

## 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 United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

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

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## **A Guide to NTEP Turfgrass Ratings**

### **Introduction**

The quality and scientific merit of NTEP data is extremely important. However, the evaluation of turfgrass species and cultivars is a difficult and complex issue. Furthermore, turfgrass evaluation is generally a subjective process based on visual estimates of factors, like genetic color, stand density, leaf texture, uniformity and quality. These factors can not be measured in the same way as other agricultural crops. Turfgrass quality is not a measure of yield or nutritive value. Turfgrass quality is a measure of aesthetics (i.e. density, uniformity, texture, smoothness, growth habit and color), and functional use. The most common way of assessing turfgrass quality is a visual rating system that is based on the turfgrass evaluator's judgement.

### **General Considerations**

Most visual ratings collected on NTEP trials are based on a 1 to 9 rating scale. One is the poorest or lowest and 9 is the best or highest rating. However, a few characteristics, such as winter kill or percent living ground cover, are rated on a percentage basis, again by using the evaluator's judgement. Most disease ratings found in NTEP reports will use the 1-9 scale, 9=no disease except where the evaluator made a judgement of the percentage of disease in each plot. Percent disease data will be found in separate tables and will normally not be included with disease data using the 1-9 scale.

### **Turfgrass Quality**

Turfgrass Quality is based on 9 being outstanding or ideal turf and 1 being poorest or dead. A rating of 6 or above is generally considered acceptable. A quality rating value of 9 is reserved for a perfect or ideal grass, but it also can reflect an absolutely outstanding treatment plot. The NTEP requires quality ratings on a monthly basis. Quality ratings take into account the aesthetic and functional aspects of the turf. Quality ratings are not based on color alone, but on a combination of color, density, uniformity, texture, and disease or environmental stress.

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2001 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

### **Other Ratings**

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

## 2004 NATIONAL PERENNIAL RYEGRASS TEST

### LOCATIONS SUBMITTING DATA FOR 2007

<u>State</u>	<u>Location</u>	<u>Code</u>
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Michigan	East Lansing (Traffic Study)	MI2
Minnesota	St. Paul	MN1
Missouri	Columbia	MO1
Nebraska	Mead	NE1
Nebraska	Mead (Traffic Study)	NE2
New Jersey	North Brunswick	NJ1
New York	Ithaca	NY1
New York	Ithaca (Traffic Study)	NY2
Oklahoma	Stillwater	OK1
Oregon	Corvallis	OR1
Pennsylvania	University Park	PA1
Rhode Island	Kingston	RI1
South Dakota	Brookings	SD1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup (Traffic Study)	WA3
Wisconsin	Madison	WI1

## 2004 NATIONAL PERENNIAL RYEGRASS TEST

### Entries and Sponsors

Entry No.	Name	Sponsor	Entry No.	Name	Sponsor	Entry No.	Name	Sponsor
1	LPR 02203	Euro Grass Breeding	*41	AllStar 3 (IS-PR 274)	DLF International Seeds	*81	Silver Dollar	Turf-Seed, Inc.
*2	Panther	Standard Entry	*42	Amazing GS (IS-PR 276)	Ampac Seed Co.	*82	Gray Star (PST-2LGL)	Turf-Seed, Inc.
3	Manhattan II	Standard Entry	*43	Keystone 2 (IS-PR 312)	DLF International Seeds	*83	Quicksilver	Turf-Seed, Inc.
*4	Pizzazz	Turf Merchants, Inc.	*44	Primary (IS-PR 269)	Columbia Seeds LLC	*84	Premier II	Barenbrug USA
*5	Affinity	Turf Merchants, Inc.	*45	Derby Xtreme (IS-PR 268)	DLF International Seeds	*85	Pinnacle II	Barenbrug USA
*6	Paragon GLR	Turf Merchants, Inc.	*46	Stellar GL (IS-PR 236)	Mountain View Seeds	*86	Barlennium	Barenbrug USA
*7	Protege GLR	Turf Merchants, Inc.	*47	Cabo II (IS-PR 233)	Grasslands Oregon	87	BAR Lp 4317	Barenbrug USA
*8	Exacta II GLSR (LTP-611-GLSR)	Lebanon Seaboard Corp.	*48	Kokomo II (IS-PR 235)	Grasslands Oregon	88	BAR Lp 4420	Barenbrug USA
9	ES45	Bailey Seeds	*49	Buena Vista	Burlingham Seeds, LLC	89	BAR Lp 4920	Barenbrug USA
10	TR47	Bailey Seeds	*50	Fusion	Burlingham Seeds, LLC	90	SRX 4682	Seed Research of Oregon
*11	Presidio (CNV)	Columbia Seeds LLC	*51	Charismatic II GLSR (LTP-PG-GLSR)	Lebanon Seaboard Corp.	*91	Hawkeye 2 (SRX 4692)	Seed Research of Oregon
*12	FiJi (GPR)	Grasslands Oregon	*52	Secretariat II GLSR (LTP-101-GLSR)	Lebanon Seaboard Corp.	*92	SR 4600 (SRX 4SP)	Seed Research of Oregon
*13	Halo (KN42)	Kenako Seeds, Inc.	*53	Caddieshack II (JR-163)	Jacklin Seed/Simplot	*93	Harrier (SRX 4UP3)	Seed Research of Oregon
14	VB99	Landmark Seed Company	*54	Goalkeeper II (JR-114)	Jacklin Seed/Simplot	94	PM 102	Pickseed
15	Majesty II (VB77)	Landmark Seed Company	*55	La Quinta (JR-255)	Jacklin Seed/Simplot	*95	Headstart 2	Seed Research of Oregon
*16	Wayfarer (L44)	LESCO, Inc.	*56	Overdrive	Burlingham Seeds, LLC	*96	Calypto 3 (MS2)	Pickseed
*17	ASP6003 (TRS)	Allied Seed	57	PST-217	Pure-Seed Testing, Inc.	*97	Repell GLS	ProSeeds Marketing
*18	ASP6002 (BPR)	Allied Seed	*58	Manhattan 5 GLR (PST-2AM)	Pure-Seed Testing, Inc.	*98	Panther GLS	ProSeeds Marketing
*19	ASP6005 (AJM)	Allied Seed	59	PST-2BLK	Pure-Seed Testing, Inc.	*99	GL-2	ProSeeds Marketing
*20	ASP6006 (LPGF)	Allied Seed	*60	Gray Fox (PST-2MNG)	Scotts Turf-Seed	*100	RNS	ProSeeds Marketing
*21	ASP6004 (EXS54)	Allied Seed	61	PST-2AG4	Pure-Seed Testing, Inc.	*101	Palmer IV	ProSeeds Marketing
*22	ASP6001 (RTS)	Allied Seed	*62	Grand Slam 2 (PST-2GSM)	Mountain View Seed, Ltd	*102	Line Drive GLS (APR 1797)	ProSeeds Marketing
*23	Wind Dance 2 (PWDR)	Pennington Seed Company	63	PST-2LAN	Brett-Young Seed Limited	*103	Edge II (AC2)	Pickseed
*24	Nexus XD (SP4)	Smith Seed Services	*64	Ringer II (04-BEN)	Oregro Seed, Inc.	*104	Pleasure Supreme (PM 103)	Ampac
*25	Nexus XR (SNR)	Smith Seed Services	*65	Brea (04-BRE)	Oregro Seed, Inc.	105	E-99	Ultra-Turf
*26	Phenom (APR 1660)	Ampac Seed Company	*66	Sunshine 2	Pickseed	106	D04-LP05	The Scotts Company
*27	Delaware XL (Pick 01-2)	Ampac Seed Company	*67	Fiesta 4 (Pick F4)	Pickseed	*107	Defender (D04-UP)	The Scotts Company
*28	Accent II (JR-119)	Jacklin Seed/Simplot	68	Pick 02-R	Pickseed	*108	Uno (D04-11T)	The Scotts Company
*29	Top Gun II (JR-324)	Jacklin Seed/Simplot	*69	Firebolt (PRG HS-01-09)	Seed Research of Oregon	*109	Transformer (D04-1667)	The Scotts Company
*30	Revenge GLX (JR-348)	Jacklin Seed/Simplot	*70	Cutter II (PM 101)	Pickseed	*110	Inspire	The Scotts Company
*31	Monterey 3 (JR-408)	Jacklin Seed/Simplot	*71	Dart (APR 1663)	Mountain View Seeds	*111	Pentium	The Scotts Company
*32	DP1	Pennington Seed Company	*72	Apple GL (AAZ-B104)	Z Seeds/Mountain View Seeds	112	APR 1648	Ultra-Turf
33	MMW	Pennington Seed Company	*73	Homerun (RG3P)	Mountain View Seeds	113	APR 1670	Lewis Seed Co.
*34	1G Squared (APR 1664)	Pennington Seed Company	74	DCM	LESCO, Inc.	*114	Premier	Standard Entry
*35	Mach I	Standard Entry	75	AF	LESCO, Inc.	*115	Pinnacle	Standard Entry
*36	Dasher 3 (Pick RB-1)	Pickseed	76	PS-2	LESCO, Inc.	*116	Linn	Standard Entry
*37	Zoom (LCK)	Seed Research of Oregon	*77	Palmer III	Standard Entry	117	DP 17-9499	DLF-Trifolium A/S
*38	Regal 5 (IS-PR 271)	DLF International Seed, Inc.	78	RAD-PR8	Radix Research, Inc.	118	Galatti (DP 17-9502)	DLF-Trifolium A/S
*39	Palace (IS-PR 273)	Columbia Seeds LLC	*79	Brightstar SLT	Turf-Seed, Inc.	119	Pianist (DP 17-9505)	DLF-Trifolium A/S
*40	Attribute (IS-PR 270)	LESCO, Inc.	*80	Citation Fore	Turf-Seed, Inc.	120	DP 17-9788	DLF-Trifolium A/S

\* COMMERCIALY AVAILABLE IN THE USA IN 2008.

PLEASE NOTE: Data from Entry 3 (Manhattan II) is not included due to poor seed germination.

TABLE A.

2007 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2004 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
IA1	LOAM	7.1-7.5	0-60	0-150	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	151-270	376-500	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
MA1	LOAM	5.6-6.0	0-60	241-375	1.1-2.0	FULL SUN	2.1-2.5	NO IRRIGATION
MD1	SILT LOAM AND SILT	5.6-6.0	61-150	0-150	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MI2	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MN1	SILTY CLAY LOAM	7.1-7.5	61-150	151-240	3.1-4.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
M01	SILT LOAM AND SILT	6.1-6.5	0-60	151-240	2.1-3.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
NE1	SILTY CLAY AND CLAY	6.6-7.0	0-60	0-150	0.0-1.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NE2	SILTY CLAY AND CLAY	6.6-7.0	0-60	0-150	0.0-1.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	151-270	151-240	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NY2	SANDY LOAM	6.1-6.5	151-270	241-375	0.0-1.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
OK1	LOAM	7.1-7.5	61-150	501+	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
OR1	SILTY CLAY LOAM	5.6-6.0	61-150	501+	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
PA1	SILTY CLAY LOAM	6.6-7.0	151-270	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
RI1	SANDY LOAM	-	-	-	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
SD1	SILTY CLAY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
UT1	SILT LOAM AND SILT	7.6-8.5	61-150	151-240	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
VA1	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
WA3	SAND	4.6-5.5	0-60	0-150	8.1+	FULL SUN	1.1-1.5	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2007

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	LEAF TEXTURE
IA1				X	X	X	X	X	X	X			X		X
IL1				X	X	X	X	X	X	X			X		
IL2			X	X	X	X	X	X	X	X	X		X	X	
IN1				X	X	X	X	X	X	X			X	X	
KY1			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					
MI1				X	X	X			X	X	X		X	X	X
MI2															
MN1					X	X	X	X	X	X			X		
MO1			X	X	X	X	X	X	X	X			X		X
NE1				X	X	X	X	X	X	X			X	X	
NE2				X	X	X	X	X	X	X			X	X	
NJ1				X	X	X	X	X	X	X	X		X	X	
NY1				X	X	X	X	X	X	X				X	
NY2					X	X	X	X	X	X				X	
OK1				X	X	X	X	X	X	X	X	X		X	
OR1	X	X	X	X	X	X	X	X	X	X	X	X	X		
PA1					X	X	X	X	X	X	X		X		
RI1					X	X	X	X	X	X	X		X	X	
SD1								X	X				X		
UT1				X	X	X	X	X	X	X	X		X	X	
VA1		X	X	X	X	X	X	X	X	X			X	X	
WA1				X	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			X	X	



TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2007

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	TYPHULA BLIGHT	STEM RUST	DOLLAR SPOT	RED THREAD
IA1												
IL1												
IL2												
IN1												
KY1												
MA1						X			X		X	
MD1												
MI1	X		X	X		X						
MI2					X	X						
MN1												
MO1				X	X	X						
NE1	X	X	X								X	
NE2	X	X	X								X	
NJ1												X
NY1												
NY2												
OK1				X	X	X	X			X	X	
OR1												X
PA1												
RI1				X								
SD1					X	X		X				
UT1												
VA1						X	X				X	X
WA1												
WA3												
WI1												

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2007

LOCATION	PINK SNOW MOLD	SEEDHEAD RATINGS	POA ANNUA	YELLOW PATCH	SNOW MOLD	PERCENT ANTHRACNOSE
IA1						
IL1						
IL2						
IN1						
KY1						
MA1		X	X			
MD1						
MI1						
MI2						
MN1	X					
MO1						
NE1				X		
NE2				X		
NJ1						
NY1						
NY2						
OK1						
OR1						
PA1						
RI1						X
SD1						
UT1					X	
VA1						
WA1						
* WA3						
WI1						

\* ADDITIONAL DATA FOR WA3 CAN BE FOUND IN TABLE 12.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN AT SEVEN LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE A (HIGH MAINTENANCE/FAIRWAY)" \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IN1	KY1	MD1	NE1	RI1	SD1	UT1	MEAN
* AMAZING GS (IS-PR 276)	7.2	6.5	6.6	6.9	6.3	6.5	6.2	6.6
* DP1	6.8	7.2	6.6	7.0	6.2	6.5	5.5	6.5
* FIESTA 4 (PICK F4)	7.3	6.3	6.6	6.1	6.4	6.5	6.1	6.5
* EXACTA II GLSR (LTP-611-GLSR)	7.2	6.5	6.2	6.8	5.9	6.3	6.3	6.5
* PALMER IV	7.7	5.8	6.2	6.6	6.4	5.8	6.6	6.4
* UNO (D04-11T)	7.3	5.5	7.0	6.7	6.4	6.0	6.1	6.4
* PARAGON GLR	7.4	6.3	6.8	6.5	6.1	5.8	6.0	6.4
* DERBY XTREME (IS-PR 268)	7.4	5.8	7.1	6.3	6.5	6.0	5.6	6.4
* ALLSTAR 3 (IS-PR 274)	7.3	6.5	6.0	7.0	6.4	6.0	5.3	6.4
* SILVER DOLLAR	6.8	6.3	6.5	6.9	6.4	6.3	5.2	6.3
* ATTRIBUTE (IS-PR 270)	7.0	5.8	5.7	6.5	6.5	7.0	5.4	6.3
* HOMERUN (RG3P)	7.1	6.1	7.0	6.1	6.4	5.8	5.3	6.3
* ZOOM (LCK)	7.2	6.1	6.3	6.4	6.0	6.7	5.1	6.3
* APPLE GL (AAZ-B104)	6.7	6.9	6.9	5.9	6.4	5.7	5.3	6.3
* PALACE (IS-PR 273)	7.1	5.2	6.3	6.9	6.5	5.8	6.0	6.2
* DASHER 3 (PICK RB-1)	7.4	6.0	6.8	5.8	6.0	5.8	6.0	6.2
MMW	7.2	6.1	6.0	6.0	6.5	5.8	6.0	6.2
* TRANSFORMER (D04-1667)	6.7	6.7	6.2	6.1	6.0	5.8	6.0	6.2
* REVENGE GLX (JR-348)	7.4	5.6	6.4	6.2	6.3	6.3	5.3	6.2
* PRIMARY (IS-PR 269)	7.2	6.3	6.4	6.1	6.2	5.8	5.5	6.2
* HARRIER (SRX 4UP3)	6.8	7.1	6.1	5.7	5.7	6.2	5.8	6.2
* KEYSTONE 2 (IS-PR 312)	6.9	5.9	6.9	6.2	6.2	6.2	5.1	6.2
* OVERDRIVE	7.1	6.1	5.8	6.3	5.9	6.2	6.0	6.2
* ASP6004 (EXS54)	7.5	5.1	6.2	6.8	6.2	6.2	5.3	6.2
* RNS	6.8	6.2	6.5	6.3	6.0	5.5	5.9	6.2
* PROTEGE GLR	7.2	5.9	6.5	6.4	6.5	6.3	4.5	6.2
* REGAL 5 (IS-PR 271)	7.2	5.5	6.4	5.7	6.5	5.7	6.1	6.2
* CABO II (IS-PR 233)	7.5	5.5	6.1	6.3	6.0	6.0	5.8	6.2
DCM	7.0	5.8	6.3	5.6	6.2	6.2	6.0	6.1
* STELLAR GL (IS-PR 236)	7.1	5.6	6.0	6.4	6.5	5.7	5.6	6.1
* FIJI (GPR)	7.7	4.7	6.0	7.0	6.2	6.0	5.4	6.1
* 1G SQUARED (APR 1664)	6.7	6.2	6.0	6.0	6.0	5.8	6.2	6.1
* GRAND SLAM 2 (PST-2GSM)	6.9	6.5	6.4	6.4	6.0	5.0	5.7	6.1
AF	7.3	6.5	6.3	5.7	6.2	6.5	4.3	6.1
* CALYPSO 3 (MS2)	7.8	4.0	6.2	6.4	6.3	6.3	5.7	6.1
* DART (APR 1663)	6.4	5.6	6.4	6.4	6.1	5.8	6.0	6.1
* MAJESTY II (VB77)	7.6	5.2	5.7	7.0	6.0	5.7	5.6	6.1
* LINE DRIVE GLS (APR 1797)	7.2	6.6	6.3	6.2	5.3	5.3	5.6	6.1
* PANTHER GLS	6.5	6.8	5.9	6.3	5.7	6.0	5.3	6.1
* EDGE II (AC2)	7.0	5.2	5.8	6.8	6.4	6.0	5.4	6.1
* PLEASURE SUPREME (PM 103)	7.3	4.5	5.9	6.8	6.4	6.0	5.6	6.1
* KOKOMO II (IS-PR 235)	7.4	5.7	6.0	6.4	6.1	5.7	5.1	6.1
* GL-2	6.9	6.0	6.6	6.1	5.5	6.2	5.1	6.0
VB99	7.8	4.3	5.3	6.7	6.1	6.2	6.0	6.0
* SR 4600 (SRX 4SP)	6.7	6.8	5.9	5.9	5.7	5.3	5.9	6.0

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT SEVEN LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE A (HIGH MAINTENANCE/FAIRWAY)" \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IN1	KY1	MD1	NE1	RI1	SD1	UT1	MEAN
* PHENOM (APR 1660)	6.6	6.4	7.0	5.8	5.1	6.2	5.2	6.0
* REPELL GLS	6.9	5.7	6.2	5.8	5.8	6.2	5.6	6.0
* CUTTER II (PM 101)	7.4	4.4	5.4	7.0	6.1	5.8	5.9	6.0
* PRESIDIO (CNV)	7.0	4.5	6.4	7.0	6.2	6.3	4.6	6.0
TR47	7.2	4.6	5.9	6.9	6.2	6.3	4.8	6.0
* BUENA VISTA	6.8	5.3	6.4	6.5	5.7	5.7	5.5	6.0
PST-2LAN	6.5	5.5	5.9	6.1	6.1	6.0	5.5	6.0
* CITATION FORE	6.6	6.0	6.1	5.9	5.9	5.8	5.3	5.9
* GRAY FOX (PST-2MNG)	6.4	6.1	6.1	6.1	6.3	5.5	5.0	5.9
* NEXUS XR (SNR)	7.1	4.5	6.0	6.6	5.9	5.5	5.9	5.9
* RINGER II (04-BEN)	7.0	4.9	5.7	6.5	5.7	6.0	5.5	5.9
* WIND DANCE 2 (PWDR)	7.5	4.4	5.6	6.3	6.2	5.8	5.5	5.9
* ACCENT II (JR-119)	6.2	5.1	6.7	6.4	5.8	5.7	5.4	5.9
DP 17-9499	6.8	4.1	6.7	6.0	5.6	6.2	5.8	5.9
* HAWKEYE 2 (SRX 4692)	6.6	6.3	6.1	5.7	5.6	5.5	5.5	5.9
* FUSION	6.7	4.8	6.4	6.7	5.9	5.8	5.0	5.9
* SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	6.5	5.5	5.8	5.4	5.8	5.1	5.9
* NEXUS XD (SP4)	7.4	4.0	5.5	6.8	6.2	6.0	5.0	5.9
PST-217	6.7	5.5	5.7	6.4	5.7	5.7	5.3	5.9
* TOP GUN II (JR-324)	7.0	4.3	5.6	6.9	5.8	6.0	5.3	5.8
* CHARISMATIC II GLSR (LTP-PG-GLSR)	6.3	6.5	5.4	6.2	5.7	6.3	4.5	5.8
APR 1670	6.0	6.3	6.6	5.8	5.3	5.3	5.5	5.8
* CADDIESHACK II (JR-163)	6.9	5.1	5.5	5.5	5.5	5.8	6.4	5.8
* PENTIUM	6.3	5.0	5.9	6.1	5.8	6.0	5.6	5.8
WAYFARER (L44)	7.5	4.6	5.4	6.7	6.0	5.7	4.9	5.8
ES45	6.8	4.9	6.0	6.9	6.0	5.8	4.4	5.8
* DEFENDER (D04-UP)	6.6	5.0	6.0	5.9	5.5	6.2	5.5	5.8
APR 1648	7.0	4.8	5.1	6.9	5.0	6.0	5.8	5.8
PST-2AG4	6.7	5.2	6.3	6.4	5.7	5.8	4.5	5.8
* ASP6006 (LPFG)	7.7	3.5	6.0	6.5	5.9	5.7	5.2	5.8
* ASP6003 (TRS)	7.6	3.6	5.9	6.6	6.0	5.8	4.8	5.8
* ASP6001 (RTS)	7.0	3.9	5.0	7.0	6.1	5.8	5.1	5.7
* FIREBOLT (PRG HS-01-09)	7.3	4.3	4.9	5.9	6.1	6.0	5.5	5.7
RAD-PR8	6.4	5.2	5.6	5.9	5.9	5.8	5.2	5.7
* PIANIST (DP 17-9505)	6.1	4.0	6.1	5.9	5.2	7.0	5.5	5.7
* INSPIRE	6.7	4.1	6.0	5.8	5.7	5.7	5.9	5.7
* BARLENNIUM	6.3	4.6	5.5	5.7	5.8	5.5	6.3	5.7
* PINNACLE II	6.9	5.4	5.7	5.5	5.7	6.3	4.3	5.7
* ASP6002 (BPR)	6.9	4.1	5.9	6.4	6.1	5.0	5.3	5.7
* GRAY STAR (PST-2LGL)	6.1	4.9	5.4	6.3	6.0	5.8	5.2	5.7
* LA QUINTA (JR-255)	7.6	4.4	5.8	5.6	5.3	5.7	5.3	5.7
PST-2BLK	6.6	5.8	5.9	6.3	5.5	5.5	4.1	5.7
* MONTEREY 3 (JR-408)	6.7	4.0	5.4	6.3	5.6	5.8	5.8	5.7
* MACH I	7.3	4.8	4.5	6.0	6.1	5.8	5.1	5.7
BAR LP 4317	6.2	5.6	5.8	5.3	5.1	6.2	5.1	5.6
* DELAWARE XL (PICK 01-2)	7.3	4.3	6.0	5.8	5.1	6.0	4.8	5.6

