

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.

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LOCATIONS SUBMITTING DATA FOR 1994

<u>State</u>	<u>Location</u>	<u>Code</u>
District of Columbia	Washington Monument Grounds	DC1
Idaho	Rathdrum	ID3
Illinois	Carbondale	IL2
Iowa	Ames	IA1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Missouri	St. Louis	MO3
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Pittstown	NJ2
New York	Ithaca	NY1
Oregon	Hubbard	OR1
Rhode Island	Kingston	RI1
Virginia	Norton	VA6
Washington	Pullman	WA1

1990 NATIONAL KENTUCKY BLUEGRASS TEST

(Low Maintenance)

Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	Monopoly	Peterson Seed Company	36	PST-YQ	Pure-Seed Testing, Inc.
2	Merit	Full Circle, Inc.	37	PST-A7-111	Pure-Seed Testing, Inc.
3	Park	Norfarm Seeds	38	Liberty	Zajac Performance Seeds
4	Kyosti	Norfarm Seeds	39	Suffolk	Jacklin/Loft's Seed, Inc.
5	Baron	Barenbrug Holland	40	Amazon	Jacklin Seed Company
6	Barzan	Barenbrug Holland	41	Destiny	Jonathan Green & Son
7	Barsweet	Barenbrug Holland	42	Banjo (H76-1034)	International Seeds, Inc.
8	Bartitia	Barenbrug Holland	43	Washington	Cascade Inter./Jon. Green
9	BAR VB 852	Barenbrug Holland	44	Freedom	Jacklin Seed Company
10	BAR VB 985 (Baronie)	Barenbrug Holland	45	Merion	-
11	Minnfine (MN 2405)	Univ. of Minnesota	46	NuStar	Jacklin Seed Company
12	Bronco	Pickseed West	47	Caliber (J-335)	Peterson Seed Company
13	Crest	Pickseed West	48	J-386	Jacklin Seed Company
14	Ba 78-376	O. M. Scott & Son	49	NuBlue (J-229)	Medalist America
15	Ba 74-017	O. M. Scott & Son	50	Haga	E. F. Burlingham & Son
16	GEN-RSP	Genesis Group	51	Opal	E. F. Burlingham & Son
17	NJIC	Rutgers Univ.- C. R. Funk	52	SR 2000	Seed Research of Oregon
18	NE 80-47	Smith Seed Services	53	Gnome	Turf Merchants
19	Fortuna	Cebeco Handelsraad	54	Chelsea	Turf Merchants
20	Miracle	Cebeco Handelsraad	55	Cobalt	Turf Merchants
21	ISI-21	International Seeds, Inc.	56	KWS Pp 13-2	Turf Merchants
22	Sophia	Advanta Seeds West, Inc.	57	BAR VB 1169	Barenbrug Holland
23	Cynthia	Advanta Seeds West, Inc.	58	Barcelona (BAR VB 1184)	Barenbrug Holland
24	EVB 13.703	International Seeds, Inc.	59	Barmax (BAR VB 7037)	Barenbrug Holland
25	EVB 13.863	International Seeds, Inc.	60	Kenblue	-
26	Ram-1	Jacklin/Loft's Seed, Inc.	61	South Dakota Cert.	-
27	Belmont (798)	Loft's Seed, Inc.	62	Alene	Seeds, Inc.
28	Unknown	-			
29	ZPS-84-749	Zajac Performance Seeds			
30	Livingston	Turf-Seed, Inc.			
31	PST-C-391	Pure-Seed Testing, Inc.			
32	Voyager	Turf-Seed, Inc.			
33	PST-C-303	Pure-Seed Testing, Inc.			
34	Midnight	Turf-Seed, Inc.			
35	Unique (PST-C-76)	Turf-Seed, Inc.			

TABLE A.

1994 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1990 NATIONAL KENTUCKY BLUEGRASS TEST (LOW 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
DC1	-	-	-	-	-	-	-	-
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	0.0-1.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
ID3	SILT LOAM AND SILT	7.1-7.5	61-150	501+	0.0-1.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	NO IRRIGATION
MD1	SANDY LOAM	6.6-7.0	451+	0-150	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
MO3	SILTY CLAY LOAM	6.6-7.0	0-60	151-240	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
NE1	SILTY CLAY LOAM	6.6-7.0	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	271-450	241-375	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
NJ2	SILT LOAM AND SILT	5.6-6.0	151-270	151-240	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION
NY1	SILTY CLAY LOAM	5.6-6.0	-	-	-	FULL SUN	2.6-3.0	NO IRRIGATION
OR1	SILT LOAM AND SILT	5.6-6.0	151-270	241-375	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	4.6-5.5	61-150	151-240	0.0-1.0	FULL SUN	1.6-2.0	NO IRRIGATION
VA6	SANDY CLAY	6.6-7.0	151-270	151-240	2.1-3.0	FULL SUN	-	NO IRRIGATION
WA1	SILT LOAM AND SILT	6.1-6.5	271-450	501+	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1994

LOCATION	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR RATING	SPRING GREENUP RATING	LEAF TEXTURE RATING
DC1		X	X	X	X	X	X	X		X			
IA1			X	X	X	X	X	X					
ID3					X							X	
IL2			X	X	X	X	X						
MD1	X		X		X	X		X					
MO3		X	X	X	X	X	X	X	X	X	X	X	X
NE1		X	X	X	X	X	X				X	X	
NJ1			X	X	X	X	X	X					
NJ2			X		X	X		X					
NY1			X	X	X	X	X	X					
OR1		X	X							X			
RI1			X	X	X	X	X	X	X				
UB1		X	X	X	X	X	X	X	X			X	
VA6		X	X	X	X	X	X	X	X		X		
WA1		X		X		X							

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1994

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	LEAF SPOT RATING	RED THREAD RATING	BILLBUGS RATING	NECROTIC RING SPOT	STEMINES RATING
DC1												
IA1												
ID3		X					X				X	
IL2				X								
MD1												
MO3	X	X	X	X	X	X						
NE1												
NJ1							X					
NJ2					X					X		
NY1								X				
OR1												X
RI1												
UB1									X			
VA6												
WA1												

