.3
BARONIE (BAR VB 985)	4.7	PST-HV-116	3.3
BEIMONT (798)	4.7	RAM-1	3.3
DAWN	4.7	SOUTH DAKOTA CERT.	3.3
ECLIPSE	4.7	4 ACES (PST-RE-88)	3.0
EVB 13.703	4.7	ABLE I	3.0
HAGA	4.7	BARMAX (BAR VB 7037)	3.0
LIMOUSINE	4.7	BARTITIA	3.0
PLATINI	4.7	DONNA	3.0
PST-UD-12	4.7	MIRANDA	3.0
SILVIA	4.7	OPTI-GREEN (PST-B8-106)	3.0

TABLE 13.  
(CONTINUED)

MELTING OUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

MELTING OUT RATINGS 1-9; 9=NO DAMAGE

NAME	OR9
RONDE	3.0
ALPINE	2.7
BARSWEEP	2.7
FAIRFAX (BA 69-82)	2.7
KENBLUE	2.7
PST-A7-1877	2.7
PST-C-224	2.7
UNIQUE (PST-C-76)	2.7
BARZAN	2.3
COVENTRY	2.3
EAGLETON	2.3
GLADE	2.3
MERION	2.3
VIVA (BA 73-366)	2.3
BA 70-131	2.0
BA 73-382	2.0
CANNON (BA 73-381)	2.0
ESTATE	2.0
ABBAY	1.7
ALLURE (BA 73-540)	1.7
BA 76-305	1.7
BA 77-700	1.7
BA 78-258	1.7
BLUE STAR (PST-B8-13)	1.7
CREST	1.7
FORTUNA	1.7
MARQUIS	1.7
MERIT	1.7
PST-A7-341	1.7
PST-A84-928	1.7
PST-R-740	1.7
KELLY	1.3
R751A	1.3
BARON	1.0
GNOME	1.0
LSD VALUE	1.4

1/ DISEASE RATED HERE WAS CAUSED BY DRECHLERA POAE.

2/ 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  
1993 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/			
	ID2	NJ1	NJ2	MEAN
BAR VB 1169	7.0	9.0	9.0	8.3
BUCKINGHAM (BA 74-114)	7.0	9.0	9.0	8.3
HV 125	7.0	9.0	9.0	8.3
JULIA	7.0	9.0	9.0	8.3
LIMOUSINE	7.0	9.0	9.0	8.3
BARONIE (BAR VB 985)	6.7	9.0	9.0	8.2
NASSAU	6.7	9.0	9.0	8.2
NOBLESSE	6.7	9.0	9.0	8.2
SHAMROCK (H86-712)	6.7	9.0	9.0	8.2
MIDNIGHT	6.7	9.0	8.7	8.1
ASCOT (BA 77-279)	6.3	9.0	9.0	8.1
BAR VB 852	6.3	9.0	9.0	8.1
BARBLUE	6.3	9.0	9.0	8.1
DESTINY	6.3	9.0	9.0	8.1
ECLIPSE	6.3	9.0	9.0	8.1
LIBERTY	6.3	9.0	9.0	8.1
SUFFOLK	6.3	9.0	9.0	8.1
4 ACES (PST-RE-88)	6.0	9.0	9.0	8.0
CANNON (BA 73-381)	7.3	7.7	9.0	8.0
CHALLENGER	6.0	9.0	9.0	8.0
COBALT	6.0	9.0	9.0	8.0
GEORGETOWN	6.0	9.0	9.0	8.0
J-335	6.0	9.0	9.0	8.0
MERION	6.0	9.0	9.0	8.0
NUBLUE (J-229)	6.0	9.0	9.0	8.0
OPAL	6.0	9.0	9.0	8.0
PST-A84-405	6.0	9.0	9.0	8.0
PST-A84-803	6.0	9.0	9.0	8.0
TRENTON	6.3	8.7	9.0	8.0
1757	5.7	9.0	9.0	7.9
ESTATE	6.3	8.3	9.0	7.9
EV8 13.703	5.7	9.0	9.0	7.9
J-333	5.7	9.0	9.0	7.9
MIRANDA	5.7	9.0	9.0	7.9
PLATINI	5.7	9.0	9.0	7.9
PRINCETON 104	5.7	9.0	9.0	7.9
PST-1DW	7.0	7.7	9.0	7.9
PST-UD-10	5.7	9.0	9.0	7.9
SILVIA	5.7	9.0	9.0	7.9
AMPELLIA	6.3	9.0	8.3	7.9
BLUE STAR (PST-B8-13)	6.0	8.7	9.0	7.9
J13-152	6.0	8.7	9.0	7.9
J34-99	6.0	8.3	9.0	7.8
OPTI-GREEN (PST-B8-106)	6.0	8.3	9.0	7.8
PENNPRO (PR-1)	5.7	9.0	8.7	7.8