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT SEVEN LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE A (HIGH MAINTENANCE/FAIRWAY)" \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IN1	KY1	MD1	NE1	RI1	SD1	UT1	MEAN
* PIZAZZ	6.9	2.7	6.0	6.1	5.9	6.0	5.7	5.6
* HALO (KN42)	7.4	3.7	5.6	6.9	5.8	5.5	4.3	5.6
* QUICKSILVER	7.2	3.3	5.2	6.3	5.9	6.3	4.9	5.6
* BREA (04-BRE)	6.5	4.8	5.0	5.9	5.6	5.8	5.5	5.6
BAR LP 4420	6.4	4.7	5.2	6.0	5.1	6.0	5.6	5.6
SRX 4682	6.5	5.6	5.8	5.5	5.3	4.5	5.8	5.6
* PREMIER II	6.7	4.9	5.0	5.8	5.4	5.8	5.4	5.6
PM 102	6.8	3.3	5.4	6.2	6.0	6.0	5.2	5.6
* SUNSHINE 2	6.9	4.4	4.4	6.2	5.7	5.8	5.3	5.5
E-99	6.5	4.0	5.8	6.5	5.6	5.7	4.8	5.5
* ASP6005 (AJM)	7.1	3.9	4.9	6.2	5.9	6.5	4.1	5.5
D04-LP05	6.4	3.8	5.8	6.3	5.5	6.0	4.9	5.5
* HEADSTART 2	7.1	3.8	5.8	5.8	5.7	5.8	4.6	5.5
* MANHATTAN 5 GLR (PST-2AM)	6.3	6.4	5.9	5.6	5.4	4.0	5.0	5.5
* GALATTI (DP 17-9502)	6.1	4.1	5.5	5.0	5.6	6.5	5.5	5.5
DP 17-9788	6.0	5.3	6.0	5.3	5.6	4.5	5.4	5.5
PS-2	6.8	4.4	5.1	5.8	5.6	5.7	4.8	5.4
* GOALKEEPER II (JR-114)	7.0	4.4	4.5	5.2	5.6	6.0	4.6	5.3
PICK 02-R	7.2	2.8	4.2	5.9	6.0	6.3	4.8	5.3
* BRIGHTSTAR SLT	5.9	3.1	5.8	5.8	6.0	5.5	5.1	5.3
* PALMER III	5.7	4.3	6.1	5.3	5.5	5.5	4.6	5.3
* PANTHER	5.7	3.0	4.8	5.3	5.0	6.5	5.1	5.1
LPR 02203	5.1	.	4.0	5.2	4.5	5.5	5.0	4.9
BAR LP 4920	6.0	2.5	4.0	5.4	5.4	5.5	5.3	4.9
* AFFINITY	4.5	4.9	5.1	4.9	4.8	5.0	4.8	4.9
* PREMIER	4.3	4.3	4.8	4.8	4.8	4.7	4.4	4.6
* PINNACLE	3.8	3.8	3.8	4.4	4.2	4.0	4.6	4.1
* LINN	2.0	1.1	2.0	2.9	2.3	3.0	3.8	2.4
LSD VALUE	0.7	1.3	1.1	0.9	0.7	1.0	1.4	0.4
C.V. (%)	6.5	14.7	12.2	9.4	7.4	9.4	16.7	11.0

\* COMMERCIALY AVAILABLE IN THE USA IN 2008.

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 MEAN IN EACH COLUMN.

\*\*/ SCHEDULE A

1/2 - 3/4 INCH MOWING HEIGHT  
 1/2 - 3/4 lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH  
 IRRIGATION TO PREVENT STRESS OR DORMANCY  
 FUNGICIDES ONLY TO PREVENT SEVERE STAND LOSS  
 INSECTICIDES ONLY TO PREVENT STAND LOSS  
 WEED CONTROL APPLIED AS NEEDED TO PREVENT STAND LOSS

TABLE 2.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE B (MEDIUM MAINTENANCE/ATHLETIC FIELD)" \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	IL2	MI1	NJ1	OR1	PA1	VA1	WA1	WI1	MEAN
ZOOM (LCK)	6.7	6.9	6.3	7.0	7.3	7.9	5.2	5.7	7.0	6.7
ALLSTAR 3 (IS-PR 274)	6.0	6.1	6.3	6.7	7.1	7.6	5.9	6.1	7.1	6.5
HOMERUN (RG3P)	6.3	6.7	6.6	6.5	7.3	7.7	6.1	5.8	5.4	6.5
REVENGE GLX (JR-348)	5.9	6.6	6.4	6.6	6.8	7.9	5.6	5.8	6.8	6.5
KOKOMO II (IS-PR 235)	6.2	6.4	6.6	6.0	7.4	7.5	5.7	5.9	6.6	6.5
FIESTA 4 (PICK F4)	6.0	6.2	5.8	5.9	7.3	7.5	5.7	6.5	7.0	6.4
PALACE (IS-PR 273)	6.2	5.9	6.1	6.8	7.1	7.9	5.3	6.0	6.7	6.4
PRIMARY (IS-PR 269)	6.1	7.0	6.5	6.0	6.8	7.5	5.6	5.7	6.7	6.4
UNO (D04-11T)	6.4	5.9	6.7	6.0	7.3	7.5	5.8	6.2	6.0	6.4
SILVER DOLLAR	6.7	7.1	5.7	6.0	7.0	7.5	5.7	5.9	6.1	6.4
PARAGON GLR	6.6	6.1	6.3	5.5	6.9	7.7	6.0	6.0	6.3	6.4
RNS	6.5	6.3	6.8	5.8	6.9	7.8	5.3	5.8	6.3	6.4
GL-2	6.5	6.2	6.2	6.1	6.9	7.5	5.5	6.0	6.5	6.4
APR 1648	6.3	6.7	5.8	6.3	6.8	7.5	4.9	6.1	7.0	6.4
KEYSTONE 2 (IS-PR 312)	6.1	6.7	6.1	6.5	6.8	7.5	6.0	5.5	6.2	6.4
DERBY XTREME (IS-PR 268)	5.9	6.3	6.6	6.4	7.3	7.9	5.7	5.7	5.7	6.4
APPLE GL (AAZ-B104)	6.1	6.1	6.4	6.3	7.3	7.3	5.3	6.1	6.1	6.3
SR 4600 (SRX 4SP)	5.6	6.1	6.5	6.1	7.0	6.9	5.7	6.0	6.6	6.3
PALMER IV	6.4	5.6	6.3	6.0	7.2	7.7	4.9	6.1	6.3	6.3
AMAZING GS (IS-PR 276)	6.0	5.7	6.1	6.8	7.0	7.8	5.3	6.0	5.7	6.3
ATTRIBUTE (IS-PR 270)	6.1	5.3	5.8	6.6	7.1	7.6	5.6	5.9	6.3	6.2
EXACTA II GLSR (LTP-611-GLSR)	6.2	5.4	6.2	6.6	7.0	7.5	5.6	6.0	5.6	6.2
PROTEGE GLR	6.1	6.1	6.4	5.9	7.1	7.1	5.5	6.1	5.6	6.2
REGAL 5 (IS-PR 271)	6.1	5.6	6.4	7.0	7.1	7.7	5.0	5.7	5.3	6.2
DCM	6.4	6.8	6.2	5.8	6.8	7.4	5.4	5.3	5.7	6.2
TRANSFORMER (D04-1667)	6.2	6.0	5.8	5.7	7.0	7.6	5.7	6.0	6.0	6.2
AF	5.9	5.8	6.2	5.9	6.7	7.6	5.4	5.6	6.8	6.2
FIJI (GPR)	5.5	5.9	5.7	5.6	7.2	8.0	4.8	6.1	6.9	6.2
GRAND SLAM 2 (PST-2GSM)	6.1	6.1	5.7	6.0	6.7	7.0	5.7	5.8	6.7	6.2
DASHER 3 (PICK RB-1)	6.0	5.9	6.4	6.2	6.9	7.3	5.5	5.6	5.8	6.2
MAJESTY II (VB77)	5.9	6.2	5.8	5.0	7.0	7.8	5.9	5.8	6.2	6.2
1G SQUARED (APR 1664)	6.0	5.8	5.9	6.1	6.6	7.3	5.1	6.0	6.6	6.2
HARRIER (SRX 4UP3)	6.1	5.8	6.2	5.5	6.9	7.3	5.4	5.3	6.7	6.1
OVERDRIVE	5.9	6.0	5.9	5.5	7.1	7.2	5.3	5.9	6.4	6.1
DP1	5.7	5.9	6.4	5.7	6.9	7.6	5.4	5.9	5.8	6.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.1	6.4	5.4	5.8	7.0	6.9	5.5	5.7	6.4	6.1
ASP6002 (BPR)	6.0	5.4	5.8	5.5	6.7	7.7	5.0	6.3	6.5	6.1
ASP6003 (TRS)	5.7	5.4	6.1	5.8	7.1	7.9	4.7	5.7	6.6	6.1
STELLAR GL (IS-PR 236)	6.1	5.8	6.5	4.8	7.2	7.6	5.3	5.9	5.6	6.1
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	5.3	5.9	5.7	6.8	7.2	5.4	5.5	6.8	6.1
BUENA VISTA	6.0	6.3	5.9	5.6	7.1	7.0	5.2	5.7	5.9	6.1
CUTTER II (PM 101)	6.1	5.4	6.3	5.1	7.0	7.8	4.7	6.0	6.4	6.1
CALYPSO 3 (MS2)	5.8	5.1	6.0	5.7	7.1	7.6	4.9	6.3	6.4	6.1
ASP6004 (EXS54)	6.1	5.8	5.8	6.0	7.0	7.3	5.2	6.0	5.3	6.1
LINE DRIVE GLS (APR 1797)	6.5	5.9	5.3	5.5	6.9	6.5	5.3	5.9	6.9	6.1

TABLE 2.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN AT NINE LOCATIONS IN THE U.S. AND CANADA 1/  
USING "SCHEDULE B (MEDIUM MAINTENANCE/ATHLETIC FIELD)" \*/  
2007 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	IL2	MI1	NJ1	OR1	PA1	VA1	WA1	WI1	MEAN
E-99	6.1	7.2	5.3	5.3	6.5	7.1	5.6	5.0	6.3	6.1
TOP GUN II (JR-324)	6.1	6.4	5.4	5.4	6.7	7.4	5.5	5.3	6.2	6.1
FUSION	6.2	5.4	5.7	5.7	6.8	7.1	5.2	6.1	6.1	6.0
EDGE II (AC2)	5.9	6.1	5.8	5.5	6.9	7.2	5.3	5.7	5.8	6.0
GRAY FOX (PST-2MNG)	5.7	6.3	5.4	5.5	6.5	7.1	5.5	5.3	6.9	6.0
MACH I	6.5	5.9	6.1	5.0	7.0	7.1	4.3	5.9	6.6	6.0
PST-2AG4	6.1	6.3	5.1	5.8	6.7	7.2	5.3	5.8	5.9	6.0
CABO II (IS-PR 233)	6.0	6.7	5.8	5.1	7.3	6.8	5.0	6.8	4.6	6.0
MANHATTAN 5 GLR (PST-2AM)	6.0	6.7	5.3	5.5	6.7	6.7	5.3	5.3	6.5	6.0
PANTHER GLS	6.1	6.0	5.5	5.6	6.7	7.0	5.0	5.4	6.6	6.0
ASP6005 (AJM)	5.3	5.0	6.4	5.1	6.8	7.8	5.1	6.4	6.0	6.0
PLEASURE SUPREME (PM 103)	5.5	5.7	5.5	5.7	6.7	7.3	5.3	6.5	5.8	6.0
DART (APR 1663)	6.3	5.3	6.2	5.8	6.7	6.9	4.7	5.4	6.8	6.0
MMW	6.3	5.3	5.8	5.3	6.8	7.3	5.5	5.9	5.6	6.0
PST-2LAN	5.9	6.2	5.9	5.4	6.4	7.0	5.3	5.0	6.9	6.0
PRESIDIO (CNV)	5.8	4.9	6.1	5.1	6.8	7.6	5.1	6.3	6.0	6.0
DEFENDER (D04-UP)	6.3	5.0	6.4	5.7	7.1	6.9	5.4	5.2	5.6	6.0
D04-LP05	5.8	5.8	4.9	5.0	6.7	7.1	5.4	6.0	6.7	5.9
PST-217	6.2	7.0	5.1	5.0	6.5	6.8	5.1	5.4	6.2	5.9
VB99	6.1	5.4	6.2	4.4	7.3	7.8	5.0	6.0	5.2	5.9
RAD-PR8	6.0	6.6	5.6	4.6	6.5	6.9	5.4	5.2	6.4	5.9
GRAY STAR (PST-2LGL)	5.9	5.9	5.1	5.6	6.7	6.7	5.0	6.0	6.3	5.9
PINNACLE II	6.3	5.6	5.7	5.0	6.7	7.7	4.9	5.1	6.0	5.9
TR47	6.3	5.8	5.1	4.6	7.1	7.4	4.3	6.5	5.9	5.9
HAWKEYE 2 (SRX 4692)	6.0	6.6	4.6	5.9	6.4	7.1	5.2	5.5	5.5	5.9
REPELL GLS	6.0	6.1	5.0	5.3	6.7	7.2	5.7	5.1	5.6	5.9
INSPIRE	6.1	6.7	4.9	4.8	6.6	7.2	5.3	5.3	5.9	5.9
DELAWARE XL (PICK 01-2)	5.5	5.2	5.7	5.6	6.9	7.0	4.5	5.8	6.4	5.8
PS-2	5.7	5.8	5.3	4.6	6.8	7.0	5.0	5.8	6.6	5.8
PIZZAZZ	6.1	4.8	6.7	4.8	6.4	7.3	4.7	6.1	5.7	5.8
PST-2BLK	5.6	6.4	4.7	5.3	6.6	7.0	5.0	5.5	6.5	5.8
ASP6006 (LPFG)	5.8	5.0	5.8	5.8	6.7	7.7	4.6	6.3	4.8	5.8
BAR LP 4420	6.1	5.3	6.1	4.7	6.8	7.0	4.3	6.1	6.0	5.8
RINGER II (04-BEN)	5.7	5.7	5.2	5.3	6.8	6.8	5.2	5.2	6.4	5.8
LA QUINTA (JR-255)	5.3	6.0	4.8	4.3	7.0	7.0	5.4	5.9	6.6	5.8
ASP6001 (RTS)	5.2	6.2	4.9	4.8	6.7	7.3	4.9	5.9	6.2	5.8
GALATTI (DP 17-9502)	6.0	5.4	5.8	5.3	6.7	7.1	4.4	6.0	5.4	5.8
PHENOM (APR 1660)	6.4	5.9	5.6	5.0	6.8	6.8	5.7	5.0	4.8	5.8
BRIGHTSTAR SLT	5.9	6.3	5.5	4.4	6.5	6.8	5.6	5.0	5.9	5.8
NEXUS XR (SNR)	6.2	5.6	5.5	4.6	6.6	7.7	4.5	6.0	5.3	5.8
MONTEREY 3 (JR-408)	5.6	5.9	5.1	4.2	6.5	7.3	5.7	5.5	6.3	5.8
APR 1670	6.3	5.9	5.0	5.8	6.4	6.0	5.9	4.9	5.6	5.8
CITATION FORE	6.0	6.1	4.7	4.8	6.8	6.8	5.9	5.4	5.2	5.7
ES45	5.8	5.7	5.3	5.0	6.7	7.0	4.7	6.0	5.4	5.7
DP 17-9499	6.4	5.3	5.1	4.7	6.5	7.1	4.4	6.1	5.9	5.7
CADDIESHACK II (JR-163)	5.3	6.4	5.1	4.5	6.8	6.9	5.6	5.0	5.9	5.7