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
LOW MAINTENANCE AT FIFTEEN LOCATIONS IN THE UNITED STATES
1994 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/															
	DC1	IA1	ID3	IL2	MD1	MO3	NE1	NJ1	NJ2	NY1	OR1	RI1	UB1	VA6	WA1	MEAN
BAR VB 852	2.6	6.4	5.3	5.0	5.1	5.7	6.7	5.9	4.3	4.5	5.8	4.2	6.5	4.8	4.1	5.1
GEN-RSP	5.3	5.9	3.0	6.3	5.5	5.9	5.9	4.4	4.8	3.2	5.2	5.0	5.8	5.2	4.3	5.0
* MIDNIGHT	2.1	5.1	4.7	4.7	5.1	6.7	7.1	6.4	4.5	4.7	4.0	4.0	4.4	5.2	5.2	4.9
* RAM-1	1.7	5.2	6.7	5.3	4.8	5.8	5.8	5.4	5.2	4.3	3.4	4.0	6.2	6.0	3.7	4.9
* MONOPOLY	5.3	6.0	3.0	5.1	5.7	5.5	5.7	4.2	5.0	3.6	4.4	4.3	5.5	5.5	4.2	4.9
* SOPHIA	2.3	5.1	3.3	5.6	5.3	6.0	6.1	5.3	5.1	3.7	4.3	4.1	6.1	5.4	4.7	4.8
PST-YQ	2.3	5.9	4.7	5.2	5.3	5.4	5.9	4.8	3.8	4.1	4.3	3.9	5.1	5.8	4.3	4.7
* CALIBER (J-335)	2.9	5.3	3.3	5.3	5.3	6.1	6.2	4.3	4.3	3.6	4.3	3.9	5.6	5.5	4.8	4.7
* BARTITIA	1.8	4.3	7.0	5.5	4.8	6.2	6.1	5.5	3.3	4.3	3.4	3.4	4.3	5.8	4.7	4.7
* VOYAGER	3.7	5.3	3.7	5.0	5.3	5.5	5.8	4.8	4.5	3.4	3.9	4.6	4.9	5.3	4.9	4.7
* COBALT	2.2	4.9	4.7	4.5	5.0	5.8	5.6	5.6	4.3	4.4	4.7	4.3	4.3	5.5	4.6	4.7
* GNOME	2.2	5.1	5.3	6.1	4.9	6.1	5.9	4.4	5.2	3.6	2.9	3.8	4.3	5.7	4.4	4.7
* WASHINGTON	2.5	5.1	4.3	4.9	5.0	5.3	5.6	5.1	4.8	3.8	3.8	4.4	5.8	5.3	4.1	4.6
* NUSTAR	2.8	4.8	5.0	4.6	5.4	5.3	6.2	4.8	3.8	4.1	4.0	4.1	5.7	5.3	3.6	4.6
BA 74-017	2.4	4.8	5.3	5.1	4.8	5.7	5.9	5.3	4.6	3.3	3.4	4.2	4.1	5.5	5.0	4.6
ISI-21	4.0	6.0	2.7	6.0	5.3	5.9	6.1	5.0	4.0	3.9	3.4	3.0	5.0	5.3	3.9	4.6
BARCELONA (BAR VB 1184)	1.9	5.2	7.3	2.9	4.8	5.8	6.2	5.4	3.9	4.7	4.3	4.0	3.2	5.8	3.9	4.6
* UNIQUE (PST-C-76)	2.2	4.7	3.0	6.7	5.4	5.8	6.0	5.2	5.2	3.9	3.3	4.4	3.6	5.0	4.9	4.6
* BELMONT (798)	2.5	4.9	5.0	4.9	4.9	6.4	5.7	5.4	4.2	3.7	3.4	3.3	4.5	5.3	4.8	4.6
* ZPS-84-749	1.9	4.9	5.7	5.4	5.3	6.1	5.6	4.3	5.0	2.6	3.6	4.3	5.6	4.7	4.0	4.6
* MERIT	1.9	5.2	5.3	2.9	5.2	5.9	5.7	4.5	4.8	3.9	3.9	3.2	4.9	6.2	5.2	4.6
EVB 13.703	2.4	4.9	4.0	4.9	4.8	5.3	5.6	6.7	4.7	3.1	3.7	3.8	5.2	5.3	4.3	4.6
* BARON	1.7	5.7	6.0	3.7	4.8	5.9	5.8	4.8	4.6	3.8	3.1	3.2	3.7	6.3	5.1	4.6
* FREEDOM	3.5	5.3	3.7	3.4	5.0	5.3	5.9	4.9	4.3	4.5	4.7	3.1	4.6	6.0	4.2	4.6
* CYNTHIA	1.9	5.1	3.3	4.3	4.7	6.5	6.6	4.9	4.2	3.4	4.4	4.6	4.5	5.3	4.4	4.5
BARONIE (BAR VB 985)	3.0	5.6	5.3	4.3	4.9	5.3	6.0	5.1	4.0	3.3	3.6	3.4	4.0	5.5	4.7	4.5
* HAGA	3.1	5.1	4.7	4.5	5.5	6.1	6.1	4.0	3.7	3.3	4.2	3.5	4.6	5.3	4.3	4.5
BAR VB 1169	3.0	4.6	4.3	3.5	5.3	5.6	6.4	4.6	4.3	3.6	3.7	3.5	5.5	5.5	4.4	4.5
BARMAX (BAR VB 7037)	2.3	5.7	2.3	4.3	5.5	5.2	5.9	4.4	5.2	3.9	4.4	4.2	5.4	5.0	4.1	4.5
NJIC	2.6	4.8	2.7	4.8	5.3	5.8	5.7	4.9	4.4	3.4	4.2	4.2	5.5	5.2	4.4	4.5
* SR 2000	1.9	4.6	3.7	4.6	5.6	6.9	5.8	4.9	4.3	3.3	3.6	4.5	4.6	5.8	3.9	4.5
* LIVINGSTON	2.5	5.1	4.3	5.2	5.2	5.3	5.7	4.9	4.1	3.7	5.0	3.8	3.9	5.5	3.7	4.5
* MERION	3.0	4.6	4.3	5.3	4.7	5.1	5.7	5.1	3.8	3.3	4.2	3.9	4.9	5.6	4.0	4.5
NE 80-47	2.2	5.0	4.3	5.2	4.9	5.6	5.7	4.3	3.7	4.4	3.7	3.9	4.1	5.7	4.7	4.5
* NUBLUE (J-229)	2.5	5.6	6.3	4.9	4.8	5.3	5.8	4.2	3.9	3.3	3.8	3.6	3.2	5.0	4.8	4.5
* BRONCO	1.5	6.1	3.3	4.3	4.8	5.6	5.3	4.7	4.2	3.9	4.1	4.2	4.9	5.7	4.3	4.5
* OPAL	2.3	4.6	3.0	3.7	5.2	6.9	5.9	4.6	3.8	3.5	3.8	4.5	5.8	5.0	4.3	4.5
UNKNOWN	1.4	3.9	3.7	4.7	5.0	5.8	5.9	5.1	4.9	3.2	3.4	4.3	4.6	5.5	5.3	4.4
* DESTINY	2.5	5.3	5.7	3.9	4.8	5.9	5.4	5.4	4.2	4.3	3.4	3.4	3.8	4.8	3.8	4.4
* LIBERTY	2.6	5.3	5.7	4.5	5.0	5.3	5.7	5.3	4.3	2.8	3.7	3.0	3.2	5.8	4.2	4.4
* AMAZON	1.9	4.9	4.0	4.9	4.7	5.7	5.7	5.6	3.8	4.0	3.8	3.3	5.1	5.1	3.7	4.4
BARSWEET	2.0	4.4	2.7	5.6	5.1	6.1	6.5	5.3	3.3	3.8	4.7	2.8	4.3	5.4	4.2	4.4
* KYOSTI	1.8	4.8	3.7	4.5	4.7	5.6	5.7	4.8	3.9	3.8	3.1	4.0	4.2	6.3	5.1	4.4
J-386	3.4	4.8	2.7	3.7	5.2	5.2	5.6	3.7	4.7	4.0	3.6	4.7	5.5	5.2	4.0	4.4
* CREST	1.8	4.6	3.3	4.7	4.7	5.6	5.6	5.4	4.5	4.2	2.9	3.5	4.3	5.7	4.7	4.4

TABLE 1.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
LOW MAINTENANCE AT FIFTEEN LOCATIONS IN THE UNITED STATES
1994 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF															
	DC1	IA1	ID3	IL2	MD1	MO3	NE1	NJ1	NJ2	NY1	OR1	RI1	UB1	VA6	WA1	MEAN
PST-C-391	3.1	5.8	2.3	4.7	4.9	4.8	6.1	4.4	3.9	3.5	4.7	3.8	3.9	5.3	3.9	4.3
EVB 13.863	2.3	5.1	5.3	2.8	5.0	5.3	5.8	4.9	3.8	3.8	3.6	4.1	4.8	4.7	3.8	4.3
* FORTUNA	2.0	4.2	5.0	4.2	4.8	6.1	5.9	4.0	4.8	3.3	3.1	3.8	4.2	4.5	5.0	4.3
* CHELSEA	2.4	4.9	4.3	5.1	4.6	5.1	5.8	3.2	4.3	4.0	3.8	4.0	4.0	5.5	3.7	4.3
* MIRACLE	1.9	5.1	6.3	4.5	4.3	5.2	5.6	4.2	3.7	3.4	4.0	3.7	3.7	4.3	5.0	4.3
PST-C-303	2.9	5.3	2.7	3.7	5.0	5.2	6.1	4.7	4.1	3.4	3.7	3.1	3.9	4.6	4.6	4.2
KWS PP 13-2	2.4	4.5	4.7	4.9	4.4	4.7	5.5	3.5	3.9	3.9	4.0	3.5	3.2	5.0	4.3	4.2
* BARZAN	3.0	5.2	2.7	4.1	4.5	5.8	5.6	3.7	4.7	2.8	4.4	4.3	3.5	4.5	3.4	4.1
* SUFFOLK	2.5	5.6	2.3	4.3	4.9	5.5	5.8	4.2	3.4	3.5	3.9	3.7	3.3	4.4	4.6	4.1
* BANJO (H76-1034)	2.3	5.4	3.7	3.9	4.8	5.2	5.4	4.2	3.8	3.1	3.8	3.6	4.1	4.3	4.0	4.1
* PARK	1.7	5.4	2.0	4.6	4.6	5.0	5.4	3.4	4.5	3.3	2.9	4.4	5.3	4.8	4.0	4.1
* ALENE	1.6	5.1	2.3	4.3	5.3	5.1	5.9	3.0	3.7	3.3	3.2	3.9	5.1	4.3	4.3	4.0
* KENBLUE	3.0	4.6	1.7	4.8	5.1	5.7	5.5	2.9	4.0	2.6	3.2	3.8	4.8	3.9	3.7	4.0
PST-A7-111	1.5	5.2	3.0	4.1	4.7	5.1	5.7	3.4	2.8	3.0	3.1	3.6	5.1	4.8	4.1	3.9
BA 78-376	1.4	5.5	2.0	4.7	4.1	4.3	6.4	3.1	3.8	2.9	2.8	3.8	5.0	4.2	4.1	3.9
* SOUTH DAKOTA CERT.	1.8	5.4	2.3	3.5	4.8	5.4	5.2	3.0	3.9	2.8	3.0	4.1	4.8	3.9	4.0	3.9
MINNFINE (MN 2405)	1.8	5.4	1.0	4.3	4.6	5.3	5.4	2.8	3.3	2.4	3.7	3.8	4.8	4.2	3.7	3.8
LSD VALUE	0.9	1.2	2.2	2.0	1.0	0.8	0.7	1.0	1.0	1.2	1.4	0.8	1.3	1.1	0.9	0.3

* COMMERCIALY AVAILABLE IN THE USA IN 1995.