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE			
	ID2	NJ1	NJ2	MEAN
ABBEY	7.0	7.3	9.0	7.8
ABLE I	5.3	9.0	9.0	7.8
APEX (SUMMIT)	5.7	8.7	9.0	7.8
BANFF	5.3	9.0	9.0	7.8
BELMONT (798)	5.3	9.0	9.0	7.8
CLASSIC	5.3	9.0	9.0	7.8
FREEDOM	5.3	9.0	9.0	7.8
LIVINGSTON	5.3	9.0	9.0	7.8
SR 2000	5.3	9.0	9.0	7.8
ALLURE (BA 73-540)	5.3	8.7	9.0	7.7
BLACKSBURG	5.0	9.0	9.0	7.7
CARDIFF	5.0	9.0	9.0	7.7
CREST	6.0	8.0	9.0	7.7
DAWN	5.3	8.7	9.0	7.7
EV8 13.863	5.0	9.0	9.0	7.7
PST-A7-1877	6.0	8.0	9.0	7.7
UNIQUE (PST-C-76)	6.0	8.0	9.0	7.7
ALPINE	4.7	9.0	9.0	7.6
BA 73-382	6.0	7.7	9.0	7.6
FORTUNA	5.7	8.0	9.0	7.6
J11-94	5.3	8.3	9.0	7.6
BARMAX (BAR VB 7037)	5.0	9.0	8.7	7.6
GNOME	6.3	7.3	9.0	7.6
MARQUIS	5.7	7.7	9.0	7.4
PST-0514	4.7	9.0	8.7	7.4
WW AG 508	5.3	8.7	8.3	7.4
BARCELONA (BAR VB 1184)	4.7	8.7	9.0	7.4
MERIT	6.0	7.3	9.0	7.4
MINSTREL	4.3	9.0	9.0	7.4
SR 2100	6.0	7.3	9.0	7.4
TOUCHDOWN	5.3	9.0	8.0	7.4
VIVA (BA 73-366)	6.0	7.3	9.0	7.4
BA 77-292	5.0	8.7	8.3	7.3
BARTITIA	4.0	9.0	9.0	7.3
DONNA	5.0	9.0	8.0	7.3
PST-A84-928	6.0	7.0	9.0	7.3
PST-UD-12	4.3	8.7	9.0	7.3
PSU-151	4.3	8.7	9.0	7.3
BA 70-131	4.7	8.0	9.0	7.2
BA 77-700	5.7	7.0	9.0	7.2
HAGA	4.7	8.0	9.0	7.2
KELLY	6.0	6.7	9.0	7.2
A-34	3.7	9.0	9.0	7.2
ASPEN	4.0	8.7	9.0	7.2
PST-R-740	6.3	6.3	9.0	7.2

