

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

Executive Director - Dr. Robert Shearman, University of Nebraska

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

CURRENT POLICY COMMITTEE MEMBERS:

Dr. A. Douglas Brede, Jacklin Seed Company
Dr. David Chalmers, Virginia Tech University
Dr. Thomas Fermanian, University of Illinois
Ms. Crystal Rose-Fricker, Pure-Seed Testing, Inc.
Mr. Al Gardner, Gardner Turfgrass, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Bridget Ruummele, University of Rhode Island

FOR ADDITIONAL REPORTS OR INFORMATION WRITE:

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

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LOCATIONS SUBMITTING DATA FOR 1996

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville (Full sun)	AR1
Georgia	Griffin	GA1
Iowa	Ames	IA1
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Massachusetts	Amherst	MA1
Maryland	Beltsville (High mowing)	UB1
Maryland	Beltsville (Low mowing)	UB2
Maryland	Silver Spring	MD1
Maine	Orono	ME1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
Missouri	St. Louis	MO3
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
Ohio	Columbus	OH1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Quebec	Quebec	QE1
Rhode Island	Kingston	RI1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup	WA3
Wisconsin	Madison	WI1

1994 NATIONAL PERENNIAL RYEGRASS TEST

Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	Elf	Bailey Seed & J. W. Jenks Co.	51	Repell III (LRF-94-C7)	Lofts Seed, Inc.
2	Dancer	International Marketing Service	52	Prelude III (LRF-94-B6)	Lofts Seed, Inc.
3	BAR Er 5813	Barenbrug Holland	53	Head Start (Pick PR 84-91)	Roberts Seed Co.
4	DSV NA 9401	Deutsche Saatveredelung	54	Blazer III (Pick 928)	Pickseed West, Inc.
5	DSV NA 9402	Deutsche Saatveredelung	55	Assure	LESCO, Inc.
6	Achiever	O. M. Scott & Sons	56	Advantage	LESCO, Inc.
7	APR 066	Advanta Seeds West, Inc.	57	Legacy II (LESCO-TWF)	LESCO, Inc.
8	APR 106	Advanta Seeds West, Inc.	58	Williamsburg	LESCO, Inc.
9	APR 124	Advanta Seeds West, Inc.	59	Riviera II	Roberts Seed Co.
10	APR 131	Advanta Seeds West, Inc.	60	Premier II (BAR USA 94-II)	Barenbrug USA
11	Precision	Advanta Seeds West, Inc.	61	Koos 93-3	J. R. Koos & Sons
12	Calypso II	Roberts Seed Co.	62	Linn	Standard Entry
13	Laredo	Turf Merchants, Inc.	63	Stallion Select	Finelawn Research, Inc.
14	Accent	Medalist America	64	Panther (ZPS-PR1)	Zajac Performance Seeds
15	Caddieshack (MED 5071)	Medalist America	65	Figaro	DLF/Trifolium
16	Top Gun (J-1703)	Medalist America	66	DLP 1305	DLF/Trifolium
17	J-1706	Jacklin Seed Co.	67	Nine-O-One	Cascade International Seed Co.
18	Edge	Pickseed West, Inc.	68	SR 4010 (SRX 4010)	Seed Research of OR, Inc.
19	Cutter	Pickseed West, Inc.	69	SR 4200	Seed Research of OR, Inc.
20	Express	Pickseed West, Inc.	70	SR 4400 (SRX 4400)	Seed Research of OR, Inc.
21	Esquire	Willamette Seed Co.	71	Omni	Royal Seeds of Salem, OR
22	Vivid	Willamette Seed Co.	72	Night Hawk	Forbes Seed & Grain, Inc.
23	WX3-91	Willamette Seed Co.	73	WVPB 92-4	Willamette Valley Plt. Breeders
24	WX3-93	Willamette Seed Co.	74	Koos 93-6	J. R. Koos & Sons
25	Stardance (PST-2FE)	LESCO, Inc.	75	PS-D-9	ProSeeds Marketing
26	Sonata (PST-2R3)	Pennington Seed, Inc.	76	Palmer III (LRF-94-MERH)	Lofts Seed, Inc.
27	Chaparral (PST-2DLM)	Pure-Seed Testing, Inc.	77	Pick Lp 102-92	Pickseed West, Inc.
28	Catalina (PST-GH-94)	Pure-Seed Testing, Inc.	78	CAS-LP23	Cascade International Seed Co.
29	Citation III (PST-2DGR)	Pure-Seed Testing, Inc.	79	Secretariat (RPBD)	Grasslands West
30	Brightstar II (PST-2MB)	Turf Seed, Inc.	80	PST-2CB	Turf-Seed, Inc.
31	Wind Star (PST-28M)	Pennington Seed, Inc.	81	Pennfine	Standard Entry
32	Roadrunner (PST-2ET)	Turf-Seed, Inc.	82	Morning Star	Pennington Seed, Inc.
33	Manhattan 3	Manhattan Rye Growers Assoc.	83	Saturn	Standard Entry
34	Prizm	Zajac Performance Seeds	84	Imagine	Olsen-Fennell Seed Co.
35	Navajo	Turf-Seed, Inc.	85	Pegasus	Olsen-Fennell Seed Co.
36	Saturn II (ZPS-2ST)	Turf-Seed & Zajac Perf. Seeds	86	Blackhawk (TMI-EXFLP94)	Turf Merchants, Inc.
37	Omega 3 (ZPS-2DR-94)	Turf-Seed & Zajac Perf. Seeds	87	Nobility	Ampac Seed Co.
38	Stallion Supreme (PSI-E-1)	Finelawn Research, Inc.	88	Divine	McCarthy/Burlingham Res. Farm
39	WVPB-93-KFK	Willamette Valley Plt .Breeders	89	Excel (MB 1-5)	McCarthy/Burlingham Res. Farm
40	WVPB-PR-C-2	Willamette Valley Plt .Breeders	90	Wizard (MB 41)	McCarthy/Burlingham Res. Farm
41	MVF-4-1	Mid-Valley Farms	91	Pennant II (MB 42)	McCarthy/Burlingham Res. Farm
42	Academy (PC-93-1)	Pratum Co-op	92	Majesty (MB 43)	McCarthy/Burlingham Res. Farm
43	Passport (PST-2FF)	Roberts Seed Co.	93	MB 44	McCarthy/Burlingham Res. Farm
44	Quickstart	Turf-Seed, Inc.	94	MB 45	McCarthy/Burlingham Res. Farm
45	MardiGras (ZPS-2NV)	Zajac Performance Seeds	95	Wind Dancer (MB 46)	Pennington Seed, Inc.
46	Brightstar	Turf-Seed, Inc.	96	Line Drive (MB 47)	LESCO, Inc.
47	ISI-MHB	International Seeds, Inc.			
48	R2 (ISI-R2)	International Seeds, Inc.			
49	Top Hat	International Seeds, Inc.			
50	LRF-94-C8	Lofts Seed, Inc.			

TABLE A.

1996 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1994 NATIONAL PERENNIAL RYEGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	-	-	-	-	-	-	-	-
GA1	SANDY CLAY LOAM	5.6-6.0	61-150	151-240	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	151-270	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IN1	SILT LOAM AND SILT	6.6-7.0	61-150	376-500	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
MA1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MD1	SANDY LOAM	6.1-6.5	151-270	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
ME1	-	-	-	-	-	-	-	-
MI1	LOAM	7.6-8.5	61-150	151-240	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
MO1	SILTY CLAY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MO3	SILTY CLAY LOAM	6.6-7.0	61-150	151-240	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NE1	-	-	-	-	-	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	6.6-7.0	271-450	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.6-7.0	451+	501+	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OH1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.6-7.0	61-150	501+	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
PA1	SILT LOAM AND SILT	6.6-7.0	61-150	0-150	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	5.6-6.0	151-270	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
UB2	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
VA1	-	-	-	-	-	-	-	-
WA1	SILT LOAM AND SILT	6.1-6.5	151-270	501+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
WA3	SANDY LOAM	5.6-6.0	0-60	151-240	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.1-7.5	451+	501+	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1996

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
AR1					X	X	X	X	X	X			X	
GA1	X	X	X	X	X	X	X	X	X	X	X	X	X	
IA1					X	X	X	X	X	X			X	X
IL1					X	X	X	X	X	X			X	
IL2				X	X	X	X	X					X	
IN1				X	X	X	X	X	X	X	X		X	X
KS1				X	X	X	X	X					X	X
KY1			X	X	X	X	X	X	X	X			X	X
MA1				X	X	X	X	X	X	X			X	X
MD1				X	X	X	X	X	X	X				
ME1					X	X	X	X	X	X	X		X	
MI1					X	X	X	X	X	X			X	X
MO1				X	X	X	X	X	X	X			X	
MO3				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
NJ2				X	X	X	X		X	X	X	X		
OH1					X	X	X	X	X	X	X		X	X
OK1				X	X	X	X	X	X	X			X	X
PA1					X	X	X	X	X	X			X	
QE1						X	X	X	X	X	X	X	X	X
RI1				X	X	X	X	X	X	X	X		X	X
UB1				X	X	X	X	X	X	X	X		X	X
UB2				X	X	X	X	X	X	X	X		X	X
VA1				X	X	X	X	X	X	X	X		X	
WA1				X	X	X	X	X	X	X			X	X
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X	
WI1					X	X	X	X	X				X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996

LOCATION	LEAF TEXTURE	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	WINTER KILL	DROUGHT TOLERANCE WILTING	PINK SNOW MOLD	LEAF SPOT	DOLLAR SPOT	RED THREAD	BROWN PATCH
AR1					X		X		X						
GA1		X	X		X										
IA1	X														
IL1	X			X											
IL2	X														
IN1	X												X		
KS1	X									X					
KY1	X														
MA1															
MD1															
ME1					X						X				
MI1	X														
MO1	X		X												
MO3	X	X	X	X	X	X	X								
NE1	X								X						X
NJ1	X													X	
NJ2															
OH1	X														
OK1	X	X	X	X	X	X	X								
PA1		X		X											
QE1	X	X	X	X											
RI1	X														
UB1	X											X	X		
UB2	X				X										
VA1	X														
WA1	X														
WA3	X	X	X	X	X	X	X	X							
WI1															

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1996

LOCATION	PERCENT RED THREAD	SUMMER COLOR AUGUST	LEAF RUST RATING	MOWING QUALITY RATING	PERCENT DOLLAR SPOT JULY 29	PERCENT DOLLAR SPOT AUG. 7	PERCENT DOLLAR SPOT AUG. 21	LEAF SPOT JUNE	LEAF SPOT JULY	LEAF SPOT NOVEMBER	BROWN PATCH JULY	BROWN PATCH AUGUST	BROWN PATCH SEPTEMBER
AR1			X										
GA1		X											
IA1													
IL1													
IL2													
IN1													
KS1													
KY1	X				X	X	X						
MA1													
MD1													
ME1								X	X	X	X	X	X
MI1													
MO1													
MO3													
NE1													
NJ1													
NJ2													
OH1													
OK1													
PA1													
QE1													
RI1													
UB1													
UB2													
VA1													
WA1													
WA3				X									
WI1													

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT TWENTY-EIGHT LOCATIONS IN THE U.S. AND CANADA 1/
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	GAI	IA1	IL1	IL2	IN1	KSI	KY1	MA1	MD1	ME1	MI1	MO1	MO3	NE1	NJ1	NJ2	OH1	OK1	PA1	QEI	RI1	UB1	UB2	VA1	WA1	WA3	WI1	MEAN
* PALMER III (LRF-94-MPRH)	4.7	4.2	6.7	6.4	7.1	7.2	6.4	7.8	6.1	6.3	7.8	6.1	6.3	7.0	5.1	6.2	5.8	7.9	4.4	8.2	6.6	6.5	6.0	6.8	6.1	6.6	6.2	6.5	6.4
* PENNANT II (MB 42)	6.2	4.3	6.6	5.9	7.8	7.0	6.5	8.2	5.1	6.1	7.1	5.9	6.7	6.9	5.4	5.6	6.0	8.0	4.8	7.9	7.0	6.3	5.3	6.7	6.0	6.4	6.0	6.2	6.4
* PREMIER II (BAR USA 94-II)	4.8	4.2	7.1	5.1	6.1	7.2	6.6	7.9	6.0	6.9	7.1	5.8	6.7	6.9	5.6	6.5	6.0	7.7	5.0	7.7	7.1	6.7	6.0	6.3	5.8	6.7	6.3	6.1	6.3
MB 44	7.3	4.3	6.5	5.7	5.3	7.0	6.9	7.9	5.9	6.5	6.9	5.6	7.2	7.2	5.0	5.1	5.4	7.8	5.8	8.2	7.1	6.2	4.9	6.7	6.3	7.0	5.3	6.3	6.3
BRIGHTSTAR II (PST-2M3)	4.7	4.3	5.3	5.4	5.3	7.4	6.7	8.2	6.0	6.9	6.8	5.7	6.7	7.2	3.5	6.5	7.0	8.0	5.0	7.8	7.0	6.6	6.3	6.5	6.6	6.9	6.2	6.5	6.3
* CALYPSO II	4.3	3.9	6.3	5.9	6.7	7.3	6.6	7.5	5.8	7.0	7.4	5.4	6.5	7.3	5.4	6.1	6.0	7.7	4.6	8.2	6.5	6.7	6.2	6.8	6.0	6.4	5.8	6.1	6.3
MB 45	3.9	4.1	6.7	5.8	6.7	7.2	6.7	7.8	5.7	6.2	7.2	5.8	6.7	7.5	5.3	5.8	6.0	7.6	4.8	7.4	7.2	6.0	5.3	6.5	6.2	6.8	5.8	6.0	6.3
* SECRETARIAT (RPBD)	3.8	4.4	6.8	5.5	7.7	7.1	6.3	7.5	6.5	6.5	7.0	5.6	6.8	6.8	5.2	5.8	5.7	7.7	4.5	7.9	6.8	6.4	5.9	6.5	6.1	6.4	5.5	6.1	6.2
* LINE DRIVE (MB 47)	3.1	4.3	6.9	5.6	6.3	7.0	6.5	7.6	6.0	6.5	7.0	5.8	6.9	7.2	4.9	5.9	5.6	7.9	5.3	7.9	7.0	5.9	5.5	6.4	6.1	6.9	5.6	6.1	6.2
* CATALINA (PST-GH-94)	4.8	4.1	6.6	5.8	6.3	6.9	6.3	8.0	6.3	6.7	7.1	5.3	6.3	7.2	5.1	6.0	5.4	8.0	5.2	8.1	6.9	6.0	5.8	6.5	5.5	6.3	5.1	6.2	6.2
J-1706	2.9	4.1	7.2	5.4	6.1	7.3	6.0	7.7	5.8	6.7	7.0	5.6	7.1	6.9	5.5	5.9	5.4	7.7	4.9	8.6	6.8	6.2	6.4	5.9	6.0	6.7	5.7	5.9	6.2
* REPELL III (LRF-94-C7)	3.4	3.9	5.1	5.7	7.2	6.9	6.9	8.4	5.5	6.3	8.1	5.5	7.6	7.1	4.8	5.9	5.5	7.4	5.3	7.2	7.0	6.2	4.9	6.3	6.3	6.9	5.8	6.0	6.2
* MAJESTY (MB 43)	5.2	4.1	6.3	6.1	6.7	6.8	6.5	7.9	5.9	6.3	7.2	5.9	7.0	6.7	4.9	5.6	5.6	7.7	5.0	7.7	7.1	5.5	5.2	6.3	5.5	6.7	5.7	5.6	6.2
LRF-94-C8	4.7	4.0	5.6	5.0	6.7	7.0	6.8	8.2	6.0	6.0	7.7	5.8	6.1	7.6	4.3	5.9	5.7	7.8	4.7	7.4	7.1	5.8	5.1	6.5	6.3	6.8	5.4	6.2	6.1
* CADDIESHACK (MED 5071)	4.9	3.8	6.7	5.2	6.5	7.0	6.1	7.8	5.5	6.4	6.7	5.9	6.8	6.9	5.5	5.5	5.8	7.7	5.7	7.6	6.4	5.8	6.7	6.5	5.7	6.1	5.1	5.8	6.1
PST-2R3	3.8	4.1	6.8	6.4	7.0	7.0	6.1	7.3	5.3	6.4	6.4	6.2	7.2	7.1	5.4	4.7	5.6	7.9	5.1	8.2	6.9	6.1	6.2	5.8	5.8	6.2	4.7	5.9	6.1
* TOP HAT	3.9	4.1	5.9	5.6	6.1	7.0	6.1	7.8	5.9	7.0	7.3	5.8	7.6	6.7	4.9	5.7	5.3	7.7	6.2	7.5	6.4	5.9	5.5	6.5	5.6	5.8	5.5	6.1	6.1
* PANTHER (ZPS-PR1)	2.7	4.2	6.5	6.3	5.4	7.1	6.5	7.9	5.6	6.2	6.7	5.8	6.6	7.0	5.1	6.2	5.6	7.8	4.7	7.7	7.2	6.5	5.8	6.3	5.9	6.1	5.9	6.1	6.1
* ACCENT	5.3	3.8	6.7	5.8	5.5	7.1	6.3	7.4	5.5	6.7	6.6	5.6	7.0	6.7	6.3	5.6	5.2	7.5	6.4	7.4	6.4	5.7	5.9	6.5	5.7	6.0	5.0	5.9	6.1
* WIND DANCER (MB 46)	5.4	4.2	5.2	5.4	6.0	7.1	7.2	7.9	5.6	6.4	6.6	5.9	6.6	7.3	4.6	5.4	6.0	7.8	4.1	7.9	7.1	5.5	5.4	6.8	6.1	6.8	5.2	5.9	6.1
PICK LP 102-92	4.6	3.9	6.4	5.7	5.4	6.8	6.3	7.9	6.3	6.3	7.0	6.0	6.8	6.9	4.2	5.3	5.5	7.6	5.8	7.5	6.7	6.3	5.7	6.6	6.0	6.4	5.1	6.0	6.1
* PRELUDE III (IRF-94-B6)	4.4	4.1	5.4	5.2	6.3	7.0	7.3	8.4	6.0	6.3	7.6	5.5	6.9	7.2	3.7	6.1	5.7	7.3	5.2	7.5	7.0	5.8	5.2	5.8	6.5	6.3	5.1	6.0	6.1
* MANHATTAN 3	2.5	4.1	6.6	5.8	6.2	6.8	6.6	7.9	5.5	6.2	6.1	5.4	7.0	7.1	5.4	5.6	5.5	8.0	5.7	7.8	7.0	5.7	5.8	6.7	5.9	6.5	4.9	6.1	6.1
* DIVINE	2.6	3.7	6.6	4.9	7.5	6.7	6.9	8.0	5.8	6.5	6.7	5.7	6.5	6.0	4.9	6.2	5.5	7.5	5.4	8.1	7.0	6.0	5.4	7.1	5.8	6.3	4.9	6.1	6.1
* IMAGINE	2.7	3.9	5.9	6.4	7.9	7.2	6.7	7.7	5.1	6.8	7.6	5.7	6.1	7.3	4.1	4.8	5.3	7.3	5.3	7.7	6.9	5.4	5.4	6.1	6.0	6.6	6.4	6.0	6.1
* LAREDO	1.6	3.8	6.6	5.4	5.2	6.9	6.7	8.0	5.7	6.7	6.8	5.7	6.7	7.0	5.8	5.9	5.6	7.9	6.4	7.4	6.8	5.8	5.4	5.9	5.8	6.4	5.5	6.3	6.1
* BRIGHTSTAR	3.7	3.9	6.1	5.1	4.2	7.2	6.7	7.8	6.0	7.0	6.9	5.8	6.4	7.0	5.0	4.8	6.2	7.4	5.0	8.3	7.0	6.4	4.3	6.4	6.0	6.6	5.3	6.1	6.0
* PRIZM	3.2	4.0	6.2	5.1	6.2	6.9	6.3	7.6	6.0	6.9	5.6	5.4	7.6	7.0	5.1	5.7	5.0	7.7	5.3	7.9	7.0	6.1	5.0	6.8	5.9	6.3	5.5	6.1	6.0
ISI-MHB	2.8	4.1	6.4	5.7	5.1	7.1	6.2	7.5	5.5	6.4	7.1	5.4	7.0	6.5	5.9	5.2	5.0	7.9	5.8	8.2	6.6	6.0	6.3	6.4	5.6	6.2	5.6	5.7	6.0
* WIZARD (MB 41)	3.9	4.0	6.5	5.8	6.7	6.6	5.8	7.5	5.5	6.2	6.6	5.9	7.0	7.0	5.3	5.2	5.3	7.7	5.2	7.4	6.9	5.6	5.6	6.8	5.6	6.1	5.2	5.9	6.0
* SR 4200	4.0	4.1	6.4	6.4	6.6	7.0	6.1	7.5	5.9	6.7	6.5	5.6	6.6	6.5	5.1	4.9	5.0	7.8	5.6	7.7	6.7	6.1	5.2	6.8	5.4	6.2	5.5	5.9	6.0
* PASSPORT (PST-2FF)	4.6	3.8	6.1	6.2	4.6	6.5	6.4	7.7	5.3	6.6	6.5	6.0	6.7	6.9	5.0	4.9	5.2	8.0	5.4	7.9	7.0	6.0	6.0	6.4	6.0	6.0	5.3	5.9	6.0
* ESQUIRE	4.3	3.9	6.2	5.5	5.5	6.6	6.6	7.7	5.8	6.8	7.0	5.6	6.8	6.8	5.4	5.6	5.2	7.7	6.1	7.6	6.7	6.2	5.2	5.2	5.9	6.0	4.8	5.9	6.0
* ASSURE	4.7	4.1	6.2	6.3	6.3	6.4	6.0	7.2	5.9	6.1	6.6	5.9	7.2	6.3	5.0	4.8	5.2	7.6	5.7	7.8	6.4	6.1	5.8	6.3	5.8	5.7	5.2	5.9	6.0
* SR 4400 (SRX 4400)	5.2	4.1	6.7	6.1	6.1	7.2	6.1	7.3	5.9	6.6	6.6	5.8	6.8	6.3	5.6	4.0	4.3	8.0	6.4	7.8	6.6	5.7	5.0	6.0	5.5	5.6	4.9	6.0	6.0
* ACHIEVER	3.9	3.9	6.4	6.6	5.7	6.2	5.9	7.1	5.7	6.5	7.0	5.8	7.1	6.8	4.8	5.2	4.3	7.6	6.5	7.5	6.8	5.7	5.9	6.2	5.8	6.2	5.2	5.7	6.0
* WIND STAR (PST-28M)	3.2	4.0	6.7	6.0	7.1	6.7	6.5	7.6	6.1	6.2	6.6	6.1	7.2	6.6	3.6	5.2	4.7	7.4	4.7	7.5	6.8	6.1	5.6	6.3	5.6	6.4	5.2	6.0	6.0
* BLACKHAWK (TMI-EXFLP94)	4.0	4.4	6.8	5.9	7.3	6.8	6.0	7.2	6.0	6.4	5.7	5.9	6.5	7.0	4.7	4.9	4.8	7.4	6.0	8.0	6.7	6.0	4.6	6.1	5.5	5.8	5.3	5.9	6.0
* BLAZER III (PICK 928)	2.4	3.8	6.3	5.8	7.0	6.9	6.6	7.3	6.0	6.8	6.8	5.6	6.7	6.7	5.1	4.7	5.0	8.1	5.0	7.8	6.4	6.1	5.8	5.9	5.6	6.3	5.1	6.0	6.0
* CHAPARRAL (PST-2DLM)	4.3	4.3	6.4	5.2	5.8	7.1	6.5	7.7	5.2	6.4	7.6	5.8	5.8	7.0	4.3	5.5	5.4	7.7	4.6	7.2	6.7	5.8	5.4	6.0	6.2	6.5	5.3	6.1	6.0
* MARDIGRAS (ZPS-2NV)	3.2	3.8	6.6	5.6	4.7	6.6	6.7	7.8	6.0	6.5	6.8	5.8	6.5	7.1	5.5	5.3	4.9	7.6	4.4	8.6	6.8	5.4	6.0	6.0	5.6	6.3	5.6	5.7	6.0
* EXCEL (MB 1-5)	4.2	3.8	6.8	4.8	4.9	6.5	6.8	7.5	5.8	6.0	7.3	5.9	6.9	6.9	4.3	5.3	5.4	7.6	5.7	7.5	7.0	5.5	5.0	5.9	5.6	6.5	5.8	5.9	6.0
* RIVIERA II	4.9	4.0	6.2	6.2	4.7	6.6	6.5	7.4	5.3	7.0	6.9	6.0	6.6	6.5	4.9	5.0	4.8	7.5	5.4	7.9	6.8	5.8	5.3	5.8	5.5	6.4	5.2	5.6	6.0
* TOP GUN (J-1703)	4.7	3.6	5.9	5.8	5.5	6.9	6.1	7.8	5.5	6.2	7.0	5.8	7.1	6.7	4.9	5.3	4.9	7.4	5.9	8.1	6.4	5.8	5.5	5.9	5.5	6.1	4.8	5.9	6.0
* HEAD START (PICK PR 84-91)	2.9	3.7	6.1	5.3	6.0	7.0	6.3	7.6	5.9	6.5	6.5	5.8	7.1	6.8	5.4	5.0	4.8	7.6	5.9	8.0	6.5	5.8	5.7	6.0	5.7	6.2	5.0	5.7	6.0
* OMNI	4.4	4.1	6.2	5.8	4.5	7.3	6.3	7.0	5.9	6.4	6.9	5.9	6.4	6.8	5.2	5.0	4.8	7.5	5.6	8.2	6.6	6.0	4.9	5.8	5.5	6.1	5.3	5.7	5.9
WX3-93	3.1	3.8	6.3	5.9	4.7	7.1	6.1	7.5	6.3	7.0	6.2	5.9	7.2	7.0	4.9	4.9	5.3	7.5	5.7	7.7	7.0	6.2	4.9	5.3	5.7	6.0	4.9	6.1	5.9
* OMEGA3 (ZPS-2DR-94)	2.7	4.2	7.0	4.7	5.2	6.8	6.7	7.3	6.0	6.5	6.1	6.2	6.4	6.9	4.9	5.5	4.4	7.7	5.3	7.6	6.9	6.3	5.3	6.2	5.4	6.3	5.4	5.9	

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT TWENTY-EIGHT LOCATIONS IN THE U.S. AND CANADA
1996 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	AR1	GAI	IA1	IL1	IL2	IN1	KSI	KY1	MA1	MD1	ME1	MI1	MO1	MO3	NE1	NJ1	NJ2	OH1	OK1	PA1	QEI	RI1	UB1	UB2	VA1	WA1	WA3	WI1	MEAN
PS-D-9	3.3	4.3	6.5	6.2	6.2	6.7	5.9	7.3	5.7	6.5	6.3	5.6	6.9	6.5	4.9	4.8	4.3	7.7	5.4	7.7	6.8	5.9	5.6	6.2	5.5	5.7	4.9	5.8	5.9
* MORNING STAR	5.8	4.0	5.8	5.7	5.4	6.0	5.6	7.5	5.6	6.6	6.3	5.6	6.6	6.5	4.5	4.8	5.0	7.5	6.1	7.9	6.8	5.5	5.3	6.2	5.4	5.7	5.3	5.7	5.9
* ROADRUNNER (PST-2ET)	3.4	4.1	6.3	5.7	5.3	6.4	5.6	7.8	5.8	5.9	6.4	5.9	7.0	7.5	4.4	4.9	5.0	7.6	5.0	7.1	6.3	5.7	5.8	6.7	5.7	6.5	4.9	5.9	5.9
* STALLION SUPREME (PSI-E-1)	4.6	3.8	6.3	6.0	5.3	6.8	6.5	7.1	5.8	6.6	6.2	6.1	6.1	6.7	5.1	4.9	4.2	7.7	5.6	7.1	6.8	5.9	5.5	5.8	5.5	6.0	4.8	6.0	5.9
* CUTTER	3.8	3.8	6.5	5.8	6.1	6.4	6.2	7.5	5.2	6.5	6.6	5.2	6.6	6.5	5.5	4.6	5.0	7.6	6.0	7.2	6.8	5.6	5.0	5.6	5.6	6.0	5.2	6.0	5.9
* ADVANTAGE	2.9	3.9	6.5	5.3	6.3	6.4	6.5	7.8	5.8	6.3	6.7	5.8	6.2	6.6	4.4	5.2	5.2	7.5	4.5	7.8	6.7	5.8	5.7	5.9	5.5	6.4	4.9	5.7	5.9
KOOS 93-6	3.1	4.1	6.7	6.2	5.5	6.5	6.1	7.1	5.6	6.3	6.1	6.0	6.0	6.4	5.2	4.7	4.6	7.7	5.2	7.8	6.4	6.1	5.7	6.4	5.7	5.9	5.1	5.7	5.9
* VIVID	4.3	4.0	7.0	5.8	5.5	6.7	5.9	7.5	5.1	6.7	5.5	6.1	6.7	6.5	5.2	4.8	4.5	7.5	6.2	7.2	6.4	6.0	4.8	5.4	5.7	6.0	4.8	5.9	5.8
WVPB-93-KFK	4.3	4.3	6.5	5.6	4.5	6.4	6.3	7.0	5.3	6.5	6.2	5.7	6.7	6.6	5.4	5.2	4.6	7.8	5.4	7.6	6.6	5.5	4.9	6.0	5.8	6.1	4.8	5.9	5.8
* R2 (ISI-R2)	2.7	4.0	6.7	6.0	5.9	7.3	5.9	7.1	5.9	6.4	6.1	5.7	7.4	6.4	4.7	4.8	4.6	7.7	4.9	7.8	6.5	5.5	5.1	6.1	5.1	5.9	4.8	5.8	5.8
KOOS 93-3	5.1	4.1	6.2	5.6	4.5	6.2	6.1	7.3	5.5	6.4	6.3	5.7	6.8	6.4	4.7	4.9	4.6	7.5	5.0	7.8	6.6	5.7	5.3	5.7	5.3	6.0	5.4	5.9	5.8
APR 106	2.6	4.2	6.3	6.0	4.6	6.3	6.3	6.8	5.3	7.0	6.1	5.9	6.9	6.5	5.4	4.7	4.9	7.7	5.9	6.5	6.7	5.3	5.5	5.9	5.6	5.9	5.3	6.1	5.8
* ACADEMY (PC-93-1)	4.2	4.3	6.4	6.1	4.1	6.5	6.3	7.1	5.5	6.4	6.3	5.9	6.2	6.4	5.1	4.6	4.2	7.7	6.0	7.4	6.7	5.8	5.2	5.8	5.5	5.6	5.0	5.9	5.8
* LEGACY II (LESCO-TWF)	2.6	3.7	6.2	4.7	7.0	6.7	6.4	7.9	5.0	6.0	5.9	5.5	6.4	7.0	3.8	4.7	5.5	7.7	4.3	7.9	6.9	6.4	5.9	5.5	5.7	6.2	4.6	5.7	5.8
* SR 4010 (SRX 4010)	3.6	4.1	6.8	5.7	5.1	6.8	6.4	7.0	5.4	6.3	6.0	5.8	6.8	6.4	5.2	4.6	4.2	7.8	5.0	7.3	6.3	5.8	4.9	6.3	5.3	5.9	4.9	5.8	5.8
MVF-4-1	3.8	4.1	6.4	6.6	4.6	6.6	6.3	7.3	5.8	6.3	6.2	5.6	7.0	6.4	4.9	4.5	4.5	7.7	4.7	7.3	6.2	5.7	5.0	5.9	5.5	5.4	5.1	5.7	5.8
* QUICKSTART	3.3	4.0	6.2	6.3	5.2	6.5	6.2	7.3	5.5	6.4	5.9	5.7	6.2	6.5	4.4	5.1	4.8	7.8	6.0	7.4	6.4	5.2	5.3	6.5	5.6	6.0	4.3	5.6	5.8
* NIGHT HAWK	4.9	3.9	6.1	5.6	3.8	6.4	6.5	6.9	5.4	6.3	6.4	5.7	6.4	6.8	4.2	5.4	4.9	7.8	5.9	7.5	6.5	5.8	4.5	5.0	5.5	5.9	5.3	5.9	5.8
WVPB 92-4	3.8	4.0	6.7	6.3	5.3	6.3	6.2	6.6	5.7	6.1	6.3	5.6	7.1	6.4	4.8	4.2	3.9	7.6	6.1	7.2	6.6	5.5	4.8	6.0	5.3	5.5	5.1	5.7	5.7
* NOBILITY	4.2	4.0	6.7	5.4	6.1	6.5	5.7	6.8	5.3	6.4	5.0	5.8	6.3	6.2	4.9	4.3	4.5	8.0	5.7	7.5	6.8	5.4	5.2	5.8	5.5	5.8	5.1	5.9	5.7
* PRECISION	2.1	4.2	6.2	6.1	4.1	6.8	6.7	7.1	5.2	6.4	5.4	5.8	6.1	6.8	5.3	5.5	4.9	7.6	4.6	7.3	6.3	5.7	5.3	5.9	5.4	6.1	5.3	5.9	5.7
BAR ER 5813	4.1	3.8	6.4	5.2	4.6	6.4	5.7	6.6	6.3	6.0	6.6	5.7	6.6	6.3	5.1	4.5	4.3	7.5	7.0	6.8	6.6	6.0	4.6	5.6	5.3	5.9	4.5	6.2	5.7
CAS-LP23	4.6	4.1	6.2	5.4	5.3	6.2	6.3	6.9	5.8	5.8	6.7	5.2	6.5	6.7	4.5	4.6	4.0	7.1	5.1	7.4	6.8	5.7	4.8	5.5	5.3	6.2	5.1	6.1	5.7
WX3-91	3.2	4.0	5.4	5.9	4.6	6.2	6.3	7.6	5.2	6.6	6.2	5.8	6.1	6.8	4.6	4.7	4.8	8.0	5.4	7.8	6.7	6.1	4.8	4.7	5.7	5.8	5.0	5.7	5.7
APR 124	2.8	4.3	6.3	4.6	4.8	6.4	6.2	7.0	5.0	6.4	6.1	6.2	6.6	6.7	4.9	5.4	4.6	7.4	5.1	7.0	6.3	5.5	4.6	6.0	5.5	6.1	5.3	5.9	5.7
* STALLION SELECT	4.1	4.0	6.2	5.1	4.8	6.4	6.3	7.0	5.5	6.0	6.0	6.0	7.0	6.3	4.6	5.2	5.4	7.6	5.7	6.8	6.3	5.5	4.5	5.3	5.3	5.7	4.9	5.7	5.7
* EXPRESS	3.2	3.9	6.7	5.6	6.2	6.4	5.8	7.1	5.2	6.7	5.9	5.6	6.4	6.3	4.9	4.7	3.9	7.5	5.3	7.2	7.0	5.5	4.8	5.1	5.3	6.0	5.1	5.7	5.7
* WILLIAMSBURG	4.0	3.9	6.2	6.0	4.3	6.4	6.0	7.1	5.4	6.1	6.0	5.9	6.5	5.9	4.5	4.1	4.1	7.9	5.8	7.3	6.8	5.3	5.6	5.7	5.3	5.8	5.0	5.7	5.7
* SATURN	4.7	3.9	6.1	5.9	3.9	6.5	6.5	6.8	5.7	6.0	5.7	5.3	6.7	6.2	5.0	4.2	4.3	7.8	5.1	7.5	6.4	5.3	4.9	5.2	5.4	5.4	5.3	6.0	5.6
* NAVAJO	2.6	3.7	5.8	5.8	5.5	6.5	6.3	7.0	5.3	5.8	5.5	6.2	6.5	6.5	4.9	4.4	4.6	7.8	4.4	7.9	6.5	5.8	4.8	5.0	5.4	5.7	4.8	5.8	5.6
PST-2CB	3.4	4.1	6.3	5.5	4.0	6.3	5.9	7.3	5.5	6.0	5.7	5.7	6.7	6.5	3.9	4.6	4.7	7.5	5.0	7.1	6.9	5.3	5.3	5.4	5.5	6.0	4.9	5.6	5.6
* STARDANCE (PST-2FE)	2.6	3.8	6.0	4.8	3.0	6.8	6.6	7.3	5.0	6.5	6.1	6.2	6.1	6.4	4.0	5.1	4.6	7.8	4.8	7.0	6.7	5.1	5.6	5.4	5.2	6.4	4.6	6.1	5.6
* DANCER	3.5	4.0	6.6	5.6	4.0	6.6	6.0	6.0	5.5	6.5	6.2	5.7	6.7	6.3	4.7	4.6	3.9	7.6	5.3	7.9	6.2	5.5	3.9	4.9	5.3	5.8	4.8	6.1	5.6
APR 131	2.4	4.1	5.9	5.6	4.0	6.4	6.0	6.8	5.0	6.2	5.2	5.8	6.2	6.2	4.3	4.6	4.5	7.6	5.8	7.4	6.5	5.4	5.1	5.8	5.4	5.8	4.7	6.0	5.5
WVPB-PR-C-2	3.3	4.0	6.2	5.6	3.8	6.3	6.1	6.8	5.0	6.4	6.0	5.9	6.9	6.5	4.7	4.4	4.0	7.3	4.5	7.4	6.7	5.7	4.3	4.9	5.3	5.7	5.1	5.7	5.5
* PEGASUS	3.8	4.2	5.8	4.8	4.2	6.6	5.8	6.6	5.1	6.2	6.0	5.8	6.1	6.3	4.4	4.5	4.5	7.3	5.4	7.2	6.9	5.8	3.8	4.5	5.3	6.0	5.1	5.8	5.5
APR 066	2.3	4.1	5.9	6.1	4.9	6.3	5.9	6.7	4.8	6.8	5.2	5.8	6.4	6.3	4.4	3.5	3.7	7.4	6.3	7.3	6.7	5.1	5.2	4.6	5.2	5.8	4.4	5.9	5.5
* NINE-O-ONE	4.4	4.0	5.5	4.9	4.1	6.6	6.5	7.4	4.2	5.8	5.6	5.6	5.9	6.6	3.6	4.6	4.6	7.5	4.4	7.4	6.6	5.0	4.8	5.1	4.9	5.9	5.6	5.7	5.5
DLP 1305	2.3	3.7	6.5	4.2	3.8	6.6	6.1	5.7	5.3	6.4	5.4	5.9	6.5	5.9	5.1	3.5	3.5	7.2	5.0	7.3	6.8	5.2	4.3	2.0	4.7	5.5	5.3	6.0	5.2
DSV NA 9402	3.4	4.2	5.9	5.4	2.3	5.7	5.6	5.5	4.6	6.4	4.7	5.6	6.4	5.9	4.3	3.1	3.4	7.1	5.2	7.1	6.1	5.0	3.7	4.1	4.5	5.1	5.1	6.2	5.1
* FIGARO	3.6	4.1	5.6	4.1	2.0	5.7	5.6	5.6	4.6	5.9	4.6	6.2	6.6	6.0	4.3	2.7	3.4	7.0	4.0	7.1	6.4	5.2	4.5	2.9	4.5	4.9	4.8	5.6	4.9
DSV NA 9401	2.7	4.0	5.6	4.8	2.5	5.2	6.1	5.4	4.9	6.3	4.3	5.9	6.8	5.7	3.8	3.1	3.0	7.2	4.9	6.9	6.4	4.5	3.3	3.8	4.3	5.1	4.8	6.3	4.9
* PENNFINE	3.6	3.4	5.5	5.7	2.1	5.2	5.5	5.6	5.2	5.7	4.8	5.8	7.0	5.6	4.1	2.6	2.9	7.5	5.5	5.9	6.1	4.1	4.3	2.8	4.8	5.6	4.3	5.5	4.9
* LINN	1.2	3.8	4.3	3.1	1.0	2.6	3.7	3.3	3.3	4.4	2.4	5.7	5.8	4.4	2.2	1.4	1.1	5.7	4.2	4.7	5.9	2.8	2.8	1.5	3.2	3.5	3.1	4.9	3.4
LSD VALUE	1.9	0.6	0.8	0.9	2.4	0.6	0.6	0.5	1.0	0.7	1.1	0.7	1.1	0.6	0.8	0.9	1.0	0.5	1.5	0.9	0.7	0.6	1.0	1.0	0.4	0.6	0.4	0.5	0.2
C.V. (%)	31.8	10.0	8.4	9.8	27.8	5.3	5.9	4.3	10.9	7.2	10.7	6.8	10.0	5.7	10.3	11.1	12.7	3.8	17.8	7.2	6.1	6.1	11.9	10.5	4.7	6.0	4.2	4.8	10.3