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 LOW MAINTENANCE AT FIFTEEN LOCATIONS IN THE UNITED STATES 1994 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/											
NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BAR VB 852	4.3	4.9	5.6	5.2	5.1	5.1	5.3	4.8	5.6	4.1	5.1
GEN-RSP	5.0	5.2	5.1	4.7	4.8	5.6	5.6	5.5	6.0	5.1	5.0
MIDNIGHT	4.7	4.1	4.8	5.0	5.0	5.2	5.1	5.1	5.8	3.9	4.9
RAM-1	4.0	3.9	4.8	5.1	4.9	4.9	4.9	5.4	5.9	3.7	4.9
MONOPOLY	5.0	5.0	5.1	4.9	5.0	5.0	5.4	5.0	5.5	4.2	4.9
SOPHIA	4.3	4.4	4.8	5.0	4.8	5.2	5.1	5.1	5.6	3.8	4.8
PST-YQ	4.7	4.8	4.9	4.6	4.7	4.6	4.8	4.9	5.5	3.7	4.7
CALIBER (J-335)	4.7	4.9	5.0	5.0	4.5	4.9	5.1	4.5	5.3	4.3	4.7
BARTITIA	4.0	4.0	4.7	4.9	5.0	4.5	4.7	4.4	5.0	3.3	4.7
VOYAGER	4.7	4.8	4.8	4.4	4.7	4.9	5.0	4.9	5.0	4.7	4.7
COBALT	4.7	4.4	4.9	4.6	4.6	4.6	4.9	4.9	5.3	3.3	4.7
GNOME	3.7	4.1	4.5	4.5	5.0	4.9	4.8	4.9	5.1	3.1	4.7
WASHINGTON	4.3	4.3	4.7	4.5	4.9	4.8	5.1	4.7	5.3	3.3	4.6
NUSTAR	4.7	4.3	4.7	4.7	4.7	4.9	4.7	4.7	5.3	3.8	4.6
BA 74-017	4.0	4.2	4.5	4.7	4.9	4.8	4.8	4.5	4.9	3.4	4.6
ISI-21	4.7	4.7	4.8	4.7	4.4	5.0	5.3	5.1	4.8	4.4	4.6
BARCELONA (BAR VB 1184)	3.7	3.6	4.5	4.8	4.8	4.3	4.6	4.7	5.3	3.6	4.6
UNIQUE (PST-C-76)	4.7	4.2	4.8	4.4	4.8	4.7	4.9	4.8	5.2	3.3	4.6
BELMONT (798)	4.7	4.5	5.0	4.5	4.2	4.4	4.9	4.8	4.9	4.1	4.6
ZPS-84-749	5.3	4.1	4.4	4.3	4.6	4.8	4.8	4.6	5.3	3.9	4.6
MERIT	4.7	4.5	4.4	4.5	4.8	4.7	4.6	4.5	5.2	3.6	4.6
EVB 13.703	3.7	4.5	5.0	4.8	4.6	4.4	4.6	4.8	5.0	3.1	4.6
BARON	4.3	4.1	4.2	4.5	4.6	4.6	4.6	4.8	5.0	3.2	4.6
FREEDOM	4.3	4.9	5.1	4.6	4.2	4.4	4.7	4.9	5.0	4.2	4.6
CYNTHIA	4.0	4.3	4.4	4.7	4.5	4.9	4.8	4.6	5.9	4.3	4.5
BARONIE (BAR VB 985)	4.3	4.5	4.9	4.3	4.1	4.4	4.6	4.7	4.8	3.8	4.5
HAGA	5.0	4.5	4.8	4.5	4.2	4.5	4.6	4.5	5.4	4.1	4.5
BAR VB 1169	4.7	4.2	4.9	4.5	4.4	4.5	4.6	4.9	5.3	3.7	4.5
BARMAX (BAR VB 7037)	4.7	4.7	4.9	4.8	4.5	4.5	4.7	4.4	5.0	3.9	4.5
NJIC	4.7	4.3	4.5	4.1	4.3	4.7	5.3	5.1	5.7	4.6	4.5
SR 2000	5.0	4.6	4.7	4.6	4.3	4.4	4.8	4.9	5.8	3.7	4.5
LIVINGSTON	4.7	4.2	4.8	4.4	4.3	4.4	4.8	4.5	5.0	4.3	4.5
MERION	3.7	4.5	4.6	4.3	4.7	4.7	4.9	4.3	5.2	3.8	4.5
NE 80-47	4.3	4.6	4.8	4.5	4.2	4.4	4.8	4.7	5.0	3.4	4.5
NUBLUE (J-229)	3.7	4.0	4.2	4.5	4.5	4.4	4.5	4.1	4.6	3.6	4.5
BRONCO	3.7	4.3	4.6	4.5	4.5	4.6	4.6	4.9	5.3	3.4	4.5
OPAL	4.3	4.2	4.6	5.1	4.5	4.7	4.7	4.6	5.7	3.8	4.5
UNKNOWN	4.3	4.1	4.2	4.3	4.4	4.8	4.6	4.6	5.4	3.6	4.4
DESTINY	4.7	3.8	4.3	4.4	4.5	4.5	4.6	4.6	4.8	3.9	4.4
LIBERTY	4.3	4.2	4.5	4.5	4.5	4.3	4.6	4.1	4.3	3.3	4.4
AMAZON	3.0	3.9	4.5	4.8	4.6	4.6	4.4	4.5	5.2	3.7	4.4
BARSWEEP	4.3	3.9	4.7	5.0	4.6	4.6	4.5	4.1	4.7	3.6	4.4
KYOSTI	4.3	4.4	4.4	4.7	4.5	4.5	4.6	4.4	5.0	3.1	4.4
J-386	4.3	4.2	4.5	4.3	4.3	4.8	4.7	4.8	5.8	4.1	4.4
CREST	3.7	4.0	4.3	4.4	4.6	4.7	4.7	4.6	5.1	3.2	4.4

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH
GROWN UNDER LOW MAINTENANCE AT FIFTEEN LOCATIONS IN THE UNITED STATES
1994 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS										MEAN
	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-C-391	4.7	4.5	4.9	4.1	3.9	4.4	4.8	4.6	4.7	4.2	4.3
EVB 13.863	4.3	3.9	4.3	4.7	4.4	4.3	4.3	4.4	5.2	3.8	4.3
FORTUNA	4.0	4.0	4.1	4.2	4.3	4.5	4.5	4.3	4.9	3.4	4.3
CHELSEA	3.7	3.9	4.4	4.6	4.5	4.4	4.3	4.5	4.8	3.2	4.3
MIRACLE	2.7	3.9	4.3	4.2	3.9	4.0	4.3	4.4	4.4	3.6	4.3
PST-C-303	4.7	4.2	4.4	4.0	4.0	4.2	4.6	4.6	4.7	3.8	4.2
KWS PP 13-2	3.7	4.0	4.3	4.1	3.9	4.1	4.2	4.2	4.3	3.6	4.2
BARZAN	3.7	3.7	3.9	3.7	4.5	4.6	4.6	4.5	4.8	4.0	4.1
SUFFOLK	4.3	4.0	4.5	4.1	3.8	4.2	4.5	4.4	4.3	3.7	4.1
BANJO (H76-1034)	4.3	3.9	4.2	3.8	4.0	4.3	4.3	4.5	4.5	3.8	4.1
PARK	3.3	3.8	4.0	4.2	4.4	4.7	4.5	4.2	5.0	2.9	4.1
ALENE	4.3	3.8	3.9	4.0	3.9	4.5	4.4	4.4	5.0	3.1	4.0
KENBLUE	4.3	3.6	3.7	4.1	3.9	4.5	4.5	4.4	4.6	4.1	4.0
PST-A7-111	3.3	4.0	3.9	4.1	3.7	4.4	4.4	3.7	4.5	3.3	3.9
BA 78-376	2.7	3.6	3.7	3.8	4.1	4.5	4.4	4.1	4.5	2.8	3.9
SOUTH DAKOTA CERT.	4.0	3.6	3.9	3.6	3.9	4.3	4.1	4.3	4.9	3.1	3.9
MINNFINE (MN 2405)	3.7	3.6	3.5	3.6	4.0	4.4	4.3	4.0	4.8	3.6	3.8
LSD VALUE	1.7	0.9	0.7	0.7	0.7	0.7	0.8	0.8	1.0	1.4	0.5

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

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN
UNDER LOW MAINTENANCE AT FIFTEEN LOCATIONS IN THE UNITED STATES 1/
1994 DATA