TABLE 14. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONTINUED) 1993 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE				
NAME	ID2	NJ1	NJ2	MEAN
WASHINGTON	5.3	7.3	9.0	7.2
WW AG 505	4.0	8.7	9.0	7.2
BA 76-305	5.7	6.7	9.0	7.1
MONOPOLY	4.0	8.3	9.0	7.1
R751A	6.0	6.7	8.7	7.1
BARON	6.0	6.3	9.0	7.1
J-386	5.3	8.0	7.7	7.0
PST-C-224	3.7	8.3	9.0	7.0
BA 78-258	5.0	6.7	9.0	6.9
BARSWEEP	4.0	7.7	9.0	6.9
MELBA	3.7	8.7	8.3	6.9
COVENTRY	3.3	8.0	9.0	6.8
BROADWAY	3.7	8.7	8.0	6.8
NUSTAR	4.7	7.7	7.7	6.7
PREAKNESS (602)	4.3	8.3	7.3	6.7
TRAMPAS	4.7	6.3	9.0	6.7
FAIRFAX (BA 69-82)	4.0	6.7	9.0	6.6
GINGER	3.0	9.0	7.7	6.6
INDIGO	3.3	8.7	7.7	6.6
CONNI	3.3	7.3	8.7	6.4
CYNTHIA	3.0	7.7	8.0	6.2
PST-A7-341	4.7	4.7	9.0	6.1
NE 80-47	4.0	8.0	6.3	6.1
KWS PP 13-2	5.7	7.0	4.7	5.8
CHELSEA	4.0	7.0	5.0	5.3
PST-HV-116	2.7	7.3	5.7	5.2
GLADE	4.3	5.3	4.7	4.8
EAGLETON	1.7	5.3	6.0	4.3
MIRACLE	3.3	5.0	4.0	4.1
RAM-1	1.7	4.7	4.0	3.4
BARZAN	2.7	3.3	2.7	2.9
GREENLEY	1.7	4.0	2.3	2.7
SOUTH DAKOTA CERT.	2.7	3.0	1.0	2.2
RONDE	1.3	2.7	1.3	1.8
KENBLUE	1.3	1.3	1.0	1.2
LSD VALUE	1.7	1.6	1.3	0.9

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

TABLE 15. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

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

NAME	IL1	MD1	RI1	MEAN
EAGLETON	5.7	9.0	8.7	7.8
PRINCETON 104	6.7	9.0	7.7	7.8
PREAKNESS (602)	5.3	9.0	7.7	7.3
ECLIPSE	4.7	9.0	8.0	7.2
SHAMROCK (H86-712)	5.0	9.0	7.3	7.1
ASCOT (BA 77-279)	3.7	9.0	8.3	7.0
BA 77-700	4.3	8.7	8.0	7.0
PST-UD-10	4.3	8.7	8.0	7.0
SR 2000	4.7	9.0	7.3	7.0
1757	4.3	9.0	7.3	6.9
GREENLEY	3.3	9.0	8.0	6.8
LIBERTY	4.7	9.0	6.7	6.8
ASPEN	3.7	9.0	7.7	6.8
BARON	4.0	8.7	7.7	6.8
KENBLUE	3.7	8.7	8.0	6.8
NUSTAR	4.3	8.7	7.3	6.8
WASHINGTON	4.3	8.7	7.3	6.8
BLACKSBURG	4.3	8.3	7.3	6.7
CREST	3.7	9.0	7.3	6.7
MARQUIS	4.0	8.7	7.3	6.7
MERIT	3.7	9.0	7.3	6.7
MONOPOLY	4.0	8.7	7.3	6.7
NASSAU	3.3	9.0	7.7	6.7
PST-A84-405	3.3	9.0	7.7	6.7
UNIQUE (PST-C-76)	3.3	9.0	7.7	6.7
LIVINGSTON	3.3	8.7	7.7	6.6
MIDNIGHT	4.0	9.0	6.7	6.6
PSU-151	4.3	8.7	6.7	6.6
BA 73-382	3.0	8.7	8.0	6.6
J34-99	3.7	9.0	7.0	6.6
BARZAN	3.3	8.3	7.7	6.4
EVB 13.703	4.3	8.3	6.7	6.4
INDIGO	3.3	8.3	7.7	6.4
BARONIE (BAR VB 985)	3.0	9.0	7.3	6.4
CANNON (BA 73-381)	3.3	8.7	7.3	6.4
CYNTHIA	4.0	8.7	6.7	6.4
GLADE	3.7	8.7	7.0	6.4
RONDE	3.3	8.7	7.3	6.4
ABBEY	3.0	8.7	7.3	6.3
BA 76-305	3.7	8.7	6.7	6.3
BARMAX (BAR VB 7037)	3.0	8.7	7.3	6.3
BELMONT (798)	3.7	8.7	6.7	6.3
CLASSIC	3.3	9.0	6.7	6.3
DESTINY	3.3	8.3	7.3	6.3
FORTUNA	2.7	8.7	7.7	6.3