TABLE 2.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN AT NINE LOCATIONS IN THE U.S. AND CANADA 1/  
USING "SCHEDULE B (MEDIUM MAINTENANCE/ATHLETIC FIELD)" \*/  
2007 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL1	IL2	MI1	NJ1	OR1	PA1	VA1	WA1	WI1	MEAN
GOALKEEPER II (JR-114)	5.5	6.9	5.2	4.2	6.6	6.7	5.3	5.4	5.6	5.7
SUNSHINE 2	5.2	4.7	5.3	4.1	7.1	7.0	5.4	6.3	6.2	5.7
WAYFARER (L44)	5.2	5.7	5.2	4.9	7.0	7.1	4.6	5.9	5.5	5.7
BREA (04-BRE)	5.5	5.3	5.3	5.5	6.6	7.0	5.0	5.5	5.5	5.7
FIREBOLT (PRG HS-01-09)	5.6	5.7	5.1	5.0	6.9	7.4	5.0	6.0	4.3	5.7
PENTIUM	6.1	5.7	4.5	5.2	6.4	6.8	5.4	5.0	5.8	5.6
ACCENT II (JR-119)	5.5	5.2	5.1	5.0	6.4	6.9	4.9	5.2	6.7	5.6
WIND DANCE 2 (PWDR)	5.7	5.2	5.7	5.4	6.9	7.3	4.5	5.8	4.2	5.6
NEXUS XD (SP4)	5.7	5.9	5.0	5.0	6.8	7.5	4.3	5.8	4.6	5.6
PM 102	5.0	5.1	5.5	4.5	6.8	6.7	4.7	6.2	5.8	5.6
HEADSTART 2	5.7	5.8	5.9	4.7	6.3	6.7	4.7	5.5	5.1	5.6
QUICKSILVER	5.8	5.4	4.6	5.1	6.6	6.8	4.9	5.9	5.6	5.6
BAR LP 4317	6.3	5.5	4.5	4.3	6.1	6.4	5.2	5.3	6.4	5.6
HALO (KN42)	5.7	4.3	4.7	4.9	7.1	7.3	4.9	6.2	4.3	5.5
PICK 02-R	4.8	4.2	5.9	4.6	6.9	7.4	3.8	6.2	5.3	5.5
PIANIST (DP 17-9505)	5.9	5.2	5.3	4.5	6.7	6.3	4.8	5.8	4.6	5.4
PREMIER II	5.8	5.7	4.8	3.9	6.5	6.6	5.4	4.6	5.7	5.4
PALMER III	5.8	5.4	5.1	4.4	6.4	6.6	4.9	4.8	5.4	5.4
DP 17-9788	6.0	5.6	4.4	4.0	6.4	6.2	5.0	4.6	6.1	5.4
BAR LP 4920	5.5	5.0	4.7	4.2	6.6	6.4	5.0	5.6	5.3	5.4
SRX 4682	5.7	6.3	3.8	5.1	5.9	5.1	5.7	4.6	5.9	5.3
BARLENNIUM	5.3	5.4	4.8	4.3	6.5	5.6	5.6	5.1	5.4	5.3
PANTHER	5.5	5.0	4.8	3.8	5.9	5.6	4.9	4.0	5.9	5.0
AFFINITY	5.5	5.0	4.0	3.3	5.9	5.7	5.0	3.7	4.6	4.7
LPR 02203	5.0	4.6	3.9	2.8	5.8	5.7	4.6	4.0	4.8	4.6
PREMIER	4.8	4.3	3.8	3.5	6.1	5.1	5.2	3.6	4.6	4.6
PINNACLE	4.7	4.1	3.3	2.9	6.0	4.3	4.9	3.9	4.4	4.3
LINN	2.9	1.7	2.0	1.1	5.1	1.9	2.5	2.6	2.3	2.4
LSD VALUE	0.9	1.0	0.9	1.1	0.4	0.7	0.9	0.7	1.9	0.3
C.V. (%)	9.2	10.3	9.8	13.5	3.9	6.1	11.3	7.6	19.5	10.7

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 MEAN IN EACH COLUMN.

\*/ SCHEDULE B 1 2 INCH MOWING HEIGHT  
1/2 - 1 lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH (HIGH RATE ONLY DURING ESTABLISHMENT)  
NO IRRIGATION, IRRIGATION ONLY DURING SEVERE STRESS OR TO PREVENT DORMANCY  
FUNGICIDES ONLY TO PREVENT SEVERE STAND LOSS  
INSECTICIDES ONLY TO PREVENT STAND LOSS  
WEED CONTROL APPLIED AS NEEDED TO PREVENT STAND LOSS



TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN AT SIX LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE C (HOME LAWN)" \*/ \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	MA1	MN1	MO1	NY1	OK1	MEAN
AMAZING GS (IS-PR 276)	6.0	6.3	5.9	6.0	3.8	3.1	5.2
EXACTA II GLSR (LTP-611-GLSR)	5.8	5.9	6.4	6.1	3.6	3.1	5.2
MMW	6.0	6.1	5.6	6.1	3.5	3.6	5.2
APR 1648	5.7	6.6	5.8	6.3	3.5	3.0	5.1
UNO (D04-11T)	5.9	6.1	5.3	6.3	3.8	3.2	5.1
DERBY XTREME (IS-PR 268)	6.0	6.3	5.3	5.9	3.9	3.0	5.1
ALLSTAR 3 (IS-PR 274)	6.3	6.1	5.6	5.7	3.4	3.2	5.1
RNS	5.9	6.0	5.4	6.2	3.7	3.0	5.0
TRANSFORMER (D04-1667)	5.8	6.4	4.9	6.3	3.7	3.1	5.0
PANTHER GLS	5.3	6.2	5.6	6.3	4.0	2.7	5.0
MANHATTAN 5 GLR (PST-2AM)	5.6	6.1	5.1	5.9	3.9	3.4	5.0
KEYSTONE 2 (IS-PR 312)	5.8	6.3	5.3	6.0	3.6	2.9	5.0
SILVER DOLLAR	5.6	6.6	5.1	6.1	3.6	3.0	5.0
WIND DANCE 2 (PWDR)	6.1	5.5	5.8	6.4	3.5	2.6	5.0
BUENA VISTA	6.0	6.1	5.2	5.8	3.6	3.1	5.0
PST-2AG4	5.6	5.6	5.3	6.3	3.6	3.4	5.0
PST-2LAN	6.0	6.0	4.8	5.7	3.8	3.5	5.0
SR 4600 (SRX 4SP)	5.9	5.9	5.6	5.9	3.8	2.8	5.0
AF	6.2	5.7	4.7	6.2	3.5	3.4	4.9
LINE DRIVE GLS (APR 1797)	5.5	6.0	4.8	6.2	3.8	3.3	4.9
TR47	6.2	5.9	5.6	5.7	3.5	2.6	4.9
DP1	6.2	5.8	5.7	5.5	3.8	2.6	4.9
APPLE GL (AAZ-B104)	5.7	5.8	5.3	6.3	3.9	2.6	4.9
ZOOM (LCK)	5.0	6.2	5.4	6.1	3.7	3.0	4.9
CUTTER II (PM 101)	5.2	6.0	5.7	6.0	3.7	2.8	4.9
HOMERUN (RG3P)	5.1	5.9	5.8	5.9	3.9	2.6	4.9
GL-2	5.5	6.1	5.1	5.7	3.8	3.0	4.9
BAR LP 4317	5.9	5.9	4.8	5.8	3.7	3.2	4.9
TOP GUN II (JR-324)	5.6	6.1	5.3	5.4	3.8	3.0	4.9
NEXUS XR (SNR)	5.8	5.4	5.7	6.0	3.4	2.7	4.9
VB99	5.7	5.6	5.4	6.1	3.8	2.5	4.8
REGAL 5 (IS-PR 271)	5.6	5.8	5.4	6.0	3.4	2.9	4.8
REVENGE GLX (JR-348)	5.2	5.8	5.3	5.8	3.5	3.4	4.8
SECRETARIAT II GLSR (LTP-101-GLSR)	5.5	5.9	5.2	5.6	3.5	3.2	4.8
1G SQUARED (APR 1664)	5.3	5.8	5.5	5.5	3.8	3.1	4.8
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.4	6.2	5.2	5.8	3.6	2.7	4.8
DELAWARE XL (PICK 01-2)	5.3	5.5	5.6	6.2	3.5	2.9	4.8
EDGE II (AC2)	5.6	5.9	5.4	6.0	3.4	2.6	4.8
FIJI (GPR)	5.7	6.0	4.9	6.1	3.5	2.8	4.8
RAD-PR8	5.7	6.0	4.9	5.8	3.6	3.0	4.8
ACCENT II (JR-119)	5.3	6.1	4.9	6.4	3.5	2.7	4.8
STELLAR GL (IS-PR 236)	5.2	6.0	5.6	6.0	3.5	2.7	4.8
PROTEGE GLR	5.6	5.6	5.4	6.0	3.7	2.6	4.8
FIESTA 4 (PICK F4)	5.2	6.2	4.9	5.8	3.7	3.0	4.8
PARAGON GLR	6.4	5.4	5.1	5.8	3.5	2.6	4.8