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

NAME	DC1	IA1	ID3	IL2	MD1	MO3	NE1	NJ1	NJ2	NY1	OR1	RI1	UB1	VA6	WA1	MEAN
BAR VB 852	18.5	1.0	12.5	18.5	22.5	26.5	2.0	3.0	24.0	3.5	1.0	15.5	1.0	46.0	40.5	1
GEN-RSP	1.0	6.0	45.0	2.0	4.0	14.5	20.0	40.0	11.5	51.5	2.0	1.0	5.0	38.5	29.5	2
MIDNIGHT	40.0	34.5	21.0	29.5	22.5	3.0	1.0	2.0	19.5	2.0	21.5	28.0	37.0	36.5	2.5	3
RAM-1	56.5	26.5	3.0	10.5	41.0	19.0	34.5	7.0	2.5	8.5	46.5	25.0	2.0	4.0	57.5	4
MONOPOLY	2.0	3.5	45.0	17.0	1.0	36.5	38.0	47.5	6.5	32.5	10.5	13.5	12.0	23.5	35.0	5
SOPHIA	34.5	34.5	40.0	5.5	14.0	13.0	12.5	12.5	5.0	27.0	13.5	21.0	3.0	26.0	16.0	6
PST-YQ	32.0	5.0	21.0	13.0	9.5	38.0	20.0	29.0	51.5	11.0	13.5	30.5	17.0	9.5	29.5	7
CALIBER (J-335)	14.0	22.0	40.0	10.5	9.5	10.5	7.5	43.0	24.0	32.5	13.5	30.5	8.5	21.5	12.0	8
BARTITIA	53.5	60.0	2.0	7.0	41.0	6.0	15.0	6.0	59.5	7.0	50.0	53.0	38.5	6.0	16.0	9
VOYAGER	4.0	19.0	34.5	18.5	14.0	36.5	30.0	31.0	19.5	40.5	26.0	4.0	25.0	32.0	10.0	10
COBALT	37.5	45.0	21.0	39.5	28.0	20.5	52.0	5.0	28.0	5.5	5.5	11.0	40.5	18.0	19.5	11
GNOME	37.5	31.0	12.5	3.0	34.5	7.5	18.0	41.0	2.5	31.0	60.5	35.5	42.0	11.5	24.0	12
WASHINGTON	21.5	37.0	26.5	22.5	28.0	41.0	52.0	18.5	11.5	25.5	28.0	8.0	6.0	32.0	40.5	13
NUSTAR	16.0	46.0	17.0	35.0	6.5	48.5	7.5	31.0	47.5	12.0	21.5	22.5	7.0	28.0	61.0	14
BA 74-017	28.0	49.5	12.5	15.5	41.0	28.5	24.0	14.5	16.5	49.5	46.5	15.5	45.5	18.0	7.0	15
ISI-21	3.0	3.5	50.5	4.0	9.5	16.0	12.5	21.0	38.0	20.0	46.5	61.0	22.0	32.0	51.0	16
BARCELONA (BAR VB 1184)	45.0	24.0	1.0	60.5	47.0	24.5	9.0	9.0	42.5	1.0	13.5	27.0	61.0	9.5	49.0	17
UNIQUE (PST-C-76)	37.5	51.0	45.0	1.0	6.5	24.5	16.5	16.0	2.5	17.5	51.0	8.0	56.0	44.0	9.0	18
BELMONT (798)	21.5	41.0	17.0	24.5	34.5	5.0	42.0	11.0	32.5	28.5	46.5	54.5	35.5	28.0	12.0	19
ZPS-84-749	48.5	43.0	8.0	8.0	14.0	10.5	48.5	42.0	6.5	60.5	41.5	13.5	8.5	50.5	45.0	20
MERIT	45.0	26.5	12.5	60.5	18.5	17.5	38.0	37.0	9.5	17.5	24.5	57.0	23.0	3.0	2.5	21
EVB 13.703	28.0	43.0	30.5	20.5	47.0	44.5	48.5	1.0	14.0	54.0	36.0	40.0	16.0	32.0	29.5	22
BARON	55.0	8.0	6.0	54.0	41.0	17.5	30.0	28.0	16.5	23.0	57.0	56.0	54.0	2.0	4.5	23
FREEDOM	5.0	19.0	34.5	59.0	28.0	44.5	24.0	22.0	28.0	3.5	5.5	58.5	33.0	5.0	35.0	24
CYNTHIA	45.0	31.0	40.0	46.5	52.5	4.0	3.0	27.0	32.5	37.5	10.5	3.0	35.5	32.0	24.0	25
BARONIE (BAR VB 985)	12.0	12.0	12.5	43.0	34.5	48.5	16.5	18.5	38.0	44.5	39.0	51.5	49.0	18.0	16.0	26
HAGA	7.0	34.5	21.0	38.0	4.0	10.5	12.5	50.5	55.5	44.5	17.0	48.5	31.5	28.0	29.5	27
BAR VB 1169	9.5	55.5	26.5	58.0	9.5	32.0	5.0	35.0	28.0	30.0	36.0	48.5	10.5	23.5	24.0	28
BARMAX (BAR VB 7037)	34.5	9.0	56.0	43.0	4.0	53.5	20.0	38.0	2.5	20.0	8.5	18.0	14.0	41.5	40.5	29
NJIC	18.5	49.5	50.5	26.5	14.0	22.5	38.0	25.5	22.0	40.5	17.0	18.0	10.5	38.5	22.0	30
SR 2000	48.5	52.5	34.5	33.5	2.0	2.0	30.0	24.0	28.0	44.5	41.5	6.0	34.0	7.5	51.0	31
LIVINGSTON	24.0	34.5	26.5	13.0	18.5	47.0	42.0	23.0	35.5	28.5	3.0	40.0	50.5	21.5	57.5	32
MERION	12.0	55.5	26.5	9.0	52.5	56.0	45.0	17.0	47.5	44.5	17.0	29.0	25.0	15.0	48.0	33
NE 80-47	37.5	39.0	26.5	13.0	34.5	33.0	42.0	44.0	55.5	5.5	33.0	33.0	47.0	13.5	16.0	34
NUBLUE (J-229)	24.0	10.5	4.5	20.5	41.0	44.5	33.0	47.5	42.5	48.0	31.0	44.5	59.0	44.0	12.0	35
BRONCO	59.5	2.0	40.0	43.0	47.0	31.0	61.0	33.5	32.5	20.0	19.0	18.0	25.0	11.5	29.5	36
OPAL	32.0	52.5	45.0	55.5	18.5	1.0	24.0	36.0	51.5	35.0	28.0	5.0	4.0	44.0	29.5	37
UNKNOWN	61.5	62.0	34.5	32.0	28.0	22.5	24.0	20.0	8.0	51.5	46.5	11.0	31.5	18.0	1.0	38
DESTINY	20.0	22.0	8.0	52.0	47.0	14.5	59.0	9.0	32.5	8.5	46.5	51.5	53.0	47.0	53.5	39
LIBERTY	17.0	19.0	8.0	36.0	28.0	41.0	38.0	14.5	28.0	59.0	36.0	60.0	61.0	7.5	37.0	40
AMAZON	45.0	43.0	30.5	24.5	52.5	28.5	38.0	4.0	51.5	14.0	31.0	54.5	18.5	40.0	57.5	41
BARSWEET	41.0	59.0	50.5	5.5	22.5	10.5	4.0	12.5	61.0	25.5	5.5	62.0	40.5	25.0	35.0	42
KYOSTI	53.5	47.5	34.5	37.0	52.5	34.0	45.0	31.0	42.5	23.0	55.0	25.0	43.5	1.0	4.5	43
J-386	6.0	47.5	50.5	53.0	18.5	51.0	48.5	53.0	14.0	14.0	41.5	2.0	13.0	36.5	45.0	44
CREST	51.0	55.5	40.0	29.5	52.5	30.0	48.5	9.0	19.5	10.0	59.0	47.0	38.5	13.5	16.0	45

TABLE 3.
(CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN
UNDER LOW MAINTENANCE AT FIFTEEN LOCATIONS IN THE UNITED STATES
1994 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	DC1	IA1	ID3	IL2	MD1	MO3	NE1	NJ1	NJ2	NY1	OR1	RI1	UB1	VA6	WA1	MEAN
PST-C-391	8.0	7.0	56.0	29.5	34.5	60.0	10.0	39.0	42.5	35.0	5.5	40.0	50.5	35.0	51.0	46
EVB 13.863	32.0	29.0	12.5	62.0	28.0	44.5	30.0	25.5	51.5	23.0	41.5	22.5	27.5	50.5	53.5	47
FORTUNA	42.0	61.0	17.0	48.0	47.0	7.5	27.0	50.5	9.5	49.5	55.0	35.5	43.5	53.5	7.0	48
CHELSEA	28.0	40.0	26.5	15.5	57.0	57.0	34.5	57.0	24.0	14.0	31.0	25.0	48.0	18.0	57.5	49
MIRACLE	45.0	38.0	4.5	39.5	61.0	53.5	52.0	47.5	55.5	39.0	21.5	42.0	55.0	56.0	7.0	50
PST-C-303	15.0	22.0	50.5	55.5	28.0	51.0	12.5	33.5	35.5	37.5	36.0	58.5	52.0	52.0	21.0	51
KWS PP 13-2	26.0	58.0	21.0	22.5	60.0	61.0	55.5	54.0	42.5	16.0	21.5	50.0	61.0	41.5	29.5	52
BARZAN	12.0	26.5	50.5	49.5	59.0	20.5	54.0	52.0	14.0	57.5	8.5	11.0	57.0	53.5	62.0	53
SUFFOLK	24.0	10.5	56.0	46.5	34.5	35.0	30.0	45.0	58.0	35.0	24.5	43.0	58.0	55.0	19.5	54
BANJO (H76-1034)	30.0	16.5	34.5	51.0	41.0	51.0	57.5	47.5	47.5	53.0	28.0	46.0	45.5	57.5	45.0	55
PARK	56.5	15.0	59.5	33.5	57.0	59.0	57.5	56.0	19.5	44.5	60.5	8.0	15.0	48.5	45.0	56
ALENE	58.0	31.0	56.0	43.0	14.0	55.0	24.0	59.5	55.5	44.5	52.5	32.0	18.5	57.5	29.5	57
KENBLUE	9.5	55.5	61.0	26.5	22.5	26.5	55.5	61.0	38.0	60.5	52.5	38.0	27.5	61.5	57.5	58
PST-A7-111	59.5	26.5	45.0	49.5	52.5	58.0	45.0	55.0	62.0	55.0	55.0	44.5	20.0	48.5	40.5	59
BA 78-376	61.5	13.0	59.5	29.5	62.0	62.0	6.0	58.0	47.5	56.0	62.0	35.5	21.0	59.0	38.0	60
SOUTH DAKOTA CERT.	51.0	14.0	56.0	57.0	41.0	39.0	62.0	59.5	42.5	57.5	58.0	20.0	29.5	61.5	45.0	61
MINNFINE (MN 2405)	51.0	16.5	62.0	43.0	57.0	41.0	60.0	62.0	59.5	62.0	36.0	35.5	29.5	60.0	57.5	62