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IL1	MD1	RI1	MEAN
GINGER	3.3	8.7	7.0	6.3
HV 125	3.3	8.7	7.0	6.3
J-386	3.3	9.0	6.7	6.3
J13-152	4.0	9.0	6.0	6.3
KELLY	2.7	8.7	7.7	6.3
NOBLESSE	3.7	8.7	6.7	6.3
NUBLUE (J-229)	4.0	9.0	6.0	6.3
PST-A7-341	3.0	8.7	7.3	6.3
R751A	3.3	8.7	7.0	6.3
SR 2100	3.7	8.3	7.0	6.3
WW AG 505	4.0	9.0	6.0	6.3
BANFF	3.3	8.7	6.7	6.2
COBALT	3.3	9.0	6.3	6.2
DAWN	3.3	8.7	6.7	6.2
HAGA	3.3	8.7	6.7	6.2
J11-94	3.0	9.0	6.7	6.2
KWS PP 13-2	3.3	8.7	6.7	6.2
SUFFOLK	3.3	9.0	6.3	6.2
TRENTON	4.0	9.0	5.7	6.2
VIVA (BA 73-366)	3.0	8.0	7.7	6.2
BA 78-258	2.7	9.0	7.0	6.2
MIRANDA	2.7	8.7	7.3	6.2
ABLE I	2.3	9.0	7.0	6.1
EVB 13.863	3.3	8.3	6.7	6.1
GEORGETOWN	3.3	9.0	6.0	6.1
GNOME	2.3	9.0	7.0	6.1
MERION	3.0	8.3	7.0	6.1
PST-UD-12	3.3	9.0	6.0	6.1
4 ACES (PST-RE-88)	3.3	8.7	6.3	6.1
BLUE STAR (PST-B8-13)	3.7	8.0	6.7	6.1
FREEDOM	3.3	8.7	6.3	6.1
PST-A84-803	2.7	8.3	7.3	6.1
PST-A84-928	3.3	8.7	6.3	6.1
TOUCHDOWN	3.0	9.0	6.3	6.1
A-34	3.0	8.3	6.7	6.0
DONNA	3.3	8.3	6.3	6.0
FAIRFAX (BA 69-82)	3.3	8.0	6.7	6.0
J-333	3.7	8.3	6.0	6.0
J-335	4.3	8.3	5.3	6.0
NE 80-47	2.7	8.3	7.0	6.0
ALPINE	3.3	8.3	6.0	5.9
BA 70-131	3.3	8.3	6.0	5.9
BARTITIA	2.3	8.7	6.7	5.9
CARDIFF	3.0	8.3	6.3	5.9
COVENTRY	3.3	8.0	6.3	5.9

TABLE 15. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONTINUED) 1993 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IL1	MD1	RI1	MEAN
PST-A7-1877	3.3	8.3	6.0	5.9
MINSTREL	3.0	8.0	6.3	5.8
PST-R-740	1.7	8.7	7.0	5.8
SILVIA	2.7	8.3	6.3	5.8
SOUTH DAKOTA CERT.	2.0	8.7	6.7	5.8
PST-0514	2.7	8.3	6.0	5.7
BROADWAY	1.7	8.3	6.7	5.6
ESTATE	3.0	8.3	5.3	5.6
MIRACLE	2.0	8.3	6.3	5.6
PST-1DW	2.3	8.0	6.3	5.6
PLATINI	2.7	8.7	5.3	5.6
BA 77-292	2.3	9.0	5.0	5.4
BAR VB 852	3.3	8.3	4.7	5.4
OPTI-GREEN (PST-B8-106)	3.0	8.3	5.0	5.4
APEX (SUMMIT)	3.0	8.0	5.3	5.4
CHELSEA	2.7	8.0	5.7	5.4
ALLURE (BA 73-540)	3.0	7.7	5.3	5.3
JULIA	3.0	7.7	5.3	5.3
MELBA	2.7	8.0	5.3	5.3
PST-HV-116	2.3	8.3	5.3	5.3
AMPELLIA	2.7	8.0	5.0	5.2
BARCELONA (BAR VB 1184)	1.3	8.3	6.0	5.2
TRAMPAS	2.7	8.0	5.0	5.2
BAR VB 1169	1.7	8.7	5.3	5.2
BARSWEEP	2.0	8.0	5.3	5.1
WW AG 508	1.3	8.7	5.3	5.1
BARBLUE	4.0	9.0	2.0	5.0
LIMOUSINE	3.0	7.7	4.0	4.9
RAM-1	1.0	7.3	6.3	4.9
BUCKINGHAM (BA 74-114)	1.0	9.0	4.3	4.8
CHALLENGER	3.0	.	6.3	4.7
OPAL	1.7	6.3	5.3	4.4
PENNPRO (PR-1)	2.7	.	5.7	4.2
CONNI	1.3	7.0	3.7	4.0
PST-C-224	3.7	.	4.3	4.0
LSD VALUE	1.5	0.8	1.6	0.8