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT SIX LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE C (HOME LAWN)" \*/ \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	MA1	MN1	MO1	NY1	OK1	MEAN
MAJESTY II (VB77)	5.9	5.6	4.9	5.8	3.8	2.7	4.8
PST-217	5.4	6.0	5.0	5.8	3.7	2.8	4.8
PRESIDIO (CNV)	5.2	5.5	5.8	6.0	3.4	2.7	4.8
PIZZAZZ	5.7	5.2	5.8	5.5	3.4	2.9	4.8
PENTIUM	5.5	5.9	4.5	6.1	3.6	3.1	4.8
GRAND SLAM 2 (PST-2GSM)	5.2	5.8	4.9	5.9	3.6	3.1	4.8
HARRIER (SRX 4UP3)	5.5	5.8	4.9	5.8	3.9	2.6	4.8
DASHER 3 (PICK RB-1)	5.0	5.9	5.7	5.5	3.6	2.9	4.8
REPELL GLS	5.6	5.8	4.7	5.6	3.8	3.0	4.7
MONTEREY 3 (JR-408)	5.9	5.6	4.1	6.4	3.7	2.9	4.7
CITATION FORE	5.5	5.7	4.8	5.7	3.6	3.1	4.7
BRIGHTSTAR SLT	5.9	5.7	4.8	5.5	3.7	2.9	4.7
PALMER IV	5.9	5.7	4.3	6.1	3.6	2.7	4.7
SRX 4682	5.6	5.8	4.5	5.5	3.6	3.4	4.7
E-99	5.4	6.3	4.5	5.4	3.5	3.3	4.7
ASP6006 (LPFG)	5.7	5.3	5.4	5.5	3.8	2.6	4.7
DEFENDER (D04-UP)	5.9	5.5	4.8	5.4	3.6	3.1	4.7
NEXUS XD (SP4)	5.4	5.6	5.3	6.0	3.5	2.5	4.7
ASP6003 (TRS)	5.2	5.4	5.4	5.8	3.7	2.7	4.7
MACH I	5.3	5.1	5.4	6.0	3.9	2.4	4.7
CADDIESHACK II (JR-163)	5.5	5.7	4.6	5.7	3.9	2.9	4.7
DART (APR 1663)	5.8	5.7	4.6	6.0	3.6	2.6	4.7
RINGER II (04-BEN)	5.5	5.6	4.7	5.8	3.6	3.0	4.7
PRIMARY (IS-PR 269)	5.0	5.7	4.7	5.6	3.7	3.3	4.7
KOKOMO II (IS-PR 235)	5.2	5.8	4.9	5.5	3.7	2.9	4.7
PALACE (IS-PR 273)	5.7	5.7	4.6	6.0	3.5	2.6	4.7
FUSION	5.6	5.4	4.9	5.7	3.7	2.6	4.7
OVERDRIVE	5.3	5.9	4.7	5.9	3.7	2.6	4.7
HALO (KN42)	4.9	5.4	5.2	6.0	3.6	2.9	4.7
DCM	5.5	5.9	4.5	6.0	3.3	2.8	4.7
ES45	5.0	5.1	5.7	5.9	3.4	2.7	4.7
GOALKEEPER II (JR-114)	5.6	5.5	4.7	5.8	3.6	2.8	4.7
GRAY FOX (PST-2MNG)	5.5	5.5	4.6	5.3	3.8	3.3	4.7
GRAY STAR (PST-2LGL)	5.3	5.9	4.8	5.3	3.6	3.0	4.6
ASP6001 (RTS)	5.4	5.8	4.7	5.6	3.6	2.7	4.6
APR 1670	5.7	5.7	4.1	5.7	3.6	3.0	4.6
QUICKSILVER	5.6	5.3	4.7	5.5	3.5	3.2	4.6
PLEASURE SUPREME (PM 103)	5.3	5.6	4.9	5.6	3.7	2.6	4.6
ASP6002 (BPR)	5.4	4.9	5.2	6.0	3.7	2.6	4.6
FIREBOLT (PRG HS-01-09)	5.0	5.6	4.8	6.1	3.7	2.4	4.6
HAWKEYE 2 (SRX 4692)	5.3	6.0	4.7	5.5	3.6	2.7	4.6
ATTRIBUTE (IS-PR 270)	5.1	5.9	4.8	5.3	3.6	3.0	4.6
BAR LP 4920	5.7	5.6	5.1	5.3	3.3	2.7	4.6
LA QUINTA (JR-255)	5.4	5.3	4.9	5.4	3.8	2.7	4.6
CABO II (IS-PR 233)	5.8	5.7	4.2	5.5	3.9	2.6	4.6
PST-2BLK	5.1	5.5	4.6	5.6	3.6	3.1	4.6

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT SIX LOCATIONS IN THE U.S. AND CANADA 1/  
 USING "SCHEDULE C (HOME LAWN)" \*/ \*/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	MA1	MN1	MO1	NY1	OK1	MEAN
ASP6004 (EXS54)	5.9	5.1	5.0	5.3	3.7	2.5	4.6
CALYPSO 3 (MS2)	5.1	5.8	4.9	5.3	3.8	2.5	4.6
PREMIER II	5.5	5.7	4.7	5.6	3.6	2.5	4.6
HEADSTART 2	5.1	5.6	4.8	5.7	3.8	2.5	4.6
DO4-LP05	5.4	5.7	4.7	4.8	3.6	3.3	4.6
PINNACLE II	5.3	5.5	4.6	5.6	3.4	3.0	4.6
INSPIRE	5.2	5.6	4.9	5.3	3.5	2.9	4.6
BREA (04-BRE)	5.6	5.2	4.8	5.9	3.7	2.2	4.6
BARLENNIUM	5.4	5.8	4.4	5.6	3.5	2.6	4.6
PHENOM (APR 1660)	5.4	5.5	4.2	5.6	3.6	2.9	4.5
DP 17-9788	5.9	5.8	4.4	5.0	3.5	2.6	4.5
WAYFARER (L44)	5.1	5.3	4.8	5.9	3.5	2.4	4.5
ASP6005 (AJM)	4.6	5.6	4.8	5.5	3.8	2.6	4.5
PS-2	4.8	5.8	4.3	5.5	3.7	2.7	4.5
DP 17-9499	5.3	5.9	4.7	5.1	3.4	2.3	4.4
PM 102	5.1	4.8	4.5	5.8	3.6	2.8	4.4
BAR LP 4420	4.6	5.4	5.2	5.3	3.4	2.6	4.4
GALATTI (DP 17-9502)	4.7	4.9	4.9	5.8	3.6	2.6	4.4
PALMER III	4.7	5.6	4.1	5.7	3.5	2.6	4.4
PANTHER	5.7	5.1	4.4	5.2	3.4	2.4	4.4
LPR 02203	5.9	5.1	3.8	5.1	3.5	2.7	4.3
PIANIST (DP 17-9505)	4.6	5.9	4.0	5.4	3.5	2.5	4.3
SUNSHINE 2	4.7	5.2	4.8	5.0	3.6	2.5	4.3
PICK 02-R	4.6	4.4	5.2	5.0	3.4	2.4	4.2
PREMIER	5.7	5.5	2.8	4.4	3.2	2.6	4.0
AFFINITY	5.1	5.6	3.3	4.3	3.4	2.4	4.0
PINNACLE	5.2	4.9	2.9	5.0	3.3	2.3	4.0
LINN	4.6	3.0	1.1	2.4	3.4	1.9	2.7
LSD VALUE	0.9	0.6	0.9	0.9	0.5	0.9	0.3
C.V. (%)	9.8	6.8	11.0	9.5	7.8	19.0	10.2

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 MEAN IN EACH COLUMN.

\*/ SCHEDULE C 1.5 - 2.5 INCH MOWING HEIGHT  
 0.3 - 0.5 lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH  
 NO IRRIGATION, IRRIGATION ONLY DURING SEVERE STRESS OR TO PREVENT DORMANCY  
 NO FUNGICIDE  
 NO INSECTICIDES  
 WEED CONTROL APPLIED AS NEEDED TO PREVENT STAND LOSS

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN AT FIVE LOCATIONS 1/  
 IN THE NORTHEAST REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	RI1	MEAN
AMAZING GS (IS-PR 276)	6.3	6.8	3.8	7.8	6.3	6.2
DERBY XTREME (IS-PR 268)	6.3	6.4	3.9	7.9	6.5	6.2
ZOOM (LCK)	6.2	7.0	3.7	7.9	6.0	6.2
HOMERUN (RG3P)	5.9	6.5	3.9	7.7	6.4	6.1
REGAL 5 (IS-PR 271)	5.8	7.0	3.4	7.7	6.5	6.1
PALACE (IS-PR 273)	5.7	6.8	3.5	7.9	6.5	6.1
ALLSTAR 3 (IS-PR 274)	6.1	6.7	3.4	7.6	6.4	6.1
KEYSTONE 2 (IS-PR 312)	6.3	6.5	3.6	7.5	6.2	6.0
ATTRIBUTE (IS-PR 270)	5.9	6.6	3.6	7.6	6.5	6.0
REVENGE GLX (JR-348)	5.8	6.6	3.5	7.9	6.3	6.0
SILVER DOLLAR	6.6	6.0	3.6	7.5	6.4	6.0
UNO (D04-11T)	6.1	6.0	3.8	7.5	6.4	6.0
FIESTA 4 (PICK F4)	6.2	5.9	3.7	7.5	6.4	6.0
APPLE GL (AAZ-B104)	5.8	6.3	3.9	7.3	6.4	5.9
EXACTA II GLSR (LTP-611-GLSR)	5.9	6.6	3.6	7.5	5.9	5.9
RNS	6.0	5.8	3.7	7.8	6.0	5.9
FIJI (GPR)	6.0	5.6	3.5	8.0	6.2	5.9
PALMER IV	5.7	6.0	3.6	7.7	6.4	5.9
TRANSFORMER (D04-1667)	6.4	5.7	3.7	7.6	6.0	5.9
CALYPSO 3 (MS2)	5.8	5.7	3.8	7.6	6.3	5.8
KOKOMO II (IS-PR 235)	5.8	6.0	3.7	7.5	6.1	5.8
PRIMARY (IS-PR 269)	5.7	6.0	3.7	7.5	6.2	5.8
DP1	5.8	5.7	3.8	7.6	6.2	5.8
GL-2	6.1	6.1	3.8	7.5	5.5	5.8
1G SQUARED (APR 1664)	5.8	6.1	3.8	7.3	6.0	5.8
DASHER 3 (PICK RB-1)	5.9	6.2	3.6	7.3	6.0	5.8
PROTEGE GLR	5.6	5.9	3.7	7.1	6.5	5.8
AF	5.7	5.9	3.5	7.6	6.2	5.8
APR 1648	6.6	6.3	3.5	7.5	5.0	5.8
MMW	6.1	5.3	3.5	7.3	6.5	5.8
ASP6003 (TRS)	5.4	5.8	3.7	7.9	6.0	5.7
PLEASURE SUPREME (PM 103)	5.6	5.7	3.7	7.3	6.4	5.7
PANTHER GLS	6.2	5.6	4.0	7.0	5.7	5.7
DCM	5.9	5.8	3.3	7.4	6.2	5.7
CUTTER II (PM 101)	6.0	5.1	3.7	7.8	6.1	5.7
EDGE II (AC2)	5.9	5.5	3.4	7.2	6.4	5.7
TOP GUN II (JR-324)	6.1	5.4	3.8	7.4	5.8	5.7
ASP6006 (LPFG)	5.3	5.8	3.8	7.7	5.9	5.7
ASP6004 (EXS54)	5.1	6.0	3.7	7.3	6.2	5.7
STELLAR GL (IS-PR 236)	6.0	4.8	3.5	7.6	6.5	5.7
GRAND SLAM 2 (PST-2GSM)	5.8	6.0	3.6	7.0	6.0	5.7
SR 4600 (SRX 4SP)	5.9	6.1	3.8	6.9	5.7	5.7
PARAGON GLR	5.4	5.5	3.5	7.7	6.1	5.7
PST-2LAN	6.0	5.4	3.8	7.0	6.1	5.6
ASP6005 (AJM)	5.6	5.1	3.8	7.8	5.9	5.6