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
GROWN UNDER LOW MAINTENANCE
1994 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/				
NAME	MO3	NE1	VA6	MEAN
SR 2000	7.7	7.3	7.0	7.3
OPAL	8.7	6.7	6.3	7.2
BELMONT (798)	7.3	7.0	6.7	7.0
MIDNIGHT	6.3	8.0	6.7	7.0
BARSWHEET	7.0	7.0	6.3	6.8
COBALT	7.3	6.7	6.3	6.8
CREST	7.7	6.3	6.3	6.8
FORTUNA	7.0	7.0	6.3	6.8
GNOME	7.3	6.3	6.7	6.8
BARON	6.7	6.3	7.0	6.7
MERIT	6.3	6.7	7.0	6.7
UNKNOWN	7.0	6.3	6.7	6.7
DESTINY	6.7	6.7	6.3	6.6
BA 74-017	7.3	6.0	6.0	6.4
BARTITIA	7.0	7.0	5.3	6.4
CALIBER (J-335)	6.3	6.7	6.3	6.4
EV8 13.703	7.3	5.7	6.3	6.4
SOPHIA	7.7	6.0	5.3	6.3
CYNTHIA	7.3	6.7	4.7	6.2
NE 80-47	6.7	6.7	5.3	6.2
RAM-1	7.0	6.3	5.3	6.2
UNIQUE (PST-C-76)	5.3	7.0	6.3	6.2
BAR VB 1169	6.0	6.7	5.7	6.1
BARONIE (BAR VB 985)	5.7	6.3	6.3	6.1
BRONCO	6.0	6.0	6.3	6.1
FREEDOM	6.0	6.0	6.3	6.1
KYOSTI	6.3	5.7	6.3	6.1
LIVINGSTON	6.0	6.3	6.0	6.1
AMAZON	6.7	6.0	5.3	6.0
BARMAX (BAR VB 7037)	5.7	6.0	6.3	6.0
MIRACLE	6.7	6.3	5.0	6.0
SUFFOLK	6.7	6.3	5.0	6.0
ZES-84-749	7.7	6.0	4.3	6.0
LIBERTY	6.3	6.3	5.0	5.9
PST-C-303	6.0	6.7	4.7	5.8
HAGA	6.3	6.0	5.0	5.8
J-386	7.0	5.3	5.0	5.8
MINNFINE (MN 2405)	6.3	6.0	5.0	5.8
BARCELONA (BAR VB 1184)	6.0	6.3	4.7	5.7
BARZAN	6.0	6.0	5.0	5.7
ISI-21	6.3	5.7	5.0	5.7
KWS PP 13-2	6.0	5.7	5.3	5.7
MERION	6.7	5.7	4.7	5.7
NUBLUE (J-229)	6.0	6.0	5.0	5.7
NUSTAR	5.7	6.0	5.3	5.7

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN				
NAME	MO3	NE1	VA6	MEAN
PST-C-391	5.0	6.0	6.0	5.7
PST-YQ	6.0	5.3	5.3	5.6
PST-A7-111	6.7	6.0	3.7	5.4
KENBLUE	7.7	5.3	3.3	5.4
EV8 13.863	5.3	6.0	4.7	5.3
WASHINGTON	6.3	5.3	4.3	5.3
BA 78-376	6.0	5.0	4.7	5.2
MONOPOLY	5.0	5.7	5.0	5.2
GEN-RSP	6.0	5.3	4.0	5.1
NJIC	5.3	5.7	4.3	5.1
ALENE	6.7	5.0	3.3	5.0
BANJO (H76-1034)	6.7	4.7	3.7	5.0
BAR VB 852	5.3	4.7	5.0	5.0
CHELSEA	5.7	5.3	4.0	5.0
SOUTH DAKOTA CERT.	6.7	4.0	4.0	4.9
VOYAGER	5.0	5.0	4.7	4.9
PARK	5.3	4.7	3.7	4.6
LSD VALUE	1.4	0.9	1.2	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
GROWN UNDER LOW MAINTENANCE
1994 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 1/					
NAME	ID3	MO3	NE1	UB1	MEAN
ZPS-84-749	5.0	7.0	5.7	6.3	6.0
GEN-RSP	3.7	6.3	6.3	6.0	5.6
NJIC	3.7	5.7	7.3	4.7	5.3
BAR VB 1169	6.3	5.7	5.0	4.0	5.3
DESTINY	5.3	5.7	5.7	4.0	5.2
HAGA	4.7	5.7	5.3	5.0	5.2
NUBLUE (J-229)	5.7	5.0	5.3	4.7	5.2
SR 2000	3.3	7.3	6.0	4.0	5.2
NE 80-47	4.0	6.0	6.0	4.5	5.1
PARK	3.3	4.3	6.7	6.0	5.1
BARONIE (BAR VB 985)	5.0	5.0	5.7	4.0	4.9
MERION	4.7	5.7	6.0	3.3	4.9
MERIT	5.3	5.7	5.7	3.0	4.9
MIRACLE	6.0	5.3	5.3	3.0	4.9
BARON	5.7	5.0	6.0	2.7	4.8
CHELSEA	4.7	5.0	6.0	3.7	4.8
COBALT	4.7	5.3	5.7	3.7	4.8
BANJO (H76-1034)	3.0	5.3	6.3	4.7	4.8
BARMAX (BAR VB 7037)	7.0	5.3	4.7	2.3	4.8
PST-YQ	4.3	5.0	6.0	4.0	4.8
BELMONT (798)	4.3	6.3	5.3	3.0	4.8
ISI-21	3.0	6.3	6.0	3.7	4.8
PST-C-391	3.0	5.3	6.0	4.7	4.8
VOYAGER	3.7	5.0	6.3	4.0	4.8
BAR VB 852	4.7	6.3	4.7	3.0	4.7
FREEDOM	3.3	5.0	5.7	4.7	4.7
KWS PP 13-2	4.3	4.7	5.7	4.0	4.7
LIBERTY	4.7	5.0	5.0	4.0	4.7
EVB 13.863	5.3	5.3	4.7	3.3	4.7
WASHINGTON	4.3	5.0	6.0	3.3	4.7
UNIQUE (PST-C-76)	3.7	6.7	5.3	2.7	4.6
ALENE	3.7	5.0	5.7	4.0	4.6
BA 78-376	3.7	3.7	5.3	5.7	4.6
KENBLUE	2.3	7.3	5.3	3.3	4.6
RAM-1	3.3	5.3	5.3	4.3	4.6
EVB 13.703	3.3	5.3	5.0	4.3	4.5
MIDNIGHT	3.7	6.7	5.7	2.0	4.5
PST-A7-111	4.0	4.3	5.7	4.0	4.5
PST-C-303	2.3	5.0	5.7	5.0	4.5
J-386	3.7	5.3	6.0	2.7	4.4
SOUTH DAKOTA CERT.	2.7	5.7	5.3	4.0	4.4
AMAZON	3.7	6.0	4.7	2.7	4.3
OPAL	5.3	5.0	3.7	3.0	4.3
SUFFOLK	2.0	4.3	5.3	5.3	4.3
BARCELONA (BAR VB 1184)	3.7	4.3	5.7	3.0	4.2

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN					
NAME	ID3	MO3	NE1	UB1	MEAN
FORTUNA	4.0	4.3	5.7	2.7	4.2
GNOME	4.0	5.0	5.0	2.7	4.2
KYOSTI	3.7	4.7	5.7	2.7	4.2
CALIBER (J-335)	3.7	5.3	4.3	3.3	4.2
MINNFINE (MN 2405)	3.3	5.7	4.3	3.3	4.2
MONOPOLY	3.3	5.3	5.0	3.0	4.2
UNKNOWN	4.3	4.3	5.7	2.3	4.2
CREST	4.0	4.7	5.7	2.0	4.1
BA 74-017	4.7	5.0	4.3	2.3	4.1
LIVINGSTON	2.7	4.3	5.7	3.5	4.0
CYNTHIA	4.7	5.3	3.7	2.3	4.0
SOPHIA	3.0	6.0	4.7	2.0	3.9
BARTITIA	4.7	4.3	4.3	2.3	3.9
NUSTAR	3.7	4.3	5.3	2.0	3.8
BRONCO	2.3	5.0	5.0	2.7	3.8
BARSWEEP	2.0	5.7	4.0	2.7	3.6
BARZAN	1.0	4.7	4.7	2.3	3.2
LSD VALUE	2.1	1.3	1.5	1.0	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
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	MO3
MINNFINE (MN 2405)	9.0
KENBLUE	8.0
ZPS-84-749	7.7
CYNTHIA	7.0
PST-A7-111	7.0
BAR VB 852	6.7
GEN-RSP	6.7
SOUTH DAKOTA CERT.	6.7
BA 78-376	6.3
BARMAX (BAR VB 7037)	6.3
PARK	6.3
VOYAGER	6.3
WASHINGTON	6.3
ALENE	6.0
BARONIE (BAR VB 985)	6.0
CHELSEA	6.0
J-386	6.0
MIDNIGHT	6.0
NUBLUE (J-229)	6.0
OPAL	6.0
PST-C-303	6.0
AMAZON	5.7
DESTINY	5.7
EVB 13.863	5.7
FREEDOM	5.7
ISI-21	5.7
KYOSTI	5.7
NE 80-47	5.7
NJIC	5.7
BANJO (H76-1034)	5.3
BAR VB 1169	5.3
BARCELONA (BAR VB 1184)	5.3
BARTITIA	5.3
BARZAN	5.3
CALIBER (J-335)	5.3
EVB 13.703	5.3
HAGA	5.3
KWS PP 13-2	5.3
LIBERTY	5.3
NUSTAR	5.3
PST-C-391	5.3
PST-YQ	5.3
RAM-1	5.3
SUFFOLK	5.3
UNIQUE (PST-C-76)	5.3