* COMMERCIALY AVAILABLE IN THE USA IN 1997.

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH MONTH GROWN AT TWENTY-EIGHT LOCATIONS IN THE U.S. AND CANADA 1/ 1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF; MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PALMER III (LRF-94-MPRH)	5.3	4.7	5.5	6.1	6.3	6.4	6.1	6.5	6.6	6.6	6.6	5.7	6.4
PENNANT II (MB 42)	5.0	4.5	5.6	6.3	6.3	6.4	6.1	6.4	6.6	6.4	6.4	5.3	6.4
PREMIER II (BAR USA 94-II)	5.3	4.3	5.3	6.0	6.1	6.3	6.1	6.5	6.8	6.7	6.7	5.7	6.4
MB 44	4.3	4.0	5.3	6.1	6.5	6.5	6.0	6.3	6.6	6.6	6.1	5.1	6.3
BRIGHTSTAR II (PST-2M3)	4.8	4.3	5.1	6.1	6.4	6.4	6.0	6.3	6.5	6.8	6.7	6.1	6.3
CALYPSO II	4.8	4.2	5.3	6.0	6.2	6.5	6.0	6.4	6.6	6.6	6.4	4.9	6.3
MB 45	4.0	4.0	5.3	6.0	6.1	6.3	6.0	6.4	6.4	6.5	6.5	5.8	6.3
SECRETARIAT (RPBD)	5.2	4.0	5.4	6.0	6.0	6.3	6.1	6.3	6.5	6.5	6.3	5.1	6.2
LINE DRIVE (MB 47)	4.8	4.3	5.3	5.9	6.0	6.3	6.0	6.4	6.5	6.4	6.4	5.3	6.2
CATALINA (PST-GH-94)	4.7	4.2	5.1	5.8	6.1	6.3	6.0	6.2	6.5	6.6	6.4	5.4	6.2
J-1706	4.8	4.2	5.5	5.8	5.8	6.3	6.1	6.3	6.5	6.5	6.3	5.3	6.2
REPELL III (LRF-94-C7)	4.5	4.3	5.2	6.1	6.1	6.3	5.9	6.2	6.4	6.3	6.4	5.4	6.2
MAJESTY (MB 43)	4.5	4.3	5.3	6.2	6.1	6.3	5.8	6.2	6.4	6.5	6.0	5.1	6.2
LRF-94-C8	4.5	4.2	5.3	6.2	6.1	6.1	5.8	6.2	6.3	6.4	6.4	5.6	6.1
CADDIESHACK (MED 5071)	4.3	3.8	4.8	5.8	6.1	6.2	6.2	6.2	6.4	6.3	6.1	4.7	6.1
PST-2R3	4.3	4.0	4.6	5.8	6.1	6.3	6.0	6.1	6.3	6.3	6.0	4.7	6.1
TOP HAT	4.7	4.0	5.2	5.8	5.8	6.2	6.1	6.3	6.5	6.4	6.0	4.8	6.1
PANTHER (ZPS-PR1)	5.0	4.2	5.3	5.9	5.9	6.1	5.9	6.3	6.5	6.5	6.3	5.4	6.1
ACCENT	4.3	3.8	5.1	5.6	6.0	6.3	6.0	6.3	6.4	6.3	5.9	4.8	6.1
WIND DANCER (MB 46)	3.8	3.8	5.1	6.1	6.1	6.1	5.8	6.1	6.4	6.5	6.2	5.4	6.1
PICK LP 102-92	4.3	4.0	5.0	5.9	6.0	6.3	5.9	6.2	6.6	6.3	5.8	4.9	6.1
PRELUDE III (LRF-94-B6)	4.7	4.2	5.3	6.2	5.9	6.1	5.8	6.3	6.3	6.3	6.2	5.5	6.1
MANHATTAN 3	4.5	3.7	5.1	6.0	5.9	6.2	6.0	6.2	6.3	6.3	5.9	5.1	6.1
IMAGINE	5.0	4.5	5.3	5.8	6.3	6.3	5.9	6.0	6.1	6.3	6.1	5.1	6.1
DIVINE	4.0	4.2	5.2	6.0	6.0	6.2	6.0	6.2	6.2	6.0	5.9	4.9	6.1
LAREDO	4.5	3.8	5.1	5.9	5.9	6.0	5.9	6.1	6.4	6.5	6.1	4.7	6.1
BRIGHTSTAR	4.5	4.2	4.9	5.9	6.1	6.2	5.8	6.0	6.3	6.3	6.0	5.1	6.0
PRIZM	4.7	4.0	5.5	5.9	5.9	6.2	5.9	6.1	6.3	6.3	5.8	4.8	6.0
ISI-MHB	5.0	4.3	5.4	5.7	5.8	6.1	5.9	6.1	6.3	6.4	6.0	4.8	6.0
WIZARD (MB 41)	4.7	4.0	5.3	6.1	5.9	6.1	5.7	6.0	6.3	6.2	6.2	5.1	6.0
SR 4200	4.8	4.2	5.4	5.8	5.9	6.0	6.0	6.1	6.3	6.2	5.8	4.8	6.0
PASSPORT (PST-2FF)	4.7	4.0	5.0	5.5	5.9	6.0	5.8	6.1	6.5	6.3	6.0	4.9	6.0
ESQUIRE	4.3	4.0	5.3	5.9	5.9	6.2	6.0	6.1	6.1	6.2	5.9	4.7	6.0
ASSURE	4.7	4.2	5.4	5.8	5.8	6.2	6.0	6.0	6.2	6.1	5.8	4.7	6.0
SR 4400 (SRX 4400)	4.7	4.0	4.9	5.6	5.9	6.2	5.9	6.0	6.2	6.2	5.5	4.3	6.0
ACHIEVER	4.3	4.0	5.0	5.7	5.6	6.0	6.0	6.2	6.4	6.3	5.9	4.4	6.0
WIND STAR (PST-28M)	4.5	4.2	5.4	5.6	5.7	6.1	5.9	6.2	6.2	6.2	6.1	4.7	6.0
BLACKHAWK (TMI-EXFLP94)	5.2	4.2	5.3	5.7	5.8	6.1	5.8	6.1	6.2	6.2	5.8	4.9	6.0
CHAPARRAL (PST-2DLM)	4.3	3.8	5.2	5.7	6.1	5.9	5.8	6.0	6.3	6.2	6.1	4.9	6.0
BLAZER III (PICK 928)	4.2	3.8	5.0	5.9	5.9	6.2	5.8	5.9	6.1	6.0	5.9	4.8	6.0
MARDIGRAS (ZPS-2NW)	4.8	3.8	4.9	5.6	5.9	6.0	5.7	6.1	6.3	6.3	5.9	5.1	6.0
EXCEL (MB 1-5)	4.0	4.2	5.3	6.0	6.2	6.0	5.7	5.7	6.0	6.3	6.1	5.3	6.0
RIVIERA II	4.8	4.2	5.0	5.8	5.8	6.0	5.7	6.1	6.1	6.1	6.0	5.1	6.0
TOP GUN (J-1703)	4.0	3.7	5.1	5.7	5.8	6.1	5.7	6.1	6.3	6.2	5.8	4.5	6.0
HEAD START (PICK PR 84-91)	4.3	4.2	4.8	5.7	5.9	6.0	5.8	6.0	6.2	6.1	5.8	4.7	6.0
OMNI	4.5	4.0	5.0	5.5	5.9	6.0	5.9	5.9	6.2	6.2	5.8	4.6	5.9
WX3-93	4.2	3.8	4.9	5.7	5.8	6.1	5.7	5.9	6.2	6.2	5.8	4.7	5.9
ELF	4.5	4.3	5.7	5.8	5.8	5.9	5.7	5.8	6.1	6.1	6.2	5.1	5.9
EDGE	4.7	4.0	5.1	5.7	5.5	5.9	5.7	6.1	6.2	6.1	5.8	5.1	5.9
OMEGA3 (ZPS-2DR-94)	4.7	4.0	5.3	5.9	5.7	6.0	5.7	6.0	6.3	6.1	5.9	4.8	5.9
SATURN II (ZPS-2ST)	4.3	4.2	5.0	5.9	5.5	5.9	5.7	6.1	6.1	6.2	5.9	4.4	5.9
CITATION III (PST-2DGR)	4.3	3.7	5.3	5.8	5.8	5.9	5.7	5.9	6.1	6.2	6.2	4.9	5.9

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH MONTH GROWN AT TWENTY-EIGHT LOCATIONS IN THE U.S. AND CANADA
1996 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF; MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PS-D-9	4.7	4.0	5.3	5.7	5.5	6.0	5.8	6.1	6.1	6.0	5.8	4.8	5.9
MORNING STAR	4.8	4.5	5.3	5.5	5.5	6.0	5.8	6.0	6.1	6.1	5.8	5.1	5.9
ROADRUNNER (PST-ZET)	4.5	3.7	5.2	5.8	5.6	5.7	5.7	6.0	6.3	6.3	6.2	4.8	5.9
STALLION SUPREME (PSI-E-1)	4.5	4.0	5.0	5.6	5.5	5.9	5.8	6.1	6.1	6.1	5.8	4.6	5.9
CUTTER	4.7	4.2	4.8	5.8	5.6	5.9	5.7	6.0	6.1	6.1	5.8	4.7	5.9
ADVANTAGE	4.5	3.7	4.9	5.6	5.7	6.0	5.5	5.7	6.2	6.2	6.0	5.2	5.9
KOOS 93-6	4.8	4.3	5.2	5.6	5.6	5.9	5.7	5.8	6.1	6.2	5.7	5.0	5.9
VIVID	4.3	3.8	5.3	5.5	5.7	5.9	5.8	5.9	6.1	6.0	5.7	4.6	5.8
WVPB-93-KFK	4.7	4.2	5.1	5.5	5.6	5.9	5.5	6.0	6.2	6.1	5.8	4.9	5.8
R2 (ISI-R2)	4.7	3.8	5.3	5.5	5.6	6.0	5.7	5.9	6.1	5.9	5.4	4.6	5.8
KOOS 93-3	4.5	4.2	5.3	5.5	5.6	5.8	5.5	5.9	6.1	6.1	5.8	4.9	5.8
APR 106	4.3	3.8	5.3	5.6	5.6	5.9	5.8	5.9	6.0	6.0	5.7	4.7	5.8
ACADEMY (PC-93-1)	5.0	4.2	5.3	5.6	5.5	5.9	5.7	5.9	6.1	5.9	5.6	4.7	5.8
LEGACY II (LESCO-TWF)	4.3	3.5	4.8	5.8	5.7	5.8	5.6	5.7	5.9	6.0	6.1	4.7	5.8
SR 4010 (SRX 4010)	4.8	4.2	5.2	5.6	5.5	5.9	5.7	5.8	6.0	5.9	5.4	4.4	5.8
MVF-4-1	4.7	4.0	5.3	5.4	5.5	5.8	5.6	5.9	6.1	6.1	5.6	4.6	5.8
QUICKSTART	4.5	3.8	5.3	5.6	5.4	5.8	5.6	5.9	6.0	6.0	5.6	4.7	5.8
NIGHT HAWK	4.3	3.8	5.1	5.6	5.7	5.9	5.5	5.7	5.9	6.1	5.7	4.9	5.8
WVPB 92-4	4.7	4.3	4.9	5.4	5.3	5.8	5.6	5.9	6.1	6.0	5.5	4.5	5.7
NOBILITY	4.5	3.8	5.1	5.4	5.3	5.6	5.7	5.9	6.0	6.1	5.6	4.8	5.7
PRECISION	4.8	4.2	5.2	5.6	5.5	5.7	5.5	5.8	6.1	5.9	5.9	4.8	5.7
BAR ER 5813	4.2	3.5	4.8	5.6	5.7	5.8	5.6	5.6	5.9	5.9	5.6	4.4	5.7
CAS-LP23	4.7	4.0	5.1	5.5	5.9	5.7	5.4	5.6	5.9	5.9	5.7	4.9	5.7
WX3-91	4.5	4.0	5.3	5.6	5.4	5.8	5.5	5.8	5.9	5.8	5.9	4.7	5.7
APR 124	4.7	4.0	5.5	5.5	5.6	5.8	5.5	5.6	6.0	5.9	5.9	5.1	5.7
STALLION SELECT	4.8	4.0	5.2	5.6	5.5	5.7	5.5	5.7	5.9	5.9	5.7	5.0	5.7
EXPRESS	4.8	4.0	5.3	5.6	5.4	5.7	5.5	5.8	6.0	5.8	5.5	4.7	5.7
WILLIAMSBURG	4.7	4.0	5.2	5.4	5.3	5.7	5.5	5.8	5.9	6.0	5.6	4.7	5.7
SATURN	4.7	4.0	5.2	5.4	5.4	5.7	5.5	5.7	5.9	5.8	5.5	4.7	5.6
NAVAJO	4.3	3.7	4.9	5.5	5.5	5.6	5.4	5.6	5.7	5.8	5.5	4.6	5.6
PST-2CB	5.0	4.3	5.2	5.6	5.2	5.5	5.3	5.6	5.9	6.0	5.6	4.9	5.6
DANCER	4.3	3.5	4.6	5.1	5.6	5.6	5.3	5.5	5.8	5.8	5.5	4.6	5.6
STARDANCE (PST-2FE)	4.2	3.5	4.9	5.7	5.3	5.4	5.3	5.6	5.9	6.0	5.6	4.5	5.6
APR 131	4.5	3.8	5.1	5.4	5.1	5.7	5.5	5.6	5.7	5.6	5.5	4.5	5.5
WVPB-PR-C-2	4.8	4.2	5.1	5.2	5.3	5.5	5.2	5.6	5.8	5.8	5.6	4.4	5.5
PEGASUS	5.0	4.2	5.1	5.4	5.4	5.5	5.1	5.4	5.7	5.8	5.6	4.8	5.5
APR 066	4.3	3.8	5.0	5.2	5.1	5.6	5.4	5.5	5.6	5.7	5.3	4.1	5.5
NINE-O-ONE	5.0	4.3	5.5	5.3	5.2	5.5	5.2	5.6	5.7	5.8	5.4	4.9	5.5
DLP 1305	4.3	4.0	4.2	4.9	5.4	5.5	4.9	5.1	5.2	5.3	4.9	4.3	5.2
DSV NA 9402	4.3	4.2	4.9	4.4	5.0	5.2	4.8	5.0	5.3	5.3	4.9	4.5	5.1
FIGARO	4.7	4.2	4.5	4.3	4.8	5.1	4.7	4.9	5.1	5.1	4.7	4.5	4.9
DSV NA 9401	4.7	3.8	4.7	4.6	4.8	5.1	4.7	4.7	5.1	5.1	4.6	4.0	4.9
PENNFINE	4.2	4.0	4.3	4.5	4.5	4.9	4.8	5.0	5.1	5.1	4.5	3.7	4.9
LINN	4.8	4.2	3.4	2.9	3.1	3.2	3.2	3.3	3.6	3.8	3.2	2.9	3.4
LSD VALUE	0.7	0.5	1.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.4

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

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT TWENTY-EIGHT LOCATIONS IN THE U.S. AND CANADA 1/
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

N	A	G	I	I	I	I	K	K	M	M	M	M	M	M	N	N	N	O	O	P	Q	R	U	U	V	W	W	W	W	M
A	R	A	A	L	L	N	S	Y	A	D	E	I	O	O	E	J	J	H	K	A	E	I	B	B	A	A	A	I	A	E
M	1	1	1	1	2	1	1	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	1	2	1	1	3	1	N	
E	1	1	1	1	2	1	1	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	2	1	1	3	1	N		
PALMER III (LRF-94-MERH)	15.5	18.5	16.0	4.0	7.5	7.0	36.5	24.0	6.0	61.0	2.0	8.5	79.0	20.5	30.5	3.0	9.0	11.0	89.0	6.0	65.0	6.0	7.0	3.5	9.5	13.0	3.0	1.5	1	
PENNANT II (MB 42)	2.0	3.0	22.5	27.5	2.0	26.0	26.0	4.5	83.5	79.5	12.5	26.5	41.0	30.0	10.5	23.0	5.0	7.5	77.5	18.0	19.0	10.5	44.5	9.5	16.0	21.0	5.0	9.0	2	
PREMIER II (BAR USA 94-II)	12.5	16.0	2.0	81.5	34.0	10.0	19.0	10.5	9.0	9.5	12.5	36.0	49.5	30.0	4.5	1.5	5.0	42.0	71.0	42.0	4.0	1.0	8.5	29.5	25.5	8.0	2.0	16.0	3	
MB 44	1.0	8.0	34.0	45.0	56.0	22.5	4.0	15.0	22.0	34.5	23.0	81.0	10.0	7.5	38.0	44.0	26.0	20.0	22.5	8.5	4.0	16.5	69.5	7.5	3.0	1.0	34.0	4.0	4	
BRIGHTSTAR II (PST-2MB)	18.5	8.0	93.0	69.0	52.5	1.0	10.5	3.0	14.5	7.0	29.5	66.5	49.5	10.0	95.0	1.5	1.0	2.0	71.0	28.0	12.0	3.5	3.0	15.0	1.0	2.5	4.0	1.5	5	
CALYPSO II	28.0	68.5	54.0	30.5	14.5	2.0	19.0	46.5	36.5	4.0	7.0	91.0	65.0	4.5	14.5	6.0	7.0	42.0	83.5	4.0	73.0	2.0	5.5	5.5	16.0	21.0	7.5	16.0	6	
MB 45	41.0	36.5	19.5	37.5	14.5	10.0	8.5	20.0	41.5	71.0	11.0	50.5	44.0	2.0	20.0	16.0	3.0	54.0	76.0	60.5	1.0	27.0	42.0	15.0	6.0	6.0	7.5	34.5	7	
SECRETARIAT (RPBD)	47.0	2.0	9.0	63.0	3.0	15.5	48.5	46.5	1.0	39.5	19.5	71.5	38.0	37.5	23.0	14.0	10.5	31.5	86.0	18.0	33.0	8.0	11.0	15.0	9.5	26.0	18.0	25.5	8	
LINE DRIVE (MB 47)	70.0	4.0	5.0	55.5	20.5	26.0	26.0	33.5	18.5	29.5	19.5	43.5	28.0	7.5	47.5	9.5	15.0	11.0	47.0	15.5	8.0	38.0	34.5	23.5	9.5	4.0	15.0	16.0	9	
CATALINA (PST-GH-94)	12.5	26.0	25.5	37.5	25.0	29.5	42.5	7.5	4.0	16.5	14.5	94.0	77.5	10.0	35.0	8.0	26.0	7.5	55.0	11.5	23.5	33.5	20.5	15.0	61.0	30.5	49.5	9.0	10	
J-1706	73.5	36.5	1.0	66.0	31.0	3.5	75.5	28.0	29.5	20.0	21.5	75.5	15.5	30.0	7.5	11.0	26.0	42.0	73.0	1.0	43.0	14.0	2.0	51.0	16.0	9.5	11.0	56.5	11	
REPELL III (LRF-94-C7)	59.0	68.5	95.0	45.0	6.0	29.5	4.0	1.5	54.5	61.0	1.0	86.0	2.5	12.0	57.0	9.5	20.5	80.5	51.0	79.5	19.0	14.0	69.5	29.5	4.5	2.5	9.5	34.5	12	
MAJESTY (MB 43)	7.0	31.5	48.5	17.5	12.5	39.5	33.0	15.0	22.0	61.0	10.0	23.0	22.0	43.5	52.0	20.0	15.0	42.0	64.5	42.0	6.0	69.5	51.5	34.0	55.0	9.5	12.0	90.5	13	
LRF-94-C8	15.5	55.0	87.5	83.0	16.0	26.0	6.5	4.5	9.0	87.0	3.0	43.5	86.5	1.0	77.0	12.5	10.5	16.0	81.5	65.5	4.0	52.5	58.0	15.0	4.5	5.0	26.0	9.0	14	
CADDIESHACK (MED 5071)	9.5	77.5	12.5	76.5	18.0	20.0	64.5	24.0	60.5	44.5	35.5	20.5	38.0	30.0	7.5	24.5	8.0	31.5	30.5	45.5	78.0	48.5	1.0	15.0	40.0	49.5	55.0	68.5	15	
PST-2R3	49.0	43.0	6.0	4.0	10.0	20.0	64.5	54.0	67.0	50.0	49.5	2.0	6.5	14.0	16.5	66.0	15.0	14.0	61.5	8.5	28.0	23.0	5.5	64.5	31.0	37.0	88.0	45.0	16	
TOP HAT	43.5	31.5	78.0	52.5	31.0	20.0	64.5	24.0	22.0	4.0	8.5	53.0	1.0	43.5	47.5	17.0	30.5	31.5	7.0	52.0	78.0	36.0	32.5	19.0	48.5	74.0	23.0	25.5	17	
PANTHER (ZPS-PR1)	78.5	13.0	34.0	9.5	48.5	15.5	29.5	15.0	46.0	76.0	33.0	43.5	54.5	20.5	27.0	4.0	15.0	25.5	81.5	39.5	2.0	5.0	20.5	32.5	20.5	46.5	6.0	25.5	18	
ACCENT	5.0	82.5	19.5	33.5	45.0	15.5	48.5	50.0	60.5	16.5	38.5	70.0	26.0	48.5	1.0	20.0	35.5	69.0	3.0	63.0	78.0	56.5	13.0	20.5	40.0	64.0	62.0	56.5	19	
WIND DANCER (MB 46)	4.0	13.0	94.0	71.0	36.5	15.5	2.0	10.5	48.5	54.5	38.5	30.0	54.5	6.0	68.0	30.5	5.0	20.0	95.0	23.5	7.0	69.5	39.0	5.5	9.5	7.0	40.5	45.0	20	
PICK LP 102-92	22.5	64.0	40.5	49.5	48.5	39.5	48.5	15.0	4.0	67.5	21.5	13.0	33.0	26.0	84.0	32.5	18.5	59.5	25.0	52.0	56.0	10.5	23.0	11.0	12.5	24.0	49.5	34.5	21	
PRELUDE III (LRF-94-B6)	24.0	27.5	91.5	76.5	23.5	22.5	1.0	1.5	18.5	61.0	4.0	86.0	31.0	10.0	92.0	7.0	12.0	86.5	58.0	52.0	12.0	52.5	51.5	59.5	2.0	30.5	55.0	34.5	22	
MANHATTAN 3	89.0	31.5	25.5	41.0	27.5	36.5	22.0	15.0	54.5	76.0	68.0	92.0	22.0	14.0	12.5	22.0	18.5	4.0	30.5	34.0	12.0	61.5	15.0	9.5	20.5	17.0	76.5	16.0	23	
DIVINE	84.5	89.5	28.5	85.5	4.0	48.0	4.0	7.5	29.5	39.5	33.0	66.5	68.5	89.0	52.0	5.0	20.5	69.0	43.5	10.0	19.0	30.0	36.5	1.0	25.5	30.5	70.5	16.0	24	
IMAGINE	82.0	74.0	80.0	4.0	1.0	10.0	10.5	30.5	82.0	13.0	5.5	69.0	90.5	4.5	85.5	64.0	30.5	86.5	51.0	39.5	28.0	81.5	36.5	40.0	12.5	13.0	1.0	34.5	25	
LAREDO	95.0	77.5	25.5	69.0	59.0	33.0	8.5	6.0	44.0	16.5	29.5	64.0	44.0	24.0	3.0	12.5	15.0	11.0	4.5	65.5	33.0	43.0	39.0	51.0	28.5	26.0	20.0	4.0	26	
BRIGHTSTAR	51.5	72.5	71.0	81.5	79.5	7.0	14.5	20.0	14.5	4.0	24.0	43.5	4.0	17.0	38.0	58.5	2.0	80.5	67.5	3.0	19.0	8.0	89.0	23.5	16.0	13.0	31.5	22.0	27	
PRIZM	67.5	60.0	66.5	79.5	27.5	33.0	48.5	33.5	14.5	9.5	82.5	88.5	2.5	20.5	27.0	18.0	40.5	42.0	47.0	15.5	12.0	23.0	66.5	2.0	23.0	34.5	22.0	25.5	28	
ISI-MHB	76.5	31.5	43.5	49.5	62.0	12.0	58.0	38.5	54.5	50.0	14.5	88.5	22.0	59.0	2.0	43.0	43.5	14.0	25.0	6.0	65.0	30.0	4.0	26.5	43.5	42.0	15.0	78.0	29	
WIZARD (MB 41)	43.5	48.0	34.0	41.0	12.5	56.0	87.0	42.5	54.5	71.0	38.5	17.5	22.0	17.0	18.5	38.0	33.0	31.5	57.0	57.5	28.0	65.5	27.0	3.5	48.5	49.5	40.5	45.0	30	
SR 4200	39.5	27.5	46.0	6.0	17.0	26.0	70.0	46.5	22.0	20.0	45.0	75.5	61.0	68.0	30.5	51.5	40.5	25.5	34.5	42.0	56.0	23.0	55.0	64.5	70.0	42.0	20.0	45.0	31	
PASSPORT (PST-2FF)	20.5	77.5	71.0	13.5	71.0	61.0	39.0	30.5	71.0	26.0	47.5	13.0	49.5	30.0	38.0	54.5	38.0	4.0	43.5	18.0	19.0	33.5	10.0	23.5	16.0	61.0	37.5	56.5	32	
ESQUIRE	31.0	62.5	59.0	63.0	45.0	56.0	22.0	28.0	32.0	13.0	17.5	75.5	38.0	37.5	10.5	20.0	35.5	31.5	10.5	47.0	56.0	16.5	55.0	79.0	20.5	61.0	84.0	56.5	33	
ASSURE	15.5	31.5	66.5	7.5	23.5	77.5	75.5	62.0	28.0	79.5	38.5	33.0	6.5	84.5	38.0	62.5	38.0	59.5	30.5	34.0	78.0	19.0	17.5	29.5	31.0	81.5	45.0	56.5	34	
SR 4400 (SRX 4400)	6.0	40.5	12.5	17.5	34.0	7.0	70.0	54.0	22.0	23.0	42.5	53.0	34.5	78.5	4.5	89.0	80.0	7.5	4.5	28.0	65.0	61.5	62.0	47.5	66.0	86.0	70.5	34.5	35	
ACHIEVER	42.0	68.5	43.5	1.0	40.0	88.0	80.0	65.5	44.0	34.5	17.5	43.5	12.0	37.5	57.0	38.0	76.5	59.5	2.0	52.0	43.0	61.5	13.0	36.5	31.0	39.5	45.0	78.0	36	
WIND STAR (PST-28M)	67.5	58.0	12.5	23.0	7.5	48.0	33.0	33.5	7.0	71.0	44.0	7.0	8.5	53.5	93.0	38.0	60.0	80.5	79.5	52.0	38.0	23.0	29.5	29.5	48.5	21.0	45.0	34.5	37	
BLACKHAWK (TMI-EXFLP94)	39.5	1.0	9.0	27.5	5.0	39.5	75.5	63.0	14.5	54.5	81.0	20.5	62.5	24.0	60.0	51.5	53.0	80.5	14.5	13.5	49.5	30.0	83.0	40.0	66.0	77.0	28.5	56.5	38	
BLAZER III (PICK 928)	90.5	86.0	54.0	37.5	10.0	33.0	22.0	54.0	14.5	13.0	29.5	75.5	44.0	43.5	33.5	66.0	43.5	1.0	64.5	28.0	84.5	23.0	17.5	55.5	48.5	30.5	60.5	34.5	39	
CHAPARRAL (PST-2DLM)	31.0	8.0	43.5	76.5	39.0	15.5	26.0	28.0	80.5	54.5	5.5	55.5	96.0	24.0	81.0	26.0	26.0	42.0	85.0	79.5	49.5	52.5	39.0	44.5	7.0	15.0	33.0	16.0	40	
MARDIGRAS (ZPS-2NV)	67.5	77.5	22.5	60.5	67.0	51.0	14.5	24.0	9.0	34.5	27.0	36.0	67.0	14.0	7.5	32.5	48.5	59.5	91.0	2.0	38.0	81.5	8.5	44.5	48.5	30.5	15.0	78.0	41	
EXCEL (MB 1-5)	33.0	84.0	7.0	87.5	63.0	62.5	6.5	38.5	36.5	85.0	8.5	26.5	31.0	30.0	81.0	34.5	26.0	50.5	30.5	52.0	12.0	77.0	64.5	55.5	43.5	17.0	9.5	56.5	42	
RIV																														