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT FIVE LOCATIONS 1/  
 IN THE NORTHEAST REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	RI1	MEAN
HAWKEYE 2 (SRX 4692)	6.0	5.9	3.6	7.1	5.6	5.6
HARRIER (SRX 4UP3)	5.8	5.5	3.9	7.3	5.7	5.6
GRAY FOX (PST-2MNG)	5.5	5.5	3.8	7.1	6.3	5.6
OVERDRIVE	5.9	5.5	3.7	7.2	5.9	5.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.2	5.8	3.6	6.9	5.7	5.6
MAJESTY II (VB77)	5.6	5.0	3.8	7.8	6.0	5.6
DART (APR 1663)	5.7	5.8	3.6	6.9	6.1	5.6
ASP6002 (BPR)	4.9	5.5	3.7	7.7	6.1	5.6
BUENA VISTA	6.1	5.6	3.6	7.0	5.7	5.6
REPELL GLS	5.8	5.3	3.8	7.2	5.8	5.6
WIND DANCE 2 (PWDR)	5.5	5.4	3.5	7.3	6.2	5.6
PST-2AG4	5.6	5.8	3.6	7.2	5.7	5.6
NEXUS XD (SP4)	5.6	5.0	3.5	7.5	6.2	5.6
PRESIDIO (CNV)	5.5	5.1	3.4	7.6	6.2	5.6
E-99	6.3	5.3	3.5	7.1	5.6	5.6
GRAY STAR (PST-2LGL)	5.9	5.6	3.6	6.7	6.0	5.6
FUSION	5.4	5.7	3.7	7.1	5.9	5.6
SECRETARIAT II GLSR (LTP-101-GLSR)	5.9	5.7	3.5	7.2	5.4	5.6
FIREBOLT (PRG HS-01-09)	5.6	5.0	3.7	7.4	6.1	5.5
VB99	5.6	4.4	3.8	7.8	6.1	5.5
MANHATTAN 5 GLR (PST-2AM)	6.1	5.5	3.9	6.7	5.4	5.5
TR47	5.9	4.6	3.5	7.4	6.2	5.5
ASP6001 (RTS)	5.8	4.8	3.6	7.3	6.1	5.5
CABO II (IS-PR 233)	5.7	5.1	3.9	6.8	6.0	5.5
PINNACLE II	5.5	5.0	3.4	7.7	5.7	5.5
MACH I	5.1	5.0	3.9	7.1	6.1	5.4
ACCENT II (JR-119)	6.1	5.0	3.5	6.9	5.8	5.4
DEFENDER (D04-UP)	5.5	5.7	3.6	6.9	5.5	5.4
PENTIUM	5.9	5.2	3.6	6.8	5.8	5.4
PST-217	6.0	5.0	3.7	6.8	5.7	5.4
LINE DRIVE GLS (APR 1797)	6.0	5.5	3.8	6.5	5.3	5.4
HALO (KN42)	5.4	4.9	3.6	7.3	5.8	5.4
NEXUS XR (SNR)	5.4	4.6	3.4	7.7	5.9	5.4
RAD-PR8	6.0	4.6	3.6	6.9	5.9	5.4
RINGER II (04-BEN)	5.6	5.3	3.6	6.8	5.7	5.4
BREA (04-BRE)	5.2	5.5	3.7	7.0	5.6	5.4
WAYFARER (L44)	5.3	4.9	3.5	7.1	6.0	5.4
D04-LP05	5.7	5.0	3.6	7.1	5.5	5.4
PST-2BLK	5.5	5.3	3.6	7.0	5.5	5.4
INSPIRE	5.6	4.8	3.5	7.2	5.7	5.4
DELAWARE XL (PICK 01-2)	5.5	5.6	3.5	7.0	5.1	5.4
DP 17-9499	5.9	4.7	3.4	7.1	5.6	5.4
CITATION FORE	5.7	4.8	3.6	6.8	5.9	5.3
PS-2	5.8	4.6	3.7	7.0	5.6	5.3
BRIGHTSTAR SLT	5.7	4.4	3.7	6.8	6.0	5.3
PIZZAZZ	5.2	4.8	3.4	7.3	5.9	5.3

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
(CONT'D) GROWN AT FIVE LOCATIONS 1/  
IN THE NORTHEAST REGION  
2007 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	RI1	MEAN
QUICKSILVER	5.3	5.1	3.5	6.8	5.9	5.3
CADDIESHACK II (JR-163)	5.7	4.5	3.9	6.9	5.5	5.3
ES45	5.1	5.0	3.4	7.0	6.0	5.3
GALATTI (DP 17-9502)	4.9	5.3	3.6	7.1	5.6	5.3
HEADSTART 2	5.6	4.7	3.8	6.7	5.7	5.3
APR 1670	5.7	5.8	3.6	6.0	5.3	5.3
MONTEREY 3 (JR-408)	5.6	4.2	3.7	7.3	5.6	5.3
PHENOM (APR 1660)	5.5	5.0	3.6	6.8	5.1	5.2
PICK 02-R	4.4	4.6	3.4	7.4	6.0	5.2
LA QUINTA (JR-255)	5.3	4.3	3.8	7.0	5.3	5.2
BAR LP 4420	5.4	4.7	3.4	7.0	5.1	5.1
PALMER III	5.6	4.4	3.5	6.6	5.5	5.1
PM 102	4.8	4.5	3.6	6.7	6.0	5.1
SUNSHINE 2	5.2	4.1	3.6	7.0	5.7	5.1
PIANIST (DP 17-9505)	5.9	4.5	3.5	6.3	5.2	5.1
GOALKEEPER II (JR-114)	5.5	4.2	3.6	6.7	5.6	5.1
BAR LP 4317	5.9	4.3	3.7	6.4	5.1	5.1
PREMIER II	5.7	3.9	3.6	6.6	5.4	5.0
DP 17-9788	5.8	4.0	3.5	6.2	5.6	5.0
BARLENNIUM	5.8	4.3	3.5	5.6	5.8	5.0
SRX 4682	5.8	5.1	3.6	5.1	5.3	5.0
BAR LP 4920	5.6	4.2	3.3	6.4	5.4	5.0
PANTHER	5.1	3.8	3.4	5.6	5.0	4.6
AFFINITY	5.6	3.3	3.4	5.7	4.8	4.6
PREMIER	5.5	3.5	3.2	5.1	4.8	4.4
LPR 02203	5.1	2.8	3.5	5.7	4.5	4.3
PINNACLE	4.9	2.9	3.3	4.3	4.2	3.9
LINN	3.0	1.1	3.4	1.9	2.3	2.3
LSD VALUE	0.6	1.1	0.5	0.7	0.7	0.3
C.V. (%)	6.8	13.5	7.8	6.1	7.4	8.6

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 MEAN IN EACH COLUMN.

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN AT SIX LOCATIONS 1/  
 IN THE TRANSITION REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	OK1	VA1	MEAN
SILVER DOLLAR	7.1	6.3	6.5	6.1	3.0	5.7	5.8
HOMERUN (RG3P)	6.7	6.1	7.0	5.9	2.6	6.1	5.7
KEYSTONE 2 (IS-PR 312)	6.7	5.9	6.9	6.0	2.9	6.0	5.7
PRIMARY (IS-PR 269)	7.0	6.3	6.4	5.6	3.3	5.6	5.7
APPLE GL (AAZ-B104)	6.1	6.9	6.9	6.3	2.6	5.3	5.7
TRANSFORMER (D04-1667)	6.0	6.7	6.2	6.3	3.1	5.7	5.7
DERBY XTREME (IS-PR 268)	6.3	5.8	7.1	5.9	3.0	5.7	5.6
UNO (D04-11T)	5.9	5.5	7.0	6.3	3.2	5.8	5.6
GRAND SLAM 2 (PST-2GSM)	6.1	6.5	6.4	5.9	3.1	5.7	5.6
LINE DRIVE GLS (APR 1797)	5.9	6.6	6.3	6.2	3.3	5.3	5.6
PARAGON GLR	6.1	6.3	6.8	5.8	2.6	6.0	5.6
ZOOM (LCK)	6.9	6.1	6.3	6.1	3.0	5.2	5.6
AF	5.8	6.5	6.3	6.2	3.4	5.4	5.6
MANHATTAN 5 GLR (PST-2AM)	6.7	6.4	5.9	5.9	3.4	5.3	5.6
FIESTA 4 (PICK F4)	6.2	6.3	6.6	5.8	3.0	5.7	5.6
RNS	6.3	6.2	6.5	6.2	3.0	5.3	5.6
PHENOM (APR 1660)	5.9	6.4	7.0	5.6	2.9	5.7	5.6
ALLSTAR 3 (IS-PR 274)	6.1	6.5	6.0	5.7	3.2	5.9	5.6
REVENGE GLX (JR-348)	6.6	5.6	6.4	5.8	3.4	5.6	5.6
APR 1670	5.9	6.3	6.6	5.7	3.0	5.9	5.6
SR 4600 (SRX 4SP)	6.1	6.8	5.9	5.9	2.8	5.7	5.5
AMAZING GS (IS-PR 276)	5.7	6.5	6.6	6.0	3.1	5.3	5.5
DCM	6.8	5.8	6.3	6.0	2.8	5.4	5.5
DP1	5.9	7.2	6.6	5.5	2.6	5.4	5.5
HARRIER (SRX 4UP3)	5.8	7.1	6.1	5.8	2.6	5.4	5.5
CITATION FORE	6.1	6.0	6.1	5.7	3.1	5.9	5.5
GL-2	6.2	6.0	6.6	5.7	3.0	5.5	5.5
EXACTA II GLSR (LTP-611-GLSR)	5.4	6.5	6.2	6.1	3.1	5.6	5.5
PST-2AG4	6.3	5.2	6.3	6.3	3.4	5.3	5.5
PANTHER GLS	6.0	6.8	5.9	6.3	2.7	5.0	5.4
MMW	5.3	6.1	6.0	6.1	3.6	5.5	5.4
PROTEGE GLR	6.1	5.9	6.5	6.0	2.6	5.5	5.4
GRAY FOX (PST-2MNG)	6.3	6.1	6.1	5.3	3.3	5.5	5.4
DASHER 3 (PICK RB-1)	5.9	6.0	6.8	5.5	2.9	5.5	5.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.4	6.5	5.4	5.8	2.7	5.5	5.4
HAWKEYE 2 (SRX 4692)	6.6	6.3	6.1	5.5	2.7	5.2	5.4
REPELL GLS	6.1	5.7	6.2	5.6	3.0	5.7	5.4
KOKOMO II (IS-PR 235)	6.4	5.7	6.0	5.5	2.9	5.7	5.4
SRX 4682	6.3	5.6	5.8	5.5	3.4	5.7	5.4
BUENA VISTA	6.3	5.3	6.4	5.8	3.1	5.2	5.4
PST-2LAN	6.2	5.5	5.9	5.7	3.5	5.3	5.4
PST-217	7.0	5.5	5.7	5.8	2.8	5.1	5.3
PST-2BLK	6.4	5.8	5.9	5.6	3.1	5.0	5.3
1G SQUARED (APR 1664)	5.8	6.2	6.0	5.5	3.1	5.1	5.3
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	6.5	5.5	5.6	3.2	5.4	5.3

