

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 1991-95

<u>State</u>	<u>Location</u>	<u>Code</u>
Colorado	Fort Collins	CO1
District of Columbia	Washington Monument Grounds	DC1
Idaho	Rathdrum	ID3
Illinois	Carbondale	IL2
Iowa	Ames	IA1
Kansas	Wichita	KS2
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
Ohio	Marysville	OH1
Oregon	Hubbard	OR1
Oregon	Halsey	OR3
Pennsylvania	University Park	PA1
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	Baronie (BAR VB 985)	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	Dellwood (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.

1991-1995 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
CO1	SILTY CLAY LOAM	7.6-8.5	0-60	501+	3.1-4.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
DC1	LOAM	5.6-6.0	151-270	151-240	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION
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	61-150	151-240	0.0-1.0	FULL SUN	2.1-2.5	NO IRRIGATION
KS2	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
MD1	SANDY LOAM	6.6-7.0	451+	0-150	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
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	151-270	376-500	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ1	LOAM	6.1-6.5	151-270	151-240	0.0-1.0	FULL SUN	2.6-3.0	NO IRRIGATION
NJ2	SILT LOAM AND SILT	5.6-6.0	0-60	241-375	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
OH1	SILTY CLAY LOAM	-	-	-	1.1-2.0	FULL SUN	1.6-2.0	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
OR3	SILT LOAM AND SILT	4.6-5.5	0-60	0-150	1.1-2.0	FULL SUN	1.1-1.5	NO IRRIGATION
PA1	SILT LOAM AND SILT	6.1-6.5	151-270	-	0.0-1.0	FULL SUN	3.6-4.0	NO IRRIGATION
RI1	SILT LOAM AND SILT	6.6-7.0	271-450	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	5.6-6.0	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	2.6-3.0	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	6.1-6.5	451+	501+	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1991-1995

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP
CO1					X	X	X	X	X	X	X	X		
DC1				X	X	X	X	X	X	X	X	X		
IA1				X	X	X	X	X	X	X				
ID3			X		X	X	X	X	X	X	X		X	X
IL2				X	X	X	X	X	X	X				X
KS2					X	X	X	X	X					
MD1			X	X	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	X	X	X	X	X	X	X
NJ2				X	X	X	X	X	X	X	X			
NY1					X	X	X	X	X	X				
OH1					X	X	X			X			X	X
OR1	X	X	X	X	X	X	X	X		X	X	X		
OR3														
PA1				X	X	X		X	X	X	X		X	X
RI1					X	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	X
WA1			X	X	X	X	X	X	X	X				

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1991-1995

LOCATION	LEAF TEXTURE	WEAR TOLERANCE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	FUSARIUM PATCH	MELTING OUT SPRING
CO1			X								X	X	X		
DC1		X					X								
IA1															
ID3	X				X		X			X	X			X	X
IL2							X					X			
KS2													X		
MD1												X			
MO3	X		X	X	X	X	X	X	X	X					
NE1															
NJ1			X								X		X		
NJ2								X							
NY1															
OH1				X	X										
OR1											X	X	X		
OR3			X												
PA1							X	X							
RI1															
UB1			X						X		X	X			
VA6							X	X							
WA1															

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1991-1995

LOCATION	LEAF SPOT	RED THREAD	BILLBUGS RATING	LEAF RUST	NECROTIC RING SPOT	POA ANNUA RATING	CANOPY HEIGHT	STEMMINESS RATING	PERCENT WEEDS	FALL RECOVERY	SEEDHEAD RATING	FLOOD RECOVERY	NITROGEN DEFICIENCY	RED THREAD RATINGS				
														JUN	AUG	SEP	OCT	
CO1																		
DC1				X														
IA1																		
ID3	X			X	X								X					
IL2																		
KS2																		
MD1																		
MO3																		
NE1												X						
NJ1	X									X	X							
NJ2	X		X															
NY1	X																	
OH1	X	X				X												
OR1	X							X										
OR3																		
PA1	X						X											
RI1		X																
UB1	X								X									
VA6	X	X												X	X	X	X	
WA1																		

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS (LOW MAINTENANCE) CULTIVARS
AT NINETEEN LOCATIONS IN THE UNITED STATES
1991-1995 DATA

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

NAME	CO1	DC1	IA1	ID3	IL2	KS2	MD1	MO3	NE1	NJ1	NJ2	NY1	OH1	OR1	PA1	RI1	UB1	VA6	WA1	MEAN
BAR VB 852	6.7	3.1	6.1	5.2	5.6	4.3	5.3	5.7	7.0	5.3	4.8	4.5	6.8	5.5	4.6	4.2	6.1	4.8	4.5	5.3
* MIDNIGHT	6.3	2.1	4.7	6.1	5.0	5.1	5.4	7.4	6.5	6.0	5.1	4.7	6.6	5.0	3.8	3.3	5.3	5.2	5.1	5.2
* RAM-1	5.5	2.0	5.2	6.3	4.2	5.1	5.3	6.1	5.6	5.1	5.3	4.3	6.9	4.1	3.9	4.2	6.0	5.5	4.6	5.0
* BARTITIA	6.8	1.8	4.4	6.4	4.1	6.0	5.1	6.0	6.3	4.9	5.1	4.3	6.1	4.7	3.9	3.7	4.9	5.3	5.0	5.0
GEN-RSP	6.2	5.6	5.8	4.2	6.0	4.7	5.6	5.6	6.5	4.7	3.9	3.2	5.3	4.4	4.3	4.2	5.0	4.7	4.3	5.0
* SOPHIA	6.8	2.4	5.2	4.9	4.4	5.7	5.5	5.9	5.7	4.8	5.1	3.7	5.8	4.4	3.7	3.9	6.1	5.1	5.0	5.0
* COBALT	6.3	2.8	4.6	5.6	5.1	5.1	5.1	6.0	5.6	5.3	5.1	4.4	5.9	4.8	3.9	3.8	4.8	5.1	4.8	5.0
ISI-21	6.5	4.5	5.7	4.1	5.7	5.0	5.7	5.7	6.7	5.1	4.1	3.9	5.7	3.6	4.3	3.5	5.0	5.0	4.2	4.9
* CALIBER (J-335)	6.6	3.2	4.9	5.1	5.1	5.2	5.3	5.8	6.0	4.3	4.7	3.6	6.0	4.8	3.8	3.5	5.4	5.0	4.9	4.9
PST-YQ	6.4	2.7	5.6	5.0	5.0	4.4	5.5	5.6	5.7	4.8	4.5	4.1	6.1	4.7	4.1	3.7	5.4	5.3	4.5	4.9
* UNIQUE (PST-C-76)	7.1	2.3	4.8	4.7	5.6	5.2	5.5	5.9	5.7	4.9	5.3	3.9	5.7	4.5	3.9	3.6	4.4	5.1	4.7	4.9
BAR VB 1169	6.7	3.5	5.1	5.0	4.3	5.1	5.5	5.8	6.3	4.4	4.6	3.6	5.8	4.9	4.1	3.3	5.4	4.9	4.6	4.9
* BELMONT (798)	6.2	2.5	4.7	6.0	5.1	4.5	4.8	6.6	5.5	5.2	5.1	3.7	5.7	4.3	4.2	3.7	5.0	4.7	4.9	4.9
* MONOPOLY	5.6	4.9	5.6	4.2	4.7	5.7	5.4	5.3	5.7	4.1	4.5	3.6	6.5	3.9	4.0	4.0	5.2	5.1	4.6	4.9
* NUSTAR	6.3	2.7	4.9	5.8	4.3	5.2	5.7	5.5	5.9	4.4	4.4	4.1	5.5	4.3	3.8	3.9	5.7	5.2	4.4	4.8
* FREEDOM	5.8	3.5	5.1	5.3	4.7	5.2	5.2	5.6	5.7	4.8	3.9	4.5	6.3	4.3	3.6	3.6	4.8	5.3	4.7	4.8
* VOYAGER	6.6	3.5	5.7	4.8	4.9	4.9	5.5	5.7	6.0	4.5	4.1	3.4	5.7	4.2	4.0	4.0	4.5	5.1	4.7	4.8
* BARMAX (BAR VB 7037)	6.8	2.6	5.6	4.0	4.3	5.0	5.6	5.2	6.0	4.0	4.8	3.9	5.8	4.6	4.3	3.8	5.5	5.0	4.9	4.8
* SR 2000	6.5	2.3	4.6	5.4	4.4	4.7	5.6	6.7	6.1	5.1	4.9	3.3	5.8	4.4	3.8	3.9	4.7	5.1	4.1	4.8
* LIVINGSTON	6.4	2.6	5.0	4.8	4.9	4.6	5.6	5.6	5.8	5.0	4.9	3.7	5.3	5.0	3.8	3.9	4.6	5.2	4.5	4.8
* WASHINGTON	6.3	2.4	5.3	5.4	4.7	5.0	5.5	5.3	5.7	4.7	4.9	3.8	5.2	4.5	3.5	4.1	5.3	5.0	4.6	4.8
* OPAL	6.4	2.7	5.0	4.6	4.9	4.1	5.4	6.5	6.1	4.3	4.9	3.5	5.9	4.0	4.1	3.6	5.6	4.8	4.6	4.8
* MERIT	6.0	2.3	5.0	5.5	4.0	4.9	5.3	5.9	5.4	4.4	5.1	3.9	5.7	4.3	4.0	3.5	5.4	5.4	5.0	4.8
* BARONIE (BAR VB 985)	6.7	3.6	5.2	5.5	4.8	4.3	5.3	5.5	5.8	5.1	4.3	3.3	5.4	4.3	4.0	3.6	4.2	5.2	4.9	4.8
NJIC	6.3	2.9	5.1	4.6	4.5	5.6	5.4	5.7	6.1	4.7	3.9	3.4	5.8	4.5	4.0	3.8	5.0	5.1	4.6	4.8
* BARCELONA (BAR VB 1184)	6.4	1.8	4.8	6.1	3.3	3.9	4.8	5.9	6.1	5.0	5.0	4.7	5.7	5.4	4.2	3.7	4.5	5.1	4.6	4.8
* BARON	5.4	2.2	5.4	6.0	4.3	4.9	5.3	6.2	5.7	4.6	4.9	3.8	5.8	3.8	3.9	3.8	4.3	5.5	4.9	4.8
* HAGA	6.1	3.2	5.3	5.4	4.4	5.2	5.6	5.7	5.8	4.1	4.1	3.3	6.1	4.3	4.0	3.7	4.7	5.1	4.4	4.8
* CYNTHIA	5.9	2.4	5.2	5.1	4.1	5.0	5.1	6.1	5.6	4.5	4.8	3.4	5.9	4.3	4.2	4.3	5.1	4.9	4.7	4.8
* BARSWEET	6.1	2.3	4.7	4.5	4.4	4.9	5.3	6.3	6.6	5.2	4.7	3.8	5.9	4.4	4.0	3.4	4.7	4.6	4.6	4.7
PST-C-391	6.3	4.2	5.4	4.8	4.6	4.0	5.1	5.6	5.9	4.4	4.3	3.5	5.8	4.7	3.7	3.7	4.3	5.2	4.3	4.7
* BRONCO	6.0	2.0	5.7	4.6	4.7	5.1	4.9	5.5	5.3	4.3	4.4	3.9	6.1	4.3	4.0	3.9	4.9	5.1	4.5	4.7
* CREST	5.9	2.2	4.6	5.3	4.5	4.6	5.1	5.9	5.5	5.0	5.0	4.2	5.1	4.0	4.2	3.7	4.9	4.8	5.0	4.7
* LIBERTY	5.7	3.1	5.0	5.9	4.8	4.6	5.2	5.6	5.5	5.1	4.4	2.8	6.3	4.1	3.7	3.6	4.0	5.1	4.5	4.7
PST-C-303	6.5	3.0	5.1	4.8	4.3	4.2	5.3	5.6	5.6	4.8	4.2	3.4	6.2	4.7	4.2	3.6	4.2	4.5	4.5	4.7
EVB 13.863	6.0	2.7	4.9	5.5	3.3	5.0	5.1	5.3	5.6	4.2	4.5	3.8	5.6	4.6	4.0	3.8	5.3	4.8	4.7	4.7
* SUFFOLK	6.1	3.5	5.3	4.5	4.8	4.5	5.3	5.5	5.8	4.3	4.0	3.5	6.1	4.7	4.1	3.7	3.8	4.5	4.7	4.7
BA 74-017	5.7	2.5	4.8	5.2	4.4	4.5	5.0	5.9	5.7	4.7	5.2	3.3	5.2	4.0	4.1	3.8	4.7	4.9	4.8	4.7
NE 80-47	6.1	2.0	4.6	4.9	4.6	5.1	5.2	5.7	5.8	4.4	4.7	4.4	5.2	4.4	4.1	3.5	4.5	5.0	4.4	4.7
* NUBLUE (J-229)	5.6	2.4	5.4	5.7	4.9	5.2	5.1	5.6	5.7	4.1	4.5	3.3	5.7	4.1	4.0	3.6	4.2	4.8	4.7	4.7
EVB 13.703	5.9	2.0	4.6	5.2	4.5	3.9	4.8	5.5	5.5	5.7	4.9	3.1	6.2	4.4	4.2	3.0	5.3	4.9	4.7	4.6
* DELLWOOD (ZPS-84-749)	5.8	2.2	5.4	4.8	5.3	4.5	5.7	5.7	5.8	4.0	4.4	2.6	6.1	3.6	3.6	4.2	5.6	4.6	4.1	4.6
* GNOME	5.5	2.3	5.0	5.4	5.0	4.5	5.1	6.0	5.3	3.9	5.0	3.6	5.9	3.8	3.9	3.5	4.7	5.3	4.4	4.6
* FORTUNA	5.5	2.2	4.4	5.9	4.1	4.8	4.8	6.3	5.7	4.2	5.1	3.3	5.4	4.2	4.4	3.6	4.8	4.4	4.9	4.6
* DESTINY	6.0	2.3	5.0	5.6	4.3	4.0	4.8	6.2	5.2	5.1	4.3	4.3	6.1	3.9	3.9	3.3	4.5	4.5	4.7	4.6

TABLE 1.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS (LOW MAINTENANCE) CULTIVARS
AT NINETEEN LOCATIONS IN THE UNITED STATES
1991-1995 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																			
	CO1	DC1	IA1	ID3	IL2	KS2	MD1	MO3	NE1	NJ1	NJ2	NY1	OH1	OR1	PA1	RI1	UB1	VA6	WA1	MEAN
J-386	5.9	2.9	4.8	4.5	4.5	5.0	5.2	5.1	5.4	3.8	5.0	4.0	5.3	3.8	3.8	4.0	5.5	5.0	4.3	4.6
UNKNOWN	5.4	1.8	4.1	5.5	4.5	4.4	5.2	6.0	5.4	4.3	5.2	3.2	5.7	4.3	3.9	3.7	5.2	4.8	5.0	4.6
* AMAZON	5.8	2.0	5.1	4.8	4.2	4.4	4.7	5.7	6.0	4.8	4.5	4.0	5.1	4.5	3.8	3.5	5.1	4.8	4.0	4.6
* MIRACLE	5.9	1.9	5.3	6.9	4.1	4.5	4.6	5.1	5.8	3.7	4.5	3.4	5.1	4.5	4.0	3.6	4.2	4.3	4.8	4.5
* KYOSTI	5.6	1.9	4.3	4.7	4.2	3.6	5.0	5.6	5.4	4.5	4.3	3.8	5.9	4.0	3.9	3.7	4.5	5.4	4.6	4.5
* CHELSEA	5.5	2.0	4.9	4.6	4.6	5.2	4.8	5.1	5.5	3.6	4.5	4.0	4.9	4.4	3.6	3.3	5.1	4.8	4.4	4.5
* BARZAN	5.9	2.0	4.9	5.1	4.2	5.4	4.9	5.5	5.1	3.9	4.2	2.8	5.3	4.3	3.7	4.0	4.2	4.2	4.2	4.4
* BANJO (H76-1034)	6.0	2.7	5.3	4.1	4.6	5.3	5.2	5.0	5.6	4.0	3.6	3.1	5.2	3.6	3.4	3.8	3.9	4.4	4.3	4.4
PST-A7-111	5.1	2.0	5.6	4.1	4.6	5.4	5.0	4.9	5.5	3.6	3.4	3.0	5.6	3.5	3.5	3.4	5.4	4.6	4.2	4.3
* MERION	5.8	2.2	4.2	4.8	4.9	3.8	3.8	5.3	5.5	4.6	4.1	3.3	5.3	4.6	3.0	3.0	4.8	4.9	4.4	4.3
* ALENE	5.4	2.2	5.9	3.9	5.2	5.3	5.3	5.1	5.8	3.2	3.3	3.3	4.6	3.6	3.4	3.8	4.5	4.2	4.3	4.3
KWS PP 13-2	5.7	2.0	4.7	4.8	4.9	4.5	4.7	4.6	5.1	3.6	4.2	3.9	4.6	4.2	3.3	3.3	3.7	4.3	4.5	4.2
* PARK	5.0	2.2	5.9	2.9	4.1	4.7	4.7	4.7	5.6	3.5	3.9	3.3	5.0	3.2	3.5	3.9	5.1	4.6	4.0	4.2
* KENBLUE	4.9	3.2	5.7	2.8	4.8	4.8	5.5	5.3	5.5	2.8	3.1	2.6	4.8	3.7	3.4	3.7	4.7	4.3	3.8	4.2
MINNFINE (MN 2405)	5.0	2.5	6.0	2.3	4.2	5.0	4.9	4.9	5.4	2.8	2.8	2.4	4.8	3.7	3.7	3.3	4.6	4.3	3.6	4.0
BA 78-376	4.8	1.7	5.6	2.9	4.3	4.7	3.8	4.1	5.4	3.1	3.5	2.9	5.1	3.3	3.2	4.0	4.6	4.3	3.9	4.0
* SOUTH DAKOTA CERT.	4.7	1.9	5.6	2.9	4.2	4.4	5.1	4.9	5.3	2.7	3.3	2.8	3.9	3.0	3.3	3.5	4.3	4.1	4.2	3.9
LSD VALUE	1.4	0.6	0.7	1.1	0.9	2.0	0.6	0.6	0.5	0.6	0.6	1.2	1.1	0.8	0.8	0.7	0.7	0.6	0.5	0.2

* COMMERCIALY AVAILABLE IN THE USA IN 1996.