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT TWENTY-EIGHT LOCATIONS IN THE U.S. AND CANADA
1996 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

N	A	G	I	I	I	I	K	K	M	M	M	M	M	M	N	N	N	O	O	P	Q	R	U	U	V	W	W	W	M
A	R	A	A	L	L	N	S	Y	A	D	E	I	O	O	E	J	J	H	K	A	E	I	B	B	A	A	A	I	E
E	1	1	1	1	2	1	1	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	1	2	1	1	3	1	N
CITATION III (PST-2DGR)	62.0	82.5	82.5	85.5	56.0	33.0	14.5	10.5	11.0	76.0	68.0	26.5	82.0	48.5	90.0	15.0	33.0	69.0	51.0	37.0	12.0	65.5	64.5	23.5	20.5	11.0	17.0	34.5	52
PS-D-9	63.5	8.0	34.0	11.5	27.5	48.0	83.5	54.0	41.5	34.5	52.5	81.0	28.0	68.0	52.0	62.5	78.5	42.0	43.5	37.0	43.0	38.0	27.0	36.5	66.0	81.5	73.0	68.5	53
MORNING STAR	3.0	48.0	84.5	45.0	50.0	90.5	91.5	38.5	47.0	26.0	54.5	84.0	57.0	59.0	70.0	60.5	46.0	75.0	9.0	23.5	38.0	73.5	44.5	36.5	73.5	81.5	37.5	78.0	54
ROADRUNNER (PST-2ET)	60.0	23.0	54.0	45.0	52.5	71.5	93.5	18.0	36.5	91.0	51.0	17.5	22.0	3.0	73.0	56.5	43.5	50.5	69.0	83.5	88.5	61.5	17.5	7.5	35.5	17.0	68.0	56.5	55
STALLION SUPREME (PSI-E-1)	22.5	77.5	48.5	23.0	52.5	43.5	33.0	65.5	36.5	26.0	61.0	8.5	90.5	48.5	27.0	51.5	82.0	42.0	36.5	87.0	38.0	38.0	32.5	62.0	61.0	61.0	80.0	34.5	56
CUTTER	49.0	86.0	34.0	33.5	34.0	77.5	58.0	42.5	79.0	34.5	41.0	96.0	59.0	59.0	7.5	73.5	43.5	54.0	14.5	79.5	38.0	67.0	66.5	70.0	43.5	52.0	45.0	34.5	57
ADVANTAGE	73.5	72.5	34.0	73.5	20.5	71.5	26.0	24.0	36.5	67.5	35.5	36.0	80.5	53.5	74.0	42.0	38.0	69.0	88.0	34.0	49.5	43.0	25.0	51.0	61.0	21.0	69.0	78.0	58
KOOS 93-6	72.0	36.5	16.0	13.5	41.5	66.0	70.0	65.5	48.5	61.0	64.5	13.0	93.0	72.0	23.0	66.0	63.0	42.0	55.0	31.5	78.0	19.0	23.0	26.5	35.5	68.5	49.5	78.0	59
VIVID	31.0	55.0	3.5	33.5	45.0	48.0	80.0	38.5	83.5	20.0	84.5	10.0	44.0	64.0	23.0	60.5	70.0	75.0	8.0	76.0	82.0	33.5	76.0	74.0	35.5	56.0	86.5	64.5	60
WVPB-93-KFK	28.0	8.0	34.0	52.5	76.5	71.5	54.0	78.0	67.0	28.0	61.0	60.0	49.5	56.0	16.5	38.0	67.0	20.0	40.0	44.0	60.5	77.0	73.0	44.5	25.5	44.5	80.0	56.5	61
R2 (ISI-R2)	82.0	55.0	16.0	23.0	38.0	3.5	80.0	70.0	26.0	44.5	70.0	60.0	5.0	76.0	62.5	58.5	67.0	42.0	75.0	28.0	70.0	73.5	58.0	40.0	89.0	66.0	86.5	68.5	62
KOOS 93-3	8.0	40.5	59.0	60.5	76.5	88.0	61.0	59.0	50.5	44.5	54.5	66.5	38.0	72.0	62.5	56.5	63.0	64.5	64.5	31.5	65.0	56.5	47.5	67.5	79.0	56.0	24.5	45.0	63
APR 106	86.5	13.0	51.0	23.0	73.5	83.0	54.0	83.0	71.0	1.0	68.0	17.5	31.0	64.0	14.5	70.0	48.5	31.5	18.5	94.0	56.0	83.0	31.0	51.0	43.5	66.0	35.0	16.0	64
ACADEMY (PC-93-1)	34.5	8.0	40.5	19.5	82.5	66.0	48.5	70.0	60.5	44.5	56.0	17.5	80.5	72.0	30.5	72.0	82.0	42.0	14.5	65.5	49.5	43.0	51.5	59.5	61.0	87.5	66.0	45.0	65
LEGACY II (LESCO-TWF)	86.5	92.0	62.5	92.0	10.0	48.0	36.5	10.5	89.5	83.5	76.0	86.0	72.5	17.0	90.0	68.5	22.5	31.5	93.0	20.5	23.5	8.0	13.0	71.5	35.5	37.0	90.5	78.0	66
SR 4010 (SRX 4010)	53.5	36.5	9.0	49.5	61.0	43.5	39.0	75.0	64.5	61.0	75.0	43.5	34.5	72.0	23.0	73.5	82.0	20.0	64.5	73.5	88.5	43.0	69.5	32.5	84.0	68.5	75.0	68.5	67
MVF-4-1	45.5	23.0	39.0	2.0	71.0	56.0	42.5	59.0	36.5	65.5	58.0	83.0	17.5	76.0	42.5	82.0	73.5	31.5	79.5	69.5	92.5	56.5	62.0	55.5	55.0	91.5	57.5	78.0	68
QUICKSTART	63.5	48.0	62.5	9.5	59.0	66.0	58.0	59.0	54.5	44.5	77.5	60.0	84.0	68.0	75.5	46.0	56.5	25.5	14.5	60.5	74.0	88.0	42.0	20.5	48.5	61.0	94.0	93.0	69
NIGHT HAWK	11.0	68.5	74.0	55.5	88.5	71.5	29.5	80.0	63.0	61.0	49.5	60.0	72.5	40.5	83.0	30.5	51.0	25.5	18.5	52.0	68.5	48.5	86.5	84.5	66.0	70.5	28.5	56.5	70
WVPB 92-4	45.5	48.0	19.5	7.5	56.0	83.0	58.0	87.5	44.0	82.0	52.5	75.5	12.0	72.0	57.0	87.0	89.0	59.5	10.5	79.5	60.5	73.5	76.0	44.5	79.0	90.0	52.5	78.0	71
NOBILITY	34.5	55.0	12.5	66.0	31.0	66.0	89.5	83.0	71.0	54.5	91.0	43.5	77.5	86.5	42.5	85.0	70.0	7.5	30.5	52.0	33.0	79.5	55.0	64.5	66.0	77.0	49.5	56.5	72
PRECISION	94.0	18.5	59.0	16.0	82.5	36.5	14.5	70.0	76.0	44.5	87.0	43.5	86.5	34.5	18.5	27.5	48.5	59.5	83.5	69.5	88.5	56.5	47.5	51.0	73.5	46.5	37.5	45.0	73
BAR ER 5813	37.0	77.5	43.5	76.5	73.5	77.5	89.5	87.5	2.0	89.0	42.5	60.0	59.0	84.5	30.5	80.0	76.5	64.5	1.0	92.0	65.0	33.5	83.0	69.0	79.0	70.5	92.0	9.0	74
CAS-LP23	20.5	40.5	66.5	69.0	52.5	88.0	48.5	79.0	32.0	94.0	33.0	95.0	65.0	48.5	70.0	75.0	85.0	93.0	59.0	65.5	33.0	61.5	76.0	73.0	79.0	37.0	59.0	16.0	75
WX3-91	65.0	60.0	91.5	30.5	71.0	86.0	48.5	36.0	80.5	23.0	58.0	43.5	90.5	34.5	66.5	68.5	53.0	4.0	40.0	28.0	49.5	19.0	80.0	88.0	35.5	77.0	66.0	87.0	76
APR 124	76.5	8.0	48.5	93.0	65.5	71.5	58.0	75.0	86.0	44.5	64.5	2.0	54.5	43.5	54.5	29.0	63.0	84.5	61.5	88.5	88.5	73.5	83.0	47.5	55.0	44.5	28.5	49.0	77
STALLION SELECT	36.0	48.0	59.0	79.5	65.5	77.5	42.5	75.0	58.0	87.0	73.5	13.0	22.0	81.5	65.0	41.0	29.0	50.5	27.0	93.0	91.0	69.5	86.5	77.0	79.0	84.5	76.5	87.0	78
EXPRESS	67.5	65.5	19.5	55.5	27.5	77.5	87.0	70.0	76.0	16.5	77.5	71.5	72.5	78.5	54.5	71.0	87.5	78.0	47.0	79.5	19.0	77.0	80.0	83.0	79.0	53.0	57.5	78.0	79
WILLIAMSBURG	38.0	65.5	59.0	23.0	78.0	71.5	75.5	70.0	64.5	79.5	72.0	23.0	68.5	93.0	70.0	88.0	84.0	14.0	22.5	69.5	43.0	84.5	29.5	67.5	84.0	73.0	63.5	78.0	80
SATURN	15.5	71.0	73.0	27.5	87.0	66.0	33.0	85.0	40.0	83.5	79.5	93.0	44.0	86.5	38.0	86.0	78.5	20.0	60.0	52.0	84.5	86.0	69.5	80.0	73.5	91.5	28.5	34.5	81
NAVAJO	88.0	92.0	84.5	37.5	45.0	62.5	48.5	75.0	71.0	92.5	84.5	4.0	62.5	64.0	42.5	84.0	67.0	20.0	91.0	23.5	71.5	43.0	78.0	84.5	73.5	84.5	80.0	68.5	82
PST-2CB	57.5	23.0	54.0	63.0	84.0	85.0	83.5	59.0	60.5	87.0	79.5	60.0	49.5	64.0	88.0	78.0	58.5	69.0	71.0	85.5	28.0	84.5	47.5	76.0	55.0	56.0	73.0	93.0	83
STARDANCE (PST-2FE)	84.5	81.0	75.0	89.5	91.0	39.5	19.0	59.0	87.5	34.5	64.5	5.5	88.0	76.0	87.0	45.0	63.0	20.0	77.5	88.5	49.5	90.0	27.0	75.0	87.5	26.0	90.5	22.0	84
DANCER	56.0	55.0	25.5	58.5	85.5	56.0	75.5	90.0	54.5	34.5	58.0	60.0	49.5	81.5	62.5	76.5	87.5	59.5	51.0	23.5	92.5	69.5	92.0	87.0	84.0	72.0	84.0	16.0	85
APR 131	90.5	23.0	80.0	58.5	85.5	77.5	75.5	81.0	89.5	71.0	89.5	43.5	84.0	88.0	78.5	79.0	73.5	50.5	25.0	57.5	68.5	79.5	58.0	64.5	70.0	77.0	89.0	34.5	86
WVPB-PR-C-2	61.0	48.0	66.5	55.5	88.5	83.0	64.5	83.0	87.5	50.0	71.0	26.5	28.0	59.0	62.5	83.0	86.0	88.5	87.0	60.5	56.0	61.5	90.5	86.0	79.0	81.5	60.5	78.0	87
PEGASUS	49.0	18.5	82.5	87.5	79.5	56.0	87.0	89.0	85.0	71.0	73.5	50.5	90.5	81.5	75.5	81.0	70.0	90.0	43.5	75.0	28.0	48.5	93.0	90.0	86.0	56.0	52.5	68.5	88
APR 066	92.0	23.0	76.5	19.5	64.0	81.0	83.5	86.0	92.0	11.0	89.5	43.5	72.5	81.5	72.0	90.0	90.0	83.0	6.0	73.5	49.5	91.0	51.5	89.0	87.5	77.0	93.0	56.5	89
NINE-O-ONE	25.5	48.0	89.5	84.0	81.0	56.0	33.0	50.0	95.0	92.5	82.5	81.0	94.0	53.5	94.0	76.5	63.0	69.0	91.0	60.5	60.5	92.0	80.0	81.5	90.0	66.0	13.0	87.0	90
DLP 1305	93.0	92.0	34.0	94.0	90.0	56.0	70.0	91.0	71.0	44.5	87.0	30.0	65.0	91.5	33.5	91.0	91.0	91.0	67.5	69.5	43.0	88.0	88.0	95.0	92.0	89.0	31.5	34.5	91
DSV NA 9402	57.5	18.5	76.5	66.0	93.0	93.0	93.5	94.0	94.0	54.5	93.0	75.5	76.0	91.5	78.5	93.0	92.0	94.0	55.0	85.5	94.5	93.0	94.0	91.0	93.0	93.0	55.0	9.0	92
FIGARO	55.0	40.5	86.0	95.0	95.0	92.0	91.5	93.0	93.0	90.0	94.0	2.0	54.5	90.0	81.0	94.0	93.0	95.0	96.0	83.5	78.0	88.0	85.0	93.0	94.0	95.0	80.0	90.5	93
DSV NA 9401	78.5	48.0	87.5	89.5	92.0	94.5	70.0	95.0	91.0																				

TABLE 4.

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	ARI	GA1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MO1	MO3	NE1	NJ1	OH1	OK1	PA1	QE1	RI1	UB1	UB2	VA1	WA1	WA3	WI1	MEAN
LRF-94-C8	7.7	6.7	7.7	7.0	8.7	8.0	7.7	9.0	8.0	8.7	6.0	9.0	8.7	8.0	8.7	8.7	9.0	8.7	8.0	8.3	8.0	8.0	8.0	8.3	9.0	8.0	8.1
BRIGHTSTAR II (PST-2M3)	8.7	7.0	7.7	7.0	8.3	8.0	8.0	9.0	7.7	8.0	6.0	8.3	9.0	8.0	9.0	9.0	9.0	8.3	7.7	8.3	8.0	8.0	7.7	8.7	8.0	8.0	8.1
PRELUDE III (LRF-94-B6)	8.3	6.0	7.7	7.0	8.7	8.0	8.0	9.0	7.3	8.3	6.0	8.7	8.7	8.0	9.0	8.7	8.7	8.7	7.7	8.3	8.0	7.0	8.0	8.7	8.7	7.3	8.0
MB 44	8.3	6.7	6.7	7.3	9.0	8.0	7.7	9.0	7.3	8.3	6.0	8.7	7.7	8.0	8.3	9.0	8.7	9.0	8.0	8.7	7.7	7.7	7.7	8.3	8.3	8.0	8.0
REPELL III (IRF-94-C7)	7.3	5.7	7.7	7.3	9.0	8.0	7.7	9.0	7.3	8.3	5.3	9.0	7.7	7.7	8.7	9.0	9.0	7.7	8.0	8.0	7.7	7.3	8.0	8.3	8.7	7.3	7.9
WIND DANCER (MB 46)	8.3	6.0	7.7	7.0	7.0	7.7	7.7	9.0	7.3	8.3	6.0	8.3	8.3	8.0	9.0	9.0	8.3	8.7	8.0	7.7	8.0	7.3	7.3	7.3	8.0	7.9	7.9
IMAGINE	8.3	4.7	7.3	7.0	7.7	8.0	7.3	9.0	6.7	9.0	6.0	8.7	9.0	7.7	8.3	9.0	8.7	8.7	8.3	7.7	7.7	7.3	7.0	8.3	8.7	8.0	7.8
MB 45	8.3	5.7	7.7	7.0	8.3	7.3	8.0	8.3	7.0	8.3	6.0	8.7	8.0	8.0	8.7	8.7	8.3	8.0	8.3	7.7	7.7	7.3	7.7	8.0	8.3	8.0	7.8
CHAPARRAL (PST-2DLM)	6.3	7.3	7.7	7.0	7.3	7.7	7.7	9.0	7.0	8.0	6.0	8.7	7.7	8.0	8.7	8.7	8.7	7.7	8.0	8.0	7.7	7.3	7.0	8.0	8.7	7.7	7.7
PENNANT II (MB 42)	8.3	6.0	8.0	6.7	7.7	7.3	8.0	9.0	7.0	7.7	5.5	8.3	7.3	8.0	8.7	8.7	7.7	7.7	8.0	7.7	7.3	7.3	7.7	8.0	8.0	7.7	7.7
EXCEL (MB 1-5)	7.3	5.3	7.7	6.0	7.0	7.7	7.7	9.0	7.0	8.3	6.0	8.3	7.7	8.0	8.0	9.0	8.3	7.0	7.0	8.0	7.0	7.0	7.7	7.7	8.3	8.0	7.5
PALMER III (LRF-94-MPRH)	7.7	5.3	7.3	6.3	7.0	7.3	7.7	9.0	6.7	8.3	6.0	9.0	8.3	7.3	8.0	9.0	7.7	7.0	7.3	7.3	7.0	7.3	7.7	8.0	8.0	8.0	7.5
CITATION III (PST-2DGR)	7.3	6.0	6.7	6.7	6.7	7.7	7.7	8.7	7.0	8.0	6.0	8.0	8.0	7.7	7.3	8.7	8.0	8.0	7.0	7.7	7.0	6.7	7.0	8.3	8.0	8.0	7.4
MAJESTY (MB 43)	7.7	5.3	7.0	6.3	7.3	7.3	8.0	8.3	6.7	8.7	6.0	8.3	8.3	7.7	7.3	9.0	8.0	7.3	7.0	7.3	7.0	7.0	7.0	8.0	8.0	7.3	7.4
ROADRUNNER (EST-2ET)	8.0	6.0	6.7	5.3	6.7	8.0	7.7	8.3	7.3	8.3	5.7	8.3	9.0	7.7	7.7	8.7	8.0	7.0	7.7	7.3	7.0	7.0	7.0	8.0	7.0	7.7	7.4
CATALINA (PST-GH-94)	8.0	5.0	7.7	6.0	6.3	7.0	7.7	8.7	6.7	8.0	6.0	8.0	7.7	7.3	8.3	8.7	7.7	8.0	7.7	7.7	7.0	7.3	6.7	8.3	7.7	7.7	7.4
LINE DRIVE (MB 47)	6.7	4.3	7.7	6.0	7.0	8.0	7.7	8.7	6.7	8.0	6.0	7.7	8.0	7.7	8.3	8.0	8.0	8.0	7.3	7.0	7.0	7.0	7.0	8.0	8.0	8.0	7.4
PICK LP 102-92	6.3	6.0	7.7	6.3	7.3	7.3	8.0	8.3	6.7	8.0	6.0	7.7	7.3	7.3	7.0	9.0	7.7	7.0	7.3	7.0	7.0	7.3	7.7	7.7	8.0	8.0	7.4
PREMIER II (BAR USA 94-II)	7.3	5.3	7.3	6.3	5.7	7.7	7.7	8.7	7.0	7.0	6.0	8.3	7.3	8.0	8.7	8.7	7.3	7.0	7.0	7.7	7.0	6.7	7.7	8.3	8.0	7.7	7.4
LEGACY II (LESCO-TWF)	6.7	4.3	7.3	6.3	6.7	7.0	7.7	9.0	7.0	7.0	6.0	7.7	8.0	7.7	8.7	8.7	6.7	7.3	7.0	7.0	7.0	6.7	7.0	7.7	8.3	8.0	7.2
WIZARD (MB 41)	7.7	4.7	7.0	6.0	7.3	8.0	7.3	8.7	6.7	8.0	6.0	7.3	7.7	7.3	7.0	8.7	7.0	6.7	7.0	7.0	6.7	7.0	7.3	7.3	8.3	8.0	7.2
DIVINE	6.0	4.3	7.0	6.3	5.7	7.0	7.3	9.0	6.3	7.7	6.0	7.3	7.7	7.3	8.0	8.3	7.7	7.7	7.0	7.3	7.0	7.0	7.0	7.7	7.7	8.0	7.1
ADVANTAGE	6.3	5.0	7.7	6.0	6.7	7.0	7.3	8.7	7.0	6.7	6.0	7.3	7.0	7.7	7.7	8.7	7.3	6.7	7.7	7.0	6.7	7.3	7.0	7.0	7.7	7.7	7.1
PANTHER (ZPS-PR1)	6.3	5.3	6.7	6.0	6.3	7.0	7.7	8.3	6.3	7.3	6.0	8.0	7.7	7.3	7.3	8.3	7.3	7.0	7.3	7.3	6.7	7.0	6.7	7.7	8.0	7.7	7.1
CAS-LP23	6.0	4.7	7.3	6.0	8.0	7.0	7.0	8.7	6.3	6.7	6.0	7.7	7.3	7.0	7.3	8.3	7.7	7.0	7.3	6.7	7.0	6.7	6.3	7.3	8.7	8.0	7.1
BRIGHTSTAR	6.0	5.0	7.3	6.0	7.7	7.0	7.3	8.7	7.0	6.3	6.0	8.0	7.0	6.7	6.0	9.0	8.0	7.3	7.0	6.7	7.0	7.0	6.7	7.3	8.0	7.7	7.1
MANHATTAN 3	6.3	5.7	6.3	5.7	6.3	7.0	7.0	8.7	6.7	7.3	6.0	7.3	7.3	7.3	7.3	8.7	7.7	7.3	7.0	6.7	7.0	7.0	7.0	7.7	7.7	7.7	7.1
CALYPSO II	6.7	5.0	7.0	6.0	4.3	7.0	7.7	8.7	6.7	7.7	6.0	7.7	8.0	7.0	7.3	9.0	7.0	6.3	7.0	8.0	6.7	7.0	6.7	7.3	7.7	8.0	7.1
WX3-93	7.7	5.3	7.0	6.0	6.7	7.0	7.0	8.7	7.0	7.0	6.0	8.3	7.3	7.0	6.0	8.7	7.3	7.0	7.0	6.7	6.7	6.7	6.3	6.7	9.0	7.3	7.1
J-1706	6.7	5.7	6.7	5.7	6.7	7.3	6.7	8.3	6.3	7.3	6.0	8.0	8.0	6.7	7.0	9.0	6.7	7.0	7.0	6.7	6.7	6.7	6.7	7.3	7.7	7.7	7.0
STARDANCE (PST-2FFE)	6.7	5.7	7.0	4.7	7.0	7.0	7.0	8.0	6.0	8.0	6.0	7.7	7.7	6.7	7.3	9.0	7.0	7.3	6.7	6.7	7.0	7.0	6.0	7.3	8.0	7.3	7.0
ELF	5.7	6.0	6.0	6.0	6.3	8.0	7.0	8.3	6.0	6.3	6.0	8.3	7.7	7.0	6.7	8.0	7.7	6.3	6.7	7.7	7.0	7.0	7.0	7.7	7.7	7.0	7.0
SECRETARIAT (RPBD)	6.7	4.7	7.0	6.3	5.7	7.0	7.0	9.0	6.7	7.0	6.0	7.7	7.0	7.3	6.3	8.7	6.7	6.7	6.7	6.7	7.0	6.7	7.3	7.7	7.7	8.0	7.0
NINE-O-ONE	6.3	5.0	7.7	6.0	6.0	7.0	7.3	8.3	6.3	7.0	6.0	7.7	7.0	7.0	6.0	8.7	7.7	7.3	7.3	6.0	7.0	6.7	6.7	7.3	7.7	7.0	6.9
MARDIGRAS (ZPS-2NV)	5.7	4.3	6.3	5.7	6.3	7.0	6.7	8.0	6.3	7.7	6.0	7.3	8.0	7.0	6.7	8.7	8.0	7.3	6.7	6.3	7.0	7.0	7.0	7.7	7.7	7.7	6.9
NIGHT HAWK	6.7	4.0	7.3	6.0	6.3	7.0	7.3	8.7	6.3	7.3	6.0	7.7	7.7	7.0	5.7	8.3	7.3	7.0	7.0	6.0	6.3	6.3	7.0	7.3	8.0	7.7	6.9
PASSPORT (PST-2FF)	6.7	5.0	7.3	5.3	6.7	7.0	7.0	8.3	6.0	6.3	6.0	7.3	8.0	7.0	7.0	8.7	7.0	6.7	7.0	7.0	6.3	6.7	6.3	7.0	7.7	7.7	6.9
PST-2R3	7.7	4.7	7.0	6.0	6.0	7.0	7.3	8.7	5.7	7.0	6.0	8.3	7.3	7.3	5.7	8.3	6.7	6.0	6.7	7.0	6.7	6.7	6.7	6.7	8.0	7.3	6.9
CADDIESHACK (MED 5071)	6.3	5.3	6.3	6.0	5.7	7.0	6.7	8.3	5.7	7.0	6.0	8.0	7.7	7.3	6.3	8.3	6.7	7.0	7.3	6.3	6.7	6.7	6.7	7.3	8.0	7.3	6.8
ESQUIRE	6.3	4.7	7.0	6.0	6.0	7.0	7.3	8.7	7.0	7.3	6.0	7.7	7.3	6.3	5.7	8.3	7.0	6.7	6.7	6.7	7.0	6.3	6.7	7.3	7.3	7.3	6.8
OMEGA3 (ZPS-2DR-94)	5.3	5.0	7.0	6.0	6.0	7.0	7.0	8.3	6.3	6.7	6.0	8.0	7.3	7.0	7.0	8.7	7.0	6.3	7.0	7.0	6.0	7.0	6.7	7.3	7.3	7.3	6.8
PRIZM	5.7	4.7	6.7	5.3	6.0	7.0	7.0	8.7	6.3	6.7	6.3	7.7	8.0	7.0	5.3	8.7	7.7	6.3	7.0	6.3	6.7	6.7	7.0	7.7	7.3	7.3	6.8
LAREDO	5.3	4.0	6.3	6.0	6.3	7.0	7.7	8.3	6.3	7.3	6.0	7.7	7.7	7.0	6.7	8.0	6.7	6.3	6.7	6.3	6.7	6.7	6.3	7.0	7.3	7.3	6.7
ACHIEVER	5.7	5.0	6.0	6.0	5.7	7.3	7.0	8.0	6.7	7.7	5.7	7.7	7.7	6.3	6.3	8.3	7.3	7.0	6.0	6.0	6.3	6.7	7.0	6.7	7.3	7.7	6.7
HEAD START (PICK PR 84-91)	5.7	4.3	7.3	6.0	7.0	7.0	6.7	8.0	5.7	7.0	5.7	7.7	7.3	6.7	5.3	8.3	7.7	7.3	7.0	6.0	6.3	6.3	6.3	7.0	7.7	7.3	6.7
SATURN II (ZPS-2ST)	6.7	4.3	7.0	5.7	5.0	7.0	7.0	9.0	6.3	7.3	6.0	7.3	7.7	6.7	5.3	8.7	6.3	6.0	7.0	6.7	6.7	6.7	6.7	7.0	7.3	7.3	6.7
WX3-91	6.0	4.3	6.3	6.0	6.0	7.0	7.0	8.0	6.0	6.7	6.0	7.3	8.3	6.7	6.0	8.7	6.7	7.0	7.0	6.0	7.0	6.7	6.7	6.7	7.3	7.3	6.7
VIVID	6.0	3.7	7.0	5.7	6.3	7.0	7.0	8.3	6.3	6.3	6.0	7.3	6.7	6.7	6.0	8.3	6.0	7.3	7.3	6.3	6.7	6.3	6.7	7.7	8.0	7.3	6.7
TOP HAT	6.0	5.0	7.3	5.3	5.0	7.0	7.3	8.3	6.7	6.3	6.0	7.0	7.0	6.3	6.0	8.3	8.0	7.0	7.0	6.7	6.0	6.3	6.3	7.0	7.3	7.3	6.7
ISI-MHB	7.0	4.7	7.0	5.7	6.7	7.0	7.0	8.3	5.7	7.0	5.3	7.7	7.3	6.3	5.0	8.7	7.3	6.3	7.0	6.0	6.3	6.3	6.3	7.0	7.3	7.3	6.7
CUTTER	6.0	4.3	6.3	5.3	6.3	7.0	7.3	8.0	6.0	7.0	6.0	8.3	8.0	6.3	5.7	8.0	7.3	6.3	6.7	6.0	6.3	6.7	6.7	7.0	7.0	7.7	6.7

TABLE 4. (CONT'D)