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	MO3
BARSWEEP	5.0
COBALT	5.0
MERION	5.0
BA 74-017	4.7
BARON	4.7
FORTUNA	4.7
GNOME	4.7
LIVINGSTON	4.7
MIRACLE	4.7
MONOPOLY	4.7
SOPHIA	4.7
SR 2000	4.7
MERIT	4.3
UNKNOWN	4.3
BELMONT (798)	4.0
BRONCO	4.0
CREST	4.0
LSD VALUE	1.3

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

TABLE 7. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	MO3
CYNTHIA	8.7
MIDNIGHT	8.7
SR 2000	8.7
BARCELONA (BAR VB 1184)	8.3
BARSWEET	8.3
BARTITIA	8.3
BARZAN	8.3
EVB 13.863	8.3
ISI-21	8.3
LIVINGSTON	8.3
UNIQUE (PST-C-76)	8.3
VOYAGER	8.3
ZPS-84-749	8.3
BAR VB 1169	8.0
BAR VB 852	8.0
MIRACLE	8.0
NUBLUE (J-229)	8.0
OPAL	8.0
RAM-1	8.0
SOPHIA	8.0
WASHINGTON	8.0
ALENE	7.7
AMAZON	7.7
BELMONT (798)	7.7
COBALT	7.7
DESTINY	7.7
FORTUNA	7.7
FREEDOM	7.7
GNOME	7.7
MINNFINE (MN 2405)	7.7
NJIC	7.7
PST-A7-111	7.7
PST-YQ	7.7
UNKNOWN	7.7
BA 74-017	7.3
BARMAX (BAR VB 7037)	7.3
BARON	7.3
BRONCO	7.3
CALIBER (J-335)	7.3
CHELSEA	7.3
CREST	7.3
GEN-RSP	7.3
KYOSTI	7.3
LIBERTY	7.3
MERION	7.3

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MO3
MERIT	7.3
MONOPOLY	7.3
NE 80-47	7.3
PST-C-303	7.3
SOUTH DAKOTA CERT.	7.3
BANJO (H76-1034)	7.0
BARONIE (BAR VB 985)	7.0
HAGA	7.0
J-386	7.0
KWS PP 13-2	7.0
NUSTAR	7.0
PARK	7.0
PST-C-391	7.0
EVB 13.703	6.7
KENBLUE	6.7
BA 78-376	6.3
SUFFOLK	6.3
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 8. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/			
NAME	ID3	MO3	MEAN
BARTITIA	7.0	6.0	6.5
BARCELONA (BAR VB 1184)	7.0	5.7	6.3
BAR VB 852	6.3	6.3	6.3
EVB 13.863	7.3	5.0	6.2
MIRACLE	8.0	4.3	6.2
RAM-1	7.0	5.0	6.0
BARMAX (BAR VB 7037)	6.7	5.0	5.8
BARONIE (BAR VB 985)	5.7	6.0	5.8
GEN-RSP	5.0	6.7	5.8
PST-YQ	5.7	5.7	5.7
BAR VB 1169	6.0	5.3	5.7
FORTUNA	5.3	6.0	5.7
GNOME	6.0	5.3	5.7
BARON	6.0	5.0	5.5
LIBERTY	6.0	5.0	5.5
MERION	5.7	5.3	5.5
OPAL	5.0	6.0	5.5
VOYAGER	5.0	6.0	5.5
ZPS-84-749	5.7	5.0	5.3
CALIBER (J-335)	5.3	5.3	5.3
MERIT	5.3	5.3	5.3
COBALT	4.7	5.7	5.2
NUBLUE (J-229)	5.7	4.7	5.2
NUSTAR	5.7	4.7	5.2
UNKNOWN	4.7	5.7	5.2
BA 74-017	5.0	5.3	5.2
BELMONT (798)	5.0	5.3	5.2
HAGA	5.3	5.0	5.2
BARSWEET	4.7	5.3	5.0
DESTINY	4.7	5.3	5.0
ISI-21	3.0	7.0	5.0
KWS PP 13-2	5.3	4.7	5.0
MIDNIGHT	4.0	6.0	5.0
NE 80-47	5.0	5.0	5.0
NJIC	4.0	6.0	5.0
AMAZON	4.7	5.0	4.8
CHELSEA	5.0	4.7	4.8
KYOSTI	5.0	4.7	4.8
SOPHIA	5.0	4.7	4.8
CYNTHIA	4.3	5.3	4.8
EVB 13.703	4.7	4.7	4.7
WASHINGTON	4.7	4.7	4.7
LIVINGSTON	4.0	5.3	4.7
ALENE	4.0	5.0	4.5
BRONCO	4.0	5.0	4.5

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY			
NAME	ID3	MO3	MEAN
CREST	4.0	5.0	4.5
FREEDOM	4.0	5.0	4.5
MONOPOLY	3.7	5.3	4.5
SR 2000	2.7	6.3	4.5
BARZAN	3.3	5.3	4.3
J-386	4.3	4.3	4.3
KENBLUE	3.7	5.0	4.3
BA 78-376	4.7	3.7	4.2
PST-A7-111	3.3	5.0	4.2
SUFFOLK	2.7	5.7	4.2
UNIQUE (PST-C-76)	2.7	5.7	4.2
PARK	4.3	4.0	4.2
BANJO (H76-1034)	3.3	4.7	4.0
MINNFINE (MN 2405)	3.0	5.0	4.0
PST-C-303	3.0	5.0	4.0
PST-C-391	2.7	5.0	3.8
SOUTH DAKOTA CERT.	2.7	5.0	3.8
LSD VALUE	2.5	1.1	1.4

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

TABLE 9. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	MO3
BAR VB 852	9.0
EVB 13.863	9.0
SR 2000	9.0
UNIQUE (PST-C-76)	9.0
BARSWEEP	8.7
CYNTHIA	8.7
GEN-RSP	8.7
HAGA	8.7
KENBLUE	8.7
MIDNIGHT	8.7
PARK	8.7
VOYAGER	8.7
ZPS-84-749	8.7
BELMONT (798)	8.3
COBALT	8.3
FORTUNA	8.3
ISI-21	8.3
MERIT	8.3
MINNFINE (MN 2405)	8.3
MIRACLE	8.3
NJIC	8.3
PST-C-303	8.3
PST-YQ	8.3
RAM-1	8.3
ALENE	8.0
AMAZON	8.0
BA 74-017	8.0
BANJO (H76-1034)	8.0
BAR VB 1169	8.0
BARCELONA (BAR VB 1184)	8.0
BARON	8.0
BARONIE (BAR VB 985)	8.0
BARTITIA	8.0
CALIBER (J-335)	8.0
CREST	8.0
DESTINY	8.0
EVB 13.703	8.0
GNOME	8.0
KYOSTI	8.0
LIBERTY	8.0
LIVINGSTON	8.0
MERION	8.0
MONOPOLY	8.0
NE 80-47	8.0
NUBLUE (J-229)	8.0

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	MO3
OPAL	8.0
PST-C-391	8.0
SOPHIA	8.0
UNKNOWN	8.0
BARZAN	7.7
CHELSEA	7.7
FREEDOM	7.7
J-386	7.7
NUSTAR	7.7
WASHINGTON	7.7
BARMAX (BAR VB 7037)	7.3
BRONCO	7.3
SOUTH DAKOTA CERT.	7.0
KWS PP 13-2	6.7
PST-A7-111	6.7
SUFFOLK	6.7
BA 78-376	6.0
LSD VALUE	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 10. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/							
NAME	IL2	MO3	MEAN	NAME	IL2	MO3	MEAN
KENBLUE	95.0	99.0	97.0	HAGA	57.3	99.0	78.2
SOPHIA	93.3	99.0	96.2	BAR VB 1169	55.7	97.7	76.7
ISI-21	92.3	99.0	95.7	PST-C-391	52.0	97.7	74.8
PST-A7-111	94.7	94.7	94.7	VOYAGER	49.3	99.0	74.2
WASHINGTON	89.0	99.0	94.0	MONOPOLY	48.3	99.0	73.7
NE 80-47	88.3	97.7	93.0	DESTINY	47.7	99.0	73.3
GEN-RSP	86.0	99.0	92.5	FORTUNA	47.7	99.0	73.3
BELMONT (798)	84.0	99.0	91.5	BARON	48.3	97.7	73.0
MINNFINE (MN 2405)	87.0	96.0	91.5	CREST	46.7	99.0	72.8
NUSTAR	85.0	97.7	91.3	PST-C-303	46.7	99.0	72.8
UNIQUE (PST-C-76)	83.7	99.0	91.3	BA 74-017	50.0	94.7	72.3
ZPS-84-749	84.0	97.7	90.8	FREEDOM	45.7	99.0	72.3
ALENE	82.0	99.0	90.5	KYOSTI	36.7	99.0	67.8
BAR VB 852	82.0	98.0	90.0	EVB 13.863	35.0	99.0	67.0
PARK	80.7	99.0	89.8	MIRACLE	41.0	91.3	66.2
COBALT	79.0	99.0	89.0	BARCELONA (BAR VB 1184)	35.0	94.7	64.8
EVB 13.703	83.0	94.7	88.8	MERIT	30.0	97.7	63.8
BANJO (H76-1034)	78.3	99.0	88.7				
RAM-1	78.3	99.0	88.7	LSD VALUE	44.5	4.7	22.4
SR 2000	78.0	99.0	88.5				
SOUTH DAKOTA CERT.	76.3	99.0	87.7				
CALIBER (J-335)	74.0	99.0	86.5	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).			
KWS PP 13-2	86.0	85.0	85.5				
BARZAN	74.3	94.3	84.3				
CHELSEA	70.7	97.7	84.2				
BA 78-376	78.3	90.0	84.2				
BARMAX (BAR VB 7037)	69.3	99.0	84.2				
BARTITIA	72.3	96.0	84.2				
GNOME	69.3	99.0	84.2				
MIDNIGHT	69.0	99.0	84.0				
NUBLUE (J-229)	68.3	99.0	83.7				
MERION	69.7	96.0	82.8				
LIVINGSTON	66.0	99.0	82.5				
PST-YQ	64.7	99.0	81.8				
OPAL	63.3	99.0	81.2				
AMAZON	64.0	97.7	80.8				
BARSWEEP	62.7	99.0	80.8				
LIBERTY	61.0	99.0	80.0				
SUFFOLK	61.0	99.0	80.0				
UNKNOWN	61.0	99.0	80.0				
BRONCO	59.7	99.0	79.3				
J-386	60.7	97.7	79.2				
NJIC	58.3	99.0	78.7				
BARONIE (BAR VB 985)	58.0	99.0	78.5				
CYNTHIA	58.0	99.0	78.5				