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT SIX LOCATIONS 1/  
 IN THE TRANSITION REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	OK1	VA1	MEAN
RAD-PR8	6.6	5.2	5.6	5.8	3.0	5.4	5.3
OVERDRIVE	6.0	6.1	5.8	5.9	2.6	5.3	5.3
MAJESTY II (VB77)	6.2	5.2	5.7	5.8	2.7	5.9	5.2
REGAL 5 (IS-PR 271)	5.6	5.5	6.4	6.0	2.9	5.0	5.2
PALMER IV	5.6	5.8	6.2	6.1	2.7	4.9	5.2
STELLAR GL (IS-PR 236)	5.8	5.6	6.0	6.0	2.7	5.3	5.2
CABO II (IS-PR 233)	6.7	5.5	6.1	5.5	2.6	5.0	5.2
PALACE (IS-PR 273)	5.9	5.2	6.3	6.0	2.6	5.3	5.2
CADDIESHACK II (JR-163)	6.4	5.1	5.5	5.7	2.9	5.6	5.2
PENTIUM	5.7	5.0	5.9	6.1	3.1	5.4	5.2
E-99	7.2	4.0	5.8	5.4	3.3	5.6	5.2
BAR LP 4317	5.5	5.6	5.8	5.8	3.2	5.2	5.2
EDGE II (AC2)	6.1	5.2	5.8	6.0	2.6	5.3	5.2
ACCENT II (JR-119)	5.2	5.1	6.7	6.4	2.7	4.9	5.2
APR 1648	6.7	4.8	5.1	6.3	3.0	4.9	5.1
ATTRIBUTE (IS-PR 270)	5.3	5.8	5.7	5.3	3.0	5.6	5.1
DART (APR 1663)	5.3	5.6	6.4	6.0	2.6	4.7	5.1
RINGER II (04-BEN)	5.7	4.9	5.7	5.8	3.0	5.2	5.1
PINNACLE II	5.6	5.4	5.7	5.6	3.0	4.9	5.0
INSPIRE	6.7	4.1	6.0	5.3	2.9	5.3	5.0
FUSION	5.4	4.8	6.4	5.7	2.6	5.2	5.0
TOP GUN II (JR-324)	6.4	4.3	5.6	5.4	3.0	5.5	5.0
FIJI (GPR)	5.9	4.7	6.0	6.1	2.8	4.8	5.0
ASP6004 (EXS54)	5.8	5.1	6.2	5.3	2.5	5.2	5.0
MONTEREY 3 (JR-408)	5.9	4.0	5.4	6.4	2.9	5.7	5.0
ES45	5.7	4.9	6.0	5.9	2.7	4.7	5.0
DEFENDER (D04-UP)	5.0	5.0	6.0	5.4	3.1	5.4	5.0
GOALKEEPER II (JR-114)	6.9	4.4	4.5	5.8	2.8	5.3	5.0
LA QUINTA (JR-255)	6.0	4.4	5.8	5.4	2.7	5.4	4.9
PRESIDIO (CNV)	4.9	4.5	6.4	6.0	2.7	5.1	4.9
GRAY STAR (PST-2LGL)	5.9	4.9	5.4	5.3	3.0	5.0	4.9
DP 17-9788	5.6	5.3	6.0	5.0	2.6	5.0	4.9
PLEASURE SUPREME (PM 103)	5.7	4.5	5.9	5.6	2.6	5.3	4.9
BARLENNIUM	5.4	4.6	5.5	5.6	2.6	5.6	4.9
NEXUS XR (SNR)	5.6	4.5	6.0	6.0	2.7	4.5	4.9
BRIGHTSTAR SLT	6.3	3.1	5.8	5.5	2.9	5.6	4.9
ASP6002 (BPR)	5.4	4.1	5.9	6.0	2.6	5.0	4.8
DELAWARE XL (PICK 01-2)	5.2	4.3	6.0	6.2	2.9	4.5	4.8
PALMER III	5.4	4.3	6.1	5.7	2.6	4.9	4.8
PREMIER II	5.7	4.9	5.0	5.6	2.5	5.4	4.8
D04-LP05	5.8	3.8	5.8	4.8	3.3	5.4	4.8
TR47	5.8	4.6	5.9	5.7	2.6	4.3	4.8
CUTTER II (PM 101)	5.4	4.4	5.4	6.0	2.8	4.7	4.8
WIND DANCE 2 (PWDR)	5.2	4.4	5.6	6.4	2.6	4.5	4.8
VB99	5.4	4.3	5.3	6.1	2.5	5.0	4.8
WAYFARER (L44)	5.7	4.6	5.4	5.9	2.4	4.6	4.8



TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE TRANSITION REGION  
2007 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	M01	OK1	VA1	MEAN
PS-2	5.8	4.4	5.1	5.5	2.7	5.0	4.8
ASP6001 (RTS)	6.2	3.9	5.0	5.6	2.7	4.9	4.7
FIREBOLT (PRG HS-01-09)	5.7	4.3	4.9	6.1	2.4	5.0	4.7
HEADSTART 2	5.8	3.8	5.8	5.7	2.5	4.7	4.7
BREA (04-BRE)	5.3	4.8	5.0	5.9	2.2	5.0	4.7
NEXUS XD (SP4)	5.9	4.0	5.5	6.0	2.5	4.3	4.7
ASP6003 (TRS)	5.4	3.6	5.9	5.8	2.7	4.7	4.7
MACH I	5.9	4.8	4.5	6.0	2.4	4.3	4.7
CALYPSO 3 (MS2)	5.1	4.0	6.2	5.3	2.5	4.9	4.7
PIANIST (DP 17-9505)	5.2	4.0	6.1	5.4	2.5	4.8	4.7
DP 17-9499	5.3	4.1	6.7	5.1	2.3	4.4	4.6
GALATTI (DP 17-9502)	5.4	4.1	5.5	5.8	2.6	4.4	4.6
BAR LP 4420	5.3	4.7	5.2	5.3	2.6	4.3	4.6
QUICKSILVER	5.4	3.3	5.2	5.5	3.2	4.9	4.6
HALO (KN42)	4.3	3.7	5.6	6.0	2.9	4.9	4.6
ASP6006 (LPFG)	5.0	3.5	6.0	5.5	2.6	4.6	4.5
PM 102	5.1	3.3	5.4	5.8	2.8	4.7	4.5
ASP6005 (AJM)	5.0	3.9	4.9	5.5	2.6	5.1	4.5
PIZZAZZ	4.8	2.7	6.0	5.5	2.9	4.7	4.4
AFFINITY	5.0	4.9	5.1	4.3	2.4	5.0	4.4
SUNSHINE 2	4.7	4.4	4.4	5.0	2.5	5.4	4.4
PREMIER	4.3	4.3	4.8	4.4	2.6	5.2	4.3
PANTHER	5.0	3.0	4.8	5.2	2.4	4.9	4.2
LPR 02203	4.6	.	4.0	5.1	2.7	4.6	4.2
BAR LP 4920	5.0	2.5	4.0	5.3	2.7	5.0	4.1
PINNACLE	4.1	3.8	3.8	5.0	2.3	4.9	4.0
PICK 02-R	4.2	2.8	4.2	5.0	2.4	3.8	3.7
LINN	1.7	1.1	2.0	2.4	1.9	2.5	1.9
LSD VALUE	1.0	1.3	1.1	0.9	0.9	0.9	0.4
C.V. (%)	10.3	14.7	12.2	9.5	19.0	11.3	12.3

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN AT EIGHT LOCATIONS 1/  
 IN THE NORTH CENTRAL REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	NE1	SD1	WI1	MEAN
ALLSTAR 3 (IS-PR 274)	6.3	6.0	7.3	6.3	5.6	7.0	6.0	7.1	6.4
ZOOM (LCK)	5.0	6.7	7.2	6.3	5.4	6.4	6.7	7.0	6.3
EXACTA II GLSR (LTP-611-GLSR)	5.8	6.2	7.2	6.2	6.4	6.8	6.3	5.6	6.3
APR 1648	5.7	6.3	7.0	5.8	5.8	6.9	6.0	7.0	6.3
PARAGON GLR	6.4	6.6	7.4	6.3	5.1	6.5	5.8	6.3	6.3
UNO (D04-11T)	5.9	6.4	7.3	6.7	5.3	6.7	6.0	6.0	6.3
AMAZING GS (IS-PR 276)	6.0	6.0	7.2	6.1	5.9	6.9	6.5	5.7	6.3
DP1	6.2	5.7	6.8	6.4	5.7	7.0	6.5	5.8	6.3
CUTTER II (PM 101)	5.2	6.1	7.4	6.3	5.7	7.0	5.8	6.4	6.2
REVENGE GLX (JR-348)	5.2	5.9	7.4	6.4	5.3	6.2	6.3	6.8	6.2
TR47	6.2	6.3	7.2	5.1	5.6	6.9	6.3	5.9	6.2
RNS	5.9	6.5	6.8	6.8	5.4	6.3	5.5	6.3	6.2
FIJI (GPR)	5.7	5.5	7.7	5.7	4.9	7.0	6.0	6.9	6.2
PALMER IV	5.9	6.4	7.7	6.3	4.3	6.6	5.8	6.3	6.2
AF	6.2	5.9	7.3	6.2	4.7	5.7	6.5	6.8	6.2
PRESIDIO (CNV)	5.2	5.8	7.0	6.1	5.8	7.0	6.3	6.0	6.1
DERBY XTREME (IS-PR 268)	6.0	5.9	7.4	6.6	5.3	6.3	6.0	5.7	6.1
VB99	5.7	6.1	7.8	6.2	5.4	6.7	6.2	5.2	6.1
SILVER DOLLAR	5.6	6.7	6.8	5.7	5.1	6.9	6.3	6.1	6.1
PALACE (IS-PR 273)	5.7	6.2	7.1	6.1	4.6	6.9	5.8	6.7	6.1
PIZZAZZ	5.7	6.1	6.9	6.7	5.8	6.1	6.0	5.7	6.1
GL-2	5.5	6.5	6.9	6.2	5.1	6.1	6.2	6.5	6.1
FIESTA 4 (PICK F4)	5.2	6.0	7.3	5.8	4.9	6.1	6.5	7.0	6.1
MAJESTY II (VB77)	5.9	5.9	7.6	5.8	4.9	7.0	5.7	6.2	6.1
PROTEGE GLR	5.6	6.1	7.2	6.4	5.4	6.4	6.3	5.6	6.1
KOKOMO II (IS-PR 235)	5.2	6.2	7.4	6.6	4.9	6.4	5.7	6.6	6.1
ASP6003 (TRS)	5.2	5.7	7.6	6.1	5.4	6.6	5.8	6.6	6.1
MACH I	5.3	6.5	7.3	6.1	5.4	6.0	5.8	6.6	6.1
CALYPSO 3 (MS2)	5.1	5.8	7.8	6.0	4.9	6.4	6.3	6.4	6.1
KEYSTONE 2 (IS-PR 312)	5.8	6.1	6.9	6.1	5.3	6.2	6.2	6.2	6.1
TOP GUN II (JR-324)	5.6	6.1	7.0	5.4	5.3	6.9	6.0	6.2	6.1
ATTRIBUTE (IS-PR 270)	5.1	6.1	7.0	5.8	4.8	6.5	7.0	6.3	6.1
ASP6004 (EXS54)	5.9	6.1	7.5	5.8	5.0	6.8	6.2	5.3	6.1
HOMERUN (RG3P)	5.1	6.3	7.1	6.6	5.8	6.1	5.8	5.4	6.0
MMW	6.0	6.3	7.2	5.8	5.6	6.0	5.8	5.6	6.0
PRIMARY (IS-PR 269)	5.0	6.1	7.2	6.5	4.7	6.1	5.8	6.7	6.0
EDGE II (AC2)	5.6	5.9	7.0	5.8	5.4	6.8	6.0	5.8	6.0
DART (APR 1663)	5.8	6.3	6.4	6.2	4.6	6.4	5.8	6.8	6.0
STELLAR GL (IS-PR 236)	5.2	6.1	7.1	6.5	5.6	6.4	5.7	5.6	6.0
PST-2LAN	6.0	5.9	6.5	5.9	4.8	6.1	6.0	6.9	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	5.5	6.0	7.0	5.9	5.2	5.8	5.8	6.8	6.0
SR 4600 (SRX 4SP)	5.9	5.6	6.7	6.5	5.6	5.9	5.3	6.6	6.0
HARRIER (SRX 4UP3)	5.5	6.1	6.8	6.2	4.9	5.7	6.2	6.7	6.0
BUENA VISTA	6.0	6.0	6.8	5.9	5.2	6.5	5.7	5.9	6.0
PANTHER GLS	5.3	6.1	6.5	5.5	5.6	6.3	6.0	6.6	6.0