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1996 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	ARI	GA1	IA1	IL1	IL2	IN1	KS1	KY1	MA1	ME1	MI1	MO1	MO3	NE1	NJ1	OH1	OK1	PA1	QE1	RI1	UB1	UB2	VA1	WA1	WA3	WI1	MEAN
OMNI	6.3	4.7	6.3	6.0	6.0	7.0	7.0	8.3	6.0	7.0	6.0	7.0	7.3	7.0	5.3	8.3	7.0	7.0	6.7	6.3	6.3	6.3	6.3	7.7	7.0	7.0	6.7
APR 124	6.0	6.0	6.7	5.3	5.7	7.0	6.7	8.0	5.7	6.3	6.0	8.0	7.0	6.3	7.0	8.0	7.3	6.0	7.3	5.7	6.0	6.3	6.3	7.0	7.3	8.0	6.7
TOP GUN (J-1703)	6.0	4.0	6.3	5.7	6.0	7.0	6.7	8.0	6.3	7.3	6.0	8.3	7.0	7.0	5.7	8.7	6.3	6.3	7.0	6.7	6.3	6.3	6.0	6.3	7.7	7.3	6.6
RIVIERA II	5.3	4.7	7.0	5.3	6.7	7.0	7.0	8.0	6.3	6.3	6.0	7.3	6.3	7.0	5.7	8.0	6.3	6.7	7.0	6.0	6.0	6.3	7.0	7.0	7.7	7.7	6.6
ACCENT	5.7	5.3	6.3	5.7	5.3	7.0	7.0	8.0	6.3	6.3	6.0	7.3	7.3	6.3	6.0	8.0	6.7	6.7	6.7	6.3	6.3	6.3	6.7	6.7	7.7	7.3	6.6
WIND STAR (PST-28M)	5.7	5.0	6.7	5.7	4.7	7.0	7.0	8.0	6.0	7.0	6.0	7.3	7.0	6.7	5.7	8.0	7.3	6.7	6.3	6.0	6.3	6.7	5.7	7.7	7.3	7.3	6.6
PST-2CB	5.7	4.7	7.3	5.7	5.3	7.0	7.0	8.7	5.7	5.0	6.0	7.3	7.7	6.7	5.3	8.0	6.3	6.7	6.7	6.3	7.0	6.0	6.7	7.0	7.3	8.0	6.6
BLAZER III (PICK 928)	5.3	5.0	6.7	5.7	5.7	7.0	6.3	8.0	6.0	6.7	5.7	7.3	7.0	6.7	5.3	8.3	6.7	7.0	7.3	6.3	6.0	6.7	6.3	7.0	7.7	7.0	6.6
KOOS 93-3	6.0	5.7	6.3	5.7	6.3	7.0	6.3	8.7	5.7	6.3	6.3	7.7	7.0	6.3	4.7	8.0	6.0	6.7	7.0	6.0	6.3	6.7	6.0	7.0	7.0	7.3	6.5
EDGE	5.7	4.3	6.7	5.7	5.0	7.0	7.0	7.7	6.3	7.0	6.0	7.7	7.7	6.7	6.3	8.3	6.0	6.0	7.0	6.0	6.0	6.7	6.3	7.0	7.0	7.7	6.5
BLACKHAWK (TMI-EXFLP94)	5.7	4.3	6.7	4.7	4.7	7.0	6.3	8.3	6.0	6.3	6.0	7.0	7.7	7.0	5.0	8.3	6.7	7.0	6.7	6.7	6.7	6.3	6.7	6.7	7.7	7.7	6.5
MORNING STAR	5.7	4.0	7.0	5.7	5.3	7.0	6.3	8.3	5.7	6.7	6.0	7.0	7.0	6.7	5.0	8.0	7.3	6.7	6.7	6.0	6.0	6.7	6.3	6.7	7.0	7.7	6.5
MVF-4-1	6.0	4.7	7.0	5.3	6.0	7.0	6.3	8.3	6.3	6.0	6.0	7.3	7.0	6.0	5.0	8.7	6.0	6.3	6.7	6.0	6.0	6.0	6.3	7.0	7.3	7.3	6.5
WVPB-93-KFK	5.3	4.3	6.0	5.0	7.0	6.0	6.3	8.0	6.0	6.3	6.0	7.3	7.7	6.3	4.3	8.7	6.3	5.7	6.7	6.0	6.0	6.3	6.3	7.0	8.0	7.7	6.5
SR 4200	5.0	5.0	6.3	5.7	5.0	7.0	6.7	9.0	6.0	6.7	6.0	7.0	7.0	6.0	4.0	8.7	7.0	6.0	6.7	6.0	6.0	6.3	6.7	7.0	7.0	7.3	6.4
PS-D-9	6.3	5.0	6.7	5.0	5.3	6.7	6.3	8.0	6.0	7.0	6.0	7.0	6.7	6.0	4.7	8.3	7.0	6.3	6.7	6.0	6.0	6.3	6.3	6.7	7.0	7.7	6.4
ACADEMY (PC-93-1)	6.3	4.3	6.3	5.3	6.0	6.7	6.7	8.3	6.0	6.7	6.0	7.0	7.0	6.0	4.3	8.0	6.0	6.0	6.7	5.7	6.0	6.3	6.3	7.3	7.7	7.7	6.4
NAVAJO	6.0	3.7	7.0	5.7	6.0	7.0	6.3	8.0	5.3	6.0	6.0	7.0	6.7	6.0	4.3	9.0	6.7	5.7	7.0	6.3	6.0	6.0	7.0	7.0	7.7	7.0	6.4
PEGASUS	5.7	4.3	6.7	5.3	5.0	7.0	6.0	8.0	6.0	7.0	6.0	7.0	6.7	6.0	5.0	8.0	7.0	6.3	7.3	6.0	6.0	6.3	6.3	7.0	7.0	7.7	6.4
STALLION SUPREME (PSI-E-1)	6.0	3.7	6.3	5.7	4.7	7.0	6.7	8.3	6.0	7.3	6.0	7.0	7.3	6.3	5.0	8.0	6.0	5.7	6.7	6.0	6.3	6.0	6.7	7.0	7.3	7.7	6.4
BAR ER 5813	5.3	4.3	6.7	5.3	5.7	6.7	7.0	7.7	5.7	7.0	6.0	7.0	7.3	6.0	5.0	8.3	7.0	6.3	6.7	6.0	5.7	6.3	6.3	6.3	7.3	7.3	6.4
KOOS 93-6	5.3	4.7	6.7	4.7	4.7	7.0	6.3	8.3	5.7	6.7	6.0	7.3	7.0	6.7	5.3	8.0	6.0	6.0	6.3	6.0	6.0	6.7	6.7	7.7	7.7	7.7	6.4
QUICKSTART	5.7	5.0	6.7	5.7	5.7	7.0	6.3	8.0	5.7	5.7	6.0	7.0	7.0	6.3	6.0	8.0	5.7	6.3	6.7	5.3	6.0	6.0	7.0	6.7	6.7	7.7	6.4
PRECISION	6.3	4.7	6.3	6.0	4.7	6.7	6.7	8.3	6.0	6.7	6.0	7.3	7.0	6.0	5.0	8.0	6.3	5.7	6.3	5.3	5.7	6.3	6.7	6.7	7.0	7.3	6.3
STALLION SELECT	5.3	5.0	7.0	5.0	3.7	7.0	6.0	8.0	6.0	6.3	6.0	7.0	6.7	6.3	5.3	8.3	6.7	6.3	6.3	5.7	6.3	6.0	6.3	6.3	7.3	7.3	6.3
WVPB-PR-C-2	5.7	4.7	7.0	5.7	5.3	7.0	6.3	7.3	5.3	6.0	6.0	7.3	7.0	6.0	5.0	8.3	6.0	6.3	6.7	6.0	6.3	6.0	6.0	6.3	6.7	7.3	6.3
APR 106	5.7	5.3	6.7	5.3	5.3	7.0	6.0	8.0	6.0	6.0	5.7	7.7	7.0	5.3	4.0	8.3	6.3	5.7	6.7	5.3	6.0	6.3	6.0	7.0	7.0	7.7	6.3
ASSURE	5.3	4.3	6.3	5.0	4.7	7.0	6.3	8.3	6.0	6.7	6.0	7.0	7.0	6.0	5.0	8.0	5.7	6.0	7.0	6.0	6.0	6.0	6.7	6.3	6.7	7.7	6.3
DANCER	5.3	4.7	7.3	5.3	5.3	7.0	6.0	7.3	5.0	6.7	6.0	7.3	7.3	6.0	3.7	8.0	6.0	6.7	6.7	5.0	6.3	6.3	6.0	6.7	7.3	7.7	6.3
WILLIAMSBURG	5.0	4.7	6.0	5.7	6.7	7.0	6.7	8.0	6.0	5.3	6.0	7.0	6.3	6.3	4.0	8.3	6.3	5.7	6.3	5.7	6.0	6.0	6.3	6.7	7.0	7.3	6.2
SR 4010 (SRX 4010)	5.7	4.0	6.3	5.0	5.3	7.0	6.3	8.0	5.3	6.7	6.0	7.3	6.3	5.7	4.3	8.7	6.0	5.0	6.7	5.0	6.0	6.3	6.7	7.0	7.3	7.7	6.2
R2 (ISI-R2)	5.3	4.7	6.3	5.7	3.3	7.0	6.3	8.0	5.3	6.3	6.0	7.0	6.7	6.3	4.3	8.3	6.0	6.0	7.0	5.3	6.0	5.7	6.0	7.0	7.0	7.7	6.2
APR 131	5.0	3.7	7.0	5.3	5.3	7.0	6.0	7.3	5.7	6.7	6.0	7.0	7.0	5.7	5.3	8.0	6.0	5.7	6.7	5.0	6.0	5.7	6.3	6.7	6.7	7.3	6.2
EXPRESS	5.7	4.7	7.0	5.0	4.7	7.0	6.0	7.7	5.3	5.3	5.7	7.0	7.0	6.0	4.3	8.0	5.7	6.0	6.7	5.3	6.0	6.3	6.0	6.7	7.0	7.7	6.1
SATURN	5.3	4.0	6.7	4.7	4.7	6.7	6.3	8.0	6.0	5.3	6.0	6.7	7.0	6.0	4.3	8.3	6.0	5.3	6.7	5.3	6.0	7.0	6.3	6.3	6.7	7.3	6.1
NOBILITY	5.0	4.0	7.3	5.0	4.3	7.0	6.0	7.7	5.7	5.7	6.0	7.0	6.7	5.7	3.7	8.3	5.7	5.7	5.7	5.7	6.0	5.7	6.0	6.7	7.0	7.3	6.0
SR 4400 (SRX 4400)	5.3	3.7	6.7	4.7	4.0	6.3	6.0	8.7	5.3	6.7	6.0	7.0	6.7	5.7	3.7	8.3	6.3	5.3	5.7	5.3	5.7	5.7	5.7	6.7	6.7	7.3	6.0
DLP 1305	6.0	3.7	6.7	5.0	3.7	6.7	6.0	7.3	5.3	5.0	6.0	7.3	6.3	5.3	3.3	8.0	7.0	5.3	7.0	4.3	6.0	6.0	6.0	6.7	8.0	7.0	6.0
WVPB 92-4	5.0	4.0	6.3	5.0	3.7	7.0	6.0	8.0	6.0	6.0	5.7	7.3	7.0	5.3	3.3	8.3	5.3	5.0	6.0	5.3	6.0	6.0	6.0	6.3	6.7	7.0	5.9
APR 066	5.0	4.3	6.3	5.0	4.3	7.0	5.7	8.0	5.7	5.0	6.0	7.0	6.7	5.0	3.0	8.0	6.3	5.3	6.3	4.3	6.0	5.7	6.0	6.7	7.0	7.0	5.9
FIGARO	4.0	3.3	7.0	3.3	2.3	6.0	6.0	7.0	5.0	5.3	5.7	7.3	6.3	5.0	2.0	8.0	5.7	4.3	7.0	4.7	5.3	5.7	5.3	5.7	6.3	7.0	5.4
DSV NA 9402	4.3	5.3	6.0	5.3	2.7	5.7	5.3	6.7	4.7	4.0	6.0	7.7	6.0	5.0	2.3	8.0	5.0	4.3	6.7	4.0	5.3	5.0	5.0	6.0	6.0	7.0	5.4
PENNFINE	3.7	3.7	7.0	4.7	3.0	6.0	5.7	6.7	4.7	4.0	6.0	7.0	6.0	5.0	2.3	8.0	4.3	4.7	6.0	3.3	5.0	5.3	5.3	6.0	6.7	6.7	5.3
DSV NA 9401	3.7	3.7	6.0	5.5	2.3	6.0	5.0	6.0	5.0	4.7	6.0	7.0	6.0	5.0	2.0	7.3	5.0	4.3	6.0	3.0	5.0	5.7	5.0	6.0	6.7	7.0	5.2
LINN	3.0	3.3	5.7	3.0	3.0	4.0	4.0	5.7	4.3	4.3	6.0	6.0	6.0	4.0	1.3	7.3	3.0	6.3	5.3	1.0	4.7	5.0	5.0	4.3	5.3	5.0	4.5
LSD VALUE	1.3	1.8	1.1	1.1	1.7	0.5	0.8	0.8	0.9	1.3	0.4	0.9	1.0	0.8	1.4	0.7	1.1	1.2	0.8	0.8	0.6	0.8	0.9	1.0	0.8	0.8	0.2
C.V. (%)	13.1	23.4	9.5	12.3	18.2	4.1	7.3	5.8	9.4	12.1	3.9	7.1	8.7	7.2	14.7	5.5	9.8	11.7	7.2	7.9	5.7	7.4	8.6	9.0	6.5	6.5	9.5

- 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).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 5.

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IN1	KS1	KY1	MA1	MI1	MO3	NE1	NJ1	OH1	OK1	QE1	RI1	UB1	UB2	WA1	MEAN
ELF	6.3	4.0	7.0	9.0	6.3	6.0	6.7	4.7	5.7	7.7	3.7	4.7	5.0	7.7	6.0	6.0	6.0
CALYPSO II	6.0	5.0	6.3	8.7	5.3	5.3	7.3	4.3	6.3	7.7	3.0	3.3	5.0	7.7	6.7	6.7	5.9
PREMIER II (BAR USA 94-II)	6.0	4.0	6.0	9.0	6.7	6.0	6.0	5.0	5.7	8.0	3.0	5.0	4.7	7.0	5.7	6.7	5.9
SR 4400 (SRX 4400)	5.3	4.0	6.3	7.7	6.3	5.7	5.0	6.7	5.3	7.0	3.0	6.3	5.7	7.0	6.7	5.7	5.9
WIZARD (MB 41)	6.3	4.0	6.3	8.3	7.3	5.7	7.3	4.7	4.0	7.3	3.0	6.7	4.0	7.0	6.0	5.3	5.8
EXCEL (MB 1-5)	7.0	4.0	6.3	7.3	7.0	6.5	7.7	3.3	3.0	9.0	3.0	6.0	3.7	7.0	6.0	5.0	5.7
EXPRESS	6.7	4.0	6.3	7.7	7.3	5.7	5.3	2.7	6.0	7.0	3.3	4.0	5.7	6.7	6.7	6.3	5.7
SR 4200	5.7	4.0	6.0	8.7	6.7	5.7	5.3	5.3	5.3	7.3	3.3	4.3	5.3	7.0	6.3	5.0	5.7
PANTHER (ZPS-PR1)	5.7	4.0	5.7	9.0	7.0	6.0	5.0	4.3	5.7	7.7	3.0	5.0	4.3	7.3	6.3	5.3	5.7
SATURN	4.7	4.7	7.7	8.3	6.3	5.0	5.0	4.0	5.7	7.7	4.0	4.7	6.0	6.7	5.7	5.0	5.7
ESQUIRE	5.7	4.7	6.3	7.7	7.0	5.7	5.7	5.7	5.0	7.3	3.0	3.7	4.7	7.0	6.7	5.3	5.7
LRF-94-C8	5.3	4.0	6.7	7.7	7.7	5.7	8.3	3.3	4.0	8.3	3.0	4.3	4.3	6.7	5.7	5.7	5.7
R2 (ISI-R2)	6.7	4.7	6.7	8.3	6.0	6.0	5.7	3.0	7.3	7.3	3.3	3.0	4.3	7.0	5.3	6.0	5.7
ISI-MHB	5.0	4.3	6.3	7.7	6.0	6.0	5.0	6.3	5.0	7.3	3.3	4.7	4.7	7.0	6.3	5.3	5.6
DIVINE	6.0	4.0	6.3	7.3	6.0	5.7	6.3	4.3	5.0	7.7	3.0	5.7	4.0	7.0	6.3	5.7	5.6
SECRETARIAT (RPBD)	6.7	4.0	6.0	8.3	5.7	6.0	5.3	4.0	5.0	7.7	2.7	4.7	5.3	7.0	6.0	6.0	5.6
EDGE	5.7	4.3	7.0	8.7	7.0	5.7	6.0	3.3	5.7	7.0	3.0	3.7	4.7	7.0	5.3	6.0	5.6
J-1706	5.3	4.3	6.0	8.7	5.7	5.7	6.0	4.3	5.0	8.0	3.0	5.3	3.3	7.3	5.7	6.3	5.6
BLACKHAWK (TMI-EXFLP94)	6.0	4.3	6.0	8.3	6.3	5.7	5.0	4.3	5.3	7.0	3.3	5.3	5.3	6.7	6.0	4.7	5.6
APR 106	5.0	4.3	6.3	8.0	5.3	5.7	5.3	4.7	5.3	7.0	4.0	5.3	5.3	6.7	6.0	5.3	5.6
ACHIEVER	6.7	4.0	6.3	8.3	6.3	5.7	6.0	3.3	5.7	7.3	3.0	3.7	4.7	6.0	5.7	6.3	5.6
PALMER III (LRF-94-MPRH)	5.3	4.0	5.7	8.7	6.0	5.5	6.3	4.0	4.3	7.7	2.7	4.3	4.3	7.7	6.7	5.7	5.6
ACADEMY (PC-93-1)	6.0	4.0	6.3	7.7	5.7	5.7	5.0	4.3	5.7	7.3	3.0	5.3	5.0	6.7	6.0	5.0	5.5
LAREDO	6.0	4.0	6.7	8.0	6.0	5.7	6.7	5.0	4.7	7.7	3.0	3.7	4.3	6.0	5.7	5.7	5.5
APR 066	5.0	4.0	6.0	8.0	5.7	6.0	5.7	3.3	6.7	7.0	3.3	5.3	5.0	6.3	5.7	5.3	5.5
DSV NA 9402	4.3	4.7	6.3	8.7	5.0	6.0	6.0	4.3	6.7	7.7	4.7	3.3	4.3	6.0	6.0	4.3	5.5
PS-D-9	4.7	4.3	6.7	8.0	5.7	6.0	5.7	3.7	6.3	7.0	3.0	3.7	5.7	6.7	6.0	5.0	5.5
KOOS 93-6	5.3	4.0	6.0	7.7	6.3	6.0	5.3	4.7	5.7	7.0	3.0	5.0	4.7	7.0	5.3	5.0	5.5
VIVID	6.0	4.0	6.3	7.3	5.7	6.3	5.7	5.3	4.7	7.3	3.0	5.0	4.3	6.0	6.3	4.7	5.5
PRECISION	4.7	4.0	7.0	8.3	5.7	5.7	5.3	4.3	6.0	7.0	3.0	3.7	3.7	6.7	6.7	6.0	5.5
BRIGHTSTAR	5.7	4.0	6.0	8.3	6.3	6.0	6.0	5.0	4.0	7.7	3.0	3.7	4.0	7.7	5.7	4.7	5.5
PRELUDE III (LRF-94-B6)	6.0	4.3	6.0	8.0	6.7	5.7	6.3	2.3	3.3	8.0	3.3	5.7	5.0	6.7	5.3	5.0	5.5
PST-2R3	5.3	4.0	6.0	8.0	5.7	6.0	5.0	5.0	4.0	7.7	3.3	5.7	4.0	7.0	6.3	4.7	5.5
WX3-91	6.3	4.0	6.7	7.7	5.3	5.7	6.7	4.3	5.7	7.3	3.3	3.0	5.3	6.3	4.7	5.3	5.5
CUTTER	6.0	3.7	6.0	7.0	7.3	5.5	5.7	4.7	3.7	7.7	3.0	6.3	4.0	6.7	5.3	5.0	5.5
PENNANT II (MB 42)	4.7	4.0	6.0	7.3	8.0	6.0	7.0	5.0	3.0	8.3	3.0	4.0	3.0	6.7	6.3	5.0	5.5
TOP GUN (J-1703)	5.7	4.0	6.3	8.0	6.0	6.0	6.7	3.7	4.3	7.0	3.0	4.0	5.3	7.0	5.3	5.0	5.5
MVF-4-1	5.7	4.0	6.3	7.7	4.7	5.7	5.0	4.0	5.3	7.3	3.3	6.0	4.3	6.7	6.0	5.0	5.4
PENNFINE	5.3	4.0	6.0	8.0	5.7	5.0	4.7	2.3	8.0	6.7	5.0	5.0	5.0	6.7	4.0	5.7	5.4
SATURN II (ZPS-2ST)	6.3	4.0	6.7	7.7	7.3	5.3	5.7	3.3	4.0	7.3	3.0	4.3	4.0	7.3	5.7	5.0	5.4
LINE DRIVE (MB 47)	5.7	4.0	6.0	7.7	7.3	6.5	7.0	4.0	3.0	8.0	3.0	3.7	3.7	6.7	5.3	5.3	5.4
BAR ER 5813	5.0	4.0	5.7	7.0	6.7	6.0	6.0	5.3	3.0	7.3	3.3	5.0	5.0	6.7	5.7	5.0	5.4
MB 45	5.7	3.7	5.7	7.7	7.0	5.7	6.3	4.7	2.7	8.3	3.0	4.3	3.0	7.0	7.0	5.0	5.4
STARDANCE (PST-2FE)	6.3	4.0	6.0	7.7	7.3	5.0	6.7	1.7	5.0	7.3	3.0	4.3	4.3	6.7	5.7	5.7	5.4
OMEGA3 (ZPS-2DR-94)	6.0	4.0	6.7	7.7	6.0	6.0	5.3	3.3	5.0	7.3	3.3	4.3	4.0	6.7	5.0	5.7	5.4
ASSURE	6.0	4.0	6.0	7.7	6.3	6.0	5.3	3.3	5.0	7.0	3.0	3.3	4.3	7.3	6.3	5.3	5.4
CADDIESHACK (MED 5071)	6.0	4.0	6.3	8.0	6.0	5.3	4.7	3.3	4.0	7.7	3.0	5.0	4.7	7.0	6.0	5.3	5.4
KOOS 93-3	5.3	4.0	6.3	7.7	6.0	5.7	5.0	3.7	6.7	7.3	3.3	3.0	5.3	6.7	5.0	5.3	5.4
TOP HAT	6.3	4.0	6.7	8.7	6.3	5.3	5.0	3.7	5.3	7.3	3.0	3.7	3.3	7.0	6.0	4.7	5.4
NOBILITY	5.0	4.0	6.3	7.7	6.3	6.0	6.0	3.0	5.0	7.0	3.0	4.3	4.7	7.0	5.7	5.0	5.4
QUICKSTART	5.7	4.3	6.3	7.7	5.3	5.7	5.7	2.7	5.7	7.0	3.3	5.3	4.0	6.7	5.7	5.0	5.4

TABLE 5. (CONT'D)

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 1996 DATA
 SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	IA1	IN1	KS1	KY1	MA1	MI1	MO3	NE1	NJ1	OH1	OK1	QE1	RI1	UB1	UB2	WA1	MEAN
REPELL III (LRF-94-C7)	6.3	3.7	6.0	7.7	7.3	6.0	5.7	2.3	2.7	8.3	3.3	4.3	4.3	7.0	5.7	5.3	5.4
STALLION SELECT	5.7	4.0	7.0	7.3	6.0	6.0	4.7	4.7	6.3	7.0	3.0	3.7	3.7	6.3	5.0	5.7	5.4
WVPB-93-KFK	5.7	4.0	6.3	7.7	6.0	6.0	5.0	5.0	4.7	7.0	3.0	4.7	3.3	6.7	5.7	5.3	5.4
CITATION III (PST-2DGR)	5.0	4.0	6.3	7.7	6.0	6.5	5.3	1.7	4.7	8.0	3.0	4.7	4.0	6.7	6.7	5.7	5.4
APR 124	5.7	4.0	6.7	8.0	5.0	6.0	5.7	4.3	4.0	7.3	3.0	3.3	4.3	7.0	6.0	5.3	5.4
RIVIERA II	5.7	4.0	6.3	7.0	6.3	6.0	6.0	4.3	4.7	7.3	3.3	4.0	4.0	6.7	4.7	5.3	5.4
WIND STAR (PST-28M)	5.7	4.0	6.7	8.0	5.0	6.0	5.0	2.7	5.3	7.3	3.0	4.7	4.3	6.7	5.3	6.0	5.4
MAJESTY (MB 43)	5.0	4.0	6.0	7.3	6.3	5.5	6.7	4.0	3.0	8.0	3.0	4.3	3.7	7.0	6.3	5.3	5.3
WILLIAMSBURG	6.0	4.0	6.3	7.3	6.3	6.0	4.7	2.7	5.7	7.0	3.3	4.7	4.0	6.7	5.7	5.0	5.3
SR 4010 (SRX 4010)	6.0	4.3	6.7	7.3	6.3	7.0	5.0	3.7	4.7	7.7	3.0	3.7	3.3	6.3	5.7	4.7	5.3
PRIZM	5.3	4.0	6.0	7.7	5.3	5.7	5.3	3.3	5.0	7.3	3.0	5.0	4.3	6.7	6.0	5.0	5.3
NIGHT HAWK	6.0	4.0	6.3	7.3	6.3	5.3	5.3	4.3	4.0	7.7	3.3	4.3	4.3	6.7	5.0	4.7	5.3
WX3-93	5.0	4.0	6.7	7.7	6.7	5.7	5.7	4.0	3.0	8.0	3.0	4.3	3.7	6.0	6.3	5.0	5.3
MANHATTAN 3	6.3	4.0	6.0	7.0	5.7	6.0	6.0	3.0	3.3	7.7	3.0	4.7	3.3	7.0	6.7	4.7	5.3
STALLION SUPREME (PSI-E-1)	5.7	4.0	6.7	7.0	5.7	6.0	6.0	3.7	4.7	7.0	3.0	4.3	4.3	6.7	5.0	4.7	5.3
ACCENT	5.0	4.3	6.0	7.7	5.3	5.7	6.0	4.7	4.7	7.3	3.0	3.3	4.0	6.3	5.7	5.3	5.3
BLAZER III (PICK 928)	5.0	3.7	6.0	7.3	6.0	5.3	6.0	4.0	3.7	7.3	3.0	4.0	4.0	7.3	6.3	5.3	5.3
MARDIGRAS (ZPS-2NV)	5.0	4.0	5.7	7.0	6.3	6.0	5.7	4.0	3.3	7.7	3.0	5.7	3.7	7.0	5.3	5.0	5.3
PST-2CB	5.7	4.0	6.3	8.0	6.0	5.3	5.0	1.3	6.7	7.0	3.3	3.0	4.7	6.3	5.3	6.3	5.3
WVPB-PR-C-2	6.3	4.0	6.3	8.0	5.0	6.0	5.0	3.7	4.7	7.0	3.0	4.0	4.3	6.3	5.3	5.3	5.3
OMNI	5.3	3.7	5.7	7.0	7.3	6.0	5.0	5.0	2.7	7.3	3.0	4.0	4.7	6.3	5.3	5.7	5.3
PEGASUS	6.0	4.0	6.3	7.7	4.7	6.0	5.7	2.7	5.3	7.3	3.3	3.7	4.7	6.3	5.3	5.0	5.3
WIND DANCER (MB 46)	6.0	3.3	5.3	7.0	7.7	6.0	6.0	4.0	2.7	8.7	3.0	3.7	3.3	6.7	6.0	4.7	5.3
LEGACY II (LESCO-TWF)	5.3	3.0	5.7	7.7	6.3	6.5	6.7	2.3	2.7	8.0	3.0	4.7	3.7	6.7	6.0	5.0	5.2
DANCER	4.0	4.3	6.3	8.0	4.7	5.7	5.3	3.3	4.3	7.7	4.0	4.3	4.0	6.7	5.7	4.7	5.2
APR 131	5.7	4.0	6.3	8.3	5.0	5.7	5.3	1.3	5.0	7.0	3.3	3.7	4.3	6.3	6.3	5.3	5.2
BRIGHTSTAR II (PST-2M3)	5.3	3.7	5.7	7.3	7.3	6.0	6.0	3.7	2.0	8.7	2.7	3.7	3.3	6.7	6.3	4.7	5.2
WVPB 92-4	5.3	4.0	6.3	7.7	5.0	5.3	5.3	2.3	6.0	6.7	3.0	4.7	5.0	6.3	5.3	4.7	5.2
PASSPORT (PST-2FF)	6.0	4.0	6.0	7.0	6.0	5.7	5.0	3.3	3.3	7.7	3.0	5.0	3.7	6.3	5.3	5.0	5.1
MB 44	4.7	3.3	5.0	7.0	7.7	5.5	8.0	3.0	2.0	8.7	3.0	4.0	3.0	6.7	6.0	4.7	5.1
MORNING STAR	4.3	4.0	5.0	8.0	6.0	5.3	5.7	2.3	5.3	7.0	3.3	4.0	4.0	6.7	6.0	5.0	5.1
ROADRUNNER (PST-2ET)	6.3	4.0	5.7	8.3	5.7	5.7	6.0	2.7	3.7	7.0	3.0	2.7	3.7	6.3	5.7	5.7	5.1
CATALINA (PST-GH-94)	4.7	4.0	5.7	7.3	5.3	5.5	6.3	4.0	3.3	8.0	3.0	3.0	2.3	7.0	7.0	5.0	5.1
NINE-O-ONE	4.7	3.7	6.0	7.7	6.7	5.5	5.3	1.0	4.3	7.3	3.0	4.3	4.0	6.3	6.0	5.3	5.1
ADVANTAGE	4.7	4.0	5.7	7.3	6.3	5.5	5.3	2.0	3.0	7.7	3.0	5.3	3.3	6.7	6.0	5.0	5.1
CHAPARRAL (PST-2DLM)	5.7	3.3	6.0	7.0	6.0	5.5	7.3	3.0	2.7	7.7	3.3	3.7	3.0	6.3	5.7	4.7	5.1
PICK LP 102-92	5.7	3.0	6.0	6.3	5.3	5.7	6.0	3.0	2.7	7.7	3.0	4.3	4.3	6.7	5.7	5.3	5.0
DLP 1305	5.3	4.3	6.3	7.7	5.0	6.0	5.0	7.0	3.7	7.0	3.0	3.0	4.7	7.0	0.0	5.3	5.0
DSV NA 9401	3.7	4.0	6.7	8.0	4.7	6.0	5.3	3.3	6.0	7.0	4.0	2.7	3.3	6.0	5.0	4.3	5.0
FIGARO	4.3	4.0	6.0	8.0	6.0	5.3	4.7	6.0	6.3	7.3	4.0	2.3	4.0	6.0	1.7	4.0	5.0
IMAGINE	5.7	3.0	4.7	5.7	6.3	6.0	7.0	3.3	1.7	8.3	3.3	3.7	3.0	6.3	5.0	4.3	4.8
NAVAJO	6.0	3.0	6.0	6.0	6.3	6.0	5.3	3.7	2.0	7.0	3.0	4.0	3.3	7.0	4.7	4.0	4.8
HEAD START (PICK PR 84-91)	4.7	3.0	5.7	7.0	6.0	5.7	5.3	4.3	2.3	7.3	3.0	3.0	2.7	6.3	5.7	4.7	4.8
CAS-LP23	5.3	3.3	5.3	7.3	4.7	4.7	7.0	2.7	2.3	7.3	3.0	4.0	3.0	6.0	4.3	4.7	4.7
LINN	3.7	2.0	3.7	7.0	6.7	6.0	1.0	1.3	9.0	6.0	4.3	4.7	4.0	5.7	0.0	5.0	4.4
LSD VALUE	1.4	0.5	0.9	1.1	1.7	0.9	1.5	2.5	1.4	0.8	0.7	3.7	1.2	0.8	1.3	1.0	0.4
C.V. (%)	15.9	8.2	9.3	8.5	17.4	8.8	16.2	41.0	18.8	6.8	14.0	53.3	18.0	7.2	14.6	11.5	17.8

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 6.

LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	IN1	KS1	KY1	MI1	MO1	MO3	NE1	NJ1	OH1	OK1	QE1	RI1	UB1	UB2	VA1	WA1	WA3	MEAN
CALYPSO II	4.0	7.3	7.3	7.0	6.7	8.7	6.0	6.3	7.0	7.7	7.3	8.0	7.3	7.3	6.7	8.0	8.0	7.3	6.0	6.0	7.0
PREMIER II (BAR USA 94-II)	4.7	7.0	6.3	7.3	6.3	8.0	6.0	6.7	7.0	7.7	7.3	8.0	7.7	7.3	6.3	8.0	8.0	6.7	6.0	6.7	7.0
PALMER III (LRF-94-MRH)	3.7	6.0	7.3	7.0	6.0	9.0	6.0	6.3	7.7	7.0	7.7	8.0	7.3	7.3	6.3	8.0	7.7	7.0	6.0	6.7	6.9
IMAGINE	4.0	7.3	7.7	6.7	6.3	8.7	6.0	6.3	8.3	7.7	6.0	7.7	7.7	7.3	5.3	7.7	7.7	7.3	6.0	6.0	6.9
PST-2R3	4.3	6.7	8.7	7.0	6.0	7.3	6.0	6.3	8.7	7.0	6.0	7.7	7.3	8.0	6.7	7.7	7.3	7.0	6.0	6.0	6.9
EXCEL (MB 1-5)	4.7	6.3	7.3	6.3	6.0	9.0	6.0	7.0	7.0	7.3	6.3	8.0	7.3	8.0	6.0	7.7	8.0	7.0	6.0	6.0	6.9
DIVINE	3.7	6.3	8.3	6.3	6.7	9.0	6.0	7.0	7.3	7.0	7.7	7.7	7.3	7.3	5.7	7.3	7.3	7.0	6.0	6.0	6.9
WIND DANCER (MB 46)	4.0	6.7	7.0	7.3	6.3	8.3	6.0	6.7	7.3	7.3	6.7	7.7	7.3	7.0	6.0	8.0	8.0	7.3	6.0	6.0	6.9
WIZARD (MB 41)	3.7	7.0	7.7	6.0	6.3	9.0	6.0	6.7	7.7	7.7	6.0	7.7	7.0	8.0	6.0	7.7	8.0	7.0	6.0	6.0	6.9
PENNANT II (MB 42)	4.0	6.7	8.3	6.7	6.7	9.0	6.0	6.3	7.0	7.0	6.3	7.7	7.3	7.7	6.0	7.7	7.7	7.0	5.7	6.0	6.8
ADVANTAGE	4.3	7.0	7.7	7.0	6.0	9.0	6.0	6.3	7.0	6.7	7.0	8.0	7.0	7.3	6.0	7.7	7.7	7.0	5.7	6.0	6.8
J-1706	4.3	6.7	6.3	7.0	6.7	8.7	6.0	6.7	7.0	7.0	7.3	7.7	7.0	7.7	6.0	8.0	7.0	7.0	6.0	6.0	6.8
SECRETARIAT (RPBD)	4.3	5.7	7.3	6.7	6.3	8.0	6.0	6.0	7.3	7.7	7.0	8.0	7.0	7.7	6.7	7.3	7.7	7.0	6.0	6.0	6.8
ISI-MHB	3.7	6.3	5.7	7.0	6.3	8.7	5.7	6.3	7.0	8.0	7.0	8.0	7.0	8.0	6.7	7.7	7.3	7.0	6.0	6.0	6.8
REPELL III (LRF-94-C7)	3.0	6.3	6.7	6.7	6.0	8.7	6.0	6.3	7.3	7.3	7.7	8.0	7.0	7.3	5.7	7.7	7.7	7.0	6.0	6.7	6.8
MANHATTAN 3	4.3	6.0	7.0	7.0	6.3	8.3	6.0	6.7	7.3	6.7	7.3	7.7	7.0	7.3	5.7	7.7	7.3	7.7	5.7	6.0	6.8
MB 45	3.7	6.0	6.7	6.3	6.3	9.0	6.0	6.7	7.0	7.3	7.3	7.7	7.7	7.7	6.0	7.7	7.3	7.0	5.7	6.0	6.8
OMNI	4.0	7.0	6.0	6.7	6.0	9.0	6.0	6.0	8.0	7.3	6.7	8.0	7.3	7.7	6.0	7.3	7.0	7.0	6.0	6.0	6.8
LAREDO	4.3	6.7	6.3	7.0	6.0	7.0	6.0	6.3	7.7	7.3	7.0	7.7	7.3	8.0	6.0	8.0	7.3	7.3	5.7	6.0	6.8
LINE DRIVE (MB 47)	4.3	6.7	7.0	6.7	6.3	8.3	6.0	6.0	7.0	6.7	7.3	7.7	7.7	7.3	6.0	7.7	7.0	7.0	6.0	6.0	6.7
CHAPARRAL (PST-2DLM)	3.7	6.3	6.3	7.0	6.0	8.7	6.0	6.3	7.0	6.7	6.7	7.3	7.3	7.3	6.7	8.0	7.7	7.0	5.7	6.7	6.7
LEGACY II (LESCO-TWF)	5.0	6.3	6.3	6.3	6.7	9.0	6.0	6.3	7.0	6.0	7.0	8.0	7.0	7.0	6.0	8.0	7.0	7.0	6.0	6.3	6.7
MB 44	3.3	6.3	6.3	6.7	6.7	8.7	6.0	6.3	8.0	7.3	6.0	8.0	7.3	7.3	5.7	7.7	7.7	7.0	6.0	6.0	6.7
BLACKHAWK (TMI-EXFLP94)	5.0	6.7	8.0	6.0	6.0	8.7	6.0	6.0	7.3	6.3	7.0	8.0	7.0	7.3	6.0	7.3	7.0	6.7	6.0	6.0	6.7
LRF-94-C8	3.0	6.3	6.7	7.0	6.3	8.3	6.0	6.0	7.7	6.7	7.0	8.0	7.7	7.3	5.3	7.7	8.0	7.0	6.0	6.0	6.7
PRIZM	4.7	6.0	7.0	6.3	6.0	8.7	6.0	6.7	7.3	7.0	6.0	8.0	7.3	7.3	5.7	7.7	8.0	7.3	5.0	6.0	6.7
SR 4400 (SRX 4400)	4.0	6.3	7.3	6.3	6.0	9.0	6.0	5.7	7.7	7.3	5.3	7.7	7.3	8.0	5.7	7.7	7.7	7.0	6.0	6.0	6.7
MAJESTY (MB 43)	4.3	7.0	8.0	6.7	6.7	8.3	6.0	6.3	7.0	7.0	6.3	8.0	5.7	7.7	5.7	7.3	7.0	7.0	5.7	6.0	6.7
PANTHER (ZPS-PR1)	4.7	6.3	6.0	6.7	6.3	8.3	6.0	6.0	7.0	6.7	7.3	7.7	7.3	7.0	6.0	7.7	7.7	7.0	6.0	6.0	6.7
SR 4200	4.7	6.3	7.0	6.7	6.0	8.7	6.0	6.0	7.0	7.3	6.0	7.7	7.3	7.7	6.0	7.3	7.0	7.0	6.0	6.0	6.7
SATURN II (ZPS-2ST)	4.3	6.0	6.7	6.7	6.7	9.0	6.0	6.0	7.0	7.0	5.7	7.7	7.0	7.3	6.0	7.7	7.7	7.3	5.7	6.0	6.7
BRIGHTSTAR	4.7	6.3	5.0	7.0	6.3	9.0	6.0	7.0	7.7	7.0	6.0	7.3	7.0	7.3	6.3	7.3	7.7	6.7	5.7	6.0	6.7
CATALINA (PST-GH-94)	3.7	6.0	6.7	7.0	6.3	8.7	6.0	6.3	7.7	6.3	7.0	7.0	7.0	7.3	6.0	7.7	7.7	7.0	6.0	6.0	6.7
CAS-LP23	4.0	6.3	7.3	6.7	6.0	8.0	6.0	6.3	7.0	6.7	6.0	8.0	7.0	7.7	5.7	7.7	7.0	7.0	5.7	6.7	6.6
TOP HAT	3.7	7.0	6.3	6.7	6.0	8.3	6.0	5.7	7.0	7.7	7.0	7.3	7.0	7.7	5.7	7.7	7.3	7.0	6.0	5.7	6.6
MARDIGRAS (ZPS-2NV)	4.0	6.0	5.3	6.3	6.0	8.7	6.0	6.3	7.3	7.3	6.3	8.0	7.0	7.7	5.7	8.0	7.7	6.7	6.0	6.0	6.6
TOP GUN (J-1703)	4.3	6.7	6.0	6.3	6.0	8.3	6.0	6.7	7.7	7.0	5.7	7.7	7.0	7.7	6.0	7.3	7.0	7.0	6.0	6.0	6.6
CADDIESHACK (MED 5071)	4.3	6.7	6.3	7.0	6.3	8.0	6.0	6.0	7.0	6.7	5.7	8.0	7.0	7.0	6.0	8.0	7.3	7.0	6.0	6.0	6.6
WIND STAR (PST-28M)	4.3	7.0	7.3	6.0	6.0	7.7	6.0	6.3	7.0	6.0	6.7	7.3	7.0	7.7	6.0	8.0	7.0	7.0	6.0	6.0	6.6
WX3-93	4.3	6.3	5.0	6.7	6.0	8.3	6.0	6.0	7.3	7.7	6.7	7.3	7.3	7.3	6.0	7.7	7.0	7.0	6.0	6.3	6.6
BRIGHTSTAR II (PST-2M3)	2.7	6.3	6.0	6.7	6.7	8.0	6.0	6.0	7.7	6.0	8.0	7.7	7.3	7.3	5.7	7.7	7.7	7.0	5.7	6.0	6.6
ESQUIRE	4.3	6.0	6.0	5.0	6.0	8.0	6.0	6.3	7.7	7.3	7.3	7.7	7.0	7.7	6.0	7.7	7.0	7.0	6.0	6.0	6.6
PRELUDE III (LRF-94-B6)	3.0	6.3	7.0	6.0	6.3	7.7	5.7	6.7	7.0	7.0	6.7	8.0	7.0	7.0	5.7	7.7	7.0	7.0	6.0	6.7	6.6
BLAZER III (PICK 928)	4.0	6.7	6.7	6.3	6.0	8.3	6.0	6.0	7.0	7.0	6.0	7.3	7.0	7.0	6.0	7.7	7.3	7.0	6.0	6.0	6.6
OMEGA3 (ZPS-2DR-94)	3.7	6.7	5.7	6.3	5.7	8.3	6.0	6.0	7.0	7.7	6.3	8.0	7.0	7.7	6.0	7.3	7.0	7.0	6.0	6.0	6.6
ELF	4.3	6.7	5.7	5.3	6.0	8.0	6.0	6.0	7.0	7.3	6.0	7.7	7.7	7.7	6.0	7.3	7.0	7.0	6.0	6.0	6.5
ACCENT	5.0	6.0	5.7	6.7	6.3	7.7	6.0	5.3	7.0	6.7	6.7	7.7	7.3	7.3	6.0	7.7	7.0	7.0	6.0	5.7	6.5
CITATION III (PST-2DGR)	3.3	6.0	5.7	6.7	7.0	9.0	6.0	6.0	7.0	6.0	6.3	7.3	7.3	7.3	6.0	7.0	7.7	7.0	5.7	6.3	6.5
HEAD START (PICK PR 84-91)	3.7	6.0	6.0	6.3	6.0	8.0	6.0	6.0	6.7	7.3	6.3	7.7	7.3	7.0	6.0	8.0	7.0	7.0	6.0	6.3	6.5
CUTTER	3.7	6.0	6.3	6.3	5.7	8.3	6.0	6.3	7.0	7.3	6.7	7.7	6.7	7.7	6.0	7.0	7.0	7.0	6.0	5.7	6.5
EDGE	4.7	6.3	6.0	6.3	6.3	7.0	6.0	6.0	7.0	7.0	7.0	7.7	7.0	7.3	5.7	7.0	7.0	7.0	5.7	6.0	6.5