TABLE 11. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/								
NAME	MO3	NJ2	MEAN	NAME	MO3	NJ2	MEAN	
GEN-RSP	99.0	97.0	98.0	KYOSTI	96.0	75.0	85.5	
BANJO (H76-1034)	99.0	96.0	97.5	NUBLUE (J-229)	97.7	73.3	85.5	
BARZAN	99.0	96.0	97.5	EVB 13.863	99.0	70.0	84.5	
KENBLUE	99.0	96.0	97.5	FREEDOM	99.0	68.3	83.7	
ZPS-84-749	99.0	96.0	97.5	OPAL	99.0	68.3	83.7	
ISI-21	97.7	97.0	97.3	PST-YQ	99.0	68.3	83.7	
BARMAX (BAR VB 7037)	99.0	93.3	96.2	BARCELONA (BAR VB 1184)	94.3	71.7	83.0	
MONOPOLY	99.0	93.3	96.2	HAGA	99.0	66.7	82.8	
SOUTH DAKOTA CERT.	99.0	93.3	96.2	BELMONT (798)	99.0	65.0	82.0	
MINNFINE (MN 2405)	97.7	93.3	95.5	BA 78-376	68.3	95.0	81.7	
ALENE	99.0	91.7	95.3	NE 80-47	96.0	66.7	81.3	
BRONCO	99.0	91.7	95.3	BAR VB 1169	99.0	61.7	80.3	
WASHINGTON	99.0	91.7	95.3	SUFFOLK	99.0	56.7	77.8	
FORTUNA	99.0	91.0	95.0	MIRACLE	94.7	60.0	77.3	
PARK	96.3	93.3	94.8	BARTITIA	99.0	50.0	74.5	
GNOME	99.0	90.0	94.5	KWS PP 13-2	72.7	71.7	72.2	
MIDNIGHT	99.0	90.0	94.5	BARSWEET	99.0	45.0	72.0	
NJIC	99.0	90.0	94.5					
PST-A7-111	94.7	94.3	94.5	LSD VALUE	13.2	21.2	12.5	
J-386	96.0	92.7	94.3					
UNIQUE (PST-C-76)	97.7	91.0	94.3					
MERIT	99.0	89.3	94.2	1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES,				
UNKNOWN	99.0	88.3	93.7	SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.				
COBALT	99.0	87.7	93.3	STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS				
LIBERTY	97.7	88.3	93.0	LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).				
RAM-1	97.7	88.0	92.8					
VOYAGER	99.0	86.7	92.8					
PST-C-303	97.7	86.7	92.2					
CHELSEA	94.3	90.0	92.2					
BAR VB 852	99.0	85.0	92.0					
BARONIE (BAR VB 985)	99.0	85.0	92.0					
CYNTHIA	99.0	85.0	92.0					
DESTINY	99.0	85.0	92.0					
SOPHIA	97.7	85.0	91.3					
CREST	94.3	86.7	90.5					
LIVINGSTON	97.7	83.3	90.5					
BARON	99.0	81.7	90.3					
SR 2000	99.0	81.7	90.3					
BA 74-017	97.7	81.7	89.7					
NUSTAR	96.0	83.3	89.7					
MERION	94.3	83.3	88.8					
PST-C-391	96.3	76.7	86.5					
CALIBER (J-335)	99.0	73.3	86.2					
EVB 13.703	89.7	81.7	85.7					
AMAZON	96.0	75.0	85.5					

TABLE 12. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	MO3	NAME	MO3
ALENE	99.0	SR 2000	99.0
AMAZON	99.0	SUFFOLK	99.0
BA 74-017	99.0	UNIQUE (PST-C-76)	99.0
BANJO (H76-1034)	99.0	UNKNOWN	99.0
BAR VB 1169	99.0	VOYAGER	99.0
BAR VB 852	99.0	WASHINGTON	99.0
BARCELONA (BAR VB 1184)	99.0	ZPS-84-749	99.0
BARMAX (BAR VB 7037)	99.0	MERION	97.7
BARON	99.0	MINNFINE (MN 2405)	97.7
BARONIE (BAR VB 985)	99.0	PARK	97.7
BARSWEET	99.0	NE 80-47	96.0
BARTITIA	99.0	NUSTAR	96.0
BARZAN	99.0	PST-A7-111	94.7
BELMONT (798)	99.0	CHELSEA	92.7
BRONCO	99.0	CREST	92.7
CALIBER (J-335)	99.0	KWS PP 13-2	81.3
COBALT	99.0	BA 78-376	75.0
CYNTHIA	99.0	LSD VALUE	7.6
DESTINY	99.0		
EVB 13.703	99.0		
EVB 13.863	99.0		
FORTUNA	99.0		
FREEDOM	99.0		
GEN-RSP	99.0		
GNOME	99.0		
HAGA	99.0		
ISI-21	99.0		
J-386	99.0		
KENBLUE	99.0		
KYOSTI	99.0		
LIBERTY	99.0		
LIVINGSTON	99.0		
MERIT	99.0		
MIDNIGHT	99.0		
MIRACLE	99.0		
MONOPOLY	99.0		
NUIC	99.0		
NUBLUE (J-229)	99.0		
OPAL	99.0		
EST-C-303	99.0		
EST-C-391	99.0		
EST-YQ	99.0		
RAM-1	99.0		
SOPHIA	99.0		
SOUTH DAKOTA CERT.	99.0		

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 13. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	ID3	NJ1	MEAN
BARONIE (BAR VB 985)	5.3	6.0	5.7
FREEDOM	4.0	6.7	5.3
PST-C-303	4.0	6.7	5.3
PST-YQ	4.7	6.0	5.3
DESTINY	5.3	5.0	5.2
BAR VB 1169	5.3	4.7	5.0
HAGA	5.0	5.0	5.0
SUFFOLK	3.7	6.3	5.0
LIBERTY	4.0	5.7	4.8
COBALT	3.7	5.7	4.7
NUBLUE (J-229)	5.3	3.7	4.5
ISI-21	3.0	5.3	4.2
PST-C-391	3.0	5.0	4.0
BELMONT (798)	3.0	4.7	3.8
BARTITIA	4.0	3.7	3.8
BARCELONA (BAR VB 1184)	3.3	4.0	3.7
CALIBER (J-335)	2.3	5.0	3.7
LIVINGSTON	3.3	4.0	3.7
SR 2000	2.3	5.0	3.7
BAR VB 852	3.0	4.3	3.7
UNIQUE (PST-C-76)	2.3	4.3	3.3
CYNTHIA	3.0	3.3	3.2
MIDNIGHT	2.0	4.3	3.2
MIRACLE	3.7	2.7	3.2
WASHINGTON	3.7	2.7	3.2
EVB 13.703	2.0	4.0	3.0
GEN-RSP	2.3	3.7	3.0
KWS PP 13-2	4.0	2.0	3.0
NJIC	3.0	3.0	3.0
PST-A7-111	3.0	3.0	3.0
BANJO (H76-1034)	2.3	3.3	2.8
MERIT	4.0	1.7	2.8
MONOPOLY	2.3	3.3	2.8
UNKNOWN	3.3	2.3	2.8
BA 74-017	3.0	2.7	2.8
VOYAGER	2.7	3.0	2.8
CREST	3.3	2.0	2.7
J-386	2.0	3.3	2.7
MERION	3.7	1.7	2.7
ALENE	2.0	3.0	2.5
NE 80-47	2.7	2.3	2.5
BARON	2.3	2.3	2.3
CHELSEA	3.0	1.7	2.3
EVB 13.863	2.7	2.0	2.3
GNOME	2.7	2.0	2.3

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	ID3	NJ1	MEAN
SOUTH DAKOTA CERT.	2.0	2.7	2.3
ZPS-84-749	2.7	2.0	2.3
BA 78-376	2.3	2.0	2.2
BARMAX (BAR VB 7037)	3.0	1.3	2.2
NUSTAR	1.7	2.7	2.2
BARZAN	2.3	1.7	2.0
BRONCO	1.3	2.7	2.0
FORTUNA	2.0	2.0	2.0
RAM-1	2.3	1.7	2.0
KYOSTI	1.7	1.7	1.7
OPAL	1.3	2.0	1.7
BARSWEEP	1.3	1.7	1.5
PARK	1.3	1.7	1.5
SOPHIA	1.7	1.3	1.5
AMAZON	1.3	1.0	1.2
KENBLUE	1.3	1.0	1.2
MINNFINE (MN 2405)	1.0	1.3	1.2
LSD VALUE	2.0	1.3	1.2