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 16. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 1/			
NAME	MD1	NAME	MD1
1757	9.0	PST-HV-116	8.0
SR 2000	9.0	PST-UD-12	8.0
BARZAN	8.7	R751A	8.0
BELMONT (798)	8.7	SR 2100	8.0
EV8 13.863	8.7	TRAMPAS	8.0
GEORGETOWN	8.7	TRENTON	8.0
J-333	8.7	A-34	7.7
J13-152	8.7	ABBEY	7.7
J34-99	8.7	ALPINE	7.7
BAR VB 1169	8.3	BA 70-131	7.7
BARMAX (BAR VB 7037)	8.3	BA 73-382	7.7
COVENTRY	8.3	BAR VB 852	7.7
DAWN	8.3	BARBLUE	7.7
FREEDOM	8.3	BLACKSBURG	7.7
J-335	8.3	BLUE STAR (PST-B8-13)	7.7
KELLY	8.3	CANNON (BA 73-381)	7.7
LIBERTY	8.3	FAIRFAX (BA 69-82)	7.7
LIVINGSTON	8.3	GLADE	7.7
NUBLUE (J-229)	8.3	INDIGO	7.7
PST-UD-10	8.3	JULIA	7.7
SUFFOLK	8.3	MIDNIGHT	7.7
UNIQUE (PST-C-76)	8.3	NASSAU	7.7
AMPELLIA	8.0	PREAKNESS (602)	7.7
APEX (SUMMIT)	8.0	PRINCETON 104	7.7
ASPEN	8.0	PST-A7-1877	7.7
BA 77-700	8.0	PST-A84-405	7.7
BANFF	8.0	PST-R-740	7.7
BARONIE (BAR VB 985)	8.0	PSU-151	7.7
BARSWEET	8.0	SILVIA	7.7
CLASSIC	8.0	TOUCHDOWN	7.7
COBALT	8.0	WASHINGTON	7.7
CYNTHIA	8.0	4 ACES (PST-RE-88)	7.3
EAGLETON	8.0	ABLE I	7.3
ECLIPSE	8.0	ALLURE (BA 73-540)	7.3
FORTUNA	8.0	ASCOT (BA 77-279)	7.3
HAGA	8.0	BARON	7.3
J11-94	8.0	CREST	7.3
MELBA	8.0	DESTINY	7.3
MINSTREL	8.0	GNOME	7.3
MONOPOLY	8.0	HV 125	7.3
NE 80-47	8.0	KWS PP 13-2	7.3
NUSTAR	8.0	LIMOUSINE	7.3
OPAL	8.0	MARQUIS	7.3
PIATINI	8.0	MERIT	7.3
PST-A84-928	8.0	MIRACLE	7.3

TABLE 16.  
(CONTINUED)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

NAME	MD1
PST-0514	7.3
PST-1DW	7.3
PST-A84-803	7.3
RAM-1	7.3
BA 77-292	7.0
BA 78-258	7.0
BUCKINGHAM (BA 74-114)	7.0
CARDIFF	7.0
ESTATE	7.0
EVB 13.703	7.0
GREENLEY	7.0
NOBLESSE	7.0
OPTI-GREEN (PST-B8-106)	7.0
SHAMROCK (H86-712)	7.0
SOUTH DAKOTA CERT.	7.0
WW AG 508	7.0
BARCELONA (BAR VB 1184)	6.7
CONNI	6.7
J-386	6.7
KENBLUE	6.7
MERION	6.7
MIRANDA	6.7
PST-A7-341	6.7
VIVA (BA 73-366)	6.7
WW AG 505	6.7
BA 76-305	6.3
BARTITIA	6.3
BROADWAY	6.3
DONNA	6.3
CHELSEA	6.0
GINGER	6.0
RONDE	6.0
LSD VALUE	1.6