TABLE 6. (CONT'D)

LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1996 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	IA1	IL1	IL2	IN1	KS1	KY1	MI1	MO1	MO3	NE1	NJ1	OH1	OK1	QE1	RI1	UB1	UB2	VA1	WA1	WA3	MEAN
ACADEMY (PC-93-1)	5.0	6.7	4.7	6.3	6.0	8.3	6.0	6.3	7.0	6.7	5.3	7.3	7.0	8.0	6.0	7.7	7.0	6.7	5.7	6.0	6.5
PICK LP 102-92	4.0	6.0	5.3	6.0	6.3	7.7	6.0	6.3	7.3	6.3	7.0	7.3	7.0	7.3	6.0	8.0	7.0	6.7	6.0	6.0	6.5
QUICKSTART	4.3	6.7	4.7	6.0	6.7	8.7	6.0	6.0	6.7	6.3	6.7	7.7	7.0	7.3	5.7	7.7	7.3	6.3	6.0	6.0	6.5
SR 4010 (SRX 4010)	4.0	6.3	5.3	6.7	6.0	8.7	6.0	6.3	7.3	6.7	5.7	7.3	7.3	7.3	5.7	7.3	7.0	7.0	5.7	6.0	6.5
PS-D-9	4.3	7.0	5.7	5.7	6.3	7.3	5.5	6.0	7.0	7.3	5.0	8.0	7.0	7.3	6.0	7.7	7.3	7.0	6.0	6.0	6.5
PASSPORT (PST-2FF)	4.3	6.0	5.0	5.7	6.0	8.0	6.0	6.0	7.0	7.3	6.0	7.3	7.0	7.3	6.0	7.7	7.7	7.0	6.0	6.0	6.5
BAR ER 5813	3.7	6.0	5.3	6.0	6.0	8.0	6.0	6.0	7.7	7.3	5.7	7.3	7.0	8.0	6.0	7.3	7.0	7.0	6.0	6.0	6.5
KOOS 93-6	4.3	6.3	5.7	5.7	6.0	7.7	6.0	6.3	7.0	7.3	5.7	7.7	7.3	7.3	6.0	7.0	7.3	7.0	5.7	6.0	6.5
STARDANCE (PST-2FE)	3.7	6.7	5.0	6.7	6.0	8.3	6.0	5.7	7.0	6.3	5.3	7.7	7.0	7.3	6.0	7.7	7.7	7.0	5.7	6.3	6.5
NINE-O-ONE	4.3	5.3	6.0	6.7	6.7	8.0	6.0	6.0	6.3	7.0	5.0	8.0	7.3	7.3	5.3	7.7	7.3	6.7	6.0	6.0	6.5
ROADRUNNER (PST-2ET)	4.3	6.0	4.3	6.7	5.7	7.3	6.0	6.3	7.7	6.0	6.7	8.0	7.3	6.7	6.0	7.3	8.0	7.0	5.7	6.0	6.5
ACHIEVER	3.7	6.3	6.0	5.7	6.0	7.3	6.0	6.3	7.0	6.3	6.0	8.0	7.3	7.7	5.7	7.3	7.3	6.7	6.0	6.0	6.4
STALLION SUPREME (PSI-E-1)	4.0	6.0	6.0	5.7	6.0	7.7	6.0	5.7	7.0	6.3	6.0	7.7	7.0	8.3	5.7	8.0	7.0	7.0	5.7	6.0	6.4
MVF-4-1	4.0	6.0	5.0	5.7	6.3	8.0	6.0	5.7	7.0	6.7	6.0	8.0	7.0	7.3	6.3	7.3	7.7	6.7	6.0	6.0	6.4
NAVAJO	4.7	6.3	5.7	6.0	6.0	8.0	6.0	6.0	7.0	6.7	5.3	7.3	7.0	7.3	6.0	7.3	6.7	7.0	5.7	6.0	6.4
ASSURE	4.3	6.7	6.3	5.7	6.0	7.7	6.0	6.3	6.7	6.7	5.3	7.3	7.0	7.3	6.0	7.0	7.3	6.7	6.0	5.7	6.4
RIVIERA II	4.7	6.0	5.0	5.7	6.0	7.3	6.0	6.3	7.0	6.7	6.0	8.0	7.0	7.0	6.0	7.7	6.7	7.0	6.0	5.7	6.4
WVPB-93-KFK	4.3	6.3	4.3	6.0	6.0	8.3	6.0	5.7	6.7	6.7	6.7	7.7	7.0	7.3	5.7	7.3	7.0	6.7	6.0	6.0	6.4
MORNING STAR	4.3	6.3	4.7	5.3	6.0	9.0	6.0	6.0	7.0	6.7	5.7	7.7	7.0	7.3	6.0	7.3	7.0	6.7	6.0	5.3	6.4
R2 (ISI-R2)	4.3	6.3	6.7	6.0	6.0	7.0	6.0	6.0	7.0	6.0	6.0	7.7	7.0	7.0	6.0	7.3	7.0	6.0	6.0	6.0	6.4
APR 106	5.0	5.7	4.0	5.3	6.0	7.0	6.0	6.3	7.0	7.0	4.7	8.0	7.3	7.7	6.0	7.7	7.3	7.0	6.0	6.0	6.4
WX3-91	4.0	6.0	4.7	5.7	6.0	8.0	6.0	6.7	7.0	6.3	5.3	7.7	7.0	7.3	6.0	7.3	7.0	6.7	6.0	6.0	6.3
VIVID	4.3	5.7	6.0	5.3	5.7	7.7	6.0	6.3	6.7	7.0	5.7	8.0	6.7	6.7	5.7	7.3	7.0	7.0	5.7	6.0	6.3
NIGHT HAWK	4.3	5.7	4.7	6.0	6.0	7.3	6.0	6.3	7.0	6.7	5.7	8.0	7.0	7.3	6.0	7.0	6.7	6.7	6.0	5.7	6.3
WILLIAMSBURG	4.7	5.7	4.7	5.7	6.0	8.0	6.0	6.0	6.7	6.7	5.0	8.0	7.0	7.7	5.7	7.0	7.0	6.7	6.0	6.0	6.3
WVPB-PR-C-2	4.7	5.7	4.0	5.7	6.0	7.7	6.0	6.0	7.0	7.0	5.3	7.7	7.0	7.7	6.0	7.0	6.7	7.0	6.0	6.0	6.3
DANCER	4.7	6.7	4.7	5.3	5.7	7.0	6.0	6.0	7.3	7.0	6.0	7.3	7.0	7.3	5.3	7.0	7.0	6.7	6.0	6.0	6.3
PRECISION	4.3	6.0	5.0	6.0	6.3	7.0	6.0	5.7	7.0	6.7	5.7	7.7	7.0	7.0	6.0	7.3	7.3	6.7	6.0	5.3	6.3
SATURN	4.7	5.7	4.7	6.3	6.3	7.0	6.0	6.0	7.3	6.7	5.0	7.7	7.0	7.3	6.0	7.3	7.0	7.0	6.0	5.0	6.3
APR 124	4.7	5.3	3.7	5.7	6.0	9.0	6.0	6.0	6.7	6.3	5.7	7.7	7.0	7.3	6.0	7.3	7.0	6.7	5.7	6.0	6.3
PEGASUS	4.3	6.3	5.3	6.3	6.0	7.7	6.0	6.0	6.7	6.0	5.7	7.7	7.3	7.0	5.7	7.0	6.7	6.3	5.7	5.7	6.3
EXPRESS	4.0	6.0	5.0	5.7	6.0	8.3	6.0	6.0	6.7	5.3	6.0	7.3	7.0	7.0	5.7	7.3	7.0	6.0	6.0	6.0	6.2
PST-2CB	4.0	6.0	4.0	6.3	6.3	7.3	6.0	6.0	7.3	6.0	4.3	7.0	7.3	7.3	5.7	7.3	7.0	7.0	6.0	6.0	6.2
WVPB 92-4	4.3	6.0	5.3	5.3	6.0	6.7	6.0	6.0	7.3	6.7	4.3	7.7	7.0	7.7	6.0	7.0	7.0	7.0	5.3	5.7	6.2
NOBILITY	4.7	5.7	6.0	5.7	6.3	7.7	6.0	5.7	6.7	6.3	4.7	7.7	7.0	7.3	5.3	7.0	6.7	6.3	6.0	5.3	6.2
KOOS 93-3	4.3	6.0	5.0	5.3	6.0	7.0	6.0	6.3	7.0	6.0	4.7	8.0	7.0	7.0	6.0	7.0	6.7	6.3	6.0	6.0	6.2
STALLION SELECT	4.0	6.0	5.0	5.3	6.0	7.0	6.0	6.0	7.0	5.7	5.0	7.7	7.0	7.7	5.3	7.0	7.0	6.0	5.7	6.0	6.1
DLP 1305	3.7	5.0	4.7	6.3	6.0	7.3	6.0	6.3	7.0	6.7	3.7	7.7	6.7	7.0	5.7	7.0	7.0	6.3	6.0	6.0	6.1
APR 066	4.3	6.3	4.7	5.3	6.0	7.3	6.0	5.7	7.3	6.0	4.0	7.3	7.0	7.3	5.3	7.3	6.3	6.3	6.0	6.0	6.1
APR 131	4.0	5.7	4.3	5.3	4.0	7.0	6.0	5.7	7.0	6.7	5.7	7.7	7.0	7.3	6.0	7.3	7.0	6.0	5.7	6.0	6.1
FIGARO	3.7	5.0	3.3	5.3	6.0	6.0	6.0	6.3	6.3	5.7	3.3	7.3	6.0	7.7	5.3	7.0	6.0	5.7	6.0	6.0	5.7
DSV NA 9402	4.3	6.3	2.3	5.3	5.3	6.0	6.0	5.7	6.7	5.7	3.3	7.3	7.0	7.0	5.0	7.0	6.0	5.3	5.7	6.0	5.7
DSV NA 9401	4.7	5.7	3.3	5.0	5.7	6.0	6.0	6.0	6.0	5.3	3.0	7.0	6.7	7.0	5.0	7.0	6.0	5.3	6.0	6.0	5.6
PENNFINE	2.3	5.3	2.0	5.0	6.0	6.0	6.0	5.3	6.7	5.0	2.7	7.7	6.3	7.3	5.3	7.0	5.7	6.0	5.7	5.0	5.4
LINN	2.0	3.7	1.0	3.0	4.0	4.0	6.0	4.3	6.3	4.0	1.0	7.3	6.3	7.0	4.7	6.0	5.0	4.0	5.0	4.0	4.4
LSD VALUE	1.3	0.9	2.4	1.0	0.9	1.1	0.2	0.8	0.9	1.0	1.6	0.7	0.7	1.2	0.8	0.7	0.7	0.7	0.5	0.4	0.2
C.V. (%)	20.1	9.0	25.9	10.1	9.0	8.2	1.8	8.5	7.7	9.3	16.5	6.0	6.2	10.4	8.6	6.2	5.7	6.1	5.3	4.6	10.0

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 7. SPRING DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	MO3	OK1	PA1	QE1	WA3	MEAN
J-1706	4.3	7.3	9.0	7.7	7.3	5.0	6.8
CALYPSO II	4.3	8.0	9.0	8.3	5.7	5.0	6.7
MARDIGRAS (ZPS-2NV)	3.7	7.0	8.3	9.0	7.7	4.7	6.7
PALMER III (LRF-94-MPRH)	3.7	8.0	8.7	7.7	6.7	5.0	6.6
IMAGINE	3.7	6.7	9.0	7.0	7.0	6.0	6.6
MB 45	4.0	7.7	8.3	7.7	7.7	4.0	6.6
SECRETARIAT (RPBD)	4.3	7.0	8.0	8.7	6.7	4.7	6.6
ACADEMY (PC-93-1)	4.3	7.3	7.3	8.0	7.0	5.0	6.5
BRIGHTSTAR	3.3	8.0	8.3	9.0	6.3	4.0	6.5
ISI-MHB	4.3	6.3	8.3	8.7	7.0	4.3	6.5
EXCEL (MB 1-5)	3.3	6.3	8.3	8.3	8.0	4.7	6.5
PENNANT II (MB 42)	4.3	7.0	8.0	8.3	7.0	4.3	6.5
BLACKHAWK (TMI-EXFLP94)	4.7	7.0	8.0	7.7	6.7	4.7	6.4
LINE DRIVE (MB 47)	3.3	8.0	7.7	8.3	6.7	4.7	6.4
OMNI	4.7	7.3	8.0	8.7	6.3	3.7	6.4
PRELUDE III (LRF-94-B6)	3.7	7.7	8.3	7.3	7.7	4.0	6.4
WIZARD (MB 41)	4.0	7.3	8.0	8.0	7.3	4.0	6.4
ELF	3.7	7.0	8.7	7.0	7.7	4.3	6.4
PASSPORT (PST-2FF)	3.7	7.3	7.7	7.7	7.7	4.3	6.4
MB 44	3.7	7.0	8.0	8.7	6.7	4.3	6.4
BRIGHTSTAR II (PST-2M3)	3.7	7.0	8.3	8.0	6.3	4.7	6.3
PRIZM	3.7	7.3	8.0	8.0	7.0	4.0	6.3
PST-2R3	3.3	7.0	8.3	8.0	7.3	4.0	6.3
SATURN II (ZPS-2ST)	3.7	7.0	7.7	7.7	7.3	4.7	6.3
PANTHER (ZPS-PR1)	4.0	7.3	8.0	7.0	7.0	4.7	6.3
ACCENT	3.7	7.7	8.0	8.3	6.0	4.0	6.3
LRF-94-C8	3.3	7.0	8.3	7.7	7.0	4.3	6.3
MAJESTY (MB 43)	3.7	6.3	8.3	7.7	7.3	4.3	6.3
OMEGA3 (ZPS-2DR-94)	3.3	7.3	8.3	7.7	6.7	4.3	6.3
CITATION III (PST-2DGR)	3.7	7.0	8.7	7.3	6.3	4.7	6.3
LEGACY II (LESCO-TWF)	3.7	7.3	7.0	8.3	7.0	4.0	6.2
RIVIERA II	4.0	7.3	7.0	7.7	7.0	4.3	6.2
WIND DANCER (MB 46)	3.3	7.7	8.7	8.3	6.0	3.3	6.2
WX3-93	3.7	7.0	8.3	7.7	7.0	3.7	6.2
PREMIER II (BAR USA 94-II)	3.7	6.3	8.0	8.0	6.7	4.7	6.2
PS-D-9	4.3	7.3	6.7	7.7	6.7	4.7	6.2
SR 4200	4.0	6.0	8.0	8.0	6.7	4.7	6.2
SR 4400 (SRX 4400)	3.7	6.3	7.3	7.3	7.7	5.0	6.2
APR 106	4.3	6.7	7.3	7.0	7.3	4.3	6.2
PEGASUS	4.3	6.7	7.7	7.0	6.3	5.0	6.2
PRECISION	3.7	8.0	7.7	7.3	6.0	4.3	6.2
WVFB 92-4	4.0	7.0	7.7	6.3	7.0	5.0	6.2
REBELL III (LRF-94-C7)	3.7	7.0	8.0	7.3	6.3	4.7	6.2
APR 066	4.0	6.3	8.0	7.7	7.3	3.3	6.1
DIVINE	3.7	5.3	8.3	8.0	7.3	4.0	6.1
ESQUIRE	4.0	6.7	8.0	7.7	6.3	4.0	6.1
CUTTER	3.7	7.7	7.3	6.7	6.7	4.7	6.1
PICK LP 102-92	3.7	7.7	7.7	7.3	6.0	4.3	6.1
WVFB-PR-C-2	4.0	7.0	7.0	7.3	6.7	4.7	6.1
ACHIEVER	4.0	7.0	6.7	7.3	6.7	4.7	6.1
EXPRESS	4.0	7.0	6.7	7.0	7.0	4.7	6.1

TABLE 7. SPRING DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
(CONT'D) 1996 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	GA1	MO3	OK1	PA1	QE1	WA3	MEAN
MORNING STAR	3.7	6.7	7.3	7.3	6.7	4.7	6.1
CATALINA (PST-GH-94)	3.3	6.7	8.3	7.7	6.0	4.3	6.1
TOP HAT	4.0	6.7	8.3	7.3	5.7	4.3	6.1
WVEB-93-KFK	4.0	6.3	7.7	6.7	7.0	4.7	6.1
CADDIESHACK (MED 5071)	3.7	7.0	8.3	7.3	5.3	4.3	6.0
HEAD START (PICK PR 84-91)	4.0	6.7	8.0	8.3	5.0	4.0	6.0
LAREDO	3.3	6.7	8.0	7.7	6.3	4.0	6.0
MANHATTAN 3	3.3	7.0	7.7	7.3	6.7	4.0	6.0
NAVAJO	3.0	6.7	7.7	7.7	6.3	4.7	6.0
NINE-O-ONE	3.3	7.0	6.7	7.0	6.7	5.3	6.0
NOBILITY	4.3	6.7	7.0	7.0	6.7	4.3	6.0
CAS-LP23	3.3	6.7	7.7	7.3	6.7	4.0	5.9
SR 4010 (SRX 4010)	3.7	6.7	8.0	7.3	5.7	4.3	5.9
STALLION SUPREME (PSI-E-1)	3.3	6.7	7.7	7.0	7.0	4.0	5.9
CHAPARRAL (PST-2DLM)	3.7	6.3	8.0	8.3	5.7	3.7	5.9
KOCS 93-6	4.0	7.0	7.0	8.0	5.3	4.3	5.9
R2 (ISI-R2)	4.0	7.3	8.0	6.7	6.0	3.7	5.9
VIVID	3.7	7.3	7.7	7.0	6.3	3.7	5.9
WIND STAR (PST-28M)	3.7	6.0	7.7	7.3	7.0	4.0	5.9
ADVANTAGE	3.0	7.0	7.7	8.0	6.0	3.7	5.9
DANCER	3.7	7.0	7.7	7.7	5.0	4.3	5.9
EDGE	3.3	6.7	7.0	6.7	6.3	5.3	5.9
MVF-4-1	4.0	6.7	7.7	7.0	5.7	4.3	5.9
STALLION SELECT	4.0	6.0	7.0	7.0	6.7	4.7	5.9
STARDANCE (PST-2FE)	3.3	6.0	9.0	6.7	6.7	3.7	5.9
TOP GUN (J-1703)	3.3	7.3	7.3	7.7	5.7	4.0	5.9
APR 131	3.7	6.7	7.3	7.3	6.3	4.0	5.9
DLP 1305	2.7	6.0	8.0	8.0	6.3	4.3	5.9
APR 124	3.7	7.3	8.0	7.0	4.3	4.7	5.8
BLAZER III (PICK 928)	3.7	6.7	8.3	8.3	4.3	3.7	5.8
FIGARO	4.0	6.0	6.7	7.3	5.7	5.3	5.8
KOCS 93-3	4.0	7.0	7.0	7.0	6.0	4.0	5.8
WILLIAMSBURG	4.0	7.0	6.7	6.3	6.7	4.3	5.8
WX3-91	3.7	6.7	8.0	7.0	5.7	4.0	5.8
SATURN	3.7	6.3	7.0	6.7	5.7	5.3	5.8
DSV NA 9401	3.7	5.3	7.3	7.0	6.3	5.0	5.8
PST-2CB	3.7	6.3	7.3	6.3	6.7	4.3	5.8
BAR ER 5813	3.3	6.0	8.7	6.3	6.7	3.3	5.7
DSV NA 9402	4.0	6.0	7.0	7.7	4.3	5.3	5.7
NIGHT HAWK	3.3	6.0	7.0	7.7	6.3	4.0	5.7
QUICKSTART	3.7	6.3	7.0	6.7	6.7	4.0	5.7
ASSURE	3.7	6.3	7.3	6.3	6.0	4.7	5.7
PENNFINE	3.7	6.3	6.3	5.7	7.0	4.0	5.5
ROADRUNNER (PST-2ET)	3.0	7.3	7.0	6.0	4.7	4.0	5.3
LINN	3.7	4.7	4.0	4.7	5.0	3.3	4.2
LSD VALUE	1.2	1.5	1.1	1.2	2.9	0.9	0.7
C.V. (%)	19.6	14.1	8.9	9.9	27.8	12.8	16.4

- 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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 8. SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	MO1	MO3	OK1	QE1	WA3	MEAN
TOP HAT	3.0	7.3	4.7	8.3	8.0	7.7	6.5
CUTTER	3.0	7.0	5.3	7.3	8.3	7.7	6.4
ISI-MHB	3.0	6.7	4.7	8.0	8.7	7.7	6.4
MARDIGRAS (ZPS-2NV)	3.0	6.3	5.0	8.0	8.7	7.3	6.4
R2 (ISI-R2)	3.3	7.0	5.3	7.3	7.7	7.7	6.4
REPELL III (LRF-94-C7)	3.3	7.0	5.3	7.7	8.0	7.0	6.4
VIVID	3.3	6.0	5.3	8.3	8.0	7.3	6.4
BRIGHTSTAR	3.0	6.0	6.0	9.0	7.3	7.0	6.4
ACADEMY (PC-93-1)	3.0	6.0	5.3	8.7	8.0	7.0	6.3
MANHATTAN 3	3.3	6.3	5.0	8.0	8.0	7.3	6.3
MORNING STAR	3.3	7.0	4.7	8.0	8.0	7.0	6.3
SR 4400 (SRX 4400)	3.3	5.7	4.7	8.7	8.7	7.0	6.3
WIZARD (MB 41)	3.3	6.3	5.0	7.3	8.7	7.3	6.3
WVFB 92-4	2.7	6.3	5.0	8.0	8.7	7.3	6.3
SATURN	3.5	7.0	4.0	8.0	8.0	7.3	6.3
CALYPSO II	3.0	6.0	5.7	7.0	8.0	8.0	6.3
LINE DRIVE (MB 47)	3.3	6.0	6.0	8.0	7.3	7.0	6.3
OMEGA3 (ZPS-2DR-94)	3.0	6.0	5.3	7.7	8.3	7.3	6.3
PALMER III (LRF-94-MPRH)	3.0	5.7	6.0	6.7	8.3	8.0	6.3
PRIZM	2.0	6.7	5.3	8.3	8.0	7.3	6.3
BLACKHAWK (TMI-EXFLP94)	3.0	6.3	5.0	8.3	7.7	7.3	6.3
QUICKSTART	3.3	6.3	5.0	8.3	8.0	6.7	6.3
HEAD START (PICK PR 84-91)	3.0	7.0	4.7	7.7	7.7	7.3	6.2
KOCS 93-3	3.3	6.7	5.3	6.7	8.0	7.3	6.2
MB 44	3.0	6.3	4.7	8.0	8.0	7.3	6.2
PANTHER (ZPS-PR1)	3.3	6.0	5.3	7.0	8.3	7.3	6.2
PICK LP 102-92	3.3	6.7	5.7	7.0	7.7	7.0	6.2
PRELUDE III (LRF-94-B6)	2.7	5.7	5.3	8.0	8.7	7.0	6.2
RIVIERA II	3.0	6.7	5.0	7.3	8.0	7.3	6.2
SECRETARIAT (RPBD)	3.3	6.0	5.0	7.3	8.3	7.3	6.2
WX3-93	3.0	6.7	4.7	8.0	8.0	7.0	6.2
EXCEL (MB 1-5)	3.3	6.0	4.0	7.7	8.7	7.7	6.2
MB 45	3.0	6.3	5.3	7.3	8.3	7.0	6.2
SATURN II (ZPS-2ST)	3.0	6.0	5.3	8.0	8.0	7.0	6.2
SR 4200	3.0	6.3	4.3	7.7	8.3	7.7	6.2
PENNANT II (MB 42)	3.3	6.7	4.7	6.7	8.3	7.3	6.2
ACHIEVER	3.0	6.3	5.3	7.7	8.0	6.7	6.2
APR 106	3.3	5.7	4.7	7.3	8.0	8.0	6.2
BRIGHTSTAR II (PST-2M3)	3.0	6.0	5.0	8.0	7.7	7.3	6.2
DIVINE	3.0	6.3	4.0	7.7	8.0	8.0	6.2
J-1706	3.0	6.0	5.0	7.3	8.3	7.3	6.2
KOCS 93-6	3.3	6.0	5.3	7.7	7.7	7.0	6.2
PS-D-9	3.0	6.0	5.3	7.7	8.0	7.0	6.2
PST-2R3	3.0	5.7	5.0	8.0	8.7	6.7	6.2
STALLION SUPREME (PSI-E-1)	3.0	5.7	5.0	8.0	8.3	7.0	6.2
WIND STAR (PST-28M)	3.3	6.3	4.0	7.7	8.3	7.3	6.2
EDGE	3.3	6.3	5.3	6.7	8.0	7.0	6.1
ELF	3.0	6.0	4.3	7.7	8.3	7.3	6.1
NOBILITY	3.0	6.3	4.7	7.7	8.0	7.0	6.1
PRECISION	3.0	5.7	6.3	6.7	7.7	7.3	6.1
TOP GUN (J-1703)	3.0	6.7	5.3	7.7	7.7	6.3	6.1