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 (LOW MAINTENANCE) CULTIVARS FOR EACH MONTH GROWN AT NINETEEN LOCATIONS IN THE UNITED STATES 1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BAR VB 852	5.4	5.2	5.0	5.1	5.8	5.6	5.0	5.0	5.1	4.9	4.8	4.9	5.2
MIDNIGHT	6.2	5.3	5.4	4.6	5.4	5.3	4.9	5.1	5.3	5.5	5.3	4.9	5.1
RAM-1	5.7	4.5	4.5	4.5	5.1	5.2	4.9	4.8	4.8	5.3	5.3	3.9	5.0
GEN-RSP	5.4	5.8	4.8	4.8	4.9	4.7	4.6	5.2	5.6	5.4	5.1	4.9	5.0
SOPHIA	4.9	4.3	4.3	4.5	5.1	5.1	4.9	5.0	5.0	5.1	4.7	3.7	4.9
COBALT	6.3	6.0	5.6	4.7	5.2	5.0	4.7	4.8	5.0	5.0	4.8	4.3	4.9
BARTITIA	6.1	5.8	5.0	4.1	5.1	5.2	4.8	4.6	4.7	4.9	4.6	4.0	4.9
ISI-21	4.6	3.7	4.5	4.8	5.0	4.7	4.7	4.9	5.4	5.2	4.9	5.3	4.9
BELMONT (798)	5.3	5.2	5.1	4.8	5.3	5.1	4.7	4.5	4.8	5.1	4.8	4.3	4.9
PST-YQ	5.4	5.5	4.9	5.0	5.2	4.9	4.7	4.7	4.8	5.0	4.9	4.8	4.9
CALIBER (J-335)	5.8	6.2	5.0	4.9	5.3	5.1	4.7	4.8	5.0	4.8	4.5	4.6	4.9
UNIQUE (PST-C-76)	5.2	7.2	5.4	4.7	5.1	4.9	4.8	4.7	5.1	4.9	4.2	4.0	4.8
BAR VB 1169	6.0	6.2	5.5	4.9	5.2	5.0	4.5	4.6	4.9	4.9	4.5	4.6	4.8
MONOPOLY	4.6	4.2	4.1	4.4	5.0	4.9	4.8	4.8	4.8	5.1	4.7	3.9	4.8
NUSTAR	4.9	4.7	4.7	4.4	5.1	5.0	4.7	4.8	4.8	5.0	4.8	4.1	4.8
WASHINGTON	5.2	6.0	4.9	4.8	4.9	4.9	4.9	4.8	4.8	4.9	4.5	4.0	4.8
LIVINGSTON	6.2	6.8	5.1	4.6	5.1	4.9	4.6	4.6	4.9	4.9	4.8	4.7	4.8
VOYAGER	4.4	5.0	5.0	4.7	4.8	4.6	4.7	4.8	5.1	5.0	4.5	4.7	4.8
SR 2000	6.1	5.5	5.4	4.8	5.1	4.9	4.4	4.6	4.9	5.0	4.9	4.6	4.8
BARONIE (BAR VB 985)	4.9	5.3	5.3	4.8	5.0	4.8	4.4	4.6	4.9	5.0	4.7	4.6	4.8
OPAL	4.3	4.2	4.8	4.6	5.1	5.1	4.6	4.8	4.9	4.8	4.5	3.9	4.8
MERIT	4.0	4.8	4.5	4.6	4.9	4.8	4.7	4.8	4.8	4.9	4.7	3.7	4.8
FREEDOM	6.0	5.3	4.9	4.7	5.1	4.9	4.5	4.5	4.7	4.9	4.7	4.4	4.8
BARON	4.1	4.2	4.5	4.5	4.8	4.9	4.7	4.8	4.8	5.0	4.6	3.4	4.8
BARMAX (BAR VB 7037)	3.8	5.5	4.9	4.8	5.1	5.0	4.7	4.7	4.9	4.7	4.2	3.8	4.8
CYNTHIA	6.4	5.5	4.3	4.3	4.8	4.9	4.5	4.7	4.7	4.8	4.8	4.5	4.8
NJIC	4.9	5.5	5.5	4.6	4.5	4.5	4.5	4.7	5.2	5.0	4.8	4.8	4.7
HAGA	5.6	5.5	4.9	4.5	4.9	4.8	4.5	4.5	4.6	4.7	4.6	4.4	4.7
BARCELONA (BAR VB 1184)	6.1	5.8	5.0	4.1	5.0	5.1	4.5	4.4	4.7	4.8	4.6	4.3	4.7
PST-C-391	6.3	6.2	5.2	4.7	5.1	4.8	4.4	4.5	4.7	4.8	4.7	4.3	4.7
CREST	4.0	4.8	4.3	4.4	4.8	4.8	4.7	4.8	4.7	4.8	4.6	3.7	4.7
LIBERTY	5.9	5.7	4.9	4.5	4.9	4.9	4.6	4.5	4.7	4.6	4.4	4.1	4.7
BA 74-017	3.1	4.0	4.3	4.4	4.8	4.8	4.6	4.8	4.8	4.8	4.5	3.9	4.7
BRONCO	4.1	4.7	4.2	4.4	4.8	4.8	4.6	4.8	4.6	4.9	4.4	3.7	4.7
BARSWEEP	5.6	5.0	4.7	4.3	5.2	5.1	4.6	4.5	4.6	4.7	4.3	3.6	4.7
DELLWOOD (ZPS-84-749)	4.1	5.2	4.6	4.5	4.6	4.6	4.7	4.8	4.8	4.8	4.3	3.5	4.7
EVB 13.703	5.8	6.3	5.1	4.8	5.2	4.9	4.4	4.3	4.6	4.8	4.5	4.0	4.7
NUBLUE (J-229)	5.2	5.5	4.5	4.3	4.7	4.8	4.6	4.6	4.4	4.5	4.2	3.9	4.6
GNOME	3.6	4.8	4.3	4.4	4.7	4.8	4.7	4.8	4.5	4.8	4.3	3.3	4.6
UNKNOWN	4.2	5.0	4.6	4.5	4.8	4.7	4.5	4.6	4.6	4.8	4.5	3.7	4.6
FORTUNA	3.9	5.2	4.8	4.3	4.8	4.7	4.5	4.7	4.6	4.6	4.3	3.6	4.6
PST-C-303	6.8	6.3	5.2	4.7	4.9	4.7	4.3	4.3	4.6	4.8	4.5	4.6	4.6
SUFFOLK	6.2	6.3	5.3	4.6	4.9	4.8	4.3	4.3	4.6	4.7	4.4	4.4	4.6
EVB 13.863	5.1	4.7	4.5	4.3	4.8	4.9	4.5	4.4	4.4	4.7	4.7	3.8	4.6
NE 80-47	5.1	5.8	4.9	4.7	5.0	4.7	4.2	4.3	4.6	4.6	4.4	3.9	4.6

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS (LOW MAINTENANCE) CULTIVARS FOR EACH MONTH GROWN AT NINETEEN LOCATIONS IN THE UNITED STATES 1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
J-386	4.3	4.8	4.3	4.3	4.8	4.6	4.4	4.8	4.6	4.7	4.5	3.9	4.6
DESTINY	5.2	5.3	4.8	4.4	4.8	4.8	4.6	4.4	4.5	4.6	4.4	4.0	4.6
AMAZON	4.2	5.0	4.5	4.4	5.0	4.9	4.4	4.4	4.5	4.7	4.3	3.7	4.5
MIRACLE	5.8	6.0	4.8	4.4	4.7	4.8	4.2	4.2	4.2	4.4	4.0	3.7	4.5
KYOSTI	3.0	4.2	4.7	4.4	4.7	4.6	4.3	4.5	4.5	4.3	4.1	3.3	4.4
CHELSEA	5.3	5.5	3.8	4.2	4.8	4.8	4.4	4.3	4.2	4.5	4.4	3.7	4.4
BARZAN	6.3	4.5	4.5	3.8	4.3	4.2	4.5	4.5	4.5	4.6	4.5	3.9	4.4
MERION	4.8	5.8	4.6	4.4	4.7	4.5	4.5	4.4	4.4	4.2	4.1	3.9	4.4
BANJO (H76-1034)	3.2	3.5	4.0	4.1	4.2	4.1	4.3	4.3	4.4	4.6	4.3	4.2	4.3
PST-A7-111	4.1	4.7	4.3	4.3	4.4	4.3	4.1	4.4	4.4	4.4	4.0	3.6	4.3
ALENE	3.4	3.2	4.3	4.1	4.2	4.1	4.1	4.5	4.5	4.6	4.3	3.5	4.3
KWS PP 13-2	4.6	4.7	4.0	4.2	4.5	4.4	4.2	4.1	4.1	4.2	3.8	3.7	4.2
PARK	2.9	3.3	4.0	4.3	4.1	4.2	4.4	4.4	4.2	4.1	3.9	3.1	4.2
KENBLUE	3.1	3.7	4.1	3.9	4.0	4.0	4.1	4.4	4.3	4.4	4.2	3.9	4.2
MINNFINE (MN 2405)	2.4	3.2	3.7	4.0	3.9	3.9	4.0	4.2	4.1	4.0	3.7	3.1	4.0
BA 78-376	2.3	3.2	3.5	4.2	3.9	3.9	4.1	4.1	3.8	4.0	3.6	3.2	3.9
SOUTH DAKOTA CERT.	1.9	2.2	3.5	3.8	3.8	3.7	3.9	4.0	4.0	4.2	3.9	3.3	3.9
LSD VALUE	1.3	1.2	0.9	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.8	0.2

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

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS (LOW MAINTENANCE) 1/
CULTIVARS AT NINETEEN LOCATIONS IN THE UNITED STATES
1991-1995 DATA

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

NAME	CO1	DC1	IA1	ID3	IL2	KS2	MD1	MO3	NE1	NJ1	NJ2	NY1	OH1	OR1	PA1	RI1	UB1	VA6	WA1	MEAN
BAR VB 852	6	14	1	25	3	53.0	24.5	24.0	1	4	23.0	3.5	2.0	1	1.0	5	2.0	39.0	39.0	1
MIDNIGHT	21	46	49	4	12	19.5	18.5	1.0	5	1	10.0	2.0	3.0	4	41.0	59	17.0	9.0	1.0	2
RAM-1	50	52	28	3	51	17.0	24.5	9.0	40	7	1.0	8.5	1.0	42	34.0	4	3.0	2.0	27.0	3
BARTITIA	3	60	59	2	56	1.0	36.0	13.5	7	17	9.0	7.0	9.5	11	37.0	26	29.0	7.0	5.0	4
GEN-RSP	24	1	5	51	1	35.0	8.0	32.0	4	26	55.0	51.5	44.0	21	3.0	3	26.5	44.0	51.0	5
SOPHIA	2	31	26	33	41	2.0	11.5	18.0	30	18	6.0	27.0	27.0	22	45.0	17	1.0	15.0	6.0	6
COBALT	18	18	55	12	9	19.5	38.0	12.0	42	3	5.0	5.5	20.5	7	31.0	23	32.0	20.0	13.0	7
ISI-21	12	3	9	55	2	25.0	2.5	30.0	2	10	49.0	20.0	32.5	55	5.0	50	25.0	25.0	52.0	8
CALIBER (J-335)	9	11	44	28	8	9.5	21.0	21.0	12	40	25.0	32.5	16.0	6	42.5	51	11.0	27.5	11.0	9
PST-YQ	16	19	14	30	10	49.0	11.5	38.5	34	19	34.0	11.0	13.5	10	17.0	30	9.0	5.0	40.0	10
UNIQUE (PST-C-76)	1	36	47	42	4	13.5	11.5	16.0	27	16	2.0	17.5	32.5	20	33.0	40	50.0	21.0	18.5	11
BAR VB 1169	5	8	33	31	48	16.0	9.0	22.0	6	36	28.0	30.0	28.5	5	15.0	55	13.0	32.0	28.0	12
BELMONT (798)	23	28	51	6	7	45.5	51.5	3.0	48	5	8.0	28.5	36.0	33	8.0	29	24.0	45.0	9.0	13
MONOPOLY	49	2	10	52	26	3.0	16.5	49.0	35	46	35.0	32.5	4.0	49	24.5	9	18.0	23.5	33.0	14
NUSTAR	20	23	42	10	43	13.5	1.0	40.0	16	32	38.0	12.0	40.0	31	44.0	16	4.0	13.0	43.0	15
FREEDOM	42	7	30	22	24	11.0	32.5	36.0	28	22	52.0	3.5	5.5	29	51.0	41	34.0	6.0	23.0	16
VOYAGER	8	6	8	38	17	31.5	14.5	23.0	13	31	48.0	40.5	36.0	38	28.0	8	44.5	22.0	16.0	17
BARMAX (BAR VB 7037)	4	25	15	56	46	28.0	5.5	51.0	14	49	22.0	20.0	28.5	13	4.0	20	7.0	29.0	12.0	18
SR 2000	11	37	57	19	39	36.5	5.5	2.0	8	9	17.0	44.5	24.5	27	39.0	13	36.0	23.5	57.0	19
LIVINGSTON	13	24	35	34	14	40.0	5.5	31.0	18	13	16.0	28.5	44.0	3	42.5	15	42.0	12.0	36.5	20
WASHINGTON	17	32	21	20	25	22.5	14.5	47.0	31	25	20.0	25.5	49.0	19	53.0	6	15.0	30.0	32.0	21
OPAL	15	22	36	45	18	56.0	16.5	4.0	11	41	21.0	35.0	17.0	46	14.0	38	6.0	38.0	26.0	22
MERIT	30	33	37	17	60	29.0	28.0	15.0	51	34	11.0	17.5	30.0	34	23.0	52	10.0	3.0	4.0	23
BARONIE (BAR VB 985)	7	5	25	15	19	54.0	21.0	44.0	22	11	42.0	44.5	41.5	37	21.0	37	57.0	10.0	7.0	24
NJIC	22	16	29	46	36	4.0	18.5	27.0	9	24	53.0	40.5	24.5	17	20.0	21	26.5	18.0	30.0	25
BARCELONA (BAR VB 1184)	14	61	48	5	61	60.0	53.5	19.0	10	14	14.0	1.0	32.5	2	6.5	31	44.5	19.0	31.0	26
BARON	55	40	19	7	45	31.5	24.5	8.0	32	28	19.0	23.0	24.5	51	35.5	22	51.0	1.0	10.0	27
HAGA	26	10	23	18	38	9.5	5.5	26.0	21	45	47.0	44.5	11.0	36	19.0	34	38.0	16.0	45.0	28
CYNTHIA	39	29	27	27	57	27.0	41.0	10.0	38	30	24.0	37.5	20.5	30	9.0	1	21.0	34.0	22.0	29
BARSWEET	27	35	50	50	40	30.0	28.0	5.0	3	6	26.0	25.5	20.5	24	22.0	54	40.0	48.0	25.0	30
PST-C-391	19	4	18	35	29	57.0	43.5	33.0	17	35	43.0	35.0	24.5	12	46.0	36	53.0	11.0	47.0	31
BRONCO	33	47	7	47	23	18.0	49.0	42.0	57	38	37.0	20.0	13.5	28	18.0	12	28.0	14.0	34.5	32
CREST	36	42	56	23	32	41.0	38.0	20.0	49	15	12.0	10.0	54.0	45	10.0	28	30.0	36.0	3.0	33
LIBERTY	45	13	38	9	22	39.0	30.5	37.0	43	12	36.0	59.0	5.5	41	49.0	44	59.0	17.0	34.5	34
PST-C-303	10	15	32	40	44	55.0	28.0	35.0	36	21	44.0	37.5	7.0	9	11.0	39	54.0	50.0	36.5	35
EVB 13.863	29	20	43	14	62	25.0	41.0	46.0	37	43	31.0	23.0	39.0	14	26.0	25	14.0	40.0	18.5	36
SUFFOLK	28	9	24	48	20	42.0	24.5	41.0	19	37	51.0	35.0	13.5	8	16.0	33	61.0	51.0	20.5	37
BA 74-017	46	26	45	26	37	43.5	46.0	17.0	26	23	4.0	49.5	49.0	44	12.0	18	35.0	33.0	15.0	38
NE 80-47	25	53	54	32	28	21.0	34.5	28.0	23	33	27.0	5.5	51.0	23	13.0	46	46.0	27.5	44.0	39
NUBLUE (J-229)	48	30	17	11	16	15.0	38.0	34.0	33	44	32.5	48.0	36.0	43	27.0	42	55.0	42.0	20.5	40
EVB 13.703	34	49	53	24	33	59.0	55.5	43.0	47	2	18.0	54.0	8.0	26	6.5	61	16.0	35.0	17.0	41
DELLWOOD (ZPS-84-749)	40	45	16	36	5	47.5	2.5	25.0	20	48	39.0	60.5	9.5	57	50.0	2	5.0	47.0	56.0	42
GNOME	53	38	34	21	11	47.5	43.5	11.0	58	51	13.0	31.0	18.0	50	29.0	47	37.0	8.0	42.0	43
FORTUNA	51	43	58	8	59	33.0	53.5	6.0	29	42	7.0	49.5	41.5	39	2.0	45	33.0	54.0	8.0	44
DESTINY	32	34	39	13	47	58.0	51.5	7.0	60	8	41.0	8.5	13.5	48	32.0	60	48.5	52.0	24.0	45

TABLE 3.
(CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS (LOW MAINTENANCE)
CULTIVARS AT NINETEEN LOCATIONS IN THE UNITED STATES
1991-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

NAME	CO1	DC1	IA1	ID3	IL2	KS2	MD1	MO3	NE1	NJ1	NJ2	NY1	OH1	OR1	PA1	RI1	UB1	VA6	WA1	MEAN
J-386	37	17	46	49	35	25.0	30.5	55.0	55	52	15.0	14.0	46.5	52	40.0	10	8.0	26.0	48.0	46
UNKNOWN	54	59	62	16	34	51.0	34.5	13.5	56	39	3.0	51.5	32.5	35	30.0	27	19.0	37.0	2.0	47
AMAZON	43	55	31	39	53	52.0	57.0	29.0	15	20	30.0	14.0	54.0	18	38.0	48	22.5	43.0	59.0	48
MIRACLE	38	56	22	1	58	45.5	60.0	52.0	24	53	29.0	39.0	52.0	16	24.5	43	58.0	57.0	14.0	49
KYOSTI	47	58	60	43	50	62.0	46.0	38.5	53	29	40.0	23.0	20.5	47	35.5	35	47.0	4.0	29.0	50
CHELSEA	52	54	40	44	30	12.0	55.5	53.0	45	56	32.5	14.0	57.0	25	52.0	57	20.0	41.0	46.0	51
BARZAN	35	48	41	29	52	6.0	50.0	45.0	62	50	46.0	57.5	44.0	32	47.0	7	56.0	60.0	53.5	52
BANJO (H76-1034)	31	21	20	53	31	7.0	32.5	56.0	41	47	56.0	53.0	49.0	56	56.0	24	60.0	53.0	50.0	53
PST-A7-111	57	50	11	54	27	5.0	46.0	58.0	46	55	58.0	55.0	38.0	59	55.0	53	12.0	49.0	53.5	54
MERION	41	41	61	37	15	61.0	62.0	48.0	50	27	50.0	44.5	46.5	15	62.0	62	31.0	31.0	41.0	55
ALENE	56	44	3	57	6	8.0	21.0	54.0	25	58	59.0	44.5	60.0	58	57.0	19	48.5	61.0	49.0	56
KWS PP 13-2	44	51	52	41	13	43.5	58.5	61.0	61	54	45.0	16.0	61.0	40	60.0	58	62.0	56.0	38.0	57
PARK	58	39	4	58	55	36.5	58.5	60.0	39	57	54.0	44.5	56.0	61	54.0	14	22.5	46.0	58.0	58
KENBLUE	60	12	6	61	21	34.0	11.5	50.0	44	61	61.0	60.5	59.0	54	58.0	32	39.0	58.0	61.0	59
MINNFINE (MN 2405)	59	27	2	62	49	22.5	48.0	57.0	54	60	62.0	62.0	58.0	53	48.0	56	41.0	59.0	62.0	60
BA 78-376	61	62	13	59	42	38.0	61.0	62.0	52	59	57.0	56.0	54.0	60	61.0	11	43.0	55.0	60.0	61
SOUTH DAKOTA CERT.	62	57	12	60	54	50.0	41.0	59.0	59	62	60.0	57.5	62.0	62	59.0	49	52.0	62.0	55.0	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.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE FOR EACH YEAR IN THE U.S.
1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/													
NAME	1991	1992	1993	1994	1995	MEAN	NAME	1991	1992	1993	1994	1995	MEAN
BAR VB 852	5.66	5.37	4.86	5.14	4.95	5.26	CREST	5.38	4.81	4.48	4.37	4.11	4.70
MIDNIGHT	5.69	5.59	4.73	4.92	4.25	5.18	LIBERTY	5.20	4.99	4.50	4.43	3.92	4.68
RAM-1	5.50	5.14	4.67	4.89	4.55	5.01	PST-C-303	5.44	4.93	4.30	4.19	3.84	4.68
BARTITIA	5.44	5.23	4.71	4.70	3.81	4.98	EVB 13.863	5.34	4.87	4.33	4.34	3.67	4.67
GEN-RSP	5.32	4.96	4.76	5.05	4.57	4.96	SUFFOLK	5.27	5.00	4.31	4.13	3.84	4.67
SOPHIA	5.47	5.11	4.80	4.82	3.97	4.96	BA 74-017	5.29	4.85	4.36	4.63	3.91	4.66
COBALT	5.50	5.21	4.69	4.68	4.09	4.95	NE 80-47	4.79	5.07	4.37	4.48	3.71	4.66
ISI-21	5.39	5.04	4.85	4.63	4.05	4.94	NUBLUE (J-229)	5.20	4.78	4.48	4.47	3.85	4.65
CALIBER (J-335)	5.32	5.30	4.72	4.71	3.76	4.91	EVB 13.703	4.88	5.03	4.52	4.57	4.19	4.65
PST-YQ	5.32	4.97	4.68	4.72	4.57	4.90	DELLWOOD (ZPS-84-749)	5.22	4.82	4.24	4.59	4.26	4.64
UNIQUE (PST-C-76)	5.32	5.15	4.55	4.61	4.29	4.89	GNOME	5.16	4.65	4.37	4.66	4.08	4.63
BAR VB 1169	5.37	5.30	4.69	4.53	3.64	4.88	FORTUNA	5.41	4.82	4.33	4.32	3.84	4.63
BELMONT (798)	5.34	5.05	4.60	4.60	4.49	4.86	DESTINY	5.12	4.72	4.40	4.44	3.81	4.62
MONOPOLY	5.17	4.98	4.60	4.86	4.05	4.86	J-386	4.95	4.87	4.46	4.39	3.91	4.61
NUSTAR	5.21	5.08	4.67	4.63	4.07	4.84	UNKNOWN	5.33	4.73	4.33	4.45	3.98	4.61
FREEDOM	5.26	4.95	4.55	4.55	4.16	4.84	AMAZON	4.82	4.87	4.30	4.41	3.98	4.56
VOYAGER	5.26	4.88	4.73	4.70	4.14	4.83	MIRACLE	5.00	4.69	4.24	4.31	4.05	4.53
BARMAX (BAR VB 7037)	5.47	5.10	4.54	4.53	3.49	4.82	KYOSTI	4.75	4.46	4.27	4.40	4.17	4.47
SR 2000	5.20	5.14	4.56	4.52	4.34	4.82	CHELSEA	4.85	4.70	4.20	4.32	3.66	4.46
LIVINGSTON	5.40	5.05	4.48	4.52	4.35	4.81	BARZAN	5.01	4.63	4.13	4.15	3.80	4.42
WASHINGTON	5.25	5.03	4.58	4.64	4.25	4.80	BANJO (H76-1034)	4.88	4.38	4.26	4.11	3.74	4.38
OPAL	5.37	5.18	4.52	4.45	3.74	4.79	PST-A7-111	4.96	4.45	4.23	3.94	3.68	4.34
MERIT	5.44	4.88	4.53	4.59	4.14	4.79	MERION	4.25	4.57	4.24	4.50	3.89	4.33
BARONIE (BAR VB 985)	5.41	5.01	4.56	4.53	4.09	4.79	ALENE	4.76	4.48	4.26	4.03	3.62	4.33
NJIC	5.10	4.94	4.74	4.52	4.05	4.79	KWS PP 13-2	4.42	4.52	4.00	4.17	3.65	4.24
BARCELONA (BAR VB 1184)	5.18	5.12	4.52	4.62	3.56	4.78	PARK	4.55	4.21	4.10	4.09	3.79	4.20
BARON	5.29	5.00	4.51	4.56	4.14	4.77	KENBLUE	4.49	4.25	4.28	3.95	3.32	4.17
HAGA	5.27	4.79	4.62	4.53	4.14	4.77	MINNFINE (MN 2405)	4.41	4.04	4.01	3.77	3.32	4.01
CYNTHIA	5.34	5.02	4.44	4.55	4.04	4.76	BA 78-376	4.26	3.83	3.91	3.88	3.80	3.96
BARSWEET	5.28	5.12	4.31	4.40	3.52	4.74	SOUTH DAKOTA CERT.	4.07	3.94	3.95	3.87	3.30	3.90
PST-C-391	5.36	4.96	4.38	4.34	4.15	4.72							
BRONCO	5.31	4.83	4.32	4.46	4.31	4.71	LSD VALUE	0.26	0.28	0.27	0.32	0.44	0.19