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

TABLE 17. FLOOD RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

FLOOD RECOVERY RATINGS 1-9; 9=BEST 1/

NAME	NE1	NAME	NE1
1757	9.0	J-386	8.7
A-34	9.0	J13-152	8.7
APEX (SUMMIT)	9.0	J34-99	8.7
ASPEN	9.0	LIVINGSTON	8.7
BAR VB 1169	9.0	NASSAU	8.7
BAR VB 852	9.0	NE 80-47	8.7
BARONIE (BAR VB 985)	9.0	NUSTAR	8.7
CHALLENGER	9.0	PLATINI	8.7
COBALT	9.0	PRINCETON 104	8.7
DAWN	9.0	PST-A84-405	8.7
ECLIPSE	9.0	PST-UD-12	8.7
FAIRFAX (BA 69-82)	9.0	ASCOT (BA 77-279)	8.3
FREEDOM	9.0	BA 77-292	8.3
GLADE	9.0	BUCKINGHAM (BA 74-114)	8.3
GNOME	9.0	CLASSIC	8.3
GREENLEY	9.0	CONNI	8.3
HAGA	9.0	COVENTRY	8.3
J-333	9.0	CYNTHIA	8.3
J-335	9.0	GINGER	8.3
J11-94	9.0	KELLY	8.3
JULIA	9.0	KENBLUE	8.3
LIBERTY	9.0	MONOPOLY	8.3
LIMOUSINE	9.0	R751A	8.3
MINSTREL	9.0	SILVIA	8.3
NUBLUE (J-229)	9.0	TOUCHDOWN	8.3
OPAL	9.0	VIVA (BA 73-366)	8.3
OPTI-GREEN (PST-B8-106)	9.0	ALPINE	8.0
PENNPRO (PR-1)	9.0	BA 70-131	8.0
EST-0514	9.0	BELMONT (798)	8.0
EST-1DW	9.0	PREAKNESS (602)	8.0
EST-A7-1877	9.0	PST-A84-803	8.0
EST-UD-10	9.0	PST-R-740	8.0
ESU-151	9.0	TRAMPAS	8.0
RONDE	9.0	WW AG 508	8.0
SOUTH DAKOTA CERT.	9.0	ALLURE (BA 73-540)	7.7
SR 2000	9.0	AMPELLIA	7.7
SR 2100	9.0	BA 76-305	7.7
SUFFOLK	9.0	BA 77-700	7.7
TRENTON	9.0	ESTATE	7.7
UNIQUE (PST-C-76)	9.0	INDIGO	7.7
WASHINGTON	9.0	MIDNIGHT	7.7
4 ACES (PST-RE-88)	8.7	MIRANDA	7.7
BANFF	8.7	PST-A7-341	7.7
EAGLETON	8.7	PST-A84-928	7.7
GEORGETOWN	8.7	PST-HV-116	7.7

TABLE 17.  
(CONTINUED)

FLOOD RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

FLOOD RECOVERY RATINGS 1-9; 9=BEST

NAME	NE1
BA 73-382	7.3
BA 78-258	7.3
CANNON (BA 73-381)	7.3
DESTINY	7.3
HV 125	7.3
ABLE I	7.0
BARCELONA (BAR VB 1184)	7.0
BARMAX (BAR VB 7037)	7.0
BARSWEET	7.0
BARTITIA	7.0
CHELSEA	7.0
EVB 13.703	7.0
SHAMROCK (H86-712)	7.0
MELBA	6.7
MIRACLE	6.7
WW AG 505	6.7
ABBEY	6.3
BARON	6.3
BARZAN	6.3
BLACKSBURG	6.3
BROADWAY	6.3
EVB 13.863	6.3
MARQUIS	6.3
MERIT	6.3
PST-C-224	6.3
RAM-1	6.3
FORTUNA	6.0
BLUE STAR (PST-B8-13)	5.7
CREST	5.7
NOBLESSE	5.7
CARDIFF	5.3
KWS PP 13-2	5.3
BARBLUE	4.3
DONNA	4.0
MERION	1.0
LSD VALUE	3.3