TABLE 8. SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	GA1	MO1	MO3	OK1	QE1	WA3	MEAN
APR 066	3.3	5.7	4.7	8.0	8.3	6.7	6.1
IMAGINE	3.3	5.3	4.7	8.0	7.7	7.7	6.1
LRF-94-C8	3.0	6.7	5.0	7.3	8.0	6.7	6.1
MAJESTY (MB 43)	3.0	5.7	4.7	7.3	8.3	7.7	6.1
MVF-4-1	3.0	6.3	5.0	7.0	8.0	7.3	6.1
PENNFINE	3.3	7.3	4.3	7.7	8.3	5.7	6.1
ROADRUNNER (PST-2ET)	3.0	5.3	5.3	8.3	7.3	7.3	6.1
ACCENT	3.0	6.7	4.7	8.0	7.3	6.7	6.1
CADDIESHACK (MED 5071)	3.3	6.3	4.7	7.0	7.7	7.3	6.1
LAREDO	2.7	6.3	4.7	8.0	7.7	7.0	6.1
WILLIAMSBURG	3.0	6.0	4.7	7.3	8.0	7.3	6.1
WVEB-93-KFK	3.0	6.3	4.7	7.7	8.3	6.3	6.1
PREMIER II (BAR USA 94-II)	3.0	6.3	4.3	6.7	8.0	8.0	6.1
APR 124	3.0	6.3	5.3	6.7	7.0	7.7	6.0
ASSURE	3.0	5.7	4.3	8.0	7.7	7.3	6.0
BAR ER 5813	3.0	6.0	4.3	8.0	8.0	6.7	6.0
CAS-LP23	3.0	5.7	4.7	7.3	8.0	7.3	6.0
CHAPARRAL (PST-2DLM)	3.0	5.3	4.3	8.3	7.7	7.3	6.0
CITATION III (PST-2DGR)	3.0	5.0	4.7	8.0	7.7	7.7	6.0
EXPRESS	3.3	6.7	5.0	5.7	8.3	7.0	6.0
NIGHT HAWK	3.0	5.7	4.3	7.7	8.3	7.0	6.0
NINE-O-ONE	3.0	5.7	5.0	7.0	8.0	7.3	6.0
OMNI	3.0	5.3	5.0	7.7	7.7	7.3	6.0
PEGASUS	3.3	6.0	4.7	7.7	7.7	6.7	6.0
STALLION SELECT	3.0	6.3	4.0	8.0	7.7	7.0	6.0
WIND DANCER (MB 46)	3.3	5.3	5.3	7.3	7.7	7.0	6.0
WX3-91	3.3	6.0	4.7	7.3	7.7	7.0	6.0
APR 131	3.3	5.7	4.7	7.7	7.3	7.0	5.9
DLP 1305	3.3	6.0	4.0	7.3	8.0	7.0	5.9
ESQUIRE	3.7	6.0	4.3	7.7	7.7	6.3	5.9
WVEB-PR-C-2	3.0	5.7	5.0	7.0	8.0	7.0	5.9
ADVANTAGE	3.0	5.3	5.3	7.3	7.7	7.0	5.9
PASSPORT (PST-2FF)	3.0	5.3	5.0	7.0	8.3	7.0	5.9
BLAZER III (PICK 928)	3.0	6.3	4.7	7.0	7.0	7.3	5.9
NAVAJO	3.0	5.7	4.7	7.3	8.3	6.3	5.9
PST-2CB	3.0	6.7	4.3	6.7	8.0	6.7	5.9
STARDANCE (PST-2FE)	3.3	4.7	4.0	8.3	8.3	6.3	5.8
DANCER	3.3	5.7	5.0	6.7	7.7	6.7	5.8
LEGACY II (LESCO-TWF)	2.7	5.7	4.7	7.0	8.3	6.7	5.8
SR 4010 (SRX 4010)	2.0	6.3	4.7	7.3	7.7	7.0	5.8
DSV NA 9402	3.0	5.7	4.3	7.0	7.7	7.0	5.8
FIGARO	3.5	5.7	4.0	7.3	7.3	6.7	5.8
CATALINA (PST-GH-94)	2.0	6.0	4.7	7.0	7.7	7.0	5.7
DSV NA 9401	3.0	6.3	3.7	6.3	7.7	6.3	5.6
LINN	3.0	5.7	3.3	4.7	7.3	5.0	4.8
LSD VALUE	0.9	1.4	1.4	1.8	1.5	0.9	0.6
C.V. (%)	17.7	13.8	18.1	14.9	11.8	7.9	13.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 9. FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	IL1	MO3	OK1	PA1	QE1	WA3	MEAN
BRIGHTSTAR	6.7	9.0	9.0	8.7	6.3	7.0	7.8
PRIZM	6.3	8.3	8.3	8.7	7.0	7.0	7.6
PALMER III (LRF-94-MPRH)	6.3	9.0	6.7	9.0	6.7	7.7	7.6
BRIGHTSTAR II (PST-2M3)	6.3	8.3	8.0	8.3	5.7	8.0	7.4
J-1706	6.7	8.7	7.3	8.7	6.3	7.0	7.4
PANTHER (ZPS-PR1)	7.0	8.7	7.0	8.0	6.3	7.7	7.4
BLACKHAWK (TMI-EXFLP94)	6.7	8.3	8.3	7.7	6.3	7.0	7.4
ISI-MHB	6.3	7.7	8.0	8.3	6.3	7.7	7.4
MB 45	6.7	8.3	7.3	7.3	7.3	7.3	7.4
SR 4400 (SRX 4400)	7.0	8.0	8.7	7.7	7.3	5.7	7.4
SR 4200	6.7	7.7	7.7	8.0	6.7	7.3	7.3
ACADEMY (PC-93-1)	6.7	8.7	8.7	7.7	5.7	6.3	7.3
IMAGINE	6.7	7.7	8.0	7.3	6.0	8.0	7.3
MARDIGRAS (ZPS-2NV)	5.7	8.0	8.0	8.7	6.3	7.0	7.3
EXCEL (MB 1-5)	6.3	7.0	7.7	8.0	7.7	7.0	7.3
MB 44	6.7	8.0	8.0	8.3	6.0	6.7	7.3
OMNI	6.3	8.7	7.7	7.7	6.0	7.0	7.2
PST-2R3	6.7	8.3	8.0	8.3	6.3	5.7	7.2
LINE DRIVE (MB 47)	6.3	9.0	8.0	8.0	6.0	6.0	7.2
SATURN II (ZPS-2ST)	6.3	8.7	8.0	7.3	6.3	6.7	7.2
WX3-93	6.3	8.0	8.0	7.7	6.7	6.7	7.2
OMEGA3 (ZPS-2DR-94)	6.3	8.3	7.7	7.7	6.7	6.3	7.2
MAJESTY (MB 43)	6.7	7.7	7.3	8.0	6.3	7.0	7.2
PASSPORT (PST-2FF)	6.0	9.0	7.0	7.0	7.3	6.7	7.2
PREMIER II (BAR USA 94-II)	6.3	8.0	6.7	8.0	6.7	7.3	7.2
PS-D-9	6.3	8.7	7.7	7.0	6.3	7.0	7.2
TOP HAT	6.7	7.7	8.3	8.0	5.7	6.7	7.2
CALYPSO II	6.7	8.0	7.0	8.3	5.3	7.3	7.1
LAREDO	6.3	8.3	8.0	7.0	5.7	7.3	7.1
MORNING STAR	6.3	8.0	8.0	7.7	6.3	6.3	7.1
ACHIEVER	6.3	8.0	7.7	7.3	6.7	6.7	7.1
NOBILITY	6.0	8.0	7.7	7.3	6.7	7.0	7.1
SECRETARIAT (RPBD)	6.3	8.0	7.3	8.0	6.0	7.0	7.1
WIZARD (MB 41)	6.3	8.0	7.3	8.0	6.3	6.7	7.1
WVEB 92-4	6.0	8.0	8.0	7.7	6.3	6.7	7.1
LRF-94-C8	6.3	8.7	7.3	7.3	6.7	6.0	7.1
PENNANT II (MB 42)	6.3	8.0	6.7	7.3	6.3	7.7	7.1
RIVIERA II	6.3	7.7	7.3	8.0	6.3	6.7	7.1
TOP GUN (J-1703)	5.7	8.3	7.7	8.7	5.3	6.3	7.0
CAS-LP23	6.0	8.0	7.3	7.7	6.7	6.3	7.0
ELF	6.3	7.0	7.7	7.3	6.3	7.3	7.0
MANHATTAN 3	6.3	8.0	8.0	7.7	5.7	6.3	7.0
NIGHT HAWK	6.0	7.3	7.7	7.3	6.3	7.3	7.0
NINE-O-ONE	6.0	8.0	7.0	7.3	6.3	7.3	7.0
CATALINA (PST-GH-94)	6.3	8.3	7.0	8.7	5.7	6.0	7.0
WIND DANCER (MB 46)	6.7	7.7	7.3	8.3	6.0	6.0	7.0
WIND STAR (PST-28M)	6.3	7.0	7.7	8.0	6.3	6.7	7.0
WVEB-93-KFK	6.0	8.3	7.7	7.0	6.3	6.7	7.0
CUTTER	6.3	8.3	7.3	7.7	6.0	6.0	6.9
PICK LP 102-92	6.3	8.7	7.0	8.0	5.3	6.3	6.9
PRELUDE III (LRF-94-B6)	6.0	8.3	8.0	7.3	6.0	6.0	6.9

TABLE 9. FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
(CONT'D) 1996 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	IL1	MO3	OK1	PA1	QE1	WA3	MEAN
REPELL III (LRF-94-C7)	5.7	8.0	7.7	7.0	6.3	7.0	6.9
ACCENT	6.0	7.7	8.0	7.3	6.0	6.7	6.9
APR 131	6.0	8.0	7.7	7.7	6.7	5.3	6.9
ASSURE	6.0	7.7	8.0	7.7	5.3	6.7	6.9
CADDIESHACK (MED 5071)	6.0	8.3	7.0	8.0	5.3	6.7	6.9
CHAPARRAL (PST-2DLM)	6.3	7.7	8.3	7.7	5.3	6.0	6.9
HEAD START (PICK PR 84-91)	5.7	7.7	7.7	8.0	5.3	7.0	6.9
MVF-4-1	6.7	8.0	7.0	7.3	5.3	7.0	6.9
PEGASUS	6.3	7.3	7.7	7.7	6.0	6.3	6.9
PRECISION	6.0	8.0	6.7	7.7	6.3	6.7	6.9
APR 106	6.0	7.7	7.3	6.3	7.0	7.0	6.9
CITATION III (PST-2DGR)	5.3	8.0	8.0	7.7	5.7	6.7	6.9
QUICKSTART	6.7	7.3	8.3	7.3	6.0	5.3	6.8
APR 066	6.3	7.3	8.0	7.0	7.0	5.3	6.8
LEGACY II (LESCO-TWF)	6.7	8.7	7.0	7.7	6.0	5.0	6.8
NAVAJO	6.0	7.7	7.3	8.0	6.0	6.0	6.8
STALLION SELECT	5.7	7.3	8.0	7.3	6.3	6.3	6.8
WILLIAMSBURG	6.3	7.7	7.3	7.3	6.0	6.3	6.8
BAR ER 5813	5.7	7.0	8.0	7.7	6.0	6.3	6.8
KOCS 93-3	6.0	7.7	6.7	7.7	5.3	7.3	6.8
STALLION SUPREME (PSI-E-1)	6.0	7.7	8.0	7.0	6.0	6.0	6.8
KOCS 93-6	6.3	7.3	7.7	7.3	5.0	7.0	6.8
R2 (ISI-R2)	6.0	8.0	7.3	8.0	5.3	6.0	6.8
STARDANCE (PST-2FE)	6.3	7.0	8.3	7.3	6.0	5.7	6.8
ADVANTAGE	6.0	8.3	7.3	7.7	5.3	5.7	6.7
ESQUIRE	6.0	7.0	7.7	7.3	6.3	6.0	6.7
WX3-91	6.0	8.0	7.3	7.3	5.3	6.3	6.7
EDGE	6.3	7.7	6.7	7.0	6.0	6.3	6.7
SATURN	6.0	6.7	8.0	7.7	5.3	6.3	6.7
DIVINE	5.7	6.0	7.7	8.0	7.0	5.7	6.7
VIVID	5.7	7.3	8.3	7.0	6.0	5.7	6.7
BLAZER III (PICK 928)	6.7	7.3	7.0	7.7	4.7	6.3	6.6
EXPRESS	5.7	8.0	5.7	7.7	7.3	5.3	6.6
WVFB-PR-C-2	6.0	7.7	7.0	6.7	6.0	6.3	6.6
DLP 1305	5.0	7.3	7.3	7.3	5.7	7.0	6.6
SR 4010 (SRX 4010)	6.0	7.7	7.3	7.0	5.7	6.0	6.6
ROADRUNNER (PST-2ET)	5.7	8.0	8.3	7.3	4.7	5.3	6.6
PST-2CB	5.3	7.3	6.7	7.7	5.7	6.3	6.5
DANCER	6.3	7.0	6.7	7.7	5.0	6.0	6.4
DSV NA 9402	5.7	7.7	7.0	7.7	4.0	6.7	6.4
APR 124	5.0	7.7	6.7	7.0	5.0	6.7	6.3
DSV NA 9401	5.7	6.3	6.3	7.0	6.0	6.7	6.3
FIGARO	5.0	6.7	7.3	6.7	5.7	6.3	6.3
PENNFINE	4.7	7.0	7.7	6.3	6.0	6.0	6.3
LINN	3.3	4.3	4.7	6.3	4.7	4.0	4.6
LSD VALUE	1.1	1.6	1.8	1.2	1.8	1.0	0.6
C.V. (%)	11.0	12.8	14.9	9.7	18.6	9.4	13.0

- 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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 10. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	GA1	ME1	MO3	OK1	UB2	WA3	MEAN
WVPB-93-KFK	73.3	78.3	76.7	99.0	97.3	96.3	46.7	81.1
ASSURE	68.3	73.3	83.3	99.0	98.0	98.3	46.7	81.0
SR 4400 (SRX 4400)	68.3	75.0	75.0	99.0	98.0	95.7	48.3	79.9
SATURN	78.3	73.3	78.3	86.0	97.7	88.3	51.7	79.1
ACHIEVER	70.0	75.0	75.0	94.3	95.7	96.7	46.7	79.0
STALLION SUPREME (PSI-E-1)	73.3	73.3	70.0	99.0	98.3	97.3	40.0	78.8
MB 44	86.7	70.0	58.3	99.0	99.0	97.7	40.0	78.7
PALMER III (LRF-94-MPRH)	46.7	75.0	85.0	99.0	98.7	98.0	48.3	78.7
NOBILITY	61.7	78.3	70.0	99.0	98.0	97.0	43.3	78.2
CAS-LP23	78.3	71.7	78.3	89.3	99.0	90.0	40.0	78.1
RIVIERA II	56.7	76.7	75.0	99.0	99.0	96.7	43.3	78.0
SECRETARIAT (RPBD)	53.3	80.0	73.3	99.0	99.0	96.7	45.0	78.0
WILLIAMSBURG	53.3	76.7	76.7	99.0	98.3	96.7	43.3	77.7
CATALINA (PST-GH-94)	63.3	71.7	73.3	94.3	99.0	97.3	43.3	77.5
WVPB 92-4	45.0	75.0	78.3	99.0	98.7	95.3	50.0	77.3
LRF-94-C8	61.7	68.3	75.0	99.0	99.0	96.0	41.7	77.2
MORNING STAR	58.3	68.3	71.7	99.0	97.7	96.7	46.7	76.9
OMNI	53.3	80.0	75.0	99.0	98.3	95.7	36.7	76.9
SR 4010 (SRX 4010)	48.3	85.0	68.3	96.0	98.0	98.7	43.3	76.8
TOP HAT	48.3	78.3	73.3	99.0	98.7	96.7	43.3	76.8
PENNANT II (MB 42)	63.3	78.3	58.3	96.0	98.3	99.0	43.3	76.7
ACCENT	65.0	66.7	68.3	99.0	99.0	98.0	40.0	76.6
MAJESTY (MB 43)	60.0	70.0	66.7	99.0	98.0	98.7	43.3	76.5
STALLION SELECT	48.3	75.0	76.7	99.0	98.3	91.7	46.7	76.5
MVF-4-1	46.7	81.7	70.0	97.7	97.7	96.3	43.3	76.2
ACADEMY (PC-93-1)	36.7	85.0	70.0	96.0	96.3	97.3	50.0	75.9
PICK LP 102-92	56.7	70.0	65.0	99.0	99.0	98.3	43.3	75.9
SR 4200	41.7	75.0	78.3	99.0	98.3	93.3	45.0	75.8
PASSPORT (PST-2FF)	48.3	78.3	68.3	99.0	96.0	97.0	43.3	75.8
CADDIESHACK (MED 5071)	53.3	68.3	70.0	97.7	99.0	98.3	43.3	75.7
TOP GUN (J-1703)	53.3	66.7	80.0	99.0	96.7	95.7	38.3	75.7
PANTHER (ZPS-PR1)	36.7	76.7	78.3	99.0	98.0	94.3	46.7	75.7
ESQUIRE	51.7	75.0	76.7	99.0	96.3	90.0	40.0	75.5
WVPB-PR-C-2	38.3	81.7	76.7	99.0	97.7	88.3	46.7	75.5
KOOS 93-3	50.0	75.0	71.7	99.0	98.0	92.3	40.0	75.1
CUTTER	43.3	78.3	68.3	97.7	96.7	92.7	46.7	74.8
EXPRESS	38.3	73.3	76.7	99.0	96.0	91.0	46.7	74.4
J-1706	36.7	75.0	70.0	97.7	96.0	95.7	50.0	74.4
CALYPSO II	41.7	70.0	63.3	99.0	99.0	97.3	50.0	74.3
QUICKSTART	50.0	78.3	61.7	94.3	97.7	98.3	40.0	74.3
PRELUDE III (LRF-94-B6)	43.3	68.3	75.0	99.0	98.7	97.0	38.3	74.2
REPELL III (LRF-94-C7)	26.7	75.0	76.7	99.0	98.3	97.0	46.7	74.2
PREMIER II (BAR USA 94-II)	38.3	75.0	65.0	99.0	98.7	97.7	43.3	73.9
IMAGINE	21.7	75.0	70.0	99.0	98.0	93.3	60.0	73.9
NINE-O-ONE	56.7	61.7	53.3	99.0	98.0	93.3	53.3	73.6
WIZARD (MB 41)	36.7	78.3	68.3	94.3	98.7	98.3	40.0	73.5
WIND STAR (PST-28M)	33.3	76.7	73.3	99.0	96.7	95.0	40.0	73.4
EDGE	36.7	73.3	61.7	99.0	96.0	93.3	53.3	73.3
PEGASUS	50.0	81.7	68.3	76.7	98.7	86.7	50.0	73.1
APR 106	36.7	78.3	63.3	97.7	96.0	96.3	43.3	73.1
BRIGHTSTAR II (PST-2M3)	41.7	70.0	60.0	99.0	97.7	97.7	45.0	73.0
NIGHT HAWK	50.0	71.7	68.3	94.3	98.3	88.3	40.0	73.0

TABLE 10. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS
(CONT'D) 1996 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS

NAME	AR1	GA1	ME1	MO3	OK1	UB2	WA3	MEAN
PST-2R3	26.7	78.3	75.0	99.0	96.7	95.0	40.0	73.0
LINE DRIVE (MB 47)	38.3	71.7	58.3	99.0	99.0	97.3	46.7	72.9
PS-D-9	30.0	75.0	63.3	99.0	99.0	98.3	45.0	72.8
DANCER	35.0	71.7	78.3	97.7	95.3	88.3	41.7	72.6
BLACKHAWK (TMI-EXFLP94)	36.7	80.0	50.0	99.0	99.0	96.3	46.7	72.5
VIVID	46.7	80.0	60.0	99.0	94.0	91.3	36.7	72.5
BRIGHTSTAR	40.0	66.7	70.0	96.0	97.7	96.7	40.0	72.4
ISI-MHB	25.0	68.3	76.7	99.0	98.7	95.0	43.3	72.3
R2 (ISI-R2)	33.3	73.3	75.0	92.7	98.7	95.7	36.7	72.2
PST-2CB	33.3	73.3	70.0	89.7	98.3	96.3	43.3	72.0
PRIZM	38.3	75.0	56.7	99.0	96.0	99.0	40.0	72.0
CITATION III (PST-2DGR)	23.3	73.3	66.7	97.7	98.0	97.0	46.7	71.8
MARDIGRAS (ZPS-2NV)	26.7	73.3	80.0	86.0	96.3	92.3	46.7	71.6
CHAPARRAL (PST-2DLM)	38.3	73.3	73.3	87.7	98.0	92.7	36.7	71.4
HEAD START (PICK PR 84-91)	21.7	71.7	71.7	99.0	99.0	97.0	40.0	71.4
KOOS 93-6	21.7	78.3	66.7	91.0	98.3	97.0	43.3	70.9
MB 45	28.3	68.3	68.3	91.0	98.7	97.7	40.0	70.3
BAR ER 5813	53.3	73.3	78.3	61.7	98.0	94.0	33.3	70.3
OMEGA3 (ZPS-2DR-94)	21.7	76.7	66.7	92.7	95.3	95.7	43.3	70.3
ELF	30.0	73.3	68.3	93.0	94.7	88.3	43.3	70.1
WX3-91	26.7	78.3	63.3	99.0	94.7	86.7	38.3	69.6
BLAZER III (PICK 928)	20.0	70.0	68.3	99.0	98.7	92.7	36.7	69.3
APR 124	26.7	70.0	58.3	90.0	96.7	96.7	46.7	69.3
APR 066	23.7	76.7	61.7	99.0	95.7	92.3	33.3	68.9
LAREDO	8.7	70.0	71.7	99.0	98.3	96.3	38.3	68.9
APR 131	20.0	76.7	50.0	99.0	97.0	98.3	40.0	68.7
PRECISION	15.0	75.0	53.3	97.7	97.7	96.7	43.3	68.4
WX3-93	30.0	73.3	60.0	99.0	93.0	88.3	35.0	68.4
ROADRUNNER (PST-2ET)	31.7	75.0	50.0	99.0	98.0	98.0	26.7	68.3
LEGACY II (LESCO-TWF)	25.0	66.7	60.0	99.0	95.0	94.0	38.3	68.3
EXCEL (MB 1-5)	33.3	73.3	65.0	71.7	97.7	93.3	43.3	68.2
SATURN II (ZPS-2ST)	31.7	66.7	56.7	82.7	96.0	98.7	45.0	68.2
DSV NA 9402	41.7	73.3	60.0	86.0	73.3	86.7	53.3	67.8
DIVINE	18.3	73.3	66.7	79.3	98.3	98.7	38.3	67.6
DSV NA 9401	36.7	78.3	60.0	86.7	72.3	86.7	50.0	67.2
ADVANTAGE	20.0	65.0	58.3	99.0	95.0	93.3	35.0	66.5
WIND DANCER (MB 46)	40.0	68.3	45.0	79.7	98.7	98.0	33.3	66.1
MANHATTAN 3	11.7	78.3	45.0	91.0	98.0	98.0	40.0	66.0
NAVAJO	20.0	65.0	56.7	89.3	95.7	88.3	46.7	66.0
PENNFINE	56.7	70.0	71.7	69.7	96.0	53.3	40.0	65.3
FIGARO	33.3	73.3	76.7	89.3	75.0	46.7	53.3	64.0
STARDANCE (PST-2FE)	20.0	61.7	60.0	69.7	92.7	96.0	35.0	62.1
DLP 1305	21.7	68.3	65.0	45.0	93.7	41.7	43.3	54.1
LINN	3.7	78.3	25.0	33.3	73.0	35.0	33.3	40.2
LSD VALUE	38.3	13.0	24.4	17.3	12.4	7.7	9.7	7.6
C.V. (%)	58.0	11.0	22.4	11.5	8.0	5.1	14.0	17.2

- 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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 11.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MO3	OK1	WA3	MEAN	NAME	MO3	OK1	WA3	MEAN
ACHIEVER	97.7	97.0	88.3	94.3	CHAPARRAL (PST-2DLM)	86.7	91.0	91.7	89.8
CALYPSO II	94.3	92.7	91.7	92.9	CITATION III (PST-2DGR)	86.7	92.7	90.0	89.8
BRIGHTSTAR	96.3	93.7	88.3	92.8	LINE DRIVE (MB 47)	91.7	92.7	85.0	89.8
EDGE	97.7	92.3	88.3	92.8	MAJESTY (MB 43)	86.7	94.3	88.3	89.8
NOBILITY	94.7	95.3	88.3	92.8	WIND STAR (PST-28M)	90.0	90.3	88.3	89.6
PANTHER (ZPS-PR1)	94.7	92.7	90.0	92.4	PST-2R3	91.3	92.0	85.0	89.4
SR 4200	95.0	95.7	86.7	92.4	WX3-93	90.0	93.3	85.0	89.4
STALLION SUPREME (PSI-E-1)	95.0	95.0	86.7	92.2	BLAZER III (PICK 928)	86.7	93.0	88.3	89.3
WILLIAMSBURG	95.0	96.3	85.0	92.1	NAVAJO	93.0	89.0	85.0	89.0
WVPB 92-4	91.7	97.7	86.7	92.0	PENNANT II (MB 42)	86.7	92.0	88.3	89.0
MORNING STAR	93.0	96.0	86.7	91.9	CUTTER	85.0	95.0	86.7	88.9
STALLION SELECT	93.0	97.7	85.0	91.9	CADDIESHACK (MED 5071)	90.0	89.3	86.7	88.7
PALMER III (LRF-94-MPRH)	93.3	92.0	90.0	91.8	WX3-91	85.0	94.3	86.7	88.7
TOP GUN (J-1703)	99.0	93.0	83.3	91.8	CAS-LP23	86.7	94.0	85.0	88.6
BLACKHAWK (TMI-EXFLP94)	93.3	96.7	85.0	91.7	PRELUDE III (LRF-94-B6)	86.7	93.7	85.0	88.4
PS-D-9	94.7	95.3	85.0	91.7	ACADEMY (PC-93-1)	81.7	96.3	86.7	88.2
SR 4400 (SRX 4400)	91.7	96.7	86.7	91.7	MVF-4-1	88.3	91.3	85.0	88.2
PASSPORT (PST-2FF)	93.3	94.7	86.7	91.6	MARDIGRAS (ZPS-2NV)	81.3	92.7	90.0	88.0
ESQUIRE	93.3	93.7	86.7	91.2	PRECISION	83.3	94.0	86.7	88.0
WIZARD (MB 41)	93.0	93.7	86.7	91.1	DANCER	90.0	87.0	86.7	87.9
OMNI	91.3	95.3	86.7	91.1	OMEGA3 (ZPS-2DR-94)	81.7	91.3	90.0	87.7
EXPRESS	93.0	93.3	86.7	91.0	ADVANTAGE	88.3	90.3	83.3	87.3
KOOS 93-6	91.7	94.7	86.7	91.0	SR 4010 (SRX 4010)	81.7	95.3	85.0	87.3
PREMIER II (BAR USA 94-II)	88.0	95.0	90.0	91.0	SATURN II (ZPS-2ST)	80.0	95.0	86.7	87.2
CATALINA (PST-GH-94)	93.0	91.7	88.3	91.0	KOOS 93-3	80.0	94.7	86.7	87.1
IMAGINE	88.3	92.7	91.7	90.9	MANHATTAN 3	81.7	90.0	86.7	86.1
RIVIERA II	90.0	96.0	86.7	90.9	LAREDO	75.0	94.7	88.3	86.0
BRIGHTSTAR II (PST-2M3)	93.3	90.7	88.3	90.8	PST-2CB	78.3	94.7	85.0	86.0
APR 066	91.7	95.3	85.0	90.7	PEGASUS	78.3	94.3	85.0	85.9
APR 106	90.0	93.7	88.3	90.7	NIGHT HAWK	76.7	95.0	85.0	85.6
TOP HAT	90.0	92.0	90.0	90.7	R2 (ISI-R2)	79.7	90.3	86.7	85.6
APR 131	89.7	95.3	86.7	90.6	ELF	80.0	88.0	88.3	85.4
MB 44	88.3	93.3	90.0	90.6	NINE-O-ONE	80.0	89.0	86.7	85.2
PICK LP 102-92	91.3	95.3	85.0	90.6	SATURN	75.0	93.0	86.7	84.9
ISI-MHB	91.7	91.3	88.3	90.4	LEGACY II (LESCO-TWF)	80.0	90.7	83.3	84.7
VIVID	93.3	94.7	83.3	90.4	DIVINE	71.7	96.3	85.0	84.3
SECRETARIAT (RPBD)	85.0	94.3	91.7	90.3	EXCEL (MB 1-5)	65.0	93.3	91.7	83.3
WVPB-93-KEK	91.7	94.3	85.0	90.3	DSV NA 9401	81.7	84.0	83.3	83.0
ASSURE	88.0	96.0	86.7	90.2	DSV NA 9402	76.3	89.0	83.3	82.9
REPELL III (LRF-94-C7)	91.7	90.7	88.3	90.2	FIGARO	81.7	70.0	85.0	78.9
LRF-94-C8	93.3	92.3	85.0	90.2	WIND DANCER (MB 46)	55.0	93.0	86.7	78.2
J-1706	89.7	90.7	90.0	90.1	PENNFINE	58.3	87.3	80.0	75.2
WVPB-PR-C-2	95.0	90.3	85.0	90.1	BAR ER 5813	40.0	97.3	86.7	74.7
ACCENT	89.7	95.3	85.0	90.0	STARDANCE (PST-2FE)	48.3	88.7	83.3	73.4
APR 124	88.3	93.3	88.3	90.0	DLP 1305	23.3	90.7	85.0	66.3
MB 45	86.7	93.3	90.0	90.0	LINN	23.3	77.0	80.0	60.1
PRIZM	90.0	91.7	88.3	90.0					
QUICKSTART	88.3	96.7	85.0	90.0	LSD VALUE	20.8	9.3	3.9	7.7
HEAD START (PICK PR 84-91)	88.3	94.7	86.7	89.9					
ROADRUNNER (PST-2ET)	88.3	94.7	86.7	89.9	C.V. (%)	15.2	6.2	2.8	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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 12.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	MO3	OK1	QE1	WA3	MEAN	NAME	AR1	MO3	OK1	QE1	WA3	MEAN
SR 4400 (SRX 4400)	93.0	96.0	96.0	97.7	56.7	87.9	SATURN	90.0	81.3	90.0	80.0	63.3	80.9
MAJESTY (MB 43)	91.3	99.0	89.0	90.0	70.0	87.9	CATALINA (PST-GH-94)	91.3	86.0	83.3	83.3	60.0	80.8
KOOS 93-3	86.7	94.3	93.7	89.7	73.3	87.5	REPELL III (LRF-94-C7)	66.7	96.0	87.0	83.3	70.0	80.6
WVPB-93-KFK	88.3	99.0	89.0	93.0	66.7	87.2	ESQUIRE	68.3	96.0	93.0	85.0	60.0	80.5
NOBILITY	83.3	99.0	91.7	90.0	70.0	86.8	PRIZM	55.0	96.0	86.3	91.7	70.0	79.8
PENNANT II (MB 42)	93.3	88.0	87.3	88.0	76.7	86.7	PEGASUS	81.7	75.0	92.0	86.3	63.3	79.7
MB 45	78.3	94.3	88.7	96.0	73.3	86.1	PICK LP 102-92	60.0	96.0	92.3	84.3	63.3	79.2
MORNING STAR	85.0	96.0	95.0	89.7	63.3	85.8	ROADRUNNER (PST-2ET)	83.3	97.7	83.3	76.3	53.3	78.8
PREMIER II (BAR USA 94-II)	80.0	93.0	90.0	91.7	73.3	85.6	WX3-93	41.7	97.7	93.0	93.0	66.7	78.4
ACADEMY (PC-93-1)	80.0	96.0	97.0	91.3	63.3	85.5	EXPRESS	55.0	99.0	90.3	93.0	53.3	78.1
BRIGHTSTAR II (PST-2M3)	80.0	99.0	82.7	85.0	80.0	85.3	CITATION III (PST-2DGR)	53.3	97.7	87.7	84.7	66.7	78.0
SECRETARIAT (RPBD)	86.7	97.7	89.0	83.0	70.0	85.3	CADDIESHACK (MED 5071)	63.3	97.7	81.0	81.3	66.7	78.0
STALLION SELECT	80.0	97.7	97.3	88.0	63.3	85.3	SR 4010 (SRX 4010)	61.7	94.3	94.0	79.7	60.0	77.9
PS-D-9	76.7	99.0	90.7	89.7	70.0	85.2	HEAD START (PICK PR 84-91)	56.7	89.7	91.0	81.7	70.0	77.8
WVPB 92-4	66.7	96.0	97.3	97.7	66.7	84.9	DSV NA 9401	46.7	91.7	90.7	89.7	66.7	77.1
ACCENT	85.0	96.0	93.3	81.7	66.7	84.5	EXCEL (MB 1-5)	76.7	56.7	88.3	93.3	70.0	77.0
ASSURE	94.7	88.3	93.0	79.7	66.7	84.5	KOOS 93-6	60.0	82.7	90.3	81.7	70.0	76.9
MVF-4-1	81.7	96.0	88.3	86.3	70.0	84.5	APR 106	31.7	97.7	93.0	91.3	70.0	76.7
PALMER III (LRF-94-MPRH)	66.7	99.0	87.0	93.0	76.7	84.5	DSV NA 9402	73.3	71.3	90.7	79.7	66.7	76.3
WIZARD (MB 41)	81.7	89.3	90.0	94.3	66.7	84.4	J-1706	38.3	96.0	85.0	91.0	70.0	76.1
ISI-MHB	65.0	99.0	88.3	92.7	76.7	84.3	BAR ER 5813	80.0	53.3	97.0	86.0	63.3	75.9
STALLION SUPREME (PSI-E-1)	89.7	96.0	93.0	83.0	60.0	84.3	LINE DRIVE (MB 47)	61.7	97.7	84.7	75.0	60.0	75.8
BRIGHTSTAR	74.7	94.7	91.7	90.0	70.0	84.2	PST-2CB	66.7	71.7	89.3	86.3	63.3	75.5
PASSPORT (PST-2FF)	70.0	97.7	93.3	93.0	66.7	84.1	ELF	36.7	93.0	83.7	90.0	73.3	75.3
SATURN II (ZPS-2ST)	80.0	86.0	94.3	93.3	66.7	84.1	OMEGA3 (ZPS-2DR-94)	35.0	97.7	89.3	91.0	63.3	75.3
PST-2R3	78.3	99.0	88.3	96.3	56.7	83.7	PRECISION	33.7	96.0	90.0	88.0	66.7	74.9
NIGHT HAWK	83.3	88.0	92.3	81.3	73.3	83.7	LAREDO	21.7	97.7	91.7	88.0	73.3	74.5
MB 44	94.7	82.7	87.0	86.3	66.7	83.5	FIGARO	63.3	86.7	75.0	81.7	63.3	74.0
PRELUDE III (LRF-94-B6)	80.0	97.7	86.7	92.7	60.0	83.4	WX3-91	35.0	93.0	94.3	83.3	63.3	73.8
TOP HAT	81.7	89.7	90.3	87.7	66.7	83.2	DANCER	63.3	89.7	75.0	80.0	60.0	73.6
NINE-O-ONE	80.0	96.0	81.7	84.7	73.3	83.1	BLAZER III (PICK 928)	58.3	86.3	86.7	70.0	63.3	72.9
LRF-94-C8	80.0	99.0	89.3	86.7	60.0	83.0	MANHATTAN 3	43.3	79.7	86.3	91.0	63.3	72.7
ACHIEVER	63.3	96.0	97.7	91.0	66.7	82.9	APR 131	33.7	92.7	93.7	89.7	53.3	72.6
SR 4200	61.7	96.0	92.7	90.0	73.3	82.7	PENNFINE	65.0	70.0	80.0	87.7	60.0	72.5
TOP GUN (J-1703)	76.7	99.0	89.3	84.7	63.3	82.6	APR 066	25.0	99.0	95.0	89.7	53.3	72.4
VIVID	76.7	97.7	95.0	86.3	56.7	82.5	CHAPARRAL (PST-2DLM)	60.0	72.7	86.0	83.0	60.0	72.3
BLACKHAWK (TMI-EXFLP94)	60.0	99.0	94.7	88.3	70.0	82.4	IMAGINE	35.0	83.0	85.0	78.3	80.0	72.3
OMNI	63.3	99.0	92.0	86.3	70.0	82.1	APR 124	52.0	78.3	88.7	75.0	66.7	72.1
CALYPSO II	73.3	99.0	86.7	78.3	73.3	82.1	ADVANTAGE	45.0	88.0	87.3	83.3	56.7	72.1
WILLIAMSBURG	63.3	99.0	94.3	89.7	63.3	81.9	WIND DANCER (MB 46)	71.7	56.7	85.0	83.3	60.0	71.3
CAS-LP23	88.3	82.7	88.3	86.7	63.3	81.9	STARDANCE (PST-2FE)	50.0	71.7	83.3	86.7	56.7	69.7
EDGE	68.3	99.0	91.7	86.3	63.3	81.7	NAVAJO	31.7	86.0	81.7	88.3	60.0	69.5
MARDIGRAS (ZPS-2NV)	55.0	96.0	88.3	97.7	70.0	81.4	DIVINE	40.0	66.3	94.3	89.7	56.7	69.4
CUTTER	66.7	97.7	92.7	89.7	60.0	81.3	LEGACY II (LESCO-TWF)	44.3	76.3	86.7	89.7	50.0	69.4
PANTHER (ZPS-PR1)	51.7	99.0	88.3	91.0	76.7	81.3	DLP 1305	26.7	40.0	86.7	93.0	70.0	63.3
RIVIERA II	66.7	96.0	92.3	85.0	66.7	81.3	LINN	13.7	23.3	83.3	79.7	40.0	48.0
WIND STAR (PST-28M)	65.0	99.0	82.7	93.0	66.7	81.3							
QUICKSTART	78.3	83.0	96.3	94.7	53.3	81.1	LSL VALUE	39.2	24.8	12.9	21.0	9.9	10.7
WVPB-PR-C-2	75.0	99.0	83.3	84.7	63.3	81.1							
R2 (ISI-R2)	78.3	96.0	85.7	85.0	60.0	81.0	C.V. (%)	37.2	17.2	9.0	14.9	9.4	18.7