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.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE FOR EACH YEAR IN THE U.S.
1991-1995 DATA

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

NAME	1991	1992	1993	1994	1995	MEAN	NAME	1991	1992	1993	1994	1995	MEAN
BAR VB 852	2	2	1	1	1.0	1	BRONCO	26	40	43	36	8.0	32
MIDNIGHT	1	1	6	3	12.0	2	CREST	14	43	30	45	21.0	33
RAM-1	3	9	14	4	4.0	3	LIBERTY	39	26	29	40	34.0	34
BARTITIA	9	5	9	9	42.0	4	PST-C-303	8	33	47	51	39.0	35
GEN-RSP	25	29	4	2	2.0	5	EVV 13.863	18	36	42	47	52.0	36
SOPHIA	6	13	3	6	33.0	6	SUFFOLK	31	25	45	54	40.0	37
COBALT	4	6	10	11	22.0	7	BA 74-017	28	39	39	15	36.0	38
ISI-21	13	19	2	16	27.0	8	NE 80-47	53	16	37	34	50.0	39
CALIBER (J-335)	23	4	8	8	47.0	9	NUBLUE (J-229)	37	45	32	35	38.0	40
PST-YQ	24	28	12	7	3.0	10	EVV 13.703	50	21	25	22	13.0	41
UNIQUE (PST-C-76)	22	8	21	18	9.0	11	DELLWOOD (ZPS-84-749)	35	41	52	20	10.0	42
BAR VB 1169	15	3	11	28	55.0	12	GNOME	42	50	38	12	24.0	43
BELMONT (798)	20	18	17	19	5.0	13	FORTUNA	10	42	40	48	41.0	44
MONOPOLY	41	27	16	5	28.0	14	DESTINY	43	47	35	39	43.0	45
NUSTAR	36	15	13	14	25.0	15	J-386	48	37	33	44	35.0	46
FREEDOM	32	31	22	24	15.0	16	UNKNOWN	21	46	41	38	32.0	47
VOYAGER	33	34	7	10	19.0	17	AMAZON	52	38	46	41	31.0	48
BARMAX (BAR VB 7037)	5	14	23	29	59.0	18	MIRACLE	46	49	54	50	29.0	49
SR 2000	38	10	20	31	7.0	19	KYOSTI	55	55	49	43	14.0	50
LIVINGSTON	12	17	31	32	6.0	20	CHELSEA	51	48	56	49	53.0	51
WASHINGTON	34	20	18	13	11.0	21	BARZAN	45	51	57	53	45.0	52
OPAL	16	7	27	37	49.0	22	BANJO (H76-1034)	49	57	50	55	48.0	53
MERIT	7	35	24	21	17.5	23	PST-A7-111	47	56	55	59	51.0	54
BARONIE (BAR VB 985)	11	23	19	26	23.0	24	MERION	61	52	53	33	37.0	55
NJIC	44	32	5	30	26.0	25	ALENE	54	54	51	57	56.0	56
BARCELONA (BAR VB 1184)	40	12	26	17	57.0	26	KWS PP 13-2	58	53	60	52	54.0	57
BARON	27	24	28	23	17.5	27	PARK	56	59	58	56	46.0	58
HAGA	30	44	15	27	20.0	28	KENBLUE	57	58	48	58	60.0	59
CYNTHIA	19	22	34	25	30.0	29	MINNFINE (MN 2405)	59	60	59	62	61.0	60
BARSWEEP	29	11	44	42	58.0	30	BA 78-376	60	62	62	60	44.0	61
PST-C-391	17	30	36	46	16.0	31	SOUTH DAKOTA CERT.	62	61	61	61	62.0	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 4.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 6. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

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

NAME	ID3	MO3	NE1	NJ1	OH1	PA1	VA6	MEAN
MIDNIGHT	7.3	7.3	7.4	7.3	8.2	8.0	7.2	7.5
BEIMONT (798)	6.5	7.5	6.6	7.7	7.3	7.0	6.8	7.1
OPAL	5.8	7.5	6.2	8.7	7.5	6.4	6.5	7.0
BARSWEET	6.0	7.2	6.7	7.7	7.3	6.6	6.2	6.8
SR 2000	6.8	6.6	6.8	5.7	8.0	6.7	7.0	6.8
KYGSTI	7.2	6.6	5.9	7.3	7.8	6.1	6.3	6.8
BA 74-017	7.2	6.7	6.4	7.0	7.2	6.4	6.3	6.7
DESTINY	7.2	6.5	6.7	6.3	7.2	6.4	6.3	6.7
FORTUNA	6.8	6.8	6.8	5.7	7.5	6.3	6.5	6.6
UNKNOWN	6.8	6.8	6.6	6.0	7.2	6.0	6.8	6.6
UNIQUE (PST-C-76)	6.5	6.6	6.4	6.0	7.2	6.8	6.7	6.6
CREST	6.7	7.0	6.4	6.3	7.5	6.0	6.2	6.6
BARON	6.0	6.9	6.4	6.3	7.5	6.3	6.5	6.6
CYNTHIA	6.7	6.8	6.1	8.0	7.2	6.2	4.8	6.5
GNOME	6.8	6.7	6.6	5.3	7.5	6.1	6.7	6.5
RAM-1	7.2	7.2	6.0	6.0	7.3	6.1	5.8	6.5
MERIT	6.5	6.6	6.4	5.7	7.2	6.2	6.7	6.5
BARCELONA (BAR VB 1184)	6.0	6.7	6.2	7.7	6.8	6.4	5.3	6.5
COBALT	6.2	6.7	6.4	6.3	7.2	6.1	6.2	6.4
MIRACLE	6.7	5.9	6.3	7.3	7.0	6.1	5.7	6.4
AMAZON	5.3	6.4	6.2	6.7	7.0	6.9	5.7	6.3
SOHIA	6.2	6.2	5.8	7.0	7.2	6.1	5.7	6.3
BARTITIA	5.2	6.1	6.3	7.7	7.0	6.3	5.2	6.3
CALIBER (J-335)	5.8	6.4	6.1	6.3	6.7	5.7	6.2	6.2
EVB 13.703	5.5	6.4	5.7	6.3	7.0	6.2	6.0	6.2
BAR VB 1169	5.5	6.2	6.3	6.7	7.0	5.4	5.8	6.1
KWS PP 13-2	6.8	5.8	5.8	5.7	7.3	6.0	5.5	6.1
BARZAN	6.2	5.8	6.0	7.0	7.0	5.8	5.0	6.1
NE 80-47	5.7	6.6	6.3	5.3	7.0	6.3	5.3	6.1
LIBERTY	6.0	6.6	6.0	5.3	7.0	5.8	5.7	6.1
DELLWOOD (ZPS-84-749)	6.2	6.2	6.0	6.0	7.0	6.1	4.8	6.0
CHELSEA	6.2	5.9	5.9	5.3	7.2	6.3	4.8	5.9
NUSTAR	5.8	6.0	6.0	5.7	6.8	5.4	5.8	5.9
LIVINGSTON	5.0	5.9	5.7	5.7	7.2	5.9	6.2	5.9
BRONCO	4.7	6.3	6.0	5.7	6.8	5.1	6.3	5.8
MERION	5.7	6.3	5.8	5.3	7.0	5.8	5.0	5.8
PST-C-391	5.0	6.0	5.7	5.7	6.8	5.4	6.0	5.8
J-386	5.7	6.0	5.6	4.3	7.0	6.1	5.0	5.7
NUBLUE (J-229)	4.3	6.3	6.0	5.3	7.0	5.2	5.2	5.6
BARONIE (BAR VB 985)	4.3	5.8	5.8	5.3	6.5	5.3	5.7	5.5
BARMAX (BAR VB 7037)	3.5	5.8	5.7	6.3	6.3	5.4	5.7	5.5
MINNFINE (MN 2405)	5.3	5.5	6.1	4.0	7.2	6.0	4.5	5.5
EVB 13.863	5.0	5.9	5.7	4.0	7.0	5.7	4.7	5.4
NJIC	5.3	5.9	5.4	5.3	6.3	5.3	4.2	5.4
PST-C-303	4.3	6.2	6.1	4.7	6.3	5.3	4.8	5.4

TABLE 6. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CNT'D) GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	ID3	MO3	NE1	NJ1	OH1	PA1	VA6	MEAN
PST-A7-111	5.2	5.7	5.7	5.0	6.5	5.2	4.2	5.3
ALENE	5.5	6.2	5.7	4.0	6.8	5.4	3.7	5.3
VOYAGER	4.3	6.3	5.4	4.3	6.5	5.7	4.7	5.3
FREEDOM	3.8	6.0	5.8	4.3	6.2	5.1	6.0	5.3
WASHINGTON	4.7	6.1	5.2	5.3	6.3	4.9	4.5	5.3
SUFFOLK	3.7	5.8	5.7	5.0	6.5	5.1	5.2	5.3
SOUTH DAKOTA CERT.	4.8	5.8	5.2	3.7	7.0	5.9	4.3	5.2
BANJO (H76-1034)	4.8	6.1	5.4	4.0	6.7	5.2	4.3	5.2
KENBLUE	4.5	6.2	5.6	3.7	7.2	5.7	3.7	5.2
HAGA	3.3	5.6	5.8	4.3	6.3	5.4	5.0	5.1
GEN-RSP	4.0	6.2	5.2	4.3	5.8	5.2	3.8	4.9
ISI-21	3.8	6.1	5.7	2.7	6.0	5.4	4.7	4.9
BA 78-376	3.8	5.3	5.7	3.0	6.3	5.0	5.2	4.9
PST-YQ	3.8	6.1	5.1	3.0	6.0	5.0	5.2	4.9
MONOPOLY	2.3	5.8	5.4	3.7	6.0	4.9	5.0	4.7
PARK	4.0	5.3	5.3	3.0	6.5	4.9	4.0	4.7
BAR VB 852	2.5	5.8	4.9	4.0	5.5	4.7	4.2	4.5
LSD VALUE	1.6	1.0	0.7	1.2	0.5	0.9	0.9	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 7. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

NAME	SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 1/										MEAN
	ID3	IL2	MO3	NE1	NJ1	OH1	PA1	RI1	UB1	VA6	
NJIC	6.1	6.3	5.2	7.3	6.3	5.7	3.0	5.0	6.4	7.7	5.9
SR 2000	6.2	5.3	7.3	6.0	6.7	5.7	3.5	4.3	4.9	6.7	5.7
NE 80-47	5.7	6.0	5.7	6.0	6.7	6.0	2.5	6.0	5.2	6.3	5.6
GEN-RSP	5.3	8.3	5.3	6.3	4.3	6.0	2.8	5.0	6.5	5.7	5.6
DELLWOOD (ZPS-84-749)	5.2	6.3	5.3	5.7	6.7	6.3	1.8	5.0	6.6	5.7	5.5
WASHINGTON	6.2	7.0	4.8	6.0	7.3	6.0	2.3	4.3	5.3	5.3	5.5
PST-C-391	5.5	5.7	5.0	6.0	5.7	6.7	2.8	4.3	5.3	7.3	5.4
VOYAGER	5.8	6.3	5.3	6.3	4.3	6.0	2.2	5.0	5.2	7.3	5.4
PST-A7-111	4.9	7.0	4.5	5.7	5.3	6.3	3.0	5.7	5.7	5.3	5.3
PARK	5.2	5.3	4.2	6.7	6.3	6.3	2.8	5.0	6.4	5.0	5.3
J-386	4.8	5.3	5.8	6.0	7.0	6.0	2.3	4.7	4.8	6.3	5.3
BELMONT (798)	5.3	6.3	6.8	5.3	6.0	5.7	3.0	4.7	4.6	5.0	5.3
EVB 13.703	4.8	5.7	5.0	5.0	5.0	5.7	2.7	4.3	5.8	8.0	5.2
DESTINY	5.5	5.7	6.2	5.7	5.3	5.3	3.7	4.3	4.8	5.3	5.2
UNIQUE (PST-C-76)	5.4	7.0	6.0	5.3	5.0	5.7	3.2	3.3	3.8	7.0	5.2
MERION	4.8	5.3	5.3	6.0	7.0	5.7	3.2	4.0	4.8	5.3	5.1
COBALT	5.8	5.0	5.3	5.7	6.3	5.7	2.5	4.0	4.5	6.3	5.1
ALENE	4.8	6.7	4.0	5.7	6.3	5.0	1.5	6.0	5.6	4.3	5.0
RAM-1	5.4	5.0	5.3	5.3	5.3	5.3	2.0	4.7	5.5	6.0	5.0
KWS PP 13-2	3.9	6.3	5.3	5.7	6.0	5.0	2.3	4.0	4.9	6.3	5.0
BA 78-376	4.8	5.7	3.3	5.3	6.7	6.0	2.0	5.3	6.3	4.3	5.0
NUBLUE (J-229)	5.6	6.7	5.0	5.3	3.7	5.3	2.3	4.3	4.9	6.3	5.0
PST-C-303	4.8	5.3	4.8	5.7	5.0	5.7	2.5	4.7	5.1	6.0	5.0
HAGA	5.6	4.3	5.8	5.3	4.0	5.7	2.8	4.7	5.2	6.0	4.9
BAR VB 1169	5.8	5.0	5.5	5.0	6.0	4.7	2.3	4.0	4.8	5.7	4.9
CALIBER (J-335)	5.3	6.7	5.2	4.3	6.0	5.3	2.2	4.3	4.5	5.0	4.9
CHELSEA	4.0	5.7	5.7	6.0	6.3	4.3	1.7	4.0	4.7	6.3	4.9
PST-YQ	5.0	4.7	5.2	6.0	3.3	6.0	2.5	4.3	5.3	6.3	4.9
ISI-21	4.6	7.0	5.5	6.0	3.0	5.7	3.5	3.7	4.8	4.7	4.8
BARONIE (BAR VB 985)	5.8	4.3	4.8	5.7	5.0	5.3	1.8	4.3	4.2	6.7	4.8
MIRACLE	6.3	4.7	5.3	5.3	4.0	6.0	2.5	4.3	4.4	5.0	4.8
LIVINGSTON	4.8	5.0	4.8	5.7	6.0	5.0	2.5	4.3	4.5	5.0	4.8
NUSTAR	4.6	5.7	5.3	5.3	6.7	5.7	1.7	4.3	3.6	4.7	4.8
KENBLUE	3.9	7.3	4.8	5.3	5.0	5.0	1.3	5.7	5.3	3.3	4.7
LIBERTY	5.6	4.7	5.2	5.0	4.7	5.3	2.5	4.0	4.6	5.3	4.7
KYOSTI	4.6	5.0	5.5	5.7	4.3	6.3	2.5	4.0	3.6	5.3	4.7
MIDNIGHT	5.5	4.7	7.5	5.7	3.0	5.3	3.2	4.0	2.8	5.0	4.7
OPAL	5.8	5.3	6.0	3.7	3.7	5.7	2.0	4.7	4.2	5.7	4.7
MONOPOLY	3.8	7.0	5.2	5.0	3.3	5.7	1.7	5.0	5.2	4.7	4.7
FREEDOM	5.4	3.3	4.8	5.7	3.3	5.3	2.3	4.0	5.5	6.7	4.6
BANJO (H76-1034)	4.8	3.0	5.0	6.3	4.7	5.3	2.3	5.0	5.8	4.0	4.6
BARMAX (BAR VB 7037)	6.1	4.7	4.8	4.7	3.3	5.7	2.5	3.7	4.2	6.7	4.6
MERIT	6.1	2.7	5.5	5.7	2.3	5.3	3.0	4.7	4.5	6.0	4.6
UNKNOWN	5.6	4.7	5.5	5.7	2.3	5.0	2.3	4.7	4.0	6.0	4.6
SUFFOLK	5.1	5.7	4.8	5.3	2.7	5.3	2.2	4.0	5.2	5.3	4.6

TABLE 7.
(CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	ID3	IL2	MO3	NE1	NJ1	OH1	PA1	RI1	UB1	VA6	MEAN
MINNFINE (MN 2405)	3.4	5.7	4.8	4.3	5.0	6.7	2.0	5.7	4.8	3.0	4.5
CYNTHIA	5.9	5.0	4.7	3.7	2.7	5.3	2.8	4.7	4.4	6.0	4.5
BAR VB 852	5.3	5.0	5.5	4.7	1.3	5.7	3.2	4.7	4.4	5.3	4.5
GNOME	5.5	5.7	5.3	5.0	2.3	4.7	2.7	4.3	3.8	5.7	4.5
BARON	5.9	4.7	6.0	6.0	1.0	5.3	3.0	4.3	3.3	5.3	4.5
BARTITIA	5.8	5.7	4.7	4.3	1.7	5.0	2.3	4.0	3.8	7.0	4.4
AMAZON	4.6	7.0	6.2	4.7	3.0	6.0	2.0	4.0	3.5	3.0	4.4
BA 74-017	6.1	4.7	5.7	4.3	2.0	5.0	3.2	4.0	3.7	5.3	4.4
EVB 13.863	5.5	3.0	4.8	4.7	2.7	5.7	3.0	5.3	4.6	4.7	4.4
BARCELONA (BAR VB 1184)	5.7	2.3	4.7	5.7	3.3	6.0	2.2	3.7	4.4	6.0	4.4
FORTUNA	5.9	3.7	4.8	5.7	3.3	5.0	3.0	4.3	3.4	4.7	4.4
SOUTH DAKOTA CERT.	4.2	5.0	4.2	5.3	4.0	4.0	0.7	6.3	5.7	4.3	4.4
CREST	5.4	3.7	5.2	5.7	2.7	5.7	2.7	4.3	3.3	4.7	4.3
SOPHIA	5.0	7.7	5.7	4.7	2.0	4.7	1.7	3.7	3.5	4.3	4.3
BRONCO	5.3	3.7	4.8	5.0	2.0	4.7	2.5	4.3	3.8	4.7	4.1
BARZAN	4.4	5.3	4.8	4.7	4.7	5.3	0.3	4.3	3.6	2.7	4.0
BARSWEEP	4.2	5.0	6.3	4.0	1.3	5.3	2.2	3.0	2.7	5.3	3.9
LSD VALUE	1.5	2.9	1.3	1.0	1.4	1.0	0.9	1.1	1.2	1.8	0.5