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

TABLE 14. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	NY1
BA 74-017	9.0
BARON	9.0
BARONIE (BAR VB 985)	9.0
COBALT	9.0
CREST	9.0
DESTINY	9.0
FORTUNA	9.0
GNOME	9.0
MIDNIGHT	9.0
MIRACLE	9.0
NUBLUE (J-229)	9.0
SR 2000	9.0
BAR VB 1169	8.7
BAR VB 852	8.7
BARMAX (BAR VB 7037)	8.7
BARSWEEP	8.7
BELMONT (798)	8.7
SOPHIA	8.7
BARCELONA (BAR VB 1184)	8.3
BARTITIA	8.3
CALIBER (J-335)	8.3
LIBERTY	8.3
LIVINGSTON	8.3
PST-C-391	8.3
UNIQUE (PST-C-76)	8.3
EVB 13.703	8.0
HAGA	8.0
MERION	8.0
NE 80-47	8.0
OPAL	8.0
PST-C-303	8.0
EVB 13.863	7.7
SUFFOLK	7.7
AMAZON	7.3
BRONCO	7.3
FREEDOM	7.3
KYOSTI	7.3
MERIT	7.3
PST-YQ	7.3
WASHINGTON	7.3
J-386	6.3
NUSTAR	6.3
CHELSEA	6.0
UNKNOWN	6.0
BARZAN	5.7

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	NY1
CYNTHIA	5.7
ISI-21	5.7
KWS PP 13-2	5.0
MONOPOLY	5.0
NJIC	4.7
VOYAGER	4.7
SOUTH DAKOTA CERT.	4.3
RAM-1	3.7
BA 78-376	3.0
BANJO (H76-1034)	3.0
ALENE	2.7
ZPS-84-749	2.7
PARK	2.3
PST-A7-111	2.0
GEN-RSP	1.3
KENBLUE	1.3
MINNFINE (MN 2405)	1.0
LSD VALUE	2.7

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

TABLE 15. RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	VA6
PST-YQ	5.3
BARONIE (BAR VB 985)	4.7
FREEDOM	4.3
PST-C-391	4.3
UNIQUE (PST-C-76)	4.3
BARMAX (BAR VB 7037)	4.0
CALIBER (J-335)	3.7
CHELSEA	3.7
MERION	3.7
KYOSTI	3.3
LIBERTY	3.3
COBALT	3.0
EVb 13.703	3.0
LIVINGSTON	3.0
AMAZON	2.7
BARON	2.7
J-386	2.7
MERIT	2.7
NUBLUE (J-229)	2.7
ZPS-84-749	2.7
BELMONT (798)	2.3
BRONCO	2.3
UNKNOWN	2.3
VOYAGER	2.3
BAR VB 852	2.0
NUSTAR	2.0
SR 2000	2.0
WASHINGTON	2.0
BAR VB 1169	1.7
CREST	1.7
DESTINY	1.7
GNOME	1.7
BA 74-017	1.3
KWS PP 13-2	1.3
MONOPOLY	1.3
NE 80-47	1.3
NJIC	1.3
PST-C-303	1.3
ALENE	1.0
BA 78-376	1.0
BANJO (H76-1034)	1.0
BARCELONA (BAR VB 1184)	1.0
BARSWEEP	1.0
BARTITIA	1.0
BARZAN	1.0

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE

NAME	VA6
CYNTHIA	1.0
EVb 13.863	1.0
FORTUNA	1.0
GEN-RSP	1.0
HAGA	1.0
ISI-21	1.0
KENBLUE	1.0
MIDNIGHT	1.0
MINNFINE (MN 2405)	1.0
MIRACLE	1.0
OPAL	1.0
PARK	1.0
PST-A7-111	1.0
RAM-1	1.0
SOPHIA	1.0
SOUTH DAKOTA CERT.	1.0
SUFFOLK	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 16. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

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

NAME	NJ2
BA 78-376	9.0
BANJO (H76-1034)	9.0
BARZAN	9.0
DESTINY	9.0
GEN-RSP	9.0
ISI-21	9.0
KENBLUE	9.0
ZPS-84-749	9.0
BARMAX (BAR VB 7037)	8.7
BARON	8.7
CREST	8.7
MIDNIGHT	8.7
MINNFINE (MN 2405)	8.7
MONOPOLY	8.7
PARK	8.7
PST-A7-111	8.7
SOUTH DAKOTA CERT.	8.7
ALENE	8.3
BRONCO	8.3
CHELSEA	8.3
FORTUNA	8.3
GNOME	8.3
J-386	8.3
LIBERTY	8.3
UNIQUE (PST-C-76)	8.3
UNKNOWN	8.3
WASHINGTON	8.3
COBALT	8.0
NJIC	8.0
RAM-1	8.0
VOYAGER	8.0
BA 74-017	7.7
BAR VB 852	7.7
BARONIE (BAR VB 985)	7.7
CYNTHIA	7.7
EVB 13.703	7.7
MERIT	7.7
PST-C-303	7.7
SOPHIA	7.7
CALIBER (J-335)	7.3
LIVINGSTON	7.3
MERION	7.3
NUSTAR	7.3
PST-C-391	7.3
SR 2000	7.3

BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE

NAME	NJ2
EVB 13.863	7.0
KYOSTI	7.0
OPAL	7.0
AMAZON	6.7
BARCELONA (BAR VB 1184)	6.7
KWS PP 13-2	6.7
NUBLUE (J-229)	6.7
SUFFOLK	6.7
BARSWEET	6.3
BELMONT (798)	6.3
FREEDOM	6.3
HAGA	6.3
PST-YQ	6.3
BAR VB 1169	6.0
MIRACLE	6.0
NE 80-47	6.0
BARTITIA	5.3
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 17. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE 1/

NAME	ID3
EVB 13.863	9.0
BA 78-376	8.3
BAR VB 852	8.3
COBALT	8.3
GEN-RSP	8.3
KENBLUE	8.3
MERION	8.3
MERIT	8.3
MINNFINE (MN 2405)	8.3
NUSTAR	8.3
ALENE	8.0
BRONCO	8.0
KWS PP 13-2	8.0
MIDNIGHT	8.0
PST-A7-111	8.0
PST-YQ	8.0
UNKNOWN	8.0
BARTITIA	7.7
GNOME	7.7
HAGA	7.7
KYOSTI	7.7
NUBLUE (J-229)	7.7
PST-C-303	7.7
UNIQUE (PST-C-76)	7.7
WASHINGTON	7.7
ZPS-84-749	7.7
BARONIE (BAR VB 985)	7.3
BARZAN	7.3
BELMONT (798)	7.3
ISI-21	7.3
J-386	7.3
NJIC	7.3
RAM-1	7.3
SR 2000	7.3
BARON	7.0
DESTINY	7.0
MIRACLE	7.0
MONOPOLY	7.0
SOUTH DAKOTA CERT.	7.0
VOYAGER	7.0
BA 74-017	6.7
CREST	6.7
FORTUNA	6.7
CHELSEA	6.3
PST-C-391	6.3

NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE

NAME	ID3
SOPHIA	6.3
BANJO (H76-1034)	6.0
EVB 13.703	6.0
FREEDOM	6.0
PARK	6.0
CYNTHIA	5.7
LIVINGSTON	5.7
LIBERTY	5.3
CALIBER (J-335)	5.0
SUFFOLK	5.0
AMAZON	4.7
BARCELONA (BAR VB 1184)	4.7
NE 80-47	4.7
BAR VB 1169	4.3
BARSWEET	2.7
OPAL	2.7
BARMAX (BAR VB 7037)	1.7
LSD VALUE	2.6

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 18. STEMMINESS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

STEMMINESS RATINGS 1-9; 9=LEAST STEMMINESS 1/

NAME	OR1
ALENE	8.0
BA 78-376	8.0
BANJO (H76-1034)	8.0
BAR VB 1169	8.0
BAR VB 852	8.0
CALIBER (J-335)	8.0
GEN-RSP	8.0
KENBLUE	8.0
MINNFINE (MN 2405)	8.0
NJIC	8.0
PARK	8.0
PST-A7-111	8.0
ISI-21	7.7
MERION	7.7
MIDNIGHT	7.7
PST-YQ	7.7
RAM-1	7.7
SOUTH DAKOTA CERT.	7.7
WASHINGTON	7.7
BARMAX (BAR VB 7037)	7.3
EVB 13.863	7.3
ZPS-84-749	7.3
BELMONT (798)	7.0
AMAZON	6.7
BARCELONA (BAR VB 1184)	6.7
CYNTHIA	6.7
J-386	6.7
LIVINGSTON	6.7
MONOPOLY	6.7
OPAL	6.7
VOYAGER	6.7
BARONIE (BAR VB 985)	6.3
BRONCO	6.3
EVB 13.703	6.3
SOPHIA	6.3
BARTITIA	6.0
CHELSEA	6.0
KWS PP 13-2	6.0
KYOSTI	6.0
PST-C-303	6.0
BARZAN	5.7
COBALT	5.7
DESTINY	5.7
FREEDOM	5.7
HAGA	5.7

STEMMINESS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1994 DATA

STEMMINESS RATINGS 1-9; 9=LEAST STEMMINESS

NAME	OR1
NUBLUE (J-229)	5.7
NUSTAR	5.7
BARSWEET	5.3
FORTUNA	5.3
LIBERTY	5.3
MIRACLE	5.3
SUFFOLK	5.3
BA 74-017	5.0
PST-C-391	5.0
SR 2000	5.0
UNIQUE (PST-C-76)	5.0
BARON	4.7
GNOME	4.7
MERIT	4.7
NE 80-47	4.7
UNKNOWN	4.3
CREST	3.7
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).