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

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 13. WINTER COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	WA3	NAME	WA3
BRIGHTSTAR II (PST-2M3)	7.3	BLACKHAWK (TMI-EXFLP94)	5.3
EXCEL (MB 1-5)	7.0	CAS-LP23	5.3
IMAGINE	7.0	CHAPARRAL (PST-2DLM)	5.3
PALMER III (LRF-94-MPRH)	7.0	ISI-MHB	5.3
PREMIER II (BAR USA 94-II)	7.0	ESQUIRE	5.3
WIND DANCER (MB 46)	7.0	KOOS 93-3	5.3
LRF-94-C8	6.7	MANHATTAN 3	5.3
REPELL III (LRF-94-C7)	6.7	MVF-4-1	5.3
ADVANTAGE	6.3	NIGHT HAWK	5.3
ELF	6.3	OMEGA3 (ZPS-2DR-94)	5.3
LAREDO	6.3	OMNI	5.3
LINE DRIVE (MB 47)	6.3	PASSPORT (PST-2FF)	5.3
MB 44	6.3	PICK LP 102-92	5.3
MB 45	6.3	PRECISION	5.3
NINE-O-ONE	6.3	CATALINA (PST-GH-94)	5.3
PENNANT II (MB 42)	6.3	ROADRUNNER (PST-2ET)	5.3
PRELUDE III (LRF-94-B6)	6.3	SR 4010 (SRX 4010)	5.3
ACHIEVER	6.0	SR 4400 (SRX 4400)	5.3
BLAZER III (PICK 928)	6.0	STALLION SUPREME (PSI-E-1)	5.3
CADDIESHACK (MED 5071)	6.0	TOP GUN (J-1703)	5.3
CALYPSO II	6.0	VIVID	5.3
DIVINE	6.0	WILLIAMSBURG	5.3
EXPRESS	6.0	WIND STAR (PST-28M)	5.3
J-1706	6.0	WVPB 92-4	5.3
LEGACY II (LESCO-TWF)	6.0	WX3-93	5.3
MAJESTY (MB 43)	6.0	APR 066	5.0
MARDIGRAS (ZPS-2NV)	6.0	APR 106	5.0
PST-2CB	6.0	APR 131	5.0
SATURN	6.0	BAR ER 5813	5.0
SECRETARIAT (RPBD)	6.0	DLP 1305	5.0
STARDANCE (PST-2FE)	6.0	KOOS 93-6	5.0
WIZARD (MB 41)	6.0	NAVAJO	5.0
ACCENT	5.7	NOBILITY	5.0
APR 124	5.7	PENNFINE	5.0
BRIGHTSTAR	5.7	QUICKSTART	5.0
CITATION III (PST-2DGR)	5.7	STALLION SELECT	5.0
CUTTER	5.7	TOP HAT	5.0
EDGE	5.7	WVPB-93-KFK	5.0
HEAD START (PICK PR 84-91)	5.7	WVPB-PR-C-2	5.0
MORNING STAR	5.7	WX3-91	5.0
PANTHER (ZPS-PR1)	5.7	DANCER	4.7
PEGASUS	5.7	FIGARO	4.7
PRIZM	5.7	DSV NA 9401	4.3
PS-D-9	5.7	R2 (ISI-R2)	4.3
PST-2R3	5.7	DSV NA 9402	4.0
RIVIERA II	5.7	LINN	4.0
SATURN II (ZPS-2ST)	5.7		
SR 4200	5.7	LSD VALUE	0.9
ACADEMY (PC-93-1)	5.3		
ASSURE	5.3	C.V. (%)	9.6

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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 14. PERCENT WINTER KILL RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	AR1	NAME	AR1
BLAZER III (PICK 928)	88.3	PEGASUS	60.0
PRECISION	88.3	QUICKSTART	60.0
DIVINE	86.7	SECRETARIAT (REBD)	60.0
IMAGINE	86.7	SR 4200	60.0
KOOS 93-6	86.7	WIZARD (MB 41)	60.0
MANHATTAN 3	86.7	BAR ER 5813	58.3
NAVAJO	86.7	BRIGHTSTAR	58.3
STARDANCE (PST-2FE)	85.0	CALYPSO II	58.3
OMEGA3 (ZPS-2DR-94)	83.3	CHAPARRAL (PST-2DLM)	58.3
ADVANTAGE	80.0	ESQUIRE	58.3
APR 066	80.0	STALLION SELECT	58.3
HEAD START (PICK PR 84-91)	80.0	EDGE	56.7
MARDIGRAS (ZPS-2NV)	80.0	EXPRESS	56.7
PST-2R3	80.0	PASSPORT (PST-2FF)	56.7
WX3-91	78.3	WIND STAR (PST-28M)	56.7
DLP 1305	76.7	NOBILITY	55.0
R2 (ISI-R2)	76.7	TOP HAT	55.0
REPELL III (LRF-94-C7)	76.7	WILLIAMSBURG	55.0
CITATION III (PST-2DGR)	73.3	MVF-4-1	53.3
ISI-MHB	73.3	PALMER III (LRF-94-MPRH)	53.3
DSV NA 9401	73.3	BRIGHTSTAR II (PST-2M3)	50.0
PANTHER (ZPS-PR1)	73.3	KOOS 93-3	50.0
APR 124	71.7	OMNI	50.0
MB 45	71.7	CATALINA (PST-GH-94)	50.0
PRIZM	71.7	EXCEL (MB 1-5)	48.3
APR 131	70.0	WVPB 92-4	48.3
DANCER	70.0	PENNFINE	46.7
PRELUDE III (LRF-94-B6)	70.0	PICK LP 102-92	45.0
PREMIER II (BAR USA 94-II)	70.0	TOP GUN (J-1703)	45.0
PS-D-9	70.0	CADDIESHACK (MED 5071)	43.3
VIVID	70.0	LRF-94-C8	43.3
WVPB-PR-C-2	70.0	NIGHT HAWK	43.3
ACADEMY (PC-93-1)	68.3	RIVIERA II	43.3
BLACKHAWK (TMI-EXFLP94)	68.3	NINE-O-ONE	40.0
ROADRUNNER (PST-2ET)	68.3	CAS-LP23	38.3
APR 106	66.7	PENNANT II (MB 42)	38.3
LINE DRIVE (MB 47)	66.7	WVPB-93-KFK	38.3
J-1706	65.0	MAJESTY (MB 43)	36.7
LAREDO	65.0	ACCENT	35.0
WX3-93	65.0	SR 4400 (SRX 4400)	35.0
LINN	63.3	ASSURE	33.3
PST-2CB	63.3	STALLION SUPREME (PSI-E-1)	31.7
SR 4010 (SRX 4010)	63.3	ACHIEVER	30.0
WIND DANCER (MB 46)	63.3	SATURN	30.0
CUTTER	61.7	MORNING STAR	25.0
DSV NA 9402	61.7	MB 44	15.0
ELF	61.7		
LEGACY II (LESCO-TWF)	61.7	LSD VALUE	44.0
SATURN II (ZPS-2ST)	61.7		
FIGARO	60.0	C.V. (%)	45.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 15. WINTER KILL RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
WINTER KILL RATINGS 1-9; 9=NONE 2/

NAME	NE1	NAME	NE1
NINE-O-CNE	9.0	LINE DRIVE (MB 47)	6.0
APR 131	8.7	MAJESTY (MB 43)	6.0
LINN	8.7	MARDIGRAS (ZPS-2NV)	6.0
PST-2CB	8.7	MVF-4-1	6.0
CITATION III (PST-2DGR)	8.3	PALMER III (IRF-94-MPRH)	6.0
STARDANCE (PST-2FE)	8.3	CATALINA (PST-GH-94)	6.0
ADVANTAGE	8.0	SATURN	6.0
LEGACY II (LESCO-TWF)	7.7	SECRETARIAT (RPBD)	6.0
MORNING STAR	7.7	WIND DANCER (MB 46)	6.0
PRELUDE III (LRF-94-B6)	7.7	ACADEMY (PC-93-1)	5.7
REPELL III (LRF-94-C7)	7.7	APR 124	5.7
WVPB 92-4	7.7	BLACKHAWK (TMI-EXFLP94)	5.7
CAS-LP23	7.3	CALYPSO II	5.7
EXPRESS	7.3	DIVINE	5.7
PEGASUS	7.3	DSV NA 9402	5.7
PENNFINE	7.3	HEAD START (PICK PR 84-91)	5.7
QUICKSTART	7.3	J-1706	5.7
ROADRUNNER (PST-2ET)	7.3	NIGHT HAWK	5.7
WILLIAMSBURG	7.3	PANTHER (ZPS-PR1)	5.7
WIND STAR (PST-28M)	7.3	PRECISION	5.7
CHAPARRAL (PST-2DLM)	7.0	RIVIERA II	5.7
MANHATTAN 3	7.0	WX3-91	5.7
MB 44	7.0	ACCENT	5.3
NOBILITY	7.0	APR 106	5.3
PICK LP 102-92	7.0	CUTTER	5.3
R2 (ISI-R2)	7.0	ELF	5.3
ACHIEVER	6.7	KOOS 93-6	5.3
APR 066	6.7	MB 45	5.3
ASSURE	6.7	STALLION SELECT	5.3
CADDIESHACK (MED 5071)	6.7	WIZARD (MB 41)	5.3
DANCER	6.7	WX3-93	5.3
DSV NA 9401	6.7	BRIGHTSTAR	5.0
EDGE	6.7	LAREDO	5.0
EXCEL (MB 1-5)	6.7	OMNI	5.0
IMAGINE	6.7	PENNANT II (MB 42)	5.0
LRF-94-C8	6.7	PREMIER II (BAR USA 94-II)	5.0
OMEGA3 (ZPS-2DR-94)	6.7	PST-2R3	5.0
PASSPORT (PST-2FF)	6.7	WVPB-93-KFK	5.0
PRIZM	6.7	BAR ER 5813	4.7
SATURN II (ZPS-2ST)	6.7	SR 4200	4.7
BRIGHTSTAR II (PST-2M3)	6.3	VIVID	4.7
KOOS 93-3	6.3	ESQUIRE	4.3
NAVAJO	6.3	FIGARO	4.0
PS-D-9	6.3	ISI-MHB	3.7
SR 4010 (SRX 4010)	6.3	SR 4400 (SRX 4400)	3.3
STALLION SUPREME (PSI-E-1)	6.3	DLP 1305	3.0
TOP GUN (J-1703)	6.3		
TOP HAT	6.3	LSD VALUE	2.5
WVPB-PR-C-2	6.3		
BLAZER III (PICK 928)	6.0	C.V. (%)	24.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 16. DROUGHT TOLERANCE (WILTING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/

NAME	KS1	NAME	KS1
APR 066	7.0	ACCENT	5.0
QUICKSTART	7.0	BRIGHTSTAR	5.0
BRIGHTSTAR II (PST-2M3)	6.3	CADDIESHACK (MED 5071)	5.0
HEAD START (PICK PR 84-91)	6.3	ISI-MHB	5.0
SATURN	6.3	ESQUIRE	5.0
SR 4400 (SRX 4400)	6.3	KOOS 93-3	5.0
STALLION SUPREME (PSI-E-1)	6.3	LEGACY II (LESCO-TWF)	5.0
STARDANCE (PST-2FE)	6.3	MAJESTY (MB 43)	5.0
WVPB 92-4	6.3	MANHATTAN 3	5.0
APR 131	6.0	NINE-O-ONE	5.0
ASSURE	6.0	NOBILITY	5.0
DSV NA 9401	6.0	OMNI	5.0
NAVAJO	6.0	PICK LP 102-92	5.0
NIGHT HAWK	6.0	PREMIER II (BAR USA 94-II)	5.0
STALLION SELECT	6.0	PRIZM	5.0
WILLIAMSBURG	6.0	RIVIERA II	5.0
ACADEMY (PC-93-1)	5.7	SATURN II (ZPS-2ST)	5.0
APR 106	5.7	SECRETARIAT (RPBD)	5.0
APR 124	5.7	SR 4200	5.0
CITATION III (PST-2DGR)	5.7	TOP GUN (J-1703)	5.0
DSV NA 9402	5.7	VIVID	5.0
EDGE	5.7	WX3-93	5.0
ELF	5.7	CALYPSO II	4.7
EXPRESS	5.7	CHAPARRAL (PST-2DLM)	4.7
IMAGINE	5.7	DANCER	4.7
MORNING STAR	5.7	DLP 1305	4.7
MVF-4-1	5.7	FIGARO	4.7
PENNANT II (MB 42)	5.7	MB 45	4.7
PRECISION	5.7	PALMER III (LRF-94-MPRH)	4.7
PS-D-9	5.7	PANTHER (ZPS-PR1)	4.7
PST-2CB	5.7	PASSPORT (PST-2FF)	4.7
CATALINA (PST-GH-94)	5.7	PST-2R3	4.7
R2 (ISI-R2)	5.7	TOP HAT	4.7
SR 4010 (SRX 4010)	5.7	WIND DANCER (MB 46)	4.7
WIZARD (MB 41)	5.7	ADVANTAGE	4.3
WVPB-93-KFK	5.7	CUTTER	4.3
WVPB-PR-C-2	5.7	J-1706	4.3
WX3-91	5.7	LRF-94-C8	4.3
BLACKHAWK (TMI-EXFLP94)	5.3	PRELUDE III (LRF-94-B6)	4.3
CAS-LP23	5.3	ROADRUNNER (PST-2ET)	4.3
DIVINE	5.3	WIND STAR (PST-28M)	4.3
KOOS 93-6	5.3	ACHIEVER	4.0
LAREDO	5.3	BLAZER III (PICK 928)	4.0
LINE DRIVE (MB 47)	5.3	EXCEL (MB 1-5)	4.0
MARDIGRAS (ZPS-2NV)	5.3	BAR ER 5813	3.0
MB 44	5.3	LINN	3.0
OMEGA3 (ZPS-2DR-94)	5.3		
PEGASUS	5.3	LSD VALUE	1.4
PENNFINE	5.3		
REPELL III (LRF-94-C7)	5.3	C.V. (%)	17.2

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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 17. PINK SNOW MOLD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 PINK SNOW MOLD PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	ME1	NAME	ME1
LINN	8.3	APR 106	5.0
NOBILITY	7.7	ASSURE	5.0
PRECISION	7.7	BRIGHTSTAR II (PST-2M3)	5.0
PST-2CB	7.3	DIVINE	5.0
STARDANCE (PST-2FE)	7.3	MANHATTAN 3	5.0
PEGASUS	7.0	MVF-4-1	5.0
WX3-91	7.0	NAVAJO	5.0
APR 066	6.7	PRELUDE III (IRF-94-B6)	5.0
KOOS 93-3	6.7	PREMIER II (BAR USA 94-II)	5.0
ADVANTAGE	6.3	PS-D-9	5.0
APR 131	6.3	CATALINA (PST-GH-94)	5.0
BLACKHAWK (TMI-EXFLP94)	6.3	ACADEMY (PC-93-1)	4.7
DSV NA 9401	6.3	ACHIEVER	4.7
EXPRESS	6.3	PANTHER (ZPS-PR1)	4.7
NINE-O-ONE	6.3	PICK LP 102-92	4.7
PENNFINE	6.3	SATURN	4.7
SATURN II (ZPS-2ST)	6.3	WVPB-PR-C-2	4.7
BAR ER 5813	6.0	ACCENT	4.3
CITATION III (PST-2DGR)	6.0	BLAZER III (PICK 928)	4.3
MORNING STAR	6.0	LAREDO	4.3
PRIZM	6.0	LINE DRIVE (MB 47)	4.3
QUICKSTART	6.0	PASSPORT (PST-2FF)	4.3
ROADRUNNER (PST-2ET)	6.0	RIVIERA II	4.3
VIVID	6.0	SR 4200	4.3
APR 124	5.7	WILLIAMSBURG	4.3
CADDIESHACK (MED 5071)	5.7	CAS-IP23	4.0
IMAGINE	5.7	DANCER	4.0
PST-2R3	5.7	MARDIGRAS (ZPS-2NV)	4.0
SECRETARIAT (RPBD)	5.7	R2 (ISI-R2)	4.0
SR 4400 (SRX 4400)	5.7	TOP GUN (J-1703)	4.0
WIND DANCER (MB 46)	5.7	TOP HAT	4.0
CHAPARRAL (PST-2DLM)	5.3	WIND STAR (PST-28M)	4.0
CUTTER	5.3	WVPB 92-4	4.0
DSV NA 9402	5.3	WVPB-93-KFK	4.0
EDGE	5.3	ISI-MHB	3.7
ELF	5.3	DLP 1305	3.7
EXCEL (MB 1-5)	5.3	J-1706	3.7
HEAD START (PICK PR 84-91)	5.3	OMNI	3.7
LEGACY II (LESCO-TWF)	5.3	BRIGHTSTAR	3.3
MAJESTY (MB 43)	5.3	ESQUIRE	3.3
MB 44	5.3	FIGARO	3.3
MB 45	5.3	LRF-94-C8	3.3
NIGHT HAWK	5.3	CALYPSO II	3.0
OMEGA3 (ZPS-2DR-94)	5.3	KOOS 93-6	3.0
PENNANT II (MB 42)	5.3	PALMER III (LRF-94-MPRH)	3.0
SR 4010 (SRX 4010)	5.3	REPELL III (LRF-94-C7)	2.3
STALLION SELECT	5.3		
STALLION SUPREME (PSI-E-1)	5.3	LSD VALUE	2.8
WIZARD (MB 41)	5.3		
WX3-93	5.3	C.V. (%)	34.4

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).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 18. LEAF SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	UB1	NAME	UB1
BRIGHTSTAR II (PST-2M3)	8.0	CITATION III (PST-2DGR)	5.0
EXCEL (MB 1-5)	7.3	ESQUIRE	5.0
BLAZER III (PICK 928)	7.0	LAREDO	5.0
J-1706	6.7	LRF-94-C8	5.0
CADDIESHACK (MED 5071)	6.3	MARDIGRAS (ZPS-2NV)	5.0
MAJESTY (MB 43)	6.3	MVF-4-1	5.0
CALYPSO II	6.0	NIGHT HAWK	5.0
KOOS 93-6	6.0	PANTHER (ZPS-PR1)	5.0
MB 45	6.0	PICK LP 102-92	5.0
PRELUDE III (LRF-94-B6)	6.0	PREMIER II (BAR USA 94-II)	5.0
CATALINA (PST-GH-94)	6.0	ADVANTAGE	4.7
REPELL III (LRF-94-C7)	6.0	CHAPARRAL (PST-2DLM)	4.7
ACCENT	5.7	DANCER	4.7
APR 124	5.7	DIVINE	4.7
ASSURE	5.7	EXPRESS	4.7
ELF	5.7	LINE DRIVE (MB 47)	4.7
HEAD START (PICK PR 84-91)	5.7	NOBILITY	4.7
KOOS 93-3	5.7	PEGASUS	4.7
MB 44	5.7	R2 (ISI-R2)	4.7
NAVAJO	5.7	ROADRUNNER (PST-2ET)	4.7
OMEGA3 (ZPS-2DR-94)	5.7	SATURN	4.7
PALMER III (LRF-94-MPRH)	5.7	STALLION SUPREME (PSI-E-1)	4.7
PASSPORT (PST-2FF)	5.7	WVPB 92-4	4.7
PENNANT II (MB 42)	5.7	WVPB-93-KFK	4.7
PRIZM	5.7	WVPB-PR-C-2	4.7
PS-D-9	5.7	ACADEMY (PC-93-1)	4.3
PST-2R3	5.7	ACHIEVER	4.3
SATURN II (ZPS-2ST)	5.7	APR 131	4.3
SECRETARIAT (RPBD)	5.7	BAR ER 5813	4.3
SR 4200	5.7	BLACKHAWK (TMI-EXFLP94)	4.3
TOP GUN (J-1703)	5.7	CAS-LP23	4.3
WILLIAMSBURG	5.7	PST-2CB	4.3
APR 106	5.3	RIVIERA II	4.3
BRIGHTSTAR	5.3	VIVID	4.3
CUTTER	5.3	APR 066	4.0
ISI-MHB	5.3	FIGARO	4.0
DLP 1305	5.3	MORNING STAR	4.0
EDGE	5.3	PENNFINE	4.0
IMAGINE	5.3	STALLION SELECT	4.0
LEGACY II (LESCO-TWF)	5.3	WX3-91	4.0
MANHATTAN 3	5.3	DSV NA 9402	3.3
OMNI	5.3	NINE-O-ONE	3.3
QUICKSTART	5.3	SR 4010 (SRX 4010)	3.3
SR 4400 (SRX 4400)	5.3	LINN	3.0
STARDANCE (PST-2FE)	5.3	PRECISION	3.0
TOP HAT	5.3	DSV NA 9401	2.3
WIND DANCER (MB 46)	5.3		
WIND STAR (PST-28M)	5.3	LSD VALUE	1.7
WIZARD (MB 41)	5.3		
WX3-93	5.3	C.V. (%)	20.2

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).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 19.

LEAF SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS AT ORONO, ME 1/
1996 DATA
LEAF SPOT RATINGS 1-9; 9=BEST 2/

NAME	JUNE	JULY	NOVEMBER	MEAN	NAME	JUNE	JULY	NOVEMBER	MEAN
IMAGINE	6.3	8.3	9.0	7.9	WIND STAR (PST-28M)	4.3	6.3	7.3	6.0
WIND DANCER (MB 46)	7.3	6.7	8.7	7.6	ASSURE	4.7	5.7	7.3	5.9
PALMER III (LRF-94-MPRH)	6.3	7.3	8.7	7.4	LEGACY II (LESCO-TWF)	5.7	4.7	7.3	5.9
CHAPARRAL (PST-2DLM)	7.7	5.3	8.7	7.2	MORNING STAR	5.0	6.0	6.7	5.9
OMNI	8.0	7.0	6.7	7.2	OMEGA3 (ZPS-2DR-94)	4.3	5.7	7.7	5.9
CATALINA (PST-GH-94)	8.0	6.0	7.7	7.2	STARDANCE (PST-2FE)	4.7	5.7	7.3	5.9
REPELL III (LRF-94-C7)	6.0	7.0	8.7	7.2	WVPB 92-4	4.3	7.0	6.3	5.9
BRIGHTSTAR II (PST-2M3)	7.0	6.0	8.3	7.1	ACADEMY (PC-93-1)	5.0	6.7	5.7	5.8
MAJESTY (MB 43)	5.7	7.3	8.0	7.0	BRIGHTSTAR	4.0	6.3	7.0	5.8
WX3-91	6.0	7.3	7.7	7.0	ELF	3.0	6.3	8.0	5.8
CADDIESHACK (MED 5071)	6.3	7.0	7.3	6.9	PS-D-9	4.0	7.3	5.7	5.7
DIVINE	6.0	7.0	7.7	6.9	BLACKHAWK (TMI-EXFLP94)	4.3	6.3	6.0	5.6
EXCEL (MB 1-5)	5.3	7.0	8.3	6.9	MVF-4-1	5.0	5.7	6.0	5.6
MB 45	5.3	6.7	8.7	6.9	NINE-O-ONE	5.7	5.0	6.0	5.6
PANTHER (ZPS-PR1)	6.0	7.0	7.7	6.9	SATURN II (ZPS-2ST)	3.7	5.3	7.7	5.6
PENNANT II (MB 42)	6.0	6.0	8.7	6.9	SR 4200	5.0	5.7	6.0	5.6
VIVID	6.3	6.3	8.0	6.9	APR 066	5.7	5.0	5.7	5.4
ESQUIRE	4.7	7.7	8.0	6.8	APR 106	4.7	5.0	6.7	5.4
LAREDO	7.3	6.0	7.0	6.8	PRECISION	4.7	5.0	6.7	5.4
LRF-94-C8	6.0	5.3	9.0	6.8	WVPB-93-KFK	5.0	5.3	6.0	5.4
MB 44	6.3	5.7	8.3	6.8	WX3-93	4.3	5.7	6.3	5.4
PREMIER II (BAR USA 94-II)	5.3	7.3	7.7	6.8	BAR ER 5813	4.3	5.7	6.0	5.3
ROADRUNNER (PST-2ET)	6.0	6.3	8.0	6.8	EXPRESS	4.0	5.3	6.7	5.3
SECRETARIAT (RPBD)	5.0	7.0	8.3	6.8	APR 131	5.0	5.3	5.3	5.2
WIZARD (MB 41)	7.3	6.0	7.0	6.8	NAVAJO	4.3	5.3	6.0	5.2
CALYPSO II	4.7	6.7	8.7	6.7	PRIZM	2.7	5.7	7.3	5.2
LINE DRIVE (MB 47)	5.3	6.3	8.3	6.7	CITATION III (PST-2DGR)	4.0	4.3	7.0	5.1
MANHATTAN 3	7.3	5.7	7.0	6.7	NIGHT HAWK	3.3	6.0	6.0	5.1
APR 124	6.7	5.7	7.3	6.6	PST-2CB	3.0	6.3	6.0	5.1
KOOS 93-3	6.0	7.0	6.7	6.6	SR 4010 (SRX 4010)	3.0	6.0	6.3	5.1
QUICKSTART	5.7	6.3	7.7	6.6	CAS-LP23	1.7	6.3	7.0	5.0
ACHIEVER	5.3	7.0	7.0	6.4	NOBILITY	3.3	5.3	6.3	5.0
BLAZER III (PICK 928)	6.3	5.3	7.7	6.4	PST-2R3	4.0	5.0	6.0	5.0
CUTTER	5.7	7.0	6.7	6.4	WVPB-PR-C-2	4.0	5.3	5.7	5.0
ISI-MHB	5.0	6.7	7.7	6.4	R2 (ISI-R2)	3.7	5.3	5.7	4.9
KOOS 93-6	6.3	7.7	5.3	6.4	PASSPORT (PST-2FF)	2.7	5.3	6.3	4.8
PRELUDE III (LRF-94-B6)	4.7	6.0	8.7	6.4	WILLIAMSBURG	3.0	5.3	6.0	4.8
STALLION SUPREME (PSI-E-1)	5.3	6.7	7.3	6.4	STALLION SELECT	2.7	5.7	5.7	4.7
TOP HAT	5.3	5.7	8.3	6.4	DANCER	3.3	4.3	5.3	4.3
HEAD START (PICK PR 84-91)	5.3	5.7	8.0	6.3	DLP 1305	4.3	4.7	4.0	4.3
J-1706	5.0	6.7	7.3	6.3	SATURN	2.0	5.3	5.7	4.3
MARDIGRAS (ZPS-2NV)	4.7	6.3	8.0	6.3	LINN	4.0	4.7	3.0	3.9
PICK LP 102-92	5.7	6.7	6.7	6.3	DSV NA 9401	1.3	4.7	4.0	3.3
ACCENT	5.0	6.0	7.7	6.2	PENNFINE	1.0	5.0	3.7	3.2
PEGASUS	5.7	6.0	7.0	6.2	DSV NA 9402	1.0	4.3	4.0	3.1
EDGE	5.3	5.7	7.3	6.1	FIGARO	1.3	3.7	4.0	3.0
SR 4400 (SRX 4400)	5.3	6.0	7.0	6.1					
TOP GUN (J-1703)	5.0	6.3	7.0	6.1	LSD VALUE	4.3	2.5	1.8	1.6
ADVANTAGE	4.0	5.7	8.3	6.0					
RIVIERA II	4.0	6.7	7.3	6.0	C.V. (%)	40.0	18.8	16.0	15.9

- 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).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 20. DOLLAR SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	UB1	MEAN
MANHATTAN 3	8.3	8.0	8.2
CADDIESHACK (MED 5071)	8.0	8.0	8.0
ROADRUNNER (PST-2ET)	7.7	8.3	8.0
BRIGHTSTAR II (PST-2M3)	8.0	7.7	7.8
KOCS 93-6	7.7	8.0	7.8
MARDIGRAS (ZPS-2NV)	7.7	8.0	7.8
ACCENT	7.7	7.7	7.7
PASSPORT (PST-2FF)	7.0	8.3	7.7
CHAPARRAL (PST-2DLM)	7.7	7.3	7.5
PRECISION	6.7	8.3	7.5
PS-D-9	7.3	7.7	7.5
WIND STAR (PST-28M)	7.3	7.7	7.5
NOBILITY	6.7	8.0	7.3
PST-2R3	6.7	8.0	7.3
QUICKSTART	7.3	7.3	7.3
LAREDO	7.7	6.7	7.2
CATALINA (PST-GH-94)	6.7	7.7	7.2
J-1706	7.3	7.0	7.2
LRF-94-C8	8.0	6.3	7.2
PENNFINE	7.3	7.0	7.2
STALLION SUPREME (PSI-E-1)	7.3	7.0	7.2
CALYPSO II	6.3	7.7	7.0
ISI-MHB	6.3	7.7	7.0
EDGE	8.0	6.0	7.0
PRELUDE III (LRF-94-B6)	9.0	5.0	7.0
SATURN II (ZPS-2ST)	6.7	7.3	7.0
SR 4400 (SRX 4400)	7.7	6.3	7.0
ACHIEVER	5.7	8.0	6.8
PANTHER (ZPS-PR1)	7.7	6.0	6.8
PICK LP 102-92	6.7	7.0	6.8
R2 (ISI-R2)	6.7	7.0	6.8
STARDANCE (PST-2FE)	6.7	7.0	6.8
WIND DANCER (MB 46)	6.7	7.0	6.8
APR 131	6.3	7.3	6.8
NAVAJO	6.7	6.7	6.7
SR 4200	6.7	6.7	6.7
APR 106	6.0	7.3	6.7
LEGACY II (LESCO-TWF)	6.0	7.3	6.7
LINE DRIVE (MB 47)	6.3	7.0	6.7
OMEGA3 (ZPS-2DR-94)	7.3	6.0	6.7
WILLIAMSBURG	6.0	7.3	6.7
ADVANTAGE	6.3	6.7	6.5
APR 066	6.0	7.0	6.5
APR 124	6.3	6.7	6.5
ASSURE	6.3	6.7	6.5
BLAZER III (PICK 928)	6.7	6.3	6.5
DIVINE	7.0	6.0	6.5
HEAD START (PICK PR 84-91)	7.3	5.7	6.5
MORNING STAR	4.7	8.3	6.5
PENNANT II (MB 42)	6.7	6.3	6.5

DOLLAR SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1996 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

NAME	IN1	UB1	MEAN
REPELL III (LRF-94-C7)	7.7	5.3	6.5
SECRETARIAT (RPBD)	5.7	7.3	6.5
TOP GUN (J-1703)	7.0	6.0	6.5
WVPB-93-KFK	6.3	6.7	6.5
EXPRESS	7.0	5.7	6.3
PREMIER II (BAR USA 94-II)	6.0	6.7	6.3
SR 4010 (SRX 4010)	6.7	6.0	6.3
WIZARD (MB 41)	6.7	6.0	6.3
ESQUIRE	6.3	6.3	6.3
MB 45	6.3	6.3	6.3
MVF-4-1	6.3	6.3	6.3
PRIZM	7.3	5.3	6.3
OMNI	6.7	5.7	6.2
SATURN	5.7	6.7	6.2
PST-2CB	6.0	6.3	6.2
STALLION SELECT	6.3	6.0	6.2
TOP HAT	7.0	5.3	6.2
IMAGINE	5.3	6.7	6.0
LINN	7.3	4.7	6.0
PALMER III (LRF-94-MPRH)	6.0	6.0	6.0
VIVID	5.7	6.3	6.0
BAR ER 5813	6.0	5.7	5.8
BLACKHAWK (TMI-EXFLP94)	7.0	4.7	5.8
WVPB 92-4	5.7	6.0	5.8
CUTTER	7.3	4.3	5.8
DLP 1305	5.3	6.3	5.8
RIVIERA II	4.3	7.3	5.8
ACADEMY (PC-93-1)	5.3	6.0	5.7
MAJESTY (MB 43)	6.0	5.3	5.7
NINE-O-ONE	7.3	4.0	5.7
WX3-91	5.3	6.0	5.7
CITATION III (PST-2DGR)	5.3	5.7	5.5
KOOS 93-3	5.0	6.0	5.5
PEGASUS	6.3	4.7	5.5
WX3-93	6.0	5.0	5.5
BRIGHTSTAR	6.7	3.7	5.2
DSV NA 9402	5.3	5.0	5.2
FIGARO	4.0	6.3	5.2
NIGHT HAWK	5.0	5.3	5.2
EXCEL (MB 1-5)	5.0	5.0	5.0
MB 44	5.0	5.0	5.0
CAS-LP23	4.7	5.0	4.8
WVPB-PR-C-2	5.3	4.3	4.8
ELF	4.7	4.3	4.5
DANCER	6.0	2.3	4.2
DSV NA 9401	3.7	3.7	3.7
LSD VALUE	2.4	2.7	1.8
C.V. (%)	23.0	26.4	24.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 21.