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

TABLE 8.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	ID3	MO3	MEAN	NAME	ID3	MO3	MEAN
MINNFINE (MN 2405)	9.0	8.7	8.8	EVV 13.703	7.0	6.3	6.6
DELLWOOD (ZPS-84-749)	9.0	7.8	8.4	LIBERTY	7.3	5.9	6.6
KENBLUE	9.0	7.8	8.4	NJIC	7.3	5.9	6.6
CYNTHIA	8.3	7.8	8.0	PST-YQ	7.0	6.2	6.6
PST-A7-111	8.7	7.2	7.9	BAR VB 1169	7.3	5.8	6.6
SOUTH DAKOTA CERT.	8.3	6.8	7.6	PST-C-391	7.0	6.1	6.5
EVV 13.863	8.0	6.9	7.5	CALIBER (J-335)	7.0	6.0	6.5
BA 78-376	8.3	6.5	7.4	BANJO (H76-1034)	7.0	5.9	6.5
AMAZON	8.0	6.7	7.3	FREEDOM	6.7	6.3	6.5
MIDNIGHT	8.3	6.3	7.3	SUFFOLK	7.0	5.9	6.5
PARK	8.0	6.7	7.3	UNKNOWN	7.3	5.6	6.5
GEN-RSP	7.3	7.3	7.3	HAGA	6.7	6.2	6.4
OPAL	8.0	6.6	7.3	BARONIE (BAR VB 985)	6.7	6.0	6.3
BARMAX (BAR VB 7037)	7.7	6.8	7.3	ISI-21	6.3	6.2	6.3
BARSWREET	8.3	6.1	7.2	COBALT	6.7	5.8	6.2
ALENE	7.7	6.7	7.2	CREST	7.0	5.4	6.2
BARTITIA	8.0	6.2	7.1	KWS PP 13-2	6.7	5.7	6.2
SOPHIA	8.0	6.1	7.0	PST-C-303	5.7	6.4	6.0
UNIQUE (PST-C-76)	7.7	6.3	7.0	MONOPOLY	6.3	5.8	6.0
WASHINGTON	7.3	6.7	7.0	DESTINY	6.0	5.8	5.9
BARZAN	7.7	6.3	7.0	BA 74-017	6.3	5.3	5.8
MIRACLE	8.0	5.9	7.0	MERION	6.0	5.5	5.8
J-386	7.7	6.2	6.9	BARON	5.7	5.8	5.7
NUBLUE (J-229)	7.7	6.2	6.9	FORTUNA	6.0	5.4	5.7
BAR VB 852	7.0	6.8	6.9	LIVINGSTON	6.0	5.3	5.7
KYOSTI	7.7	6.1	6.9	GNOME	6.0	5.3	5.6
RAM-1	7.3	6.4	6.9	MERIT	5.7	5.1	5.4
NUSTAR	7.7	6.0	6.8	BRONCO	5.0	5.1	5.0
VOYAGER	7.3	6.3	6.8	SR 2000	5.0	5.0	5.0
NE 80-47	7.0	6.4	6.7	BELMONT (798)	4.0	5.0	4.5
BARCELONA (BAR VB 1184)	7.3	6.1	6.7				
CHELSEA	7.3	6.1	6.7	LSV VALUE	1.1	0.8	0.7

1/ LEAF TEXTURE RATED AT "ID3" IN 1991 AND AT "MO3" IN 1991-1994.

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 9. WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

NAME	DC1	NAME	DC1
PST-C-391	7.3	BRONCO	4.3
SUFFOLK	6.7	EVB 13.863	4.3
GEN-RSP	6.3	FORTUNA	4.3
MONOPOLY	6.3	KENBLUE	4.3
UNIQUE (PST-C-76)	6.3	BELMONT (798)	4.0
FREEDOM	6.0	DELLWOOD (ZPS-84-749)	4.0
HAGA	6.0	EVB 13.703	4.0
BAR VB 852	5.7	J-386	4.0
BARONIE (BAR VB 985)	5.7	LIVINGSTON	4.0
CYNTHIA	5.7	MINNFINE (MN 2405)	4.0
NJIC	5.7	PST-A7-111	4.0
BAR VB 1169	5.3	PST-YQ	4.0
CALIBER (J-335)	5.3	BARSWEEP	3.7
DESTINY	5.3	GNOME	3.7
ISI-21	5.3	MERIT	3.7
LIBERTY	5.3	MIRACLE	3.7
RAM-1	5.3	NUBLUE (J-229)	3.7
VOYAGER	5.3	SOPHIA	3.7
BARMAX (BAR VB 7037)	5.0	ALENE	3.3
COBALT	5.0	SOUTH DAKOTA CERT.	3.3
NUSTAR	5.0	SR 2000	3.3
OPAL	5.0	CHELSEA	3.0
PST-C-303	5.0	MERION	3.0
WASHINGTON	5.0	MIDNIGHT	3.0
BANJO (H76-1034)	4.7	NE 80-47	3.0
CREST	4.7	UNKNOWN	2.7
KWS PP 13-2	4.7	BARCELONA (BAR VB 1184)	2.3
PARK	4.7	KYOSTI	2.3
AMAZON	4.3	BARTITIA	2.0
BA 74-017	4.3	BARZAN	2.0
BA 78-376	4.3		
BARON	4.3	LSD VALUE	1.8

1/ WEAR TOLERANCE RATED IN 1992 ONLY.

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 10.

SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

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

NAME	CO1	MO3	NJ1	OR3	UB1	MEAN	NAME	CO1	MO3	NJ1	OR3	UB1	MEAN
ISI-21	7.7	7.3	8.3	5.3	8.7	7.5	DESTINY	5.7	7.7	6.7	5.3	6.7	6.4
BAR VB 852	6.7	8.3	8.0	5.3	9.0	7.5	EVV 13.863	5.0	7.7	6.3	4.7	8.3	6.4
BARONIE (BAR VB 985)	6.7	7.7	8.0	6.0	8.3	7.3	GEN-RSP	4.7	8.0	5.7	5.3	8.3	6.4
SUFFOLK	6.0	8.3	8.0	5.7	8.7	7.3	NUBLUE (J-229)	5.3	7.3	6.3	4.7	8.3	6.4
MONOPOLY	7.3	7.0	8.0	5.3	9.0	7.3	PST-C-391	5.7	9.0	5.0	5.7	6.7	6.4
PST-YQ	7.0	8.3	7.3	5.3	8.3	7.3	EVV 13.703	5.0	7.7	6.0	5.0	8.0	6.3
VOYAGER	5.7	8.0	8.7	5.0	9.0	7.3	BARCELONA (BAR VB 1184)	6.3	7.0	3.7	6.0	8.3	6.3
KENBLUE	7.3	7.0	8.3	4.7	9.0	7.3	PST-A7-111	6.7	6.3	7.0	5.3	6.0	6.3
BARTITIA	6.3	7.7	8.0	5.7	8.3	7.2	UNIQUE (PST-C-76)	6.0	7.3	5.3	5.3	7.0	6.2
OPAL	6.0	7.3	8.3	6.0	8.0	7.1	BARMAX (BAR VB 7037)	6.0	8.0	4.7	5.0	7.0	6.1
PARK	7.3	6.7	8.0	5.3	8.3	7.1	BA 74-017	5.7	7.3	4.7	4.3	8.7	6.1
BRONCO	6.3	8.0	7.7	4.7	8.7	7.1	WASHINGTON	6.3	8.0	2.3	5.3	8.7	6.1
FREEDOM	4.7	8.0	8.3	5.7	8.7	7.1	BAR VB 1169	6.7	7.7	1.7	5.3	9.0	6.1
HAGA	6.0	7.7	7.3	5.7	8.7	7.1	MIDNIGHT	5.7	6.7	5.7	5.3	7.0	6.1
MINNFINE (MN 2405)	7.0	6.7	7.7	5.3	8.7	7.1	PST-C-303	5.7	7.7	4.7	5.7	6.3	6.0
ALENE	6.7	6.3	8.7	5.0	8.7	7.1	RAM-1	5.0	7.0	3.7	5.3	9.0	6.0
BA 78-376	6.3	6.3	8.7	5.0	9.0	7.1	CALIBER (J-335)	6.3	7.3	2.7	5.3	8.0	5.9
BARON	4.7	7.7	8.7	5.3	8.7	7.0	J-386	6.7	6.3	2.7	5.3	8.3	5.9
DELLWOOD (ZPS-84-749)	6.3	7.7	8.0	5.0	8.0	7.0	BARSWEEP	4.3	6.3	6.3	5.0	7.0	5.8
BANJO (H76-1034)	6.3	7.0	8.3	4.3	8.7	6.9	BELMONT (798)	4.0	7.7	4.3	5.3	7.7	5.8
GNOME	6.0	8.7	7.7	4.7	7.3	6.9	NE 80-47	4.7	7.7	2.3	5.3	8.0	5.6
LIBERTY	6.0	8.0	7.7	5.7	7.0	6.9	SOPHIA	6.0	7.7	3.3	4.7	6.3	5.6
MERIT	6.0	6.7	7.7	5.7	8.3	6.9	SR 2000	6.7	6.3	2.0	5.0	8.0	5.6
UNKNOWN	5.0	7.7	7.3	5.7	8.3	6.8	BARZAN	4.0	7.0	4.0	5.3	7.3	5.5
CREST	5.7	7.7	7.0	5.0	8.3	6.7	COBALT	5.7	7.3	2.0	5.3	7.3	5.5
FORTUNA	4.3	8.0	7.7	5.3	8.3	6.7	LIVINGSTON	6.0	7.0	4.3	5.0	5.0	5.5
NJIC	5.7	7.0	7.0	5.3	8.7	6.7	NUSTAR	6.0	6.0	1.7	5.3	7.7	5.3
SOUTH DAKOTA CERT.	6.7	5.3	7.7	5.0	8.7	6.7	CHELSEA	5.3	5.0	1.0	4.7	7.0	4.6
AMAZON	5.3	7.7	7.3	5.3	7.7	6.7	KWS PP 13-2	4.7	5.0	1.0	5.0	3.7	3.9
CYNTHIA	6.0	7.3	6.3	5.3	8.3	6.7	MERION	4.0	5.7	1.0	5.0	1.3	3.4
KYOSTI	5.3	7.3	8.0	4.7	8.0	6.7							
MIRACLE	5.0	7.7	7.3	5.3	8.0	6.7	LSD VALUE	2.1	1.8	1.2	0.9	1.8	0.7

1/ SEEDLING VIGOR RATED IN 1991.

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 11.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/			NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/		
	MO3	OH1	MEAN		MO3	OH1	MEAN
BAR VB 852	8.0	7.7	7.8	EVB 13.863	7.8	5.7	6.8
ISI-21	8.1	7.0	7.5	MERIT	7.5	6.0	6.8
PST-YQ	7.9	7.0	7.5	CALIBER (J-335)	7.4	6.0	6.7
BARTITIA	8.3	6.3	7.3	PST-C-391	7.4	6.0	6.7
RAM-1	8.0	6.7	7.3	NUBLUE (J-229)	7.7	5.7	6.7
LIBERTY	7.5	7.0	7.3	DESTINY	7.3	6.0	6.7
PST-C-303	7.8	6.7	7.3	NJIC	7.6	5.7	6.6
VOYAGER	8.2	6.3	7.3	COBALT	7.5	5.7	6.6
MIDNIGHT	8.4	6.0	7.2	UNKNOWN	7.2	6.0	6.6
BARSWEET	8.3	6.0	7.2	AMAZON	7.8	5.3	6.6
FORTUNA	7.9	6.3	7.1	NE 80-47	7.4	5.7	6.5
HAGA	7.6	6.7	7.1	KYOSTI	7.1	6.0	6.5
BARMAX (BAR VB 7037)	7.5	6.7	7.1	LIVINGSTON	7.8	5.3	6.5
MONOPOLY	7.5	6.7	7.1	MINNFINE (MN 2405)	7.1	6.0	6.5
BARCELONA (BAR VB 1184)	8.1	6.0	7.0	BARON	7.3	5.7	6.5
SR 2000	8.1	6.0	7.0	NUSTAR	7.3	5.7	6.5
BARONIE (BAR VB 985)	7.3	6.7	7.0	SUFFOLK	7.3	5.7	6.5
CYNTHIA	7.9	6.0	7.0	BA 74-017	7.6	5.3	6.5
FREEDOM	7.9	6.0	7.0	KENBLUE	6.6	6.3	6.5
BRONCO	7.2	6.7	6.9	PST-A7-111	7.1	5.7	6.4
BAR VB 1169	8.2	5.7	6.9	BA 78-376	6.6	6.0	6.3
GNOME	7.8	6.0	6.9	BANJO (H76-1034)	6.8	5.7	6.3
OPAL	7.8	6.0	6.9	CREST	7.2	5.3	6.3
UNIQUE (PST-C-76)	8.2	5.7	6.9	J-386	6.8	5.7	6.3
WASHINGTON	7.8	6.0	6.9	PARK	6.8	5.7	6.2
BELMONT (798)	8.0	5.7	6.8	ALENE	6.7	5.7	6.2
SOPHIA	7.9	5.7	6.8	CHELSEA	7.0	5.3	6.2
DELLWOOD (ZPS-84-749)	7.6	6.0	6.8	MERION	7.3	4.7	6.0
GEN-RSP	7.6	6.0	6.8	SOUTH DAKOTA CERT.	6.3	5.0	5.7
MIRACLE	7.6	6.0	6.8	KWS PP 13-2	6.8	4.3	5.5
BARZAN	7.8	5.7	6.8				
EVB 13.703	7.5	6.0	6.8	LSD VALUE	0.8	1.1	0.7

1/ SPRING DENSITY RATED AT "OH1" IN 1991 AND AT "MO3" IN 1991-94.

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 12.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/									
NAME	ID3	MO3	OH1	MEAN	NAME	ID3	MO3	OH1	MEAN
RAM-1	7.5	6.2	7.7	7.1	MONOPOLY	5.2	6.2	7.0	6.1
BAR VB 852	7.0	6.9	7.3	7.1	WASHINGTON	5.8	5.8	6.7	6.1
OPAL	7.0	7.0	6.7	6.9	FORTUNA	6.3	6.3	5.7	6.1
BARCELONA (BAR VB 1184)	7.5	6.8	6.3	6.9	PARK	5.5	5.7	7.0	6.1
VOYAGER	6.5	6.7	7.3	6.8	J-386	6.3	5.4	6.3	6.0
GEN-RSP	6.7	6.8	6.7	6.7	KENBLUE	5.7	6.1	6.3	6.0
CYNTHIA	6.2	7.0	6.7	6.6	DESTINY	5.0	6.0	7.0	6.0
PST-YQ	6.5	6.3	7.0	6.6	COBALT	5.7	6.3	6.0	6.0
BARMAX (BAR VB 7037)	7.5	5.9	6.3	6.6	BA 74-017	5.8	6.1	6.0	6.0
NJIC	6.0	6.7	7.0	6.6	EVV 13.703	5.5	6.0	6.3	5.9
BARTITIA	7.3	6.3	6.0	6.6	MINNFINE (MN 2405)	5.3	5.8	6.7	5.9
BARON	6.3	6.2	7.0	6.5	PST-C-303	5.0	5.8	7.0	5.9
EVV 13.863	7.8	5.8	6.0	6.5	CREST	5.5	6.3	6.0	5.9
HAGA	6.3	6.2	7.0	6.5	BELMONT (798)	5.3	6.7	5.7	5.9
MIRACLE	7.8	5.6	6.0	6.5	NE 80-47	5.8	5.8	6.0	5.9
BAR VB 1169	6.7	7.0	5.7	6.4	LIVINGSTON	5.2	6.4	6.0	5.9
GNOME	6.5	6.2	6.7	6.4	UNIQUE (PST-C-76)	4.8	5.8	7.0	5.9
LIBERTY	6.7	5.9	6.7	6.4	BRONCO	4.8	5.9	6.7	5.8
MERIT	6.2	6.4	6.7	6.4	BANJO (H76-1034)	5.0	5.3	7.0	5.8
DELLWOOD (ZPS-84-749)	6.7	6.2	6.3	6.4	PST-A7-111	5.0	5.9	6.3	5.8
NUBLUE (J-229)	6.7	6.2	6.3	6.4	PST-C-391	4.7	5.9	6.7	5.8
NUSTAR	6.8	6.0	6.3	6.4	SUFFOLK	4.8	5.8	6.7	5.8
BARONIE (BAR VB 985)	6.0	6.4	6.7	6.4	BARZAN	5.2	6.3	5.7	5.7
CALIBER (J-335)	6.2	6.3	6.7	6.4	MERION	6.0	6.1	5.0	5.7
ISI-21	4.8	7.3	7.0	6.4	ALENE	5.5	5.4	6.0	5.6
BARSWEEP	6.5	6.4	6.0	6.3	BA 78-376	5.8	4.4	6.7	5.6
SOPHIA	6.3	6.4	6.0	6.3	SR 2000	3.8	6.6	5.7	5.4
KYOSTI	6.7	5.3	6.7	6.2	CHELSEA	5.7	4.8	5.3	5.3
MIDNIGHT	5.7	7.0	6.0	6.2	KWS PP 13-2	5.5	4.8	4.7	5.0
AMAZON	6.5	6.1	6.0	6.2	SOUTH DAKOTA CERT.	4.3	5.4	5.0	4.9
UNKNOWN	5.8	6.3	6.3	6.2					
FREEDOM	5.5	6.2	6.7	6.1	LSD VALUE	2.1	1.0	1.5	0.9

1/ SUMMER DENSITY RATED AT "ID3" IN 1991 & 1994, AT "OH1" IN 1991 AND AT "MO3" IN 1991-94.

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 13. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY		2/	
NAME	MO3	NAME	MO3
SR 2000	8.6	CREST	7.5
BAR VB 852	8.3	GNOME	7.5
MIDNIGHT	8.3	LIVINGSTON	7.5
UNIQUE (PST-C-76)	8.3	UNKNOWN	7.5
CYNTHIA	8.1	WASHINGTON	7.5
GEN-RSP	8.1	BA 74-017	7.4
HAGA	8.1	DESTINY	7.4
NJIC	8.1	BARCELONA (BAR VB 1184)	7.3
BELMONT (798)	8.0	FORTUNA	7.3
VOYAGER	8.0	LIBERTY	7.3
BAR VB 1169	7.9	MONOPOLY	7.3
PST-C-303	7.9	BARTITIA	7.3
COBALT	7.8	NE 80-47	7.3
PST-YQ	7.8	KENBLUE	7.2
DELLWOOD (ZPS-84-749)	7.8	KYOSTI	7.2
EVB 13.863	7.8	NUSTAR	7.2
ISI-21	7.8	AMAZON	7.0
OPAL	7.8	MINNFINE (MN 2405)	7.0
PST-C-391	7.8	ALENE	6.9
SOPHIA	7.8	J-386	6.9
BARON	7.7	BARMAX (BAR VB 7037)	6.8
BARONIE (BAR VB 985)	7.7	BRONCO	6.8
CALIBER (J-335)	7.7	MIRACLE	6.8
EVB 13.703	7.7	SOUTH DAKOTA CERT.	6.7
FREEDOM	7.7	BANJO (H76-1034)	6.6
MERIT	7.7	SUFFOLK	6.6
NUBLUE (J-229)	7.7	PST-A7-111	6.4
RAM-1	7.7	CHELSEA	6.3
MERION	7.6	BA 78-376	6.2
PARK	7.6	KWS PP 13-2	6.0
BARSWEEP	7.5		
BARZAN	7.5	LSD VALUE	0.8

1/ FALL DENSITY RATED IN 1991-94.