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 18. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE 1/			
NAME	ID2	NAME	ID2
APEX (SUMMIT)	9.0	ABBEY	7.3
NOBLESSE	9.0	ABLE I	7.3
PST-1DW	9.0	AMPELLIA	7.3
WASHINGTON	9.0	BA 77-292	7.3
BUCKINGHAM (BA 74-114)	8.7	BA 77-700	7.3
BARBLUE	8.3	BARON	7.3
BARZAN	8.3	BELMONT (798)	7.3
CHALLENGER	8.3	BLACKSBURG	7.3
DESTINY	8.3	GNOME	7.3
GLADE	8.3	INDIGO	7.3
MIDNIGHT	8.3	J13-152	7.3
MIRACLE	8.3	J34-99	7.3
SUFFOLK	8.3	KELLY	7.3
ALPINE	8.0	PENNPRO (PR-1)	7.3
ASCOT (BA 77-279)	8.0	PREAKNESS (602)	7.3
DAWN	8.0	PST-0514	7.3
EAGLETON	8.0	PST-A7-341	7.3
FREEDOM	8.0	SR 2100	7.3
MINSTREL	8.0	TRENTON	7.3
MIRANDA	8.0	BA 73-382	7.0
NUSTAR	8.0	BARTITIA	7.0
WW AG 508	8.0	CANNON (BA 73-381)	7.0
BA 76-305	7.7	FORTUNA	7.0
BANFF	7.7	J-386	7.0
BARCELONA (BAR VB 1184)	7.7	LIMOUSINE	7.0
BARONIE (BAR VB 985)	7.7	PRINCETON 104	7.0
COBALT	7.7	PST-R-740	7.0
CONNIE	7.7	PST-UD-12	7.0
ECLIPSE	7.7	R751A	7.0
GEORGETOWN	7.7	RAM-1	7.0
HAGA	7.7	SOUTH DAKOTA CERT.	7.0
HV 125	7.7	BAR VB 1169	6.7
MARQUIS	7.7	BLUE STAR (PST-B8-13)	6.7
MERIT	7.7	CARDIFF	6.7
NASSAU	7.7	CLASSIC	6.7
PST-A84-405	7.7	CREST	6.7
PST-A84-803	7.7	J-333	6.7
PST-A84-928	7.7	J11-94	6.7
PST-UD-10	7.7	LIBERTY	6.7
SILVIA	7.7	MELBA	6.7
SR 2000	7.7	MONOPOLY	6.7
UNIQUE (PST-C-76)	7.7	NUBLUE (J-229)	6.7
VIVA (BA 73-366)	7.7	PLATINI	6.7
1757	7.3	PSU-151	6.7
4 ACES (PST-RE-88)	7.3	ASPEN	6.3

TABLE 18.  
(CONTINUED)

NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
1993 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE

NAME	ID2
CYNTHIA	6.3
EVB 13.703	6.3
GREENLEY	6.3
J-335	6.3
JULIA	6.3
KWS PP 13-2	6.3
LIVINGSTON	6.3
SHAMROCK (H86-712)	6.3
TOUCHDOWN	6.3
WW AG 505	6.3
A-34	6.0
BA 78-258	6.0
CHELSEA	6.0
NE 80-47	6.0
RONDE	6.0
TRAMPAS	6.0
EVB 13.863	5.7
KENBLUE	5.7
GINGER	5.3
MERION	5.3
PST-HV-116	5.3
BA 70-131	5.0
BARMAX (BAR VB 7037)	5.0
COVENTRY	5.0
BAR VB 852	4.7
ESTATE	4.7
OPTI-GREEN (PST-B8-106)	4.7
BARSWEEP	4.3
OPAL	4.3
PST-A7-1877	4.3
BROADWAY	4.0
DONNA	3.7
FAIRFAX (BA 69-82)	3.5
ALLURE (BA 73-540)	3.3
PST-C-224	2.3
LSD VALUE	1.9

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