PERCENT DOLLAR SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS AT LEXINGTON, KY 1/
1996 DATA 2/

NAME	JULY 29	AUG. 7	AUG. 21	MEAN	NAME	JULY 29	AUG. 7	AUG. 21	MEAN
NAVAJO	7.0	16.3	24.7	16.0	RIVIERA II	4.3	7.3	11.0	7.6
CAS-LP23	10.0	11.7	24.3	15.3	VIVID	4.3	6.0	12.0	7.4
MB 44	10.0	12.0	21.7	14.6	PASSPORT (PST-2FF)	5.3	6.0	10.7	7.3
FIGARO	7.3	13.3	22.7	14.4	LRF-94-C8	6.7	6.3	8.7	7.2
EXCEL (MB 1-5)	9.3	14.3	19.3	14.3	REPELL III (LRF-94-C7)	4.7	6.7	10.3	7.2
DSV NA 9401	8.3	13.7	20.0	14.0	MARDIGRAS (ZPS-2NV)	4.0	6.3	11.0	7.1
DSV NA 9402	6.0	11.0	20.7	12.6	NOBILITY	4.0	5.3	12.0	7.1
BAR ER 5813	5.3	13.7	17.3	12.1	BRIGHTSTAR	3.0	5.7	12.3	7.0
KOOS 93-6	8.3	9.0	18.3	11.9	STARDANCE (PST-2FE)	4.7	4.3	12.0	7.0
WVPB-93-KFK	6.3	12.0	16.0	11.4	ACADEMY (PC-93-1)	3.7	6.0	11.0	6.9
DANCER	4.3	10.0	19.7	11.3	KOOS 93-3	4.7	5.3	10.7	6.9
OMNI	7.3	10.3	16.0	11.2	HEAD START (PICK ER 84-91)	3.7	3.7	13.0	6.8
SECRETARIAT (RPBD)	7.0	10.3	16.3	11.2	LEGACY II (LESCO-TWF)	6.3	5.7	8.3	6.8
DLP 1305	9.3	10.0	14.0	11.1	ACCENT	2.7	5.3	12.0	6.7
OMEGA3 (ZPS-2DR-94)	4.7	12.3	16.0	11.0	BLACKHAWK (TMI-EXFLP94)	2.7	4.7	12.7	6.7
IMAGINE	7.3	6.3	18.7	10.8	CADDIESHACK (MED 5071)	4.0	6.0	9.7	6.6
APR 106	5.7	9.3	17.0	10.7	PST-2CB	2.7	3.0	14.0	6.6
ELF	6.0	11.0	14.7	10.6	QUICKSTART	4.7	5.0	10.0	6.6
PALMER III (LRF-94-MPRH)	8.3	8.0	15.3	10.6	SR 4400 (SRX 4400)	2.3	4.3	13.0	6.6
ADVANTAGE	7.7	9.3	14.3	10.4	PICK LP 102-92	2.7	3.0	13.7	6.4
APR 066	6.0	8.0	17.0	10.3	PRECISION	2.7	5.3	11.3	6.4
WIND DANCER (MB 46)	8.7	9.0	13.0	10.2	CATALINA (PST-GH-94)	4.0	6.0	9.3	6.4
NIGHT HAWK	6.0	7.7	16.0	9.9	CUTTER	3.3	4.7	11.0	6.3
BLAZER III (PICK 928)	4.7	9.3	15.3	9.8	NINE-O-ONE	3.3	6.0	9.3	6.2
MVF-4-1	5.3	9.7	14.3	9.8	EDGE	3.3	3.7	11.3	6.1
PRIZM	3.7	9.3	16.3	9.8	PREMIER II (BAR USA 94-II)	3.7	6.0	8.7	6.1
ISI-MHB	7.0	7.7	14.3	9.7	ROADRUNNER (PST-2ET)	3.3	5.0	9.7	6.0
MB 45	5.7	9.0	14.3	9.7	ASSURE	3.0	4.3	10.3	5.9
SATURN	4.3	7.0	17.3	9.6	MORNING STAR	1.0	4.3	12.3	5.9
STALLION SELECT	7.3	8.0	13.3	9.6	PST-2R3	2.0	4.7	11.0	5.9
ACHIEVER	5.3	9.0	13.3	9.2	PENNANT II (MB 42)	2.7	3.7	11.0	5.8
SATURN II (ZPS-2ST)	4.7	10.3	12.3	9.1	BRIGHTSTAR II (PST-2M3)	2.7	3.3	10.3	5.4
SR 4010 (SRX 4010)	5.3	6.7	15.3	9.1	PS-D-9	2.0	3.3	11.0	5.4
CALYPSO II	5.7	7.3	13.7	8.9	EXPRESS	2.0	4.7	9.3	5.3
PEGASUS	5.0	5.7	15.7	8.8	CHAPARRAL (PST-2DIM)	3.3	7.3	5.0	5.2
MAJESTY (MB 43)	3.7	7.0	15.3	8.7	APR 124	1.7	2.7	11.0	5.1
STALLION SUPREME (PSI-E-1)	3.7	8.0	14.3	8.7	LAREDO	3.0	4.3	7.7	5.0
WILLIAMSBURG	5.0	8.3	12.3	8.6	R2 (ISI-R2)	2.3	4.7	8.0	5.0
WVPB 92-4	4.0	6.0	15.7	8.6	DIVINE	2.0	2.7	9.7	4.8
CITATION III (PST-2DGR)	6.7	7.7	11.0	8.4	TOP HAT	1.7	2.3	10.0	4.7
MANHATTAN 3	4.3	9.3	11.7	8.4	J-1706	1.3	2.7	9.7	4.6
WVPB-PR-C-2	3.7	7.3	14.3	8.4	ESQUIRE	2.0	2.7	8.7	4.4
PRELUDE III (LRF-94-B6)	6.3	6.3	12.0	8.2	WIND STAR (PST-28M)	1.3	2.7	9.0	4.3
WX3-91	4.7	7.3	12.7	8.2	PANTHER (ZPS-PR1)	1.7	2.0	6.7	3.4
APR 131	5.3	6.3	12.7	8.1	PENNFINE	1.0	1.3	4.0	2.1
LINE DRIVE (MB 47)	3.3	7.7	13.3	8.1	LINN	0.7	2.3	0.0	1.0
WX3-93	4.0	4.3	15.3	7.9					
TOP GUN (J-1703)	5.3	6.3	11.7	7.8	LSD VALUE	9.5	7.1	8.8	6.0
SR 4200	4.0	6.0	13.0	7.7					
WIZARD (MB 41)	4.0	5.3	13.7	7.7	C.V. (%)	70.6	52.8	35.5	38.9

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).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 22. RED THREAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	NJ1	NAME	NJ1
LAREDO	8.3	RIVIERA II	6.3
PICK LP 102-92	8.3	SR 4010 (SRX 4010)	6.3
APR 124	8.0	SR 4200	6.3
PENNFINE	8.0	ACADEMY (PC-93-1)	6.0
PRECISION	8.0	ADVANTAGE	6.0
STALLION SELECT	8.0	ASSURE	6.0
PRIZM	7.7	CALYPSO II	6.0
WX3-91	7.7	CHAPARRAL (EST-2DLM)	6.0
APR 131	7.3	ISI-MHB	6.0
BRIGHTSTAR II (PST-2M3)	7.3	LINN	6.0
EXPRESS	7.3	MARDIGRAS (ZPS-2NV)	6.0
TOP GUN (J-1703)	7.3	NAVAJO	6.0
WVPB-93-KFK	7.3	WILLIAMSBURG	6.0
ACCENT	7.0	WVPB-PR-C-2	6.0
ACHIEVER	7.0	BAR ER 5813	5.7
CADDIESHACK (MED 5071)	7.0	CUTTER	5.7
DLP 1305	7.0	DSV NA 9401	5.7
ESQUIRE	7.0	DSV NA 9402	5.7
KOOS 93-3	7.0	HEAD START (PICK PR 84-91)	5.7
MB 44	7.0	IMAGINE	5.7
MORNING STAR	7.0	LINE DRIVE (MB 47)	5.7
NINE-O-ONE	7.0	LRF-94-C8	5.7
NOBILITY	7.0	PASSPORT (PST-2FF)	5.7
PANTHER (ZPS-PR1)	7.0	PENNANT II (MB 42)	5.7
PEGASUS	7.0	PRELUDE III (LRF-94-B6)	5.7
STARDANCE (PST-2FE)	7.0	PS-D-9	5.7
APR 066	6.7	SECRETARIAT (RPBD)	5.7
BLACKHAWK (TMI-EXFLP94)	6.7	TOP HAT	5.7
CITATION III (PST-2DGR)	6.7	WVPB 92-4	5.7
DIVINE	6.7	BLAZER III (PICK 928)	5.3
EXCEL (MB 1-5)	6.7	BRIGHTSTAR	5.3
KOOS 93-6	6.7	CAS-LP23	5.3
MAJESTY (MB 43)	6.7	J-1706	5.3
MVF-4-1	6.7	MANHATTAN 3	5.3
PALMER III (LRF-94-MPRH)	6.7	QUICKSTART	5.3
PREMIER II (BAR USA 94-II)	6.7	REPELL III (LRF-94-C7)	5.3
CATALINA (PST-GH-94)	6.7	WIND STAR (EST-28M)	5.3
R2 (ISI-R2)	6.7	WIZARD (MB 41)	5.3
SATURN	6.7	WX3-93	5.3
SATURN II (ZPS-2ST)	6.7	DANCER	5.0
SR 4400 (SRX 4400)	6.7	ELF	5.0
STALLION SUPREME (PSI-E-1)	6.7	FIGARO	5.0
VIVID	6.7	LEGACY II (IESCO-TWF)	5.0
APR 106	6.3	PST-2R3	5.0
EDGE	6.3	WIND DANCER (MB 46)	5.0
MB 45	6.3	ROADRUNNER (PST-2ET)	4.3
NIGHT HAWK	6.3		
OMEGA3 (ZPS-2DR-94)	6.3	LSD VALUE	2.5
OMNI	6.3		
PST-2CB	6.3	C.V. (%)	24.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 23. PERCENT RED THREAD (MAY) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA 2/

NAME	KY1	NAME	KY1
MB 45	5.0	DLP 1305	0.7
APR 066	4.7	DSV NA 9401	0.7
BAR ER 5813	4.0	DSV NA 9402	0.7
CHAPARRAL (PST-2DLM)	4.0	FIGARO	0.7
IMAGINE	3.7	KOOS 93-6	0.7
WIND DANCER (MB 46)	3.7	NIGHT HAWK	0.7
EXCEL (MB 1-5)	3.3	PENNANT II (MB 42)	0.7
OMNI	3.0	PICK LP 102-92	0.7
BRIGHTSTAR	2.7	SR 4010 (SRX 4010)	0.7
LEGACY II (LESCO-TWF)	2.7	STARDANCE (EST-2FE)	0.7
MAJESTY (MB 43)	2.7	TOP GUN (J-1703)	0.7
MB 44	2.7	WILLIAMSBURG	0.7
NINE-O-ONE	2.7	WX3-93	0.7
CALYPSO II	2.3	APR 124	0.3
DIVINE	2.3	APR 131	0.3
CATALINA (PST-GH-94)	2.3	CADDIESHACK (MED 5071)	0.3
BLAZER III (PICK 928)	2.0	CUTTER	0.3
TOP HAT	2.0	EDGE	0.3
BRIGHTSTAR II (PST-2M3)	1.7	ESQUIRE	0.3
LINE DRIVE (MB 47)	1.7	HEAD START (PICK PR 84-91)	0.3
LRF-94-C8	1.7	KOOS 93-3	0.3
PST-2CB	1.7	MORNING STAR	0.3
SATURN	1.7	MVF-4-1	0.3
SR 4400 (SRX 4400)	1.7	PRECISION	0.3
CAS-LP23	1.3	PRELUDE III (LRF-94-B6)	0.3
DANCER	1.3	PS-D-9	0.3
ELF	1.3	QUICKSTART	0.3
MANHATTAN 3	1.3	REPELL III (LRF-94-C7)	0.3
NOBILITY	1.3	ROADRUNNER (PST-2ET)	0.3
PEGASUS	1.3	STALLION SELECT	0.3
PREMIER II (BAR USA 94-II)	1.3	STALLION SUPREME (PSI-E-1)	0.3
PRIZM	1.3	WIND STAR (EST-28M)	0.3
WVPB 92-4	1.3	WX3-91	0.3
WVPB-93-KFK	1.3	ASSURE	0.0
WVPB-PR-C-2	1.3	BLACKHAWK (TMI-EXFLP94)	0.0
ACCENT	1.0	EXPRESS	0.0
ADVANTAGE	1.0	LAREDO	0.0
CITATION III (PST-2DGR)	1.0	LINN	0.0
ISI-MHB	1.0	PANTHER (ZPS-PR1)	0.0
J-1706	1.0	PENNFINE	0.0
MARDIGRAS (ZPS-2NV)	1.0	PST-2R3	0.0
NAVAJO	1.0	R2 (ISI-R2)	0.0
OMEGA3 (ZPS-2DR-94)	1.0	SECRETARIAT (RPBD)	0.0
PALMER III (LRF-94-MPRH)	1.0	SR 4200	0.0
PASSPORT (PST-2FF)	1.0	VIVID	0.0
RIVIERA II	1.0	WIZARD (MB 41)	0.0
SATURN II (ZPS-2ST)	1.0		
ACADEMY (PC-93-1)	0.7	LSA VALUE	2.8
ACHIEVER	0.7		
APR 106	0.7	C.V. (%)	149.9

- 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).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 24. BROWN PATCH RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	NE1	NAME	NE1
LEGACY II (LESCO-TWF)	9.0	QUICKSTART	7.0
LINN	9.0	R2 (ISI-R2)	7.0
WIND STAR (PST-28M)	9.0	SATURN	7.0
ADVANTAGE	8.7	WIND DANCER (MB 46)	7.0
NINE-O-ONE	8.7	WIZARD (MB 41)	7.0
EXPRESS	8.3	BLACKHAWK (TMI-EXFLP94)	6.7
MANHATTAN 3	8.3	BRIGHTSTAR	6.7
PRELUDE III (LRF-94-B6)	8.3	CUTTER	6.7
PST-2CB	8.3	DERBY SUPREME II (ISI-MHB)	6.7
PST-GH-94	8.3	DIVINE	6.7
ROADRUNNER (PST-2ET)	8.3	DSV NA 9401	6.7
WILLIAMSBURG	8.3	DSV NA 9402	6.7
BRIGHTSTAR II (PST-2M3)	8.0	RIVIERA II	6.7
CHAPARRAL (PST-2DLM)	8.0	STALLION SUPREME (PSI-E-1)	6.7
LAREDO	8.0	TOP GUN (J-1703)	6.7
MARDIGRAS (ZPS-2NV)	8.0	TOP HAT	6.7
PENNANT II (MB 42)	8.0	ACADEMY (PC-93-1)	6.3
STARDANCE (PST-2FE)	8.0	ACHIEVER	6.3
APR 066	7.7	APR 106	6.3
APR 131	7.7	DANCER	6.3
CADDIESHACK (MED 5071)	7.7	ESQUIRE	6.3
HEAD START (PICK PR 84-91)	7.7	LINE DRIVE (MB 47)	6.3
KOOS 93-6	7.7	MORNING STAR	6.3
LRF-94-C8	7.7	PEGASUS	6.3
MB 44	7.7	PRECISION	6.3
OMEGA3 (ZPS-2DR-94)	7.7	WX3-91	6.3
PANTHER (ZPS-PR1)	7.7	BLAZER III (PICK 928)	6.0
PICK LP 102-92	7.7	CALYPSO II	6.0
PRIZM	7.7	CAS-LP23	6.0
PS-D-9	7.7	ELF	6.0
REPELL III (LRF-94-C7)	7.7	IMAGINE	6.0
SATURN II (ZPS-2ST)	7.7	MAJESTY (MB 43)	6.0
SECRETARIAT (RPBD)	7.7	MVF-4-1	6.0
ACCENT	7.3	OMNI	6.0
CITATION III (PST-2DGR)	7.3	SR 4400 (SRX 4400)	6.0
EDGE	7.3	VIVID	6.0
MB 45	7.3	WVPB-PR-C-2	6.0
PALMER III (LRF-94-MPRH)	7.3	WX3-93	6.0
PREMIER II (BAR USA 94-II)	7.3	EXCEL (MB 1-5)	5.7
SR 4010 (SRX 4010)	7.3	KOOS 93-3	5.7
SR 4200	7.3	NAVAJO	5.7
WVPB 92-4	7.3	BAR ER 5813	5.3
WVPB-93-KFK	7.3	NIGHT HAWK	5.3
APR 124	7.0	STALLION SELECT	5.3
ASSURE	7.0	FIGARO	4.0
J-1706	7.0	DLP 1305	3.0
NOBILITY	7.0		
PASSPORT (PST-2FF)	7.0	LSD VALUE	1.7
PENNFINE	7.0		
PST-2R3	7.0	CV (%)	14.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 25.

BROWN PATCH RATINGS OF PERENNIAL RYEGRASS CULTIVARS AT ORONO, ME 1/
 1996 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	AUGUST	SEPTEMBER	MEAN	NAME	JULY	AUGUST	SEPTEMBER	MEAN
IMAGINE	8.3	7.3	8.3	8.0	MANHATTAN 3	5.3	4.7	8.0	6.0
REPELL III (LRF-94-C7)	7.3	7.7	8.3	7.8	OMEGA3 (ZPS-2DR-94)	5.3	6.3	6.3	6.0
PALMER III (LRF-94-MPRH)	8.3	6.7	8.0	7.7	STALLION SUPREME (PSI-E-1)	6.0	6.0	6.0	6.0
TOP HAT	7.7	7.7	7.7	7.7	WIZARD (MB 41)	6.0	6.3	5.7	6.0
PREMIER II (BAR USA 94-II)	7.7	6.7	8.3	7.6	WX3-91	6.7	5.3	6.0	6.0
SECRETARIAT (RPBD)	8.0	8.0	6.7	7.6	ADVANTAGE	5.3	6.7	5.7	5.9
ESQUIRE	7.7	6.7	8.0	7.4	CITATION III (PST-2DGR)	5.3	6.0	6.3	5.9
MARDIGRAS (ZPS-2NV)	7.0	7.3	7.3	7.2	EXCEL (MB 1-5)	7.0	6.0	4.7	5.9
LRF-94-C8	6.7	6.7	8.0	7.1	STARDANCE (PST-2FE)	5.7	6.7	5.3	5.9
CATALINA (PST-GH-94)	7.3	6.7	7.3	7.1	APR 106	6.7	5.3	5.0	5.7
CALYPSO II	7.7	7.3	6.0	7.0	BLACKHAWK (TMI-EXFLP94)	6.7	5.0	5.3	5.7
CHAPARRAL (PST-2DLM)	7.0	7.7	6.3	7.0	PRIZM	4.7	5.3	7.0	5.7
ISI-MHB	7.7	7.0	6.3	7.0	SR 4010 (SRX 4010)	6.3	6.0	4.7	5.7
PICK LP 102-92	7.7	6.3	7.0	7.0	CAS-LP23	6.0	5.0	5.7	5.6
PRELUDE III (LRF-94-B6)	6.3	7.7	7.0	7.0	EDGE	5.7	5.0	6.0	5.6
TOP GUN (J-1703)	7.0	6.3	7.7	7.0	EXPRESS	5.7	5.0	6.0	5.6
CADDIESHACK (MED 5071)	7.3	7.0	6.3	6.9	LEGACY II (LESCO-TWF)	5.3	6.3	5.0	5.6
CUTTER	7.3	5.7	7.7	6.9	SR 4400 (SRX 4400)	5.7	4.7	6.3	5.6
LINE DRIVE (MB 47)	7.3	7.7	5.7	6.9	VIVID	6.7	5.7	4.3	5.6
MB 44	6.7	7.3	6.7	6.9	WVPB 92-4	6.0	4.7	6.0	5.6
WIND DANCER (MB 46)	6.7	8.0	6.0	6.9	R2 (ISI-R2)	6.3	4.7	5.3	5.4
ACADEMY (PC-93-1)	6.7	6.3	7.3	6.8	APR 124	6.0	5.0	5.0	5.3
J-1706	7.7	6.0	6.3	6.7	APR 131	5.7	5.0	5.3	5.3
MAJESTY (MB 43)	7.0	5.7	7.3	6.7	NIGHT HAWK	6.7	5.0	4.3	5.3
OMNI	8.0	5.0	7.0	6.7	DANCER	6.0	5.0	4.7	5.2
DIVINE	7.3	7.0	5.3	6.6	SATURN II (ZPS-2ST)	5.0	5.3	5.3	5.2
MB 45	5.7	7.7	6.3	6.6	WILLIAMSBURG	6.3	4.0	5.3	5.2
MVF-4-1	6.3	6.0	7.3	6.6	PST-2CB	5.0	5.3	5.0	5.1
PANTHER (ZPS-PR1)	7.3	5.3	7.0	6.6	WVPB-93-KFK	5.7	5.0	4.7	5.1
BRIGHTSTAR	7.3	6.3	5.7	6.4	WVPB-PR-C-2	5.7	4.7	5.0	5.1
BRIGHTSTAR II (PST-2M3)	6.0	6.3	7.0	6.4	APR 066	6.0	3.7	5.3	5.0
LAREDO	6.7	5.7	7.0	6.4	KOOS 93-3	5.3	4.7	5.0	5.0
NINE-O-ONE	6.0	6.3	7.0	6.4	NAVAJO	5.3	4.3	5.3	5.0
PENNANT II (MB 42)	6.7	6.3	6.3	6.4	DLP 1305	5.0	4.3	5.3	4.9
ROADRUNNER (PST-2ET)	5.7	6.7	7.0	6.4	PST-2R3	5.3	4.3	5.0	4.9
WIND STAR (PST-28M)	6.3	6.7	6.3	6.4	SATURN	6.0	3.7	5.0	4.9
ACCENT	7.0	5.0	7.0	6.3	BAR ER 5813	4.7	4.3	5.3	4.8
ACHIEVER	7.3	5.7	6.0	6.3	NOBILITY	4.7	3.7	5.7	4.7
ELF	7.0	6.7	5.3	6.3	PEGASUS	4.7	5.0	4.3	4.7
KOOS 93-6	7.7	4.7	6.7	6.3	STALLION SELECT	6.3	4.0	3.7	4.7
RIVIERA II	7.0	6.0	6.0	6.3	PRECISION	5.3	4.0	4.3	4.6
ASSURE	6.3	6.7	5.7	6.2	PENNFINE	4.7	3.3	4.7	4.2
BLAZER III (PICK 928)	6.7	6.0	6.0	6.2	FIGARO	3.7	2.3	4.7	3.6
MORNING STAR	7.0	5.3	6.3	6.2	DSV NA 9402	4.3	2.3	2.7	3.1
PASSPORT (PST-2FF)	7.0	6.3	5.3	6.2	DSV NA 9401	3.0	2.0	3.0	2.7
PS-D-9	7.0	6.0	5.7	6.2	LINN	2.0	1.7	2.0	1.9
SR 4200	6.7	5.0	7.0	6.2					
WX3-93	6.3	6.7	5.7	6.2	LSA VALUE	2.4	2.0	4.6	1.5
HEAD START (PICK PR 84-91)	5.7	6.3	6.3	6.1					
QUICKSTART	6.3	5.7	6.3	6.1	C.V. (%)	19.9	21.1	29.4	15.1

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 26. SUMMER (AUGUST) COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	GAI	NAME	GAI
BRIGHTSTAR II (PST-2M3)	7.0	CADDIESHACK (MED 5071)	4.7
WIND DANCER (MB 46)	7.0	EDGE	4.7
PRELUDE III (LRF-94-B6)	6.7	ELF	4.7
CHAPARRAL (PST-2DLM)	6.3	EXPRESS	4.7
EXCEL (MB 1-5)	6.3	KOOS 93-3	4.7
LINE DRIVE (MB 47)	6.3	MARDIGRAS (ZPS-2NV)	4.7
MAJESTY (MB 43)	6.3	NAVAJO	4.7
MB 44	6.3	PASSPORT (PST-2FF)	4.7
MB 45	6.3	PRECISION	4.7
PALMER III (LRF-94-MPRH)	6.3	PS-D-9	4.7
PREMIER II (BAR USA 94-II)	6.3	PST-2CB	4.7
REPELL III (LRF-94-C7)	6.3	RIVIERA II	4.7
ROADRUNNER (PST-2ET)	6.3	SATURN	4.7
CITATION III (PST-2DGR)	6.0	WIND STAR (EST-28M)	4.7
IMAGINE	6.0	WVPB-93-KFK	4.7
LRF-94-C8	6.0	WVPB-PR-C-2	4.7
MANHATTAN 3	6.0	WX3-91	4.7
CATALINA (PST-GH-94)	6.0	ACADEMY (PC-93-1)	4.3
DIVINE	5.7	APR 066	4.3
NINE-O-ONE	5.7	APR 131	4.3
PENNANT II (MB 42)	5.7	BAR ER 5813	4.3
QUICKSTART	5.7	BLACKHAWK (TMI-EXFLP94)	4.3
STARDANCE (PST-2FE)	5.7	BLAZER III (PICK 928)	4.3
WX3-93	5.7	ISI-MHB	4.3
APR 124	5.3	DLP 1305	4.3
BRIGHTSTAR	5.3	KOOS 93-6	4.3
CALYPSO II	5.3	MORNING STAR	4.3
PANTHER (ZPS-PR1)	5.3	NOBILITY	4.3
PRIZM	5.3	OMNI	4.3
PST-2R3	5.3	PEGASUS	4.3
VIVID	5.3	SATURN II (ZPS-2ST)	4.3
ADVANTAGE	5.0	SECRETARIAT (RPBD)	4.3
CAS-LP23	5.0	SR 4400 (SRX 4400)	4.3
CUTTER	5.0	ASSURE	4.0
ESQUIRE	5.0	DANCER	4.0
HEAD START (PICK PR 84-91)	5.0	DSV NA 9402	4.0
J-1706	5.0	FIGARO	4.0
LAREDO	5.0	MVF-4-1	4.0
LEGACY II (LESCO-TWF)	5.0	SR 4200	4.0
NIGHT HAWK	5.0	STALLION SELECT	4.0
OMEGA3 (ZPS-2DR-94)	5.0	STALLION SUPREME (PSI-E-1)	4.0
PICK LP 102-92	5.0	WILLIAMSBURG	4.0
R2 (ISI-R2)	5.0	WVPB 92-4	4.0
SR 4010 (SRX 4010)	5.0	DSV NA 9401	3.7
TOP GUN (J-1703)	5.0	LINN	2.7
TOP HAT	5.0	PENNFINE	2.3
WIZARD (MB 41)	5.0		
ACCENT	4.7	LSD VALUE	1.2
ACHIEVER	4.7		
APR 106	4.7	C.V. (%)	15.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 27. LEAF RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 1996 DATA
 LEAF RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	AR1	NAME	AR1
DLP 1305	8.3	DIVINE	6.7
NINE-O-ONE	8.3	MB 44	6.7
OMEGA3 (ZPS-2DR-94)	8.3	MB 45	6.7
BRIGHTSTAR II (PST-2M3)	8.0	MVF-4-1	6.7
CUTTER	8.0	PRIZM	6.7
LINN	8.0	PS-D-9	6.7
PALMER III (LRF-94-MPRH)	8.0	SR 4010 (SRX 4010)	6.7
PST-2R3	8.0	WIND STAR (PST-28M)	6.7
REPELL III (LRF-94-C7)	8.0	CAS-LP23	6.3
STARDANCE (PST-2FE)	8.0	ISI-MHB	6.3
CALYPSO II	7.7	ESQUIRE	6.3
DSV NA 9402	7.7	KOOS 93-6	6.3
FIGARO	7.7	PASSPORT (PST-2FF)	6.3
IMAGINE	7.7	PRELUDE III (LRF-94-B6)	6.3
MANHATTAN 3	7.7	RIVIERA II	6.3
MARDIGRAS (ZPS-2NV)	7.7	SECRETARIAT (RPBD)	6.3
WIND DANCER (MB 46)	7.7	STALLION SUPREME (PSI-E-1)	6.3
APR 066	7.3	WIZARD (MB 41)	6.3
BRIGHTSTAR	7.3	WVPB-93-KFK	6.3
ELF	7.3	WX3-91	6.3
EXCEL (MB 1-5)	7.3	ACADEMY (PC-93-1)	6.0
J-1706	7.3	APR 106	6.0
LAREDO	7.3	ASSURE	6.0
LEGACY II (LESCO-TWF)	7.3	MAJESTY (MB 43)	6.0
LINE DRIVE (MB 47)	7.3	NIGHT HAWK	6.0
NAVAJO	7.3	QUICKSTART	6.0
PRECISION	7.3	SATURN II (ZPS-2ST)	6.0
PST-2CB	7.3	STALLION SELECT	6.0
CATALINA (PST-GH-94)	7.3	TOP HAT	6.0
ROADRUNNER (PST-2ET)	7.3	EDGE	5.7
WVPB-PR-C-2	7.3	EXPRESS	5.7
WX3-93	7.3	MORNING STAR	5.7
ADVANTAGE	7.0	OMNI	5.7
BLACKHAWK (TMI-EXFLP94)	7.0	PICK LP 102-92	5.7
BLAZER III (PICK 928)	7.0	TOP GUN (J-1703)	5.7
CITATION III (PST-2DGR)	7.0	WILLIAMSBURG	5.7
DSV NA 9401	7.0	ACHIEVER	5.3
HEAD START (PICK PR 84-91)	7.0	R2 (ISI-R2)	5.3
LRF-94-C8	7.0	ACCENT	5.0
PANTHER (ZPS-PR1)	7.0	KOOS 93-3	5.0
PEGASUS	7.0	NOBILITY	5.0
PENNANT II (MB 42)	7.0	PENNFINE	5.0
PREMIER II (BAR USA 94-II)	7.0	SATURN	5.0
SR 4200	7.0	VIVID	5.0
APR 124	6.7	WVPB 92-4	5.0
APR 131	6.7	SR 4400 (SRX 4400)	4.0
BAR ER 5813	6.7		
CADDIESHACK (MED 5071)	6.7	LSD VALUE	1.9
CHAPARRAL (PST-2DLM)	6.7		
DANCER	6.7	C.V. (%)	17.9

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).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.

TABLE 28. MOWING QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
1996 DATA
MOWING QUALITY RATINGS 1-9; 9=BEST 2/

NAME	WA3	NAME	WA3
CALYPSO II	7.7	CAS-LP23	6.3
PALMER III (LRF-94-MPRH)	7.7	CHAPARRAL (PST-2DLM)	6.3
DIVINE	7.3	DLP 1305	6.3
MAJESTY (MB 43)	7.3	EDGE	6.3
PREMIER II (BAR USA 94-II)	7.3	EXPRESS	6.3
BLACKHAWK (TMI-EXFLP94)	7.0	IMAGINE	6.3
ISI-MHB	7.0	LAREDO	6.3
EXCEL (MB 1-5)	7.0	MB 45	6.3
HEAD START (PICK PR 84-91)	7.0	NIGHT HAWK	6.3
LINE DRIVE (MB 47)	7.0	OMEGA3 (ZPS-2DR-94)	6.3
MANHATTAN 3	7.0	PASSPORT (PST-2FF)	6.3
MB 44	7.0	PRELUDE III (IRF-94-B6)	6.3
MVF-4-1	7.0	R2 (ISI-R2)	6.3
NINE-O-ONE	7.0	ROADRUNNER (PST-2ET)	6.3
PANTHER (ZPS-PR1)	7.0	SR 4010 (SRX 4010)	6.3
PENNANT II (MB 42)	7.0	VIVID	6.3
SECRETARIAT (RPBD)	7.0	ACADEMY (PC-93-1)	6.0
SR 4200	7.0	ACCENT	6.0
WIND STAR (PST-28M)	7.0	ESQUIRE	6.0
WVPB-PR-C-2	7.0	KOOS 93-3	6.0
ASSURE	6.7	MORNING STAR	6.0
BLAZER III (PICK 928)	6.7	NOBILITY	6.0
BRIGHTSTAR	6.7	PRIZM	6.0
BRIGHTSTAR II (PST-2M3)	6.7	CATALINA (PST-GH-94)	6.0
CITATION III (PST-2DGR)	6.7	STALLION SELECT	6.0
CUTTER	6.7	STARDANCE (PST-2FE)	6.0
ELF	6.7	WX3-91	6.0
J-1706	6.7	WX3-93	6.0
LEGACY II (LESCO-TWF)	6.7	ACHIEVER	5.7
LRF-94-C8	6.7	KOOS 93-6	5.7
MARDIGRAS (ZPS-2NV)	6.7	PST-2CB	5.7
OMNI	6.7	STALLION SUPREME (PSI-E-1)	5.7
PICK LP 102-92	6.7	TOP GUN (J-1703)	5.7
PRECISION	6.7	DANCER	5.3
PST-2R3	6.7	NAVAJO	5.3
REPELL III (LRF-94-C7)	6.7	PEGASUS	5.3
RIVIERA II	6.7	PS-D-9	5.3
SATURN	6.7	QUICKSTART	5.3
SATURN II (ZPS-2ST)	6.7	WVPB-93-KFK	5.3
SR 4400 (SRX 4400)	6.7	APR 066	5.0
TOP HAT	6.7	BAR ER 5813	5.0
WILLIAMSBURG	6.7	PENNFINE	4.7
WIND DANCER (MB 46)	6.7	DSV NA 9402	4.0
WIZARD (MB 41)	6.7	FIGARO	4.0
WVPB 92-4	6.7	DSV NA 9401	3.3
ADVANTAGE	6.3	LINN	2.7
APR 106	6.3		
APR 124	6.3	LSD VALUE	1.0
APR 131	6.3		
CADDIESHACK (MED 5071)	6.3	C.V. (%)	10.4

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).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEANS IN EACH COLUMN.