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.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/															
NAME	DC1	ID3	IL2	MO3	PA1	VA6	MEAN	NAME	DC1	ID3	IL2	MO3	PA1	VA6	MEAN
BAR VB 852	50.0	86.7	82.3	97.3	95.7	85.0	82.8	PST-C-303	30.0	78.3	48.3	95.7	89.0	60.0	66.9
ISI-21	80.0	66.7	77.8	97.7	86.7	71.7	80.1	LIVINGSTON	26.7	73.3	50.5	96.1	85.0	68.3	66.7
GEN-RSP	78.3	71.7	79.7	97.1	88.3	50.0	77.5	PST-A7-111	20.0	70.0	58.8	93.2	85.7	70.0	66.3
VOYAGER	61.7	81.7	55.2	96.2	93.3	73.3	76.9	EVV 13.863	26.7	75.0	38.8	97.1	85.7	73.3	66.1
FREEDOM	43.3	89.3	56.2	97.2	88.3	83.3	76.3	UNKNOWN	18.3	92.7	48.0	96.6	86.7	53.3	65.9
KENBLUE	33.3	68.3	85.8	96.0	89.0	85.0	76.3	BARSWEET	33.3	85.0	40.2	97.7	86.7	51.7	65.8
SUFFOLK	58.3	81.7	58.8	90.7	92.0	68.3	75.0	J-386	23.3	85.0	53.2	97.2	85.0	50.0	65.6
ALENE	46.7	58.3	84.2	91.8	90.7	71.7	73.9	CREST	28.3	80.0	35.7	96.7	90.0	58.3	64.8
HAGA	48.3	71.7	58.7	97.2	87.3	78.3	73.6	MIDNIGHT	21.7	76.7	43.7	97.1	80.7	68.3	64.7
OPAL	38.3	93.3	54.2	97.2	83.3	75.0	73.6	NE 80-47	11.7	84.0	54.5	94.7	87.3	55.0	64.5
COBALT	51.7	84.3	50.3	96.3	89.0	65.0	72.8	BARTITIA	3.7	84.0	47.7	95.8	90.0	65.0	64.4
BARONIE (BAR VB 985)	53.3	73.3	55.7	95.0	92.3	65.0	72.4	BARON	25.0	78.3	30.7	96.8	85.0	68.3	64.0
CALIBER (J-335)	33.3	91.0	69.0	96.1	83.3	61.7	72.4	BARMAX (BAR VB 7037)	25.0	86.7	42.7	96.7	88.3	43.3	63.8
CYNTHIA	26.7	83.3	59.8	97.2	88.3	78.3	72.3	UNIQUE (PST-C-76)	16.7	71.7	47.8	96.7	81.7	66.7	63.5
WASHINGTON	18.3	93.0	67.8	97.2	86.7	70.0	72.2	EVV 13.703	3.7	99.0	60.8	95.2	89.0	33.3	63.5
PST-YQ	26.7	70.0	74.8	96.8	85.7	78.3	72.0	MERIT	20.0	75.0	33.3	97.2	85.0	66.7	62.9
MONOPOLY	53.3	68.3	53.3	97.2	95.0	63.3	71.8	SOPHIA	11.7	78.3	59.7	97.1	83.3	45.0	62.5
DELLWOOD (ZPS-84-749)	25.0	73.3	69.5	96.2	86.3	80.0	71.7	BA 74-017	41.7	70.0	40.0	94.7	90.0	35.0	61.9
BANJO (H76-1034)	46.7	63.3	69.3	92.3	88.3	68.3	71.4	MIRACLE	7.0	94.7	34.2	93.7	86.7	50.0	61.0
PARK	33.3	51.7	74.5	97.1	88.3	83.3	71.4	FORTUNA	13.3	88.3	31.7	96.7	88.3	46.7	60.8
RAM-1	36.7	88.3	53.8	97.1	86.7	61.7	70.7	KYOSTI	8.3	78.3	45.3	96.1	85.0	51.7	60.8
PST-C-391	70.0	73.3	48.2	94.7	82.3	53.3	70.3	BARCELONA (BAR VB 1184)	3.7	87.7	23.3	95.7	85.0	65.0	60.1
GNOME	31.7	80.0	52.2	96.7	87.3	66.7	69.1	DESTINY	15.0	71.7	37.2	97.7	81.7	51.7	59.1
MINNFINE (MN 2405)	36.7	76.7	75.2	96.2	88.3	40.0	68.8	SOUTH DAKOTA CERT.	11.7	61.7	74.7	91.2	88.3	26.7	59.0
BA 78-376	11.7	55.0	78.3	92.1	86.7	86.7	68.4	BARZAN	8.3	76.7	50.7	94.1	88.3	33.3	58.6
BELMONT (798)	28.3	80.0	64.7	96.2	86.7	53.3	68.2	NUBLUE (J-229)	16.7	76.7	38.5	97.2	86.3	35.0	58.4
SR 2000	28.3	89.3	61.8	96.8	79.0	53.3	68.1	AMAZON	3.7	88.0	47.0	95.7	60.0	51.7	57.7
NJIC	46.7	71.7	46.2	95.1	83.3	65.0	68.0	KWS PP 13-2	5.0	73.3	48.2	91.0	83.3	21.7	53.8
BAR VB 1169	41.7	76.7	56.2	95.2	84.0	53.3	67.8	CHELSEA	5.0	70.0	45.0	94.2	86.7	18.3	53.2
LIBERTY	43.3	77.5	51.3	95.7	85.7	51.7	67.5	MERION	10.0	63.3	40.2	94.6	30.0	46.7	47.5
NUSTAR	28.3	81.7	51.2	96.8	85.0	61.7	67.4								
BRONCO	15.0	86.7	59.8	96.7	91.7	51.7	66.9	LSD VALUE	23.2	18.2	35.5	4.4	11.4	28.8	9.4

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

TABLE 15.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/											
NAME	MO3	NJ2	PA1	VA6	MEAN	NAME	MO3	NJ2	PA1	VA6	MEAN
ISI-21	96.2	97.0	93.3	95.0	95.4	BARON	96.8	81.7	86.7	88.3	88.4
BRONCO	97.2	91.7	95.0	91.7	93.9	SOPHIA	96.2	85.0	85.0	86.7	88.2
MONOPOLY	96.1	93.3	95.0	90.0	93.6	SOUTH DAKOTA CERT.	88.6	93.3	93.3	75.0	87.6
KENBLUE	95.7	96.0	88.3	94.0	93.5	HAGA	96.8	66.7	91.7	94.3	87.4
VOYAGER	96.1	86.7	95.0	96.0	93.4	BA 74-017	94.8	81.7	90.0	81.7	87.0
WASHINGTON	96.2	91.7	91.7	93.3	93.2	NUSTAR	89.7	83.3	85.0	90.0	87.0
PARK	94.9	93.3	93.3	90.0	92.9	DESTINY	92.3	85.0	85.0	85.0	86.8
BAR VB 852	96.7	85.0	95.0	93.3	92.5	KYOSTI	95.1	75.0	88.3	88.3	86.7
BANJO (H76-1034)	93.6	96.0	91.7	88.3	92.4	FREEDOM	95.8	68.3	88.3	93.3	86.4
PST-A7-111	91.6	94.3	93.3	90.0	92.3	PST-YQ	95.7	68.3	91.7	90.0	86.4
MINNFINE (MN 2405)	94.1	93.3	95.0	86.7	92.3	PST-C-391	95.3	76.7	81.7	91.7	86.3
BARZAN	93.0	96.0	95.0	85.0	92.3	CALIBER (J-335)	91.9	73.3	88.3	90.0	85.9
BARONIE (BAR VB 985)	96.8	85.0	95.0	91.7	92.1	BA 78-376	69.4	95.0	88.3	90.0	85.7
BARMAX (BAR VB 7037)	94.7	93.3	93.3	86.7	92.0	EVV 13.863	92.9	70.0	86.7	91.7	85.3
GEN-RSP	97.2	97.0	88.3	85.0	91.9	SR 2000	90.1	81.7	85.0	83.3	85.0
DELLWOOD (ZPS-84-749)	94.7	96.0	86.7	90.0	91.8	NUBLUE (J-229)	96.3	73.3	86.7	83.3	84.9
FORTUNA	96.3	91.0	93.3	86.7	91.8	NE 80-47	94.2	66.7	91.7	86.7	84.8
MERIT	97.2	89.3	88.3	91.7	91.6	BARCELONA (BAR VB 1184)	89.2	71.7	88.3	88.3	84.4
ALENE	90.8	91.7	95.0	86.7	91.0	OPAL	95.7	68.3	83.3	90.0	84.3
PST-C-303	96.3	86.7	95.0	85.0	90.8	EVV 13.703	82.1	81.7	91.7	81.7	84.3
UNIQUE (PST-C-76)	96.8	91.0	85.0	90.0	90.7	SUFFOLK	94.6	56.7	93.3	89.0	83.4
COBALT	94.7	87.7	93.3	86.7	90.6	CHELSEA	88.1	90.0	86.7	68.3	83.3
RAM-1	92.3	88.0	88.3	93.3	90.5	BAR VB 1169	95.2	61.7	88.3	85.0	82.6
NJIC	95.0	90.0	85.0	91.7	90.4	BELMONT (798)	96.8	65.0	80.0	85.0	81.7
CREST	94.7	86.7	91.7	88.3	90.3	MIRACLE	88.2	60.0	93.3	83.3	81.2
CYNTHIA	95.7	85.0	91.7	88.3	90.2	BARTITIA	91.3	50.0	91.7	91.7	81.2
UNKNOWN	95.1	88.3	91.7	85.0	90.0	AMAZON	93.4	75.0	66.7	85.0	80.0
GNOME	95.1	90.0	86.7	88.3	90.0	BARSWREET	94.6	45.0	85.0	85.0	77.4
J-386	92.6	92.7	85.0	88.3	89.6	MERION	91.9	83.3	46.7	85.0	76.7
LIBERTY	95.2	88.3	85.0	88.3	89.2	KWS PP 13-2	64.8	71.7	86.7	63.3	71.6
LIVINGSTON	94.2	83.3	85.0	91.7	88.6						
MIDNIGHT	95.7	90.0	78.3	90.0	88.5	LSD VALUE	7.5	21.2	12.1	8.2	5.6

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 16. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/								
NAME	MO3	UB1	MEAN	NAME	MO3	UB1	MEAN	
GEN-RSP	98.6	94.7	96.6	MERION	90.7	75.0	82.8	
MINNFINE (MN 2405)	96.2	96.3	96.3	BA 74-017	98.1	66.7	82.4	
BAR VB 852	98.6	93.3	95.9	EVB 13.863	96.2	68.3	82.3	
PARK	95.8	94.7	95.2	BELMONT (798)	98.1	65.0	81.6	
KENBLUE	97.7	91.7	94.7	BARON	96.6	65.0	80.8	
PST-A7-111	92.6	96.3	94.4	FREEDOM	98.1	63.3	80.7	
NJIC	98.6	90.0	94.3	KYOSTI	98.1	61.7	79.9	
SOPHIA	97.7	90.0	93.8	BANJO (H76-1034)	95.6	63.3	79.4	
J-386	93.6	93.3	93.4	BARTITIA	90.0	68.3	79.2	
DELLWOOD (ZPS-84-749)	95.1	91.7	93.4	AMAZON	94.9	63.3	79.1	
ISI-21	98.6	86.7	92.6	LIVINGSTON	96.6	61.7	79.1	
BARMAX (BAR VB 7037)	98.1	86.7	92.4	DESTINY	96.4	61.7	79.1	
ALENE	95.9	88.3	92.1	BA 78-376	68.2	88.3	78.3	
OPAL	98.6	85.0	91.8	SR 2000	95.3	60.0	77.7	
NUSTAR	94.6	88.3	91.4	BAR VB 1169	94.7	60.0	77.3	
MERIT	98.6	83.3	90.9	NE 80-47	96.1	58.3	77.2	
FORTUNA	98.1	83.3	90.7	COBALT	98.1	51.7	74.9	
UNKNOWN	98.1	83.3	90.7	PST-C-391	97.7	48.3	73.0	
UNIQUE (PST-C-76)	99.0	81.7	90.3	EVB 13.703	83.3	60.0	71.7	
SOUTH DAKOTA CERT.	93.6	86.7	90.1	BARONIE (BAR VB 985)	99.0	38.3	68.7	
VOYAGER	98.6	81.7	90.1	PST-C-303	97.6	38.3	67.9	
BRONCO	98.6	78.3	88.4	LIBERTY	98.1	36.7	67.4	
CYNTHIA	98.6	78.3	88.4	NUBLUE (J-229)	98.0	35.0	66.5	
WASHINGTON	96.7	80.0	88.3	CHELSEA	91.9	40.0	65.9	
CREST	94.8	80.0	87.4	BARCELONA (BAR VB 1184)	90.4	40.0	65.2	
PST-YQ	99.0	75.0	87.0	BARSWEEP	95.0	35.0	65.0	
MONOPOLY	98.1	71.7	84.9	BARZAN	87.8	40.0	63.9	
MIDNIGHT	98.6	70.0	84.3	MIRACLE	84.3	36.7	60.5	
RAM-1	91.9	76.7	84.3	SUFFOLK	95.8	20.0	57.9	
GNOME	96.7	71.7	84.2	KWS PP 13-2	67.6	18.3	42.9	
CALIBER (J-335)	98.1	70.0	84.1	LSD VALUE	9.6	31.5	10.3	
HAGA	99.0	68.3	83.7					

1/ PERCENT LIVING GROUND COVER (FALL) RATED AT "UB1" IN 1993 AND AT "MO3" IN 1991, 1993 & 1994.

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 17. FROST TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	ID3	MO3	MEAN	NAME	ID3	MO3	MEAN
SR 2000	8.3	8.3	8.3	PST-YQ	5.0	6.7	5.8
MIDNIGHT	8.3	8.0	8.2	WASHINGTON	4.0	7.7	5.8
MIRACLE	8.0	7.7	7.8	BARONIE (BAR VB 985)	6.3	5.3	5.8
EVB 13.703	8.0	7.3	7.7	HAGA	5.0	6.3	5.7
BARTITIA	7.3	7.7	7.5	PST-C-391	5.3	6.0	5.7
RAM-1	7.0	8.0	7.5	BRONCO	5.3	5.7	5.5
BARCELONA (BAR VB 1184)	8.0	6.7	7.3	CREST	6.0	5.0	5.5
NJIC	6.0	8.7	7.3	BAR VB 1169	6.0	4.7	5.3
DESTINY	7.3	6.7	7.0	BAR VB 852	4.0	6.7	5.3
KWS PP 13-2	8.0	6.0	7.0	CALIBER (J-335)	5.7	5.0	5.3
LIVINGSTON	6.7	7.3	7.0	DELLWOOD (ZPS-84-749)	5.0	5.7	5.3
PST-C-303	6.7	7.3	7.0	UNIQUE (PST-C-76)	4.7	6.0	5.3
BARZAN	6.7	7.0	6.8	GNOME	4.3	6.3	5.3
NUSTAR	6.7	7.0	6.8	NUBLUE (J-229)	4.3	6.3	5.3
BELMONT (798)	7.3	6.3	6.8	AMAZON	5.3	5.0	5.2
SUFFOLK	6.3	7.3	6.8	BA 74-017	5.3	5.0	5.2
NE 80-47	6.7	6.7	6.7	MONOPOLY	4.0	6.3	5.2
ALENE	6.3	6.7	6.5	PST-A7-111	5.0	5.3	5.2
COBALT	6.7	6.3	6.5	BANJO (H76-1034)	4.3	5.7	5.0
FREEDOM	5.7	7.3	6.5	EVB 13.863	4.0	6.0	5.0
CHELSEA	6.7	6.0	6.3	ISI-21	4.7	5.0	4.8
VOYAGER	5.0	7.7	6.3	SOUTH DAKOTA CERT.	4.3	5.3	4.8
FORTUNA	7.3	5.3	6.3	BARMAX (BAR VB 7037)	4.3	4.7	4.5
J-386	6.7	5.7	6.2	KENBLUE	4.0	5.0	4.5
LIBERTY	5.7	6.7	6.2	GEN-RSP	3.3	5.3	4.3
BARON	6.3	6.0	6.2	KYOSTI	4.0	4.3	4.2
UNKNOWN	7.0	5.3	6.2	OPAL	4.0	4.3	4.2
CYNTHIA	6.7	5.3	6.0	MINNFINE (MN 2405)	2.3	5.0	3.7
MERIT	6.7	5.3	6.0	PARK	2.3	4.7	3.5
SOPHIA	6.7	5.3	6.0	BA 78-376	1.0	4.7	2.8
BARSWEEP	5.7	6.0	5.8				
MERION	5.0	6.7	5.8	LSD VALUE	2.5	1.6	1.4

1/ FROST TOLERANCE RATED IN 1991 ONLY.

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 18.

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

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

NAME	CO1	ID3	NJ1	OR1	UB1	MEAN	NAME	CO1	ID3	NJ1	OR1	UB1	MEAN
PST-C-303	3.3	4.8	7.2	7.3	5.0	5.5	EVB 13.703	3.0	3.6	4.5	5.0	5.3	4.3
LIVINGSTON	3.3	4.4	5.8	6.7	6.0	5.3	NJIC	3.3	4.8	3.8	5.3	4.0	4.3
BARZAN	3.3	3.9	5.2	5.7	7.7	5.1	SOPHIA	3.3	3.8	3.3	3.3	7.0	4.2
CYNTHIA	3.0	4.6	5.2	6.0	7.0	5.1	UNKNOWN	2.7	4.7	2.7	5.3	5.3	4.1
PST-C-391	3.0	4.8	5.8	6.7	5.3	5.1	BARSWHEET	3.3	3.8	3.8	4.7	5.0	4.1
SR 2000	2.3	4.4	5.5	7.3	6.0	5.1	PST-A7-111	1.7	3.3	3.2	5.7	6.7	4.1
COBALT	3.0	4.8	5.7	7.3	4.7	5.1	GEN-RSP	3.3	3.9	5.2	4.0	4.0	4.1
LIBERTY	2.7	5.1	6.3	5.7	5.3	5.0	MERIT	2.7	5.2	2.2	4.7	5.7	4.1
RAM-1	3.0	4.0	4.5	5.7	7.7	5.0	OPAL	3.3	4.1	3.0	4.0	5.7	4.0
MIDNIGHT	2.7	4.4	5.3	5.0	7.3	5.0	EVB 13.863	2.3	3.2	3.3	5.0	6.0	4.0
BARONIE (BAR VB 985)	4.3	5.0	6.3	3.7	5.3	4.9	BRONCO	2.3	3.7	4.0	3.7	6.0	3.9
BAR VB 1169	4.3	5.1	4.8	5.7	4.7	4.9	MONOPOLY	2.7	2.7	5.0	4.3	5.0	3.9
FREEDOM	3.0	4.7	6.8	4.7	5.3	4.9	ALENE	2.7	3.4	3.8	3.7	6.0	3.9
DESTINY	2.7	5.4	5.7	4.7	6.0	4.9	FORTUNA	2.7	5.0	2.3	4.7	4.7	3.9
SUFFOLK	3.0	4.1	6.7	5.7	5.0	4.9	ISI-21	3.3	4.1	5.2	2.7	4.0	3.9
CHELSEA	3.0	3.6	4.2	6.7	7.0	4.9	GNOME	3.3	4.8	2.3	4.3	4.3	3.8
MIRACLE	3.0	5.1	4.2	6.0	6.0	4.9	DELLWOOD (ZPS-84-749)	2.7	4.6	2.5	4.0	5.3	3.8
BELMONT (798)	3.0	5.0	5.5	5.3	5.0	4.8	BARON	3.0	4.2	3.0	4.7	4.0	3.8
PST-YQ	3.7	5.2	6.0	4.3	4.3	4.7	VOYAGER	3.0	3.9	4.0	3.7	4.0	3.7
NUBLUE (J-229)	4.0	5.3	4.7	4.7	4.7	4.7	BA 74-017	2.7	5.0	2.3	3.7	4.7	3.7
UNIQUE (PST-C-76)	3.7	4.8	4.0	6.7	4.0	4.6	BANJO (H76-1034)	2.3	3.6	4.0	3.0	5.3	3.6
BARTITIA	3.3	5.6	4.7	4.3	4.7	4.5	CREST	2.7	4.7	2.2	4.3	4.3	3.6
WASHINGTON	3.3	4.6	3.7	6.7	4.3	4.5	AMAZON	2.7	3.2	2.2	4.0	4.5	3.3
KWS PP 13-2	3.0	4.0	3.5	5.7	6.3	4.5	BARMAX (BAR VB 7037)	2.7	3.7	2.0	4.3	3.7	3.3
HAGA	3.3	5.1	5.2	4.7	4.0	4.5	KENBLUE	2.0	2.2	2.2	2.7	5.3	2.9
MERION	2.3	4.6	2.3	7.3	5.7	4.4	MINNFINE (MN 2405)	1.7	1.9	2.0	2.3	6.3	2.8
J-386	2.7	3.7	3.5	5.7	6.7	4.4	KYOSTI	2.3	4.0	2.0	3.0	2.7	2.8
BARCELONA (BAR VB 1184)	3.3	5.1	4.3	5.0	4.3	4.4	SOUTH DAKOTA CERT.	1.7	2.6	2.3	2.0	5.3	2.8
NUSTAR	3.0	4.2	3.7	5.3	5.7	4.4	PARK	2.0	3.1	1.3	3.3	3.3	2.6
CALIBER (J-335)	3.0	4.1	4.7	6.0	4.0	4.4	BA 78-376	2.0	3.2	1.7	2.7	2.3	2.4
NE 80-47	2.7	4.6	3.5	6.3	4.7	4.3							
BAR VB 852	3.3	4.0	4.7	5.0	4.7	4.3	LSD VALUE	1.1	2.1	1.7	1.2	1.2	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 19.

DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

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

NAME	CO1	IL2	MD1	OR1	UB1	MEAN	NAME	CO1	IL2	MD1	OR1	UB1	MEAN
BAR VB 852	7.7	4.3	4.0	4.7	5.7	5.3	BA 78-376	5.3	3.3	4.0	4.3	4.3	4.3
ISI-21	8.7	3.3	4.3	4.3	5.3	5.2	CREST	6.0	4.3	4.0	3.0	4.0	4.3
SR 2000	7.7	4.3	5.3	3.7	4.8	5.2	HAGA	6.3	3.7	5.0	2.0	4.3	4.3
UNIQUE (PST-C-76)	6.7	4.3	5.3	4.7	4.5	5.1	PST-A7-111	4.7	4.0	4.7	2.7	5.2	4.2
OPAL	6.7	5.0	5.3	4.0	4.0	5.0	J-386	5.3	3.7	4.3	2.7	5.2	4.2
NJIC	8.0	3.0	4.3	4.7	4.8	5.0	SUFFOLK	7.5	3.0	4.3	3.3	3.0	4.2
PST-YQ	7.3	4.0	5.0	3.7	4.3	4.9	BARONIE (BAR VB 985)	7.0	3.0	4.7	3.3	3.0	4.2
BELMONT (798)	6.7	4.0	4.7	3.7	5.0	4.8	LIBERTY	6.5	3.7	4.7	3.0	3.2	4.2
MERION	7.7	3.0	3.7	4.7	5.0	4.8	GEN-RSP	6.5	4.3	3.3	3.0	3.8	4.2
BARMAX (BAR VB 7037)	5.0	4.0	5.3	3.7	5.8	4.8	BRONCO	6.0	3.7	3.0	4.0	4.0	4.1
NUSTAR	7.3	3.0	4.7	3.0	5.8	4.8	CHELSEA	5.0	3.0	3.7	4.0	5.0	4.1
BAR VB 1169	7.3	3.3	4.7	4.0	4.2	4.7	DELLWOOD (ZPS-84-749)	5.0	6.0	4.3	1.3	4.0	4.1
SOPHIA	6.7	3.0	5.0	2.7	6.0	4.7	CYNTHIA	5.7	4.7	4.3	2.0	3.8	4.1
VOYAGER	7.0	3.3	4.3	5.0	3.7	4.7	PST-C-391	6.3	4.0	3.7	3.3	3.2	4.1
BANJO (H76-1034)	6.5	5.0	4.0	4.3	3.5	4.7	PST-C-303	6.0	3.0	4.7	3.3	3.2	4.0
CALIBER (J-335)	7.0	3.7	4.7	3.3	4.7	4.7	BARCELONA (BAR VB 1184)	4.7	4.0	3.7	3.7	4.0	4.0
GNOME	7.7	4.0	4.3	3.0	4.3	4.7	KYOSTI	6.5	3.0	3.3	3.3	3.7	4.0
MERIT	6.0	4.0	4.0	4.0	5.3	4.7	KWS PP 13-2	6.3	3.0	3.7	2.7	4.2	4.0
RAM-1	5.0	4.3	4.3	4.0	5.7	4.7	ALENE	5.0	3.3	4.7	3.0	3.5	3.9
BA 74-017	5.7	3.7	3.0	5.3	5.5	4.6	BARZAN	4.0	3.3	3.3	4.0	4.7	3.9
FORTUNA	6.7	2.7	4.0	5.0	4.7	4.6	BARON	6.3	3.0	4.0	2.0	4.0	3.9
DESTINY	7.0	3.3	3.7	4.0	5.0	4.6	BARTITIA	5.0	3.7	4.7	1.7	4.3	3.9
MONOPOLY	6.7	4.3	4.0	3.0	5.0	4.6	NUBLUE (J-229)	4.0	3.7	4.0	3.3	4.2	3.8
LIVINGSTON	7.3	4.7	4.0	2.7	4.2	4.6	BARSWEEP	5.0	3.3	4.7	1.0	4.7	3.7
UNKNOWN	6.5	3.3	4.3	4.0	4.5	4.5	PARK	5.3	2.7	3.3	3.3	3.8	3.7
COBALT	7.0	3.7	4.3	3.3	4.2	4.5	SOUTH DAKOTA CERT.	4.3	2.7	4.0	3.7	3.8	3.7
NE 80-47	6.0	3.0	5.3	4.3	3.8	4.5	AMAZON	3.7	2.7	3.3	4.0	4.5	3.6
FREEDOM	6.5	3.7	5.0	3.7	3.5	4.5	MIRACLE	4.7	2.3	3.7	3.0	3.8	3.5
MIDNIGHT	5.7	3.7	4.7	3.0	5.2	4.4	KENBLUE	4.3	3.0	4.0	2.7	3.3	3.5
WASHINGTON	6.3	3.0	5.0	3.0	4.7	4.4	MINNFINE (MN 2405)	4.0	2.3	3.7	2.3	3.0	3.1
EVB 13.863	5.0	3.3	4.7	3.7	5.0	4.3							
EVB 13.703	7.0	3.0	4.3	3.3	4.0	4.3	LSD VALUE	1.9	1.8	2.0	2.2	1.6	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 20.

DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/											
NAME	CO1	KS2	NJ1	OR1	MEAN	NAME	CO1	KS2	NJ1	OR1	MEAN
MONOPOLY	5.3	7.7	5.3	5.0	5.8	BA 78-376	3.7	5.0	5.7	2.7	4.3
BANJO (H76-1034)	4.7	6.0	6.7	4.0	5.3	BAR VB 852	5.3	4.0	4.0	3.7	4.3
BAR VB 1169	6.7	5.7	4.0	4.0	5.1	DELLWOOD (ZPS-84-749)	5.3	6.7	3.3	1.7	4.3
BARZAN	6.3	5.3	4.0	4.0	4.9	FREEDOM	5.0	4.7	4.0	3.3	4.3
BRONCO	5.3	4.0	6.0	4.0	4.8	MINNFINE (MN 2405)	3.7	7.3	5.0	1.0	4.3
CALIBER (J-335)	6.7	5.0	4.3	3.3	4.8	SR 2000	5.7	3.3	4.7	3.3	4.3
CREST	5.0	5.0	6.0	3.3	4.8	MERIT	5.0	3.3	5.3	3.0	4.2
DESTINY	5.3	3.0	6.7	4.3	4.8	RAM-1	5.3	2.7	5.7	3.0	4.2
WASHINGTON	5.7	4.0	5.3	4.3	4.8	BA 74-017	4.0	2.7	6.0	4.0	4.2
ALENE	4.7	7.0	5.0	2.3	4.8	PARK	4.7	4.0	5.3	2.3	4.1
BARCELONA (BAR VB 1184)	6.7	3.3	5.3	3.7	4.8	GEN-RSP	5.0	5.0	4.7	1.3	4.0
KWS PP 13-2	6.0	4.0	5.7	3.3	4.8	KYOSTI	4.7	2.0	6.0	3.3	4.0
SOPHIA	6.3	4.0	6.0	2.7	4.8	AMAZON	4.7	3.7	5.0	2.3	3.9
BARSWEEP	5.7	3.7	6.0	3.3	4.7	GNOME	4.7	4.3	5.0	1.7	3.9
BARTITIA	7.0	3.7	5.3	2.7	4.7	MIDNIGHT	6.0	2.3	4.7	2.7	3.9
COBALT	5.7	4.7	5.7	2.7	4.7	LIBERTY	4.7	4.0	5.7	1.0	3.8
LIVINGSTON	6.0	4.0	6.0	2.7	4.7	HAGA	5.3	3.7	4.0	2.3	3.8
SOUTH DAKOTA CERT.	3.7	5.7	5.7	3.7	4.7	BARON	4.3	2.7	5.3	3.0	3.8
BARMAX (BAR VB 7037)	6.0	4.0	5.3	3.3	4.7	FORTUNA	4.0	3.7	5.7	2.0	3.8
CHELSEA	4.7	5.0	5.7	3.0	4.6	UNKNOWN	4.0	3.0	5.3	3.0	3.8
NJIC	6.0	4.3	3.7	4.3	4.6	BARONIE (BAR VB 985)	6.0	3.7	3.3	2.0	3.8
PST-YQ	6.0	4.0	5.3	3.0	4.6	CYNTHIA	5.0	5.0	3.3	1.7	3.8
EVB 13.863	5.7	5.3	6.0	1.0	4.5	OPAL	5.3	2.3	5.3	2.0	3.8
MERION	5.7	3.0	5.3	4.0	4.5	PST-A7-111	4.0	5.0	3.7	1.7	3.6
NUSTAR	5.3	4.3	4.0	4.3	4.5	SUFFOLK	5.0	2.7	3.7	3.0	3.6
PST-C-303	6.3	4.7	3.7	3.3	4.5	J-386	5.3	3.0	3.3	2.0	3.4
UNIQUE (PST-C-76)	7.0	3.0	4.3	3.7	4.5	PST-C-391	5.7	2.3	3.7	2.0	3.4
VOYAGER	6.3	3.3	5.0	3.3	4.5	EVB 13.703	5.7	2.0	3.0	2.7	3.3
KENBLUE	4.0	7.7	5.0	1.0	4.4	MIRACLE	4.3	3.7	3.3	2.0	3.3
ISI-21	6.3	4.0	3.7	3.7	4.4	NUBLUE (J-229)	4.7	2.7	4.0	2.0	3.3
BELMONT (798)	6.0	2.0	6.3	3.0	4.3						
NE 80-47	6.0	4.3	4.7	2.3	4.3	LSD VALUE	1.4	2.2	2.0	2.7	1.1

1/ DROUGHT TOLERANCE (RECOVERY) RATED AT "KS2" & "OR1" IN 1992 AND AT "CO1" & "NJ1" IN 1993.

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 21. FUSARIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

FUSARIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	ID3	NAME	ID3
BARZAN	7.3	WASHINGTON	4.7
BARCELONA (BAR VB 1184)	6.7	BAR VB 1169	4.3
CYNTHIA	6.7	BARON	4.3
BRONCO	6.3	OPAL	4.3
CREST	6.3	ALENE	4.0
EVB 13.703	6.0	BAR VB 852	4.0
GNOME	6.0	CHELSEA	4.0
LIBERTY	6.0	EVB 13.863	4.0
MIRACLE	6.0	KWS PP 13-2	4.0
RAM-1	6.0	NJIC	4.0
BA 74-017	5.7	BANJO (H76-1034)	3.7
BARTITIA	5.7	J-386	3.7
MERIT	5.7	COBALT	3.3
NUBLUE (J-229)	5.7	ISI-21	3.3
UNKNOWN	5.7	MERION	3.3
NE 80-47	5.3	MONOPOLY	3.3
SOPHIA	5.3	PST-A7-111	3.3
SR 2000	5.3	PST-YQ	3.3
BELMONT (798)	5.0	VOYAGER	3.3
DESTINY	5.0	AMAZON	3.0
FORTUNA	5.0	BARMAX (BAR VB 7037)	3.0
FREEDOM	5.0	KYOSTI	3.0
PST-C-303	5.0	UNIQUE (PST-C-76)	3.0
BARONIE (BAR VB 985)	4.7	DELLWOOD (ZPS-84-749)	2.7
BARSWEEP	4.7	SOUTH DAKOTA CERT.	2.7
CALIBER (J-335)	4.7	KENBLUE	2.3
HAGA	4.7	BA 78-376	2.0
LIVINGSTON	4.7	GEN-RSP	1.7
MIDNIGHT	4.7	PARK	1.7
NUSTAR	4.7	MINNFINE (MN 2405)	1.3
PST-C-391	4.7		
SUFFOLK	4.7	LSD VALUE	1.8

1/ FUSARIUM PATCH RATED IN 1993 ONLY.

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 22. MELTING-OUT (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

		MELTING-OUT RATINGS 1-9; 9=NO DAMAGE 2/	
NAME	ID3	NAME	ID3
BARTITIA	8.3	WASHINGTON	7.0
MIRACLE	8.3	BAR VB 852	6.7
UNIQUE (PST-C-76)	8.3	BARONIE (BAR VB 985)	6.7
BARCELONA (BAR VB 1184)	8.0	BELMONT (798)	6.7
BARSWEEP	8.0	COBALT	6.7
CYNTHIA	8.0	LIVINGSTON	6.7
DELLWOOD (ZPS-84-749)	8.0	MERIT	6.7
EVB 13.703	8.0	PST-A7-111	6.7
EVB 13.863	8.0	PST-C-391	6.7
GEN-RSP	8.0	SUFFOLK	6.7
MIDNIGHT	8.0	BANJO (H76-1034)	6.3
NJIC	8.0	FREEDOM	6.3
OPAL	8.0	HAGA	6.3
RAM-1	8.0	LIBERTY	6.3
VOYAGER	8.0	BA 74-017	6.0
BAR VB 1169	7.7	ISI-21	6.0
BARMAX (BAR VB 7037)	7.7	MERION	6.0
CALIBER (J-335)	7.7	BRONCO	5.7
J-386	7.7	CHELSEA	5.7
NUBLUE (J-229)	7.7	CREST	5.7
SOPHIA	7.7	KYOSTI	5.7
BARZAN	7.3	DESTINY	5.3
FORTUNA	7.3	GNOME	5.3
NE 80-47	7.3	KWS PP 13-2	5.3
NUSTAR	7.3	MONOPOLY	5.0
PST-YQ	7.3	BA 78-376	4.7
UNKNOWN	7.3	PARK	4.3
ALENE	7.0	KENBLUE	4.0
AMAZON	7.0	SOUTH DAKOTA CERT.	4.0
BARON	7.0	MINNFINE (MN 2405)	3.3
PST-C-303	7.0		
SR 2000	7.0	LSD VALUE	1.5

1/ MELTING-OUT (SPRING) RATED IN 1992 ONLY.

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 23.

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE									MEAN
	ID3	NJ1	NJ2	NY1	OH1	OR1	PA1	UB1	VA6	
SR 2000	8.7	7.7	7.3	9.0	8.0	7.3	8.7	7.0	6.7	7.8
MIDNIGHT	8.3	7.7	7.3	9.0	7.7	5.7	9.0	7.5	6.3	7.6
COBALT	7.3	6.0	6.0	9.0	7.0	7.3	9.0	6.3	5.0	7.0
UNIQUE (PST-C-76)	7.0	5.3	6.0	8.3	7.0	7.3	9.0	6.5	6.3	7.0
MERION	7.7	5.7	6.3	8.0	6.0	7.7	9.0	5.3	6.0	6.9
CALIBER (J-335)	7.3	5.0	5.3	8.3	7.0	7.3	8.3	6.5	6.3	6.8
BELMONT (798)	6.3	5.7	5.3	8.7	7.0	7.0	8.7	6.2	6.0	6.8
BARCELONA (BAR VB 1184)	7.7	4.7	6.0	8.3	7.3	7.0	9.0	6.7	3.7	6.7
FORTUNA	7.0	5.0	6.7	9.0	7.0	5.7	9.0	5.8	5.0	6.7
LIVINGSTON	6.3	4.3	5.3	8.3	7.0	7.3	8.7	5.7	6.7	6.6
NE 80-47	8.0	4.3	5.7	8.0	7.0	5.7	9.0	5.3	6.7	6.6
EVB 13.703	7.0	3.7	6.3	8.0	7.0	6.3	8.3	6.3	6.0	6.6
BARSWEEP	6.0	5.0	5.3	8.7	7.0	5.7	9.0	6.2	5.7	6.5
BAR VB 852	7.0	5.3	4.0	8.7	7.0	6.0	9.0	6.7	4.7	6.5
BAR VB 1169	6.7	4.7	5.0	8.7	6.3	6.7	8.0	6.3	5.3	6.4
BARTITIA	6.7	4.3	5.7	8.3	7.3	6.7	9.0	5.5	4.0	6.4
NUBLUE (J-229)	5.7	5.0	5.3	9.0	7.0	5.3	8.7	5.5	5.7	6.4
DESTINY	5.3	7.0	4.3	9.0	6.0	3.7	9.0	5.8	6.7	6.3
PST-C-391	7.0	3.7	3.7	8.3	6.7	6.3	8.7	6.2	6.0	6.3
OPAL	6.3	5.7	6.3	8.0	6.7	5.3	8.0	5.7	4.3	6.3
CREST	6.7	4.3	5.0	9.0	7.0	4.7	8.3	5.7	5.7	6.3
LIBERTY	5.7	4.7	4.7	8.3	7.3	5.7	8.7	5.0	5.7	6.2
NUSTAR	6.3	4.7	4.3	6.3	6.7	6.0	9.0	6.0	6.3	6.2
EVB 13.863	7.0	3.3	5.0	7.7	7.3	5.3	9.0	6.5	4.3	6.2
SOPHIA	7.3	3.7	3.7	8.7	7.0	4.7	8.7	6.5	5.3	6.2
CYNTHIA	7.3	4.3	4.7	5.7	7.0	6.3	8.3	6.7	5.0	6.1
MIRACLE	7.3	2.3	4.7	9.0	6.7	6.3	7.7	5.7	5.7	6.1
BA 74-017	7.0	4.7	5.7	9.0	6.0	2.7	9.0	4.8	5.7	6.1
BARON	6.3	4.7	5.3	9.0	6.7	5.0	8.7	4.8	4.0	6.1
BARZAN	8.3	2.3	4.0	5.7	6.7	7.0	9.0	5.5	6.0	6.1
PST-C-303	5.3	4.0	3.7	8.0	6.3	6.7	8.7	5.5	6.3	6.1
AMAZON	6.0	4.0	5.0	7.3	7.3	4.0	9.0	5.8	5.3	6.0
MERIT	6.3	4.3	4.7	7.3	6.7	5.7	8.7	5.2	5.0	6.0
BARMAX (BAR VB 7037)	5.7	3.7	4.0	8.7	7.0	5.0	7.3	6.3	6.0	6.0
UNKNOWN	6.7	3.0	5.3	6.0	6.0	6.3	9.0	5.7	5.0	5.9
PST-YQ	6.0	4.0	4.0	7.3	6.7	5.0	8.7	6.2	5.0	5.9
WASHINGTON	6.7	4.0	3.3	7.3	6.3	6.0	8.7	5.2	4.7	5.8
CHELSEA	6.0	3.7	2.7	6.0	6.0	7.3	8.0	6.8	5.0	5.7
GNOME	6.0	3.7	4.0	9.0	6.3	4.0	8.7	5.2	4.7	5.7
BARONIE (BAR VB 985)	6.0	4.3	3.3	9.0	6.0	2.0	8.0	4.8	7.3	5.6
J-386	6.3	2.7	5.7	6.3	6.3	5.3	8.3	5.2	4.3	5.6
RAM-1	7.0	4.3	3.7	3.7	6.7	6.0	9.0	5.8	4.3	5.6
SUFFOLK	6.0	3.7	3.3	7.7	5.7	5.0	9.0	5.2	4.7	5.6
KYOSTI	6.0	4.7	4.0	7.3	6.3	3.3	8.3	5.0	4.3	5.5
BRONCO	6.3	3.0	3.3	7.3	6.7	3.0	9.0	5.5	3.7	5.3