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT EIGHT LOCATIONS 1/  
 IN THE NORTH CENTRAL REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	NE1	SD1	WI1	MEAN
1G SQUARED (APR 1664)	5.3	6.0	6.7	5.9	5.5	6.0	5.8	6.6	6.0
APPLE GL (AAZ-B104)	5.7	6.1	6.7	6.4	5.3	5.9	5.7	6.1	6.0
DASHER 3 (PICK RB-1)	5.0	6.0	7.4	6.4	5.7	5.8	5.8	5.8	6.0
OVERDRIVE	5.3	5.9	7.1	5.9	4.7	6.3	6.2	6.4	6.0
FUSION	5.6	6.2	6.7	5.7	4.9	6.7	5.8	6.1	6.0
LINE DRIVE GLS (APR 1797)	5.5	6.5	7.2	5.3	4.8	6.2	5.3	6.9	6.0
NEXUS XR (SNR)	5.8	6.2	7.1	5.5	5.7	6.6	5.5	5.3	6.0
DEFENDER (D04-UP)	5.9	6.3	6.6	6.4	4.8	5.9	6.2	5.6	6.0
DELAWARE XL (PICK 01-2)	5.3	5.5	7.3	5.7	5.6	5.8	6.0	6.4	5.9
REGAL 5 (IS-PR 271)	5.6	6.1	7.2	6.4	5.4	5.7	5.7	5.3	5.9
ASP6006 (LPFG)	5.7	5.8	7.7	5.8	5.4	6.5	5.7	4.8	5.9
TRANSFORMER (D04-1667)	5.8	6.2	6.7	5.8	4.9	6.1	5.8	6.0	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.4	6.1	6.3	5.4	5.2	6.2	6.3	6.4	5.9
PLEASURE SUPREME (PM 103)	5.3	5.5	7.3	5.5	4.9	6.8	6.0	5.8	5.9
WIND DANCE 2 (PWDR)	6.1	5.7	7.5	5.7	5.8	6.3	5.8	4.2	5.9
ASP6002 (BPR)	5.4	6.0	6.9	5.8	5.2	6.4	5.0	6.5	5.9
RINGER II (04-BEN)	5.5	5.7	7.0	5.2	4.7	6.5	6.0	6.4	5.9
DCM	5.5	6.4	7.0	6.2	4.5	5.6	6.2	5.7	5.9
ASP6005 (AJM)	4.6	5.3	7.1	6.4	4.8	6.2	6.5	6.0	5.9
GRAND SLAM 2 (PST-2GSM)	5.2	6.1	6.9	5.7	4.9	6.4	5.0	6.7	5.9
ES45	5.0	5.8	6.8	5.3	5.7	6.9	5.8	5.4	5.8
PST-217	5.4	6.2	6.7	5.1	5.0	6.4	5.7	6.2	5.8
PST-2AG4	5.6	6.1	6.7	5.1	5.3	6.4	5.8	5.9	5.8
RAD-PR8	5.7	6.0	6.4	5.6	4.9	5.9	5.8	6.4	5.8
PINNACLE II	5.3	6.3	6.9	5.7	4.6	5.5	6.3	6.0	5.8
BAR LP 4420	4.6	6.1	6.4	6.1	5.2	6.0	6.0	6.0	5.8
DP 17-9499	5.3	6.4	6.8	5.1	4.7	6.0	6.2	5.9	5.8
ASP6001 (RTS)	5.4	5.2	7.0	4.9	4.7	7.0	5.8	6.2	5.8
E-99	5.4	6.1	6.5	5.3	4.5	6.5	5.7	6.3	5.8
NEXUS XD (SP4)	5.4	5.7	7.4	5.0	5.3	6.8	6.0	4.6	5.8
D04-LP05	5.4	5.8	6.4	4.9	4.7	6.3	6.0	6.7	5.8
GRAY FOX (PST-2MNG)	5.5	5.7	6.4	5.4	4.6	6.1	5.5	6.9	5.8
CABO II (IS-PR 233)	5.8	6.0	7.5	5.8	4.2	6.3	6.0	4.6	5.8
QUICKSILVER	5.6	5.8	7.2	4.6	4.7	6.3	6.3	5.6	5.8
LA QUINTA (JR-255)	5.4	5.3	7.6	4.8	4.9	5.6	5.7	6.6	5.7
ACCENT II (JR-119)	5.3	5.5	6.2	5.1	4.9	6.4	5.7	6.7	5.7
REPELL GLS	5.6	6.0	6.9	5.0	4.7	5.8	6.2	5.6	5.7
MONTEREY 3 (JR-408)	5.9	5.6	6.7	5.1	4.1	6.3	5.8	6.3	5.7
WAYFARER (L44)	5.1	5.2	7.5	5.2	4.8	6.7	5.7	5.5	5.7
GRAY STAR (PST-2LGL)	5.3	5.9	6.1	5.1	4.8	6.3	5.8	6.3	5.7
BAR LP 4317	5.9	6.3	6.2	4.5	4.8	5.3	6.2	6.4	5.7
HEADSTART 2	5.1	5.7	7.1	5.9	4.8	5.8	5.8	5.1	5.7
SUNSHINE 2	4.7	5.2	6.9	5.3	4.8	6.2	5.8	6.2	5.6
BRIGHTSTAR SLT	5.9	5.9	5.9	5.5	4.8	5.8	5.5	5.9	5.6
INSPIRE	5.2	6.1	6.7	4.9	4.9	5.8	5.7	5.9	5.6
PICK 02-R	4.6	4.8	7.2	5.9	5.2	5.9	6.3	5.3	5.6

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT EIGHT LOCATIONS 1/  
 IN THE NORTH CENTRAL REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	NE1	SD1	WI1	MEAN
PM 102	5.1	5.0	6.8	5.5	4.5	6.2	6.0	5.8	5.6
PHENOM (APR 1660)	5.4	6.4	6.6	5.6	4.2	5.8	6.2	4.8	5.6
PST-2BLK	5.1	5.6	6.6	4.7	4.6	6.3	5.5	6.5	5.6
PS-2	4.8	5.7	6.8	5.3	4.3	5.8	5.7	6.6	5.6
PREMIER II	5.5	5.8	6.7	4.8	4.7	5.8	5.8	5.7	5.6
GOALKEEPER II (JR-114)	5.6	5.5	7.0	5.2	4.7	5.2	6.0	5.6	5.6
BREA (04-BRE)	5.6	5.5	6.5	5.3	4.8	5.9	5.8	5.5	5.6
PENTIUM	5.5	6.1	6.3	4.5	4.5	6.1	6.0	5.8	5.6
HALO (KN42)	4.9	5.7	7.4	4.7	5.2	6.9	5.5	4.3	5.6
CITATION FORE	5.5	6.0	6.6	4.7	4.8	5.9	5.8	5.2	5.6
CADDIESHACK II (JR-163)	5.5	5.3	6.9	5.1	4.6	5.5	5.8	5.9	5.6
GALATTI (DP 17-9502)	4.7	6.0	6.1	5.8	4.9	5.0	6.5	5.4	5.6
MANHATTAN 5 GLR (PST-2AM)	5.6	6.0	6.3	5.3	5.1	5.6	4.0	6.5	5.5
FIREBOLT (PRG HS-01-09)	5.0	5.6	7.3	5.1	4.8	5.9	6.0	4.3	5.5
APR 1670	5.7	6.3	6.0	5.0	4.1	5.8	5.3	5.6	5.5
PANTHER	5.7	5.5	5.7	4.8	4.4	5.3	6.5	5.9	5.5
HAWKEYE 2 (SRX 4692)	5.3	6.0	6.6	4.6	4.7	5.7	5.5	5.5	5.5
PIANIST (DP 17-9505)	4.6	5.9	6.1	5.3	4.0	5.9	7.0	4.6	5.4
BAR LP 4920	5.7	5.5	6.0	4.7	5.1	5.4	5.5	5.3	5.4
BARLENNIUM	5.4	5.3	6.3	4.8	4.4	5.7	5.5	5.4	5.4
DP 17-9788	5.9	6.0	6.0	4.4	4.4	5.3	4.5	6.1	5.3
SRX 4682	5.6	5.7	6.5	3.8	4.5	5.5	4.5	5.9	5.3
PALMER III	4.7	5.8	5.7	5.1	4.1	5.3	5.5	5.4	5.2
LPR 02203	5.9	5.0	5.1	3.9	3.8	5.2	5.5	4.8	4.9
AFFINITY	5.1	5.5	4.5	4.0	3.3	4.9	5.0	4.6	4.6
PREMIER	5.7	4.8	4.3	3.8	2.8	4.8	4.7	4.6	4.4
PINNACLE	5.2	4.7	3.8	3.3	2.9	4.4	4.0	4.4	4.1
LINN	4.6	2.9	2.0	2.0	1.1	2.9	3.0	2.3	2.6
LSD VALUE	0.9	0.9	0.7	0.9	0.9	0.9	1.0	1.9	0.4
C.V. (%)	9.8	9.2	6.5	9.8	11.0	9.4	9.4	19.5	11.1

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 MEAN IN EACH COLUMN.

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE UPPER WEST/MOUNTAIN REGION  
2007 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN
PALMER IV	6.6	6.1	6.3	MONTEREY 3 (JR-408)	5.8	5.5	5.7
FIESTA 4 (PICK F4)	6.1	6.5	6.3	TR47	4.8	6.5	5.7
CABO II (IS-PR 233)	5.8	6.8	6.3	WIND DANCE 2 (PWDR)	5.5	5.8	5.7
EXACTA II GLSR (LTP-611-GLSR)	6.3	6.0	6.1	DERBY XTREME (IS-PR 268)	5.6	5.7	5.6
UNO (D04-11T)	6.1	6.2	6.1	LA QUINTA (JR-255)	5.3	5.9	5.6
AMAZING GS (IS-PR 276)	6.2	6.0	6.1	ATTRIBUTE (IS-PR 270)	5.4	5.9	5.6
PLEASURE SUPREME (PM 103)	5.6	6.5	6.1	GL-2	5.1	6.0	5.6
1G SQUARED (APR 1664)	6.2	6.0	6.1	GRAY STAR (PST-2LGL)	5.2	6.0	5.6
PALACE (IS-PR 273)	6.0	6.0	6.0	INSPIRE	5.9	5.3	5.6
CALYPSO 3 (MS2)	5.7	6.3	6.0	BUENA VISTA	5.5	5.7	5.6
APR 1648	5.8	6.1	6.0	HARRIER (SRX 4UP3)	5.8	5.3	5.6
PARAGON GLR	6.0	6.0	6.0	PRIMARY (IS-PR 269)	5.5	5.7	5.6
VB99	6.0	6.0	6.0	SILVER DOLLAR	5.2	5.9	5.6
TRANSFORMER (D04-1667)	6.0	6.0	6.0	REVENGE GLX (JR-348)	5.3	5.8	5.6
DP 17-9499	5.8	6.1	6.0	EDGE II (AC2)	5.4	5.7	5.5
SR 4600 (SRX 4SP)	5.9	6.0	6.0	HOMERUN (RG3P)	5.3	5.8	5.5
NEXUS XR (SNR)	5.9	6.0	6.0	FUSION	5.0	6.1	5.5
MMW	6.0	5.9	6.0	ASP6001 (RTS)	5.1	5.9	5.5
OVERDRIVE	6.0	5.9	5.9	PICK 02-R	4.8	6.2	5.5
PIZZAZZ	5.7	6.1	5.9	BREA (04-BRE)	5.5	5.5	5.5
CUTTER II (PM 101)	5.9	6.0	5.9	KOKOMO II (IS-PR 235)	5.1	5.9	5.5
REGAL 5 (IS-PR 271)	6.1	5.7	5.9	HAWKEYE 2 (SRX 4692)	5.5	5.5	5.5
RNS	5.9	5.8	5.9	MACH I	5.1	5.9	5.5
BAR LP 4420	5.6	6.1	5.9	PRESIDIO (CNV)	4.6	6.3	5.5
SUNSHINE 2	5.3	6.3	5.8	BAR LP 4920	5.3	5.6	5.4
DASHER 3 (PICK RB-1)	6.0	5.6	5.8	NEXUS XD (SP4)	5.0	5.8	5.4
ASP6002 (BPR)	5.3	6.3	5.8	D04-LP05	4.9	6.0	5.4
STELLAR GL (IS-PR 236)	5.6	5.9	5.8	WAYFARER (L44)	4.9	5.9	5.4
FIJI (GPR)	5.4	6.1	5.8	ZOOM (LCK)	5.1	5.7	5.4
GALATTI (DP 17-9502)	5.5	6.0	5.8	DEFENDER (D04-UP)	5.5	5.2	5.4
ASP6006 (LPFG)	5.2	6.3	5.7	RINGER II (04-BEN)	5.5	5.2	5.4
FIREBOLT (PRG HS-01-09)	5.5	6.0	5.7	QUICKSILVER	4.9	5.9	5.4
PM 102	5.2	6.2	5.7	REPELL GLS	5.6	5.1	5.4
LINE DRIVE GLS (APR 1797)	5.6	5.9	5.7	CITATION FORE	5.3	5.4	5.4
GRAND SLAM 2 (PST-2GSM)	5.7	5.8	5.7	PANTHER GLS	5.3	5.4	5.3
APPLE GL (AAZ-B104)	5.3	6.1	5.7	SECRETARIAT II GLSR (LTP-101-GLSR)	5.1	5.5	5.3
ALLSTAR 3 (IS-PR 274)	5.3	6.1	5.7	PS-2	4.8	5.8	5.3
ASP6004 (EXS54)	5.3	6.0	5.7	PST-217	5.3	5.4	5.3
CADDIESHACK II (JR-163)	6.4	5.0	5.7	KEYSTONE 2 (IS-PR 312)	5.1	5.5	5.3
DP1	5.5	5.9	5.7	PROTEGE GLR	4.5	6.1	5.3
PIANIST (DP 17-9505)	5.5	5.8	5.7	HALO (KN42)	4.3	6.2	5.3
BARLENNIUM	6.3	5.1	5.7	ACCENT