TABLE 23.
(CONT'D)

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

NAME	LEAF SPOT RATINGS 1-9; 9=NO DISEASE									MEAN
	ID3	NJ1	NJ2	NY1	OH1	OR1	PA1	UB1	VA6	
HAGA	5.3	2.7	3.3	8.0	6.3	4.3	8.3	5.2	4.3	5.3
KWS PP 13-2	4.7	3.7	4.0	5.0	6.0	5.7	6.7	5.4	6.7	5.3
FREEDOM	5.0	3.3	2.3	7.3	6.3	2.7	8.7	5.5	5.3	5.2
MONOPOLY	2.7	3.3	3.3	5.0	5.7	4.0	9.0	4.8	4.0	4.6
ISI-21	6.3	3.7	2.3	5.7	6.3	1.7	7.0	4.0	4.0	4.6
NJIC	7.7	2.7	2.3	4.7	6.3	2.7	7.7	2.3	4.0	4.5
DELLWOOD (ZPS-84-749)	6.0	2.0	2.3	2.7	6.3	3.3	9.0	4.2	3.7	4.4
VOYAGER	7.0	2.0	2.3	4.7	5.7	2.0	7.7	2.3	3.7	4.1
PST-A7-111	4.0	1.7	2.3	2.0	6.0	5.7	7.0	4.5	3.3	4.1
GEN-RSP	7.3	2.0	1.0	1.3	5.0	2.7	8.3	2.7	4.0	3.8
BANJO (H76-1034)	5.3	1.3	1.7	3.0	5.0	1.7	8.7	2.0	5.0	3.7
PARK	3.3	2.0	2.7	2.3	4.0	2.7	6.7	3.3	3.7	3.4
ALENE	4.0	1.3	1.3	2.7	4.7	1.7	6.7	1.3	3.0	3.0
SOUTH DAKOTA CERT.	3.0	1.0	1.3	4.3	3.3	1.0	6.7	1.0	4.0	2.9
BA 78-376	2.7	1.3	2.0	3.0	3.7	1.0	7.0	1.7	3.0	2.8
MINNFINE (MN 2405)	3.7	1.0	1.0	1.0	4.3	1.0	7.3	2.7	3.0	2.8
KENBLUE	2.7	1.0	1.0	1.3	3.3	1.3	8.7	2.3	2.3	2.7
LSD VALUE	1.8	1.4	1.0	2.7	1.0	1.3	1.1	2.0	1.7	0.6

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 24. RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	OH1	RI1	VA6	MEAN
LIVINGSTON	8.0	8.0	4.6	6.9
MERION	7.7	8.3	4.6	6.9
BARZAN	8.0	8.3	3.7	6.7
LIBERTY	8.0	7.7	3.7	6.4
MERIT	8.0	7.0	4.2	6.4
NUSTAR	7.7	7.7	3.9	6.4
PST-C-391	8.0	6.7	4.3	6.3
SR 2000	8.0	7.0	4.0	6.3
COBALT	8.0	7.0	3.9	6.3
BARCELONA (BAR VB 1184)	8.0	7.0	3.7	6.2
CHELSEA	7.3	6.3	5.0	6.2
BARON	7.7	7.0	3.9	6.2
KWS PP 13-2	8.0	7.0	3.6	6.2
RAM-1	7.3	7.3	3.9	6.2
BARTITIA	8.0	6.7	3.7	6.1
BELMONT (798)	8.0	7.7	2.7	6.1
EVB 13.703	7.3	7.0	4.0	6.1
BANJO (H76-1034)	7.7	7.0	3.4	6.0
BARONIE (BAR VB 985)	7.7	6.0	4.4	6.0
KYOSTI	7.0	6.7	4.4	6.0
SOPHIA	8.0	6.3	3.8	6.0
AMAZON	7.7	6.3	3.9	6.0
BA 74-017	8.0	7.0	2.9	6.0
DESTINY	8.0	7.0	2.9	6.0
FREEDOM	7.3	6.3	4.2	6.0
BRONCO	7.0	6.7	4.1	5.9
PST-C-303	8.0	6.7	3.0	5.9
HAGA	8.0	6.3	3.3	5.9
MONOPOLY	7.7	6.0	3.9	5.9
NUBLUE (J-229)	7.3	6.3	3.9	5.9
PST-YQ	7.0	5.7	4.8	5.8
BARMAX (BAR VB 7037)	6.7	6.7	4.1	5.8

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE

NAME	OH1	RI1	VA6	MEAN
WASHINGTON	8.0	6.3	3.1	5.8
GEN-RSP	7.0	7.3	2.9	5.7
NE 80-47	7.0	6.7	3.4	5.7
UNIQUE (PST-C-76)	8.0	4.7	4.4	5.7
VOYAGER	7.7	6.3	3.0	5.7
BAR VB 1169	7.0	6.7	3.2	5.6
J-386	7.3	6.3	3.2	5.6
EVB 13.863	7.3	6.7	2.8	5.6
MIDNIGHT	7.7	6.3	2.8	5.6
ALENE	6.7	7.0	3.0	5.6
BARSWHEET	7.0	6.7	3.0	5.6
GNOME	8.0	5.7	3.0	5.6
CREST	7.3	6.0	3.3	5.6
FORTUNA	8.0	6.3	2.3	5.6
DELLWOOD (ZPS-84-749)	7.3	6.0	3.2	5.5
SOUTH DAKOTA CERT.	7.7	6.7	2.1	5.5
ISI-21	7.3	6.7	2.3	5.4
NJIC	7.3	6.3	2.7	5.4
MIRACLE	8.0	5.7	2.6	5.4
CALIBER (J-335)	7.0	5.3	3.8	5.4
UNKNOWN	7.0	5.3	3.6	5.3
SUFFOLK	8.0	5.0	2.8	5.3
BAR VB 852	7.0	5.7	3.0	5.2
CYNTHIA	6.3	5.3	3.4	5.0
BA 78-376	5.7	6.0	3.0	4.9
OPAL	6.3	5.3	2.7	4.8
PARK	6.0	6.0	2.1	4.7
PST-A7-111	5.7	5.3	3.0	4.7
MINNFINE (MN 2405)	4.3	6.0	3.2	4.5
KENBLUE	4.7	3.7	2.2	3.5
LSD VALUE	1.2	2.1	1.8	1.2

1/ RED THREAD RATED AT "RI1" IN 1991, AT "OH1" IN 1992 AND AT "VA6" IN 1993-1995.

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 25. RED THREAD (JUNE) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

		RED THREAD RATINGS 1-9; 9=NO DISEASE 2/	
NAME	VA6	NAME	VA6
EVB 13.703	5.0	LIBERTY	1.3
RAM-1	5.0	ALENE	1.0
KYOSTI	4.3	BA 78-376	1.0
EVB 13.863	3.7	BANJO (H76-1034)	1.0
SOPHIA	3.7	BAR VB 1169	1.0
UNIQUE (PST-C-76)	3.7	BAR VB 852	1.0
LIVINGSTON	3.3	BARONIE (BAR VB 985)	1.0
MIRACLE	3.3	BARZAN	1.0
BARTITIA	3.0	BELMONT (798)	1.0
MERION	3.0	COBALT	1.0
MERIT	3.0	DELLWOOD (ZPS-84-749)	1.0
MIDNIGHT	2.7	FORTUNA	1.0
NUSTAR	2.7	GEN-RSP	1.0
SR 2000	2.7	HAGA	1.0
UNKNOWN	2.7	ISI-21	1.0
BA 74-017	2.3	J-386	1.0
BARON	2.3	KENBLUE	1.0
CYNTHIA	2.3	KWS PP 13-2	1.0
MONOPOLY	2.3	MINNFINE (MN 2405)	1.0
CHELSEA	2.0	NE 80-47	1.0
NUBLUE (J-229)	2.0	NJIC	1.0
AMAZON	1.7	OPAL	1.0
BARMAX (BAR VB 7037)	1.7	PARK	1.0
BRONCO	1.7	PST-A7-111	1.0
CALIBER (J-335)	1.7	PST-C-303	1.0
CREST	1.7	PST-C-391	1.0
DESTINY	1.7	PST-YQ	1.0
WASHINGTON	1.7	SOUTH DAKOTA CERT.	1.0
BARCELONA (BAR VB 1184)	1.3	SUFFOLK	1.0
BARSWEET	1.3	VOYAGER	1.0
FREEDOM	1.3		
GNOME	1.3	LSD VALUE	2.9

1/ RED THREAD (JUNE) RATED IN 1993 ONLY.

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 26. RED THREAD (AUGUST) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/			
NAME	VA6	NAME	VA6
CHELSEA	8.3	LIBERTY	5.0
BRONCO	7.7	NJIC	5.0
MONOPOLY	7.3	PARK	5.0
MERION	6.7	UNKNOWN	5.0
RAM-1	6.7	BAR VB 1169	4.7
BARMAX (BAR VB 7037)	6.3	BARTITIA	4.7
KWS PP 13-2	6.3	BELMONT (798)	4.7
UNIQUE (PST-C-76)	6.3	GEN-RSP	4.7
BARON	6.0	LIVINGSTON	4.7
CALIBER (J-335)	6.0	WASHINGTON	4.7
CREST	6.0	BARZAN	4.3
KYOSTI	6.0	J-386	4.3
SOPHIA	6.0	PST-C-391	4.3
KENBLUE	5.7	SR 2000	4.3
MERIT	5.7	AMAZON	4.0
NE 80-47	5.7	EVV 13.703	4.0
NUSTAR	5.7	FORTUNA	4.0
SOUTH DAKOTA CERT.	5.7	ALENE	3.7
BA 74-017	5.3	BARSWEEP	3.7
BARONIE (BAR VB 985)	5.3	FREEDOM	3.7
COBALT	5.3	HAGA	3.7
EVV 13.863	5.3	ISI-21	3.7
MINNFINE (MN 2405)	5.3	CYNTHIA	3.3
NUBLUE (J-229)	5.3	MIDNIGHT	3.3
PST-A7-111	5.3	MIRACLE	3.3
PST-YQ	5.3	PST-C-303	3.3
BA 78-376	5.0	VOYAGER	3.3
BANJO (H76-1034)	5.0	DELLWOOD (ZPS-84-749)	3.0
BAR VB 852	5.0	OPAL	3.0
BARCELONA (BAR VB 1184)	5.0	SUFFOLK	2.7
DESTINY	5.0		
GNOME	5.0	LSD VALUE	2.7

1/ RED THREAD (AUGUST) RATED IN 1993 ONLY.

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 27. RED THREAD (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA6	NAME	VA6
BARTITIA	8.0	NE 80-47	6.0
MONOPOLY	8.0	RAM-1	6.0
BARZAN	7.7	UNIQUE (EST-C-76)	6.0
SOPHIA	7.7	ALENE	5.7
PST-YQ	7.3	EVB 13.703	5.7
AMAZON	7.0	HAGA	5.7
BANJO (H76-1034)	7.0	ISI-21	5.7
BRONCO	7.0	MINNFINE (MN 2405)	5.7
CHELSEA	7.0	BA 78-376	5.3
LIVINGSTON	7.0	BAR VB 852	5.3
NUBLUE (J-229)	7.0	DELLWOOD (ZPS-84-749)	5.3
PST-C-391	7.0	GNOME	5.3
BARONIE (BAR VB 985)	6.7	CALIBER (J-335)	5.0
CYNTHIA	6.7	EVB 13.863	5.0
GEN-RSP	6.7	PARK	5.0
KYOSTI	6.7	SUFFOLK	5.0
LIBERTY	6.7	VOYAGER	5.0
MERION	6.7	WASHINGTON	5.0
NUSTAR	6.7	BARSWEEP	4.7
PST-C-303	6.7	BELMONT (798)	4.7
BA 74-017	6.3	FREEDOM	4.7
BARON	6.3	J-386	4.7
DESTINY	6.3	SR 2000	4.7
PST-A7-111	6.3	UNKNOWN	4.7
BARCELONA (BAR VB 1184)	6.0	NJIC	4.3
BARMAX (BAR VB 7037)	6.0	OPAL	4.3
COBALT	6.0	SOUTH DAKOTA CERT.	4.0
CREST	6.0	BAR VB 1169	3.7
KENBLUE	6.0	FORTUNA	3.3
KWS PP 13-2	6.0	MIRACLE	3.3
MERIT	6.0		
MIDNIGHT	6.0	LSD VALUE	3.1

1/ RED THREAD (SEPTEMBER) RATED IN 1993 ONLY.

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 28. RED THREAD (OCTOBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

		RED THREAD RATINGS 1-9; 9=NO DISEASE 2/	
NAME	VA6	NAME	VA6
MONOPOLY	9.0	BARSWEET	3.7
J-386	8.0	CREST	3.7
EVB 13.703	7.0	ISI-21	3.7
OPAL	6.7	UNKNOWN	3.7
BARMAX (BAR VB 7037)	6.5	GEN-RSP	3.3
NUSTAR	6.5	HAGA	3.0
BARCELONA (BAR VB 1184)	6.3	PST-A7-111	3.0
CHELSEA	6.3	BARONIE (BAR VB 985)	2.7
MERIT	6.3	VOYAGER	2.7
BA 78-376	6.0	FREEDOM	2.5
PST-YQ	6.0	DESTINY	2.3
CYNTHIA	5.7	KENBLUE	2.3
NUBLUE (J-229)	5.5	ALENE	2.0
BANJO (H76-1034)	5.3	DELLWOOD (ZPS-84-749)	2.0
BARZAN	5.3	MIDNIGHT	2.0
RAM-1	5.3	SOUTH DAKOTA CERT.	2.0
BARON	5.0	NJIC	1.7
CALIBER (J-335)	5.0	PST-C-303	1.7
COBALT	4.7	SUFFOLK	1.7
KWS PP 13-2	4.7	LIBERTY	1.5
MINNFINE (MN 2405)	4.7	WASHINGTON	1.5
LIVINGSTON	4.5	UNIQUE (PST-C-76)	1.3
MERION	4.5	BA 74-017	1.0
EVB 13.863	4.3	BAR VB 852	1.0
GNOME	4.3	BARTITIA	1.0
KYOSTI	4.3	BELMONT (798)	1.0
NE 80-47	4.3	FORTUNA	1.0
PST-C-391	4.3	MIRACLE	1.0
AMAZON	4.0	PARK	1.0
BRONCO	4.0	SOPHIA	1.0
SR 2000	4.0		
BAR VB 1169	3.7	LSD VALUE	5.2

1/ RED THREAD (OCTOBER) RATED IN 1993 ONLY.

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 29. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE 2/			
NAME	NJ2	NAME	NJ2
BA 78-376	9.0	BAR VB 852	7.7
BANJO (H76-1034)	9.0	BARONIE (BAR VB 985)	7.7
BARZAN	9.0	CYNTHIA	7.7
DELLWOOD (ZPS-84-749)	9.0	EVB 13.703	7.7
DESTINY	9.0	MERIT	7.7
GEN-RSP	9.0	PST-C-303	7.7
ISI-21	9.0	SOPHIA	7.7
KENBLUE	9.0	CALIBER (J-335)	7.3
BARMAX (BAR VB 7037)	8.7	LIVINGSTON	7.3
BARON	8.7	MERION	7.3
CREST	8.7	NUSTAR	7.3
MIDNIGHT	8.7	PST-C-391	7.3
MINNFINE (MN 2405)	8.7	SR 2000	7.3
MONOPOLY	8.7	EVB 13.863	7.0
PARK	8.7	KYOSTI	7.0
PST-A7-111	8.7	OPAL	7.0
SOUTH DAKOTA CERT.	8.7	AMAZON	6.7
ALENE	8.3	BARCELONA (BAR VB 1184)	6.7
BRONCO	8.3	KWS PP 13-2	6.7
CHELSEA	8.3	NUBLUE (J-229)	6.7
FORTUNA	8.3	SUFFOLK	6.7
GNOME	8.3	BARSWEET	6.3
J-386	8.3	BELMONT (798)	6.3
LIBERTY	8.3	FREEDOM	6.3
UNIQUE (PST-C-76)	8.3	HAGA	6.3
UNKNOWN	8.3	PST-YQ	6.3
WASHINGTON	8.3	BAR VB 1169	6.0
COBALT	8.0	MIRACLE	6.0
NJIC	8.0	NE 80-47	6.0
RAM-1	8.0	BARTITIA	5.3
VOYAGER	8.0		
BA 74-017	7.7	LSD VALUE	1.8

1/ BILLBUGS RATED IN 1994 ONLY.

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 30.

LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

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

NAME	DC1	ID3	MEAN	NAME	DC1	ID3	MEAN
RAM-1	6.7	7.7	7.2	UNIQUE (PST-C-76)	4.3	5.3	4.8
DESTINY	5.3	7.3	6.3	CHELSEA	4.3	5.0	4.7
PST-C-391	6.3	6.3	6.3	KENBLUE	5.0	4.3	4.7
COBALT	6.3	6.0	6.2	BAR VB 1169	4.3	4.7	4.5
LIBERTY	5.7	6.5	6.1	KYOSTI	3.3	5.7	4.5
SR 2000	5.7	6.0	5.8	LIVINGSTON	5.3	3.7	4.5
BA 74-017	4.3	7.3	5.8	MIRACLE	3.0	6.0	4.5
GNOME	3.7	8.0	5.8	NJIC	4.3	4.7	4.5
BELMONT (798)	5.0	6.3	5.7	NUSTAR	4.0	5.0	4.5
CREST	4.0	7.3	5.7	VOYAGER	4.7	4.3	4.5
SOPHIA	6.0	5.3	5.7	AMAZON	4.3	4.3	4.3
BANJO (H76-1034)	6.7	4.3	5.5	ALENE	3.3	5.0	4.2
EVB 13.863	7.0	4.0	5.5	BARMAX (BAR VB 7037)	5.7	2.7	4.2
WASHINGTON	6.3	4.7	5.5	BARSWEEP	3.3	5.0	4.2
BARON	4.7	6.0	5.3	PARK	5.7	2.7	4.2
BARONIE (BAR VB 985)	5.7	5.0	5.3	BA 78-376	5.0	3.0	4.0
BRONCO	5.0	5.7	5.3	PST-A7-111	3.7	4.3	4.0
CALIBER (J-335)	5.7	5.0	5.3	SOUTH DAKOTA CERT.	4.3	3.7	4.0
FORTUNA	4.0	6.7	5.3	BARCELONA (BAR VB 1184)	3.3	4.3	3.8
FREEDOM	5.0	5.7	5.3	GEN-RSP	5.0	2.7	3.8
HAGA	5.0	5.7	5.3	BARZAN	1.7	5.7	3.7
PST-C-303	5.0	5.7	5.3	NUBLUE (J-229)	3.0	4.3	3.7
UNKNOWN	4.3	6.3	5.3	J-386	3.7	3.3	3.5
ISI-21	6.7	3.7	5.2	MONOPOLY	4.0	3.0	3.5
MINNFINE (MN 2405)	6.7	3.7	5.2	DELLWOOD (ZPS-84-749)	4.0	2.7	3.3
SUFFOLK	5.7	4.7	5.2	MERION	3.0	3.7	3.3
KWS PP 13-2	5.0	5.3	5.2	PST-YQ	4.3	2.3	3.3
EVB 13.703	4.0	6.0	5.0	BAR VB 852	5.0	1.3	3.2
MERIT	3.7	6.3	5.0	BARTITIA	1.7	4.3	3.0
NE 80-47	5.3	4.7	5.0	OPAL	2.3	3.7	3.0
CYNTHIA	5.0	4.7	4.8				
MIDNIGHT	4.0	5.7	4.8	LSD VALUE	1.8	1.7	1.2

1/ LEAF RUST RATED AT "DC1" IN 1991 AND AT "ID3" IN 1993.

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 31. PERCENT WEED RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE 2/
1991-1995 DATA

NAME	UB1	NAME	UB1
BARZAN	97.0	COBALT	69.3
PST-C-391	96.3	CREST	68.3
KWS PP 13-2	95.7	CYNTHIA	67.3
KYOSTI	95.7	MIDNIGHT	67.3
SOUTH DAKOTA CERT.	95.7	MIRACLE	66.7
ALENE	94.7	FREEDOM	66.3
BARCELONA (BAR VB 1184)	94.7	CALIBER (J-335)	65.0
PST-C-303	94.7	GNOME	65.0
VOYAGER	92.7	BRONCO	63.3
NUBLUE (J-229)	92.3	MINNFINE (MN 2405)	63.3
BARMAX (BAR VB 7037)	90.7	BELMONT (798)	61.7
FORTUNA	88.3	J-386	61.7
NE 80-47	84.7	PARK	61.7
UNIQUE (PST-C-76)	81.7	UNKNOWN	60.7
LIBERTY	81.3	CHELSEA	60.0
BANJO (H76-1034)	80.3	DESTINY	55.7
BARONIE (BAR VB 985)	78.3	KENBLUE	55.0
NJIC	78.3	BA 78-376	51.7
OPAL	76.7	PST-A7-111	50.0
BA 74-017	76.3	PST-YQ	50.0
BAR VB 1169	75.7	MONOPOLY	49.3
BARON	74.0	MERIT	43.3
HAGA	74.0	DELLWOOD (ZPS-84-749)	41.7
SOPHIA	73.3	GEN-RSP	41.7
EVB 13.703	73.0	NUSTAR	41.7
EVB 13.863	72.3	BARSWEEP	40.3
BARTITIA	71.7	BAR VB 852	38.3
SR 2000	71.7	WASHINGTON	33.3
MERION	71.3	AMAZON	15.0
ISI-21	70.0	RAM-1	13.3
LIVINGSTON	70.0		
SUFFOLK	70.0	LSD VALUE	47.7

1/ PERCENT WEED RATED IN 1995 ONLY.

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 32. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

		COUNTS OF NECROTIC RING SPOT PER PLOT 2/	
NAME	ID3	NAME	ID3
BARSWEET	3.7	DESTINY	0.0
BARMAX (BAR VB 7037)	3.0	EVB 13.703	0.0
AMAZON	2.0	EVB 13.863	0.0
OPAL	2.0	FORTUNA	0.0
HAGA	1.3	GEN-RSP	0.0
LIVINGSTON	0.7	GNOME	0.0
SOPHIA	0.7	ISI-21	0.0
BAR VB 1169	0.3	J-386	0.0
BARCELONA (BAR VB 1184)	0.3	KENBLUE	0.0
BARTITIA	0.3	KYOSTI	0.0
CALIBER (J-335)	0.3	LIBERTY	0.0
CHELSEA	0.3	MERIT	0.0
FREEDOM	0.3	MINNFINE (MN 2405)	0.0
KWS PP 13-2	0.3	MIRACLE	0.0
MERION	0.3	MONOPOLY	0.0
MIDNIGHT	0.3	NE 80-47	0.0
NUBLUE (J-229)	0.3	NJIC	0.0
PST-YQ	0.3	NUSTAR	0.0
ALENE	0.0	PARK	0.0
BA 74-017	0.0	PST-A7-111	0.0
BA 78-376	0.0	PST-C-303	0.0
BANJO (H76-1034)	0.0	PST-C-391	0.0
BAR VB 852	0.0	RAM-1	0.0
BARON	0.0	SOUTH DAKOTA CERT.	0.0
BARONIE (BAR VB 985)	0.0	SR 2000	0.0
BARZAN	0.0	SUFFOLK	0.0
BELMONT (798)	0.0	UNIQUE (PST-C-76)	0.0
BRONCO	0.0	UNKNOWN	0.0
COBALT	0.0	VOYAGER	0.0
CREST	0.0	WASHINGTON	0.0
CYNTHIA	0.0		
DELLWOOD (ZPS-84-749)	0.0	LSD VALUE	1.1

1/ NECROTIC RING SPOT RATED IN 1993 ONLY.

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 33. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE 2/			
NAME	ID3	NAME	ID3
EVB 13.863	9.0	RAM-1	7.3
BA 78-376	8.3	SR 2000	7.3
BAR VB 852	8.3	BARON	7.0
COBALT	8.3	DESTINY	7.0
GEN-RSP	8.3	MIRACLE	7.0
KENBLUE	8.3	MONOPOLY	7.0
MERION	8.3	SOUTH DAKOTA CERT.	7.0
MERIT	8.3	VOYAGER	7.0
MINNFINE (MN 2405)	8.3	BA 74-017	6.7
NUSTAR	8.3	CREST	6.7
ALENE	8.0	FORTUNA	6.7
BRONCO	8.0	CHELSEA	6.3
KWS PP 13-2	8.0	PST-C-391	6.3
MIDNIGHT	8.0	SOPHIA	6.3
PST-A7-111	8.0	BANJO (H76-1034)	6.0
PST-YQ	8.0	EVB 13.703	6.0
UNKNOWN	8.0	FREEDOM	6.0
BARTITIA	7.7	PARK	6.0
DELLWOOD (ZPS-84-749)	7.7	CYNTHIA	5.7
GNOME	7.7	LIVINGSTON	5.7
HAGA	7.7	LIBERTY	5.3
KYOSTI	7.7	CALIBER (J-335)	5.0
NUBLUE (J-229)	7.7	SUFFOLK	5.0
PST-C-303	7.7	AMAZON	4.7
UNIQUE (PST-C-76)	7.7	BARCELONA (BAR VB 1184)	4.7
WASHINGTON	7.7	NE 80-47	4.7
BARONIE (BAR VB 985)	7.3	BAR VB 1169	4.3
BARZAN	7.3	BARSWEET	2.7
BELMONT (798)	7.3	OPAL	2.7
ISI-21	7.3	BARMAX (BAR VB 7037)	1.7
J-386	7.3		
NJIC	7.3	LSD VALUE	2.6

1/ NECROTIC RING SPOT RATED IN 1994 ONLY.

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 34. POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

		POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	OH1	NAME	OH1
ISI-21	8.0	LIVINGSTON	6.0
MONOPOLY	8.0	MINNFINE (MN 2405)	6.0
HAGA	7.7	NUBLUE (J-229)	6.0
ALENE	7.3	NUSTAR	6.0
BARONIE (BAR VB 985)	7.3	SOPHIA	6.0
BAR VB 852	7.0	UNKNOWN	6.0
BARTITIA	7.0	BAR VB 1169	5.7
FREEDOM	7.0	CALIBER (J-335)	5.7
KENBLUE	7.0	DELLWOOD (ZPS-84-749)	5.7
OPAL	7.0	DESTINY	5.7
PARK	7.0	EVB 13.703	5.7
PST-C-391	7.0	EVB 13.863	5.7
VOYAGER	7.0	MERIT	5.7
BA 78-376	6.7	BA 74-017	5.3
BANJO (H76-1034)	6.7	BARCELONA (BAR VB 1184)	5.3
PST-YQ	6.7	BARZAN	5.3
SUFFOLK	6.7	GNOME	5.3
BARMAX (BAR VB 7037)	6.3	KYOSTI	5.3
CREST	6.3	MIDNIGHT	5.3
LIBERTY	6.3	UNIQUE (PST-C-76)	5.3
MIRACLE	6.3	BARSWHEET	5.0
NJIC	6.3	J-386	5.0
PST-A7-111	6.3	KWS PP 13-2	5.0
PST-C-303	6.3	NE 80-47	5.0
RAM-1	6.3	SR 2000	5.0
SOUTH DAKOTA CERT.	6.3	CHELSEA	4.7
WASHINGTON	6.3	COBALT	4.7
AMAZON	6.0	FORTUNA	4.7
BARON	6.0	GEN-RSP	4.3
BELMONT (798)	6.0	MERION	4.3
BRONCO	6.0		
CYNTHIA	6.0	LSD VALUE	2.7

1/ POA ANNUA RATED IN 1991 ONLY.

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 35. FALL RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

FALL RECOVERY RATINGS 1-9; 9=BEST 2/			
NAME	NJ1	NAME	NJ1
EVB 13.703	8.0	BANJO (H76-1034)	5.3
GEN-RSP	8.0	MONOPOLY	5.3
ISI-21	7.7	BA 74-017	5.0
MIDNIGHT	7.7	MERIT	5.0
BARCELONA (BAR VB 1184)	7.3	UNKNOWN	5.0
COBALT	7.3	MERION	4.7
BARONIE (BAR VB 985)	7.0	OPAL	4.7
FREEDOM	7.0	CALIBER (J-335)	4.3
NJIC	7.0	CHELSEA	4.3
SR 2000	7.0	HAGA	4.3
AMAZON	6.7	KYOSTI	4.3
LIBERTY	6.7	WASHINGTON	4.3
BAR VB 852	6.3	BARON	4.0
BARSWEEP	6.3	BRONCO	3.7
LIVINGSTON	6.3	CYNTHIA	3.7
NE 80-47	6.3	FORTUNA	3.7
PST-C-303	6.3	KENBLUE	3.7
PST-C-391	6.3	KWS PP 13-2	3.7
PST-YQ	6.3	PARK	3.7
SOPHIA	6.3	ALENE	3.3
SUFFOLK	6.3	BA 78-376	3.3
VOYAGER	6.3	BARMAX (BAR VB 7037)	3.3
BAR VB 1169	6.0	BARZAN	3.3
BELMONT (798)	6.0	GNOME	3.3
CREST	6.0	MINNFINE (MN 2405)	3.3
DESTINY	6.0	NUBLUE (J-229)	3.3
NUSTAR	6.0	SOUTH DAKOTA CERT.	3.3
UNIQUE (PST-C-76)	6.0	DELLWOOD (ZES-84-749)	3.0
BARTITIA	5.7	PST-A7-111	3.0
EVB 13.863	5.7	MIRACLE	2.0
J-386	5.7		
RAM-1	5.7	LSD VALUE	1.6

1/ FALL RECOVERY RATED IN 1993 ONLY.

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 36. CANOPY HEIGHT MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

CANOPY HEIGHT MEASURED IN INCHES 2/			
NAME	PA1	NAME	PA1
PST-A7-111	8.2	MIRACLE	5.8
BA 78-376	7.7	PST-C-303	5.8
BANJO (H76-1034)	7.7	CALIBER (J-335)	5.7
ALENE	7.5	DESTINY	5.5
DELLWOOD (ZPS-84-749)	7.3	FORTUNA	5.5
KENBLUE	7.3	LIVINGSTON	5.5
MINNFINE (MN 2405)	7.3	BELMONT (798)	5.3
PARK	7.3	FREEDOM	5.3
VOYAGER	7.3	PST-YQ	5.3
BRONCO	7.2	BARCELONA (BAR VB 1184)	5.2
NJIC	7.2	CYNTHIA	5.2
CHELSEA	7.0	GNOME	5.2
MONOPOLY	7.0	RAM-1	5.2
NUSTAR	6.8	BARON	5.0
GEN-RSP	6.7	NUBLUE (J-229)	5.0
J-386	6.7	OPAL	5.0
BAR VB 852	6.5	SR 2000	5.0
SOPHIA	6.5	UNKNOWN	5.0
WASHINGTON	6.5	BARSWEEP	4.8
BARMAX (BAR VB 7037)	6.3	BARTITIA	4.8
ISI-21	6.3	NE 80-47	4.8
KWS PP 13-2	6.3	BA 74-017	4.5
SOUTH DAKOTA CERT.	6.3	LIBERTY	4.5
SUFFOLK	6.3	MERIT	4.5
BAR VB 1169	6.2	COBALT	4.3
BARZAN	6.2	MERION	4.3
HAGA	6.2	AMAZON	4.0
KYOSTI	6.2	EVB 13.703	4.0
CREST	6.0	UNIQUE (PST-C-76)	3.7
PST-C-391	6.0	MIDNIGHT	3.2
BARONIE (BAR VB 985)	5.8		
EVB 13.863	5.8	LSD VALUE	1.4

1/ CANOPY HEIGHTS MEASURED IN 1991 AND 1992.

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 37. NITROGEN DEFICIENCY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

NITROGEN DEFICIENCY RATINGS 1-9; 9=NO DEFICIENCY 2/

NAME	ID3	NAME	ID3
CALIBER (J-335)	8.0	VOYAGER	6.3
CYNTHIA	8.0	AMAZON	6.0
FORTUNA	8.0	BAR VB 1169	6.0
MIRACLE	8.0	COBALT	6.0
OPAL	8.0	DESTINY	6.0
BARSWEET	7.7	PST-C-391	6.0
SOPHIA	7.7	UNIQUE (PST-C-76)	6.0
RAM-1	7.3	BANJO (H76-1034)	5.7
SR 2000	7.3	BARTITIA	5.7
WASHINGTON	7.3	DELLWOOD (ZPS-84-749)	5.7
BARCELONA (BAR VB 1184)	7.0	ISI-21	5.7
EVB 13.703	7.0	NUBLUE (J-229)	5.7
EVB 13.863	7.0	LIVINGSTON	5.3
J-386	7.0	MERIT	5.3
KYOSTI	7.0	MONOPOLY	5.3
MIDNIGHT	7.0	CHELSEA	5.0
NUSTAR	7.0	GEN-RSP	5.0
BAR VB 852	6.7	HAGA	5.0
BARMAX (BAR VB 7037)	6.7	PST-YQ	5.0
BARZAN	6.7	BARONIE (BAR VB 985)	4.7
BELMONT (798)	6.7	NJIC	4.7
BRONCO	6.7	PST-A7-111	4.7
FREEDOM	6.7	ALENE	4.0
GNOME	6.7	KWS PP 13-2	4.0
LIBERTY	6.7	MINNFINE (MN 2405)	4.0
SUFFOLK	6.7	PARK	4.0
UNKNOWN	6.7	MERION	3.7
BA 74-017	6.3	BA 78-376	2.7
BARON	6.3	KENBLUE	1.7
CREST	6.3	SOUTH DAKOTA CERT.	1.7
NE 80-47	6.3		
PST-C-303	6.3	LSD VALUE	2.1

1/ NITROGEN DEFICIENCY RATED IN 1992 ONLY.

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 38. FLOOD RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

FLOOD RECOVERY RATINGS 1-9; 9=BEST 2/			
NAME	NE1	NAME	NE1
CYNTHIA	8.0	PST-C-391	2.7
BARZAN	6.0	SR 2000	2.7
BA 74-017	5.7	UNIQUE (PST-C-76)	2.7
DESTINY	5.7	BAR VB 1169	2.3
KWS PP 13-2	5.7	KENBLUE	2.3
UNKNOWN	5.7	LIVINGSTON	2.3
CHELSEA	5.3	NE 80-47	2.3
MERION	5.3	NUBLUE (J-229)	2.3
CREST	5.0	RAM-1	2.3
BRONCO	4.7	BARONIE (BAR VB 985)	2.0
EVB 13.703	4.7	BARSWEEP	2.0
FORTUNA	4.7	GEN-RSP	2.0
BARCELONA (BAR VB 1184)	4.3	J-386	2.0
MIDNIGHT	4.3	KYOSTI	2.0
GNOME	4.0	MINNFINE (MN 2405)	2.0
MERIT	4.0	PST-A7-111	2.0
SOPHIA	4.0	SOUTH DAKOTA CERT.	2.0
PST-C-303	3.7	ALENE	1.7
BARON	3.3	CALIBER (J-335)	1.7
EVB 13.863	3.3	HAGA	1.7
LIBERTY	3.3	MONOPOLY	1.7
PST-YQ	3.3	OPAL	1.7
SUFFOLK	3.3	PARK	1.7
BA 78-376	3.0	WASHINGTON	1.7
BARTITIA	3.0	AMAZON	1.3
BELMONT (798)	3.0	DELLWOOD (ZES-84-749)	1.3
NUSTAR	3.0	ISI-21	1.3
BANJO (H76-1034)	2.7	BAR VB 852	1.0
BARMAX (BAR VB 7037)	2.7	NJIC	1.0
COBALT	2.7	VOYAGER	1.0
FREEDOM	2.7		
MIRACLE	2.7	LSD VALUE	3.2

1/ FLOOD RECOVERY RATED IN 1993 ONLY.

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 39. SEEDHEAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	NJ1	NAME	NJ1
ALENE	9.0	BAR VB 1169	5.0
DELLWOOD (ZPS-84-749)	9.0	SR 2000	5.0
GEN-RSP	9.0	BARSWEEP	4.7
ISI-21	9.0	HAGA	4.7
KENBLUE	9.0	CHELSEA	4.0
MIDNIGHT	9.0	COBALT	4.0
MINNFINE (MN 2405)	9.0	LIBERTY	4.0
PARK	9.0	LIVINGSTON	4.0
PST-A7-111	9.0	MERION	4.0
SOUTH DAKOTA CERT.	8.7	OPAL	4.0
BA 78-376	8.3	BARZAN	3.7
BAR VB 852	8.0	CYNTHIA	3.7
WASHINGTON	8.0	GNOME	3.7
BANJO (H76-1034)	7.3	NUSTAR	3.7
NJIC	7.3	BARONIE (BAR VB 985)	3.3
NE 80-47	7.0	BELMONT (798)	3.3
VOYAGER	7.0	DESTINY	3.3
CALIBER (J-335)	6.7	FREEDOM	3.3
EVB 13.703	6.7	KWS PP 13-2	3.3
EVB 13.863	6.7	BARON	3.0
SOPHIA	6.7	PST-C-303	3.0
AMAZON	6.3	UNIQUE (PST-C-76)	3.0
J-386	6.3	MIRACLE	2.7
RAM-1	6.3	SUFFOLK	2.7
MONOPOLY	6.0	BA 74-017	2.3
NUBLUE (J-229)	6.0	UNKNOWN	2.3
PST-YQ	6.0	CREST	2.0
BARMAX (BAR VB 7037)	5.7	FORTUNA	2.0
BRONCO	5.7	MERIT	2.0
KYOSTI	5.7	PST-C-391	2.0
BARCELONA (BAR VB 1184)	5.3		
BARTITIA	5.3	LSD VALUE	1.8

1/ SEEDHEAD RATED IN 1993 ONLY.

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 40. STEMMINESS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER LOW MAINTENANCE
1991-1995 DATA

STEMMINESS RATINGS 1-9; 9=LEAST STEMMINESS 2/

NAME	OR1	NAME	OR1
ALENE	8.0	BRONCO	6.3
BA 78-376	8.0	EVB 13.703	6.3
BANJO (H76-1034)	8.0	SOPHIA	6.3
BAR VB 1169	8.0	BARTITIA	6.0
BAR VB 852	8.0	CHELSEA	6.0
CALIBER (J-335)	8.0	KWS PP 13-2	6.0
GEN-RSP	8.0	KYOSTI	6.0
KENBLUE	8.0	PST-C-303	6.0
MINNFINE (MN 2405)	8.0	BARZAN	5.7
NJIC	8.0	COBALT	5.7
PARK	8.0	DESTINY	5.7
PST-A7-111	8.0	FREEDOM	5.7
ISI-21	7.7	HAGA	5.7
MERION	7.7	NUBLUE (J-229)	5.7
MIDNIGHT	7.7	NUSTAR	5.7
PST-YQ	7.7	BARSWEEP	5.3
RAM-1	7.7	FORTUNA	5.3
SOUTH DAKOTA CERT.	7.7	LIBERTY	5.3
WASHINGTON	7.7	MIRACLE	5.3
BARMAX (BAR VB 7037)	7.3	SUFFOLK	5.3
DELLWOOD (ZPS-84-749)	7.3	BA 74-017	5.0
EVB 13.863	7.3	PST-C-391	5.0
BELMONT (798)	7.0	SR 2000	5.0
AMAZON	6.7	UNIQUE (PST-C-76)	5.0
BARCELONA (BAR VB 1184)	6.7	BARON	4.7
CYNTHIA	6.7	GNOME	4.7
J-386	6.7	MERIT	4.7
LIVINGSTON	6.7	NE 80-47	4.7
MONOPOLY	6.7	UNKNOWN	4.3
OPAL	6.7	CREST	3.7
VOYAGER	6.7		
BARONIE (BAR VB 985)	6.3	LSD VALUE	1.6

1/ STEMMINESS RATED IN 1994 ONLY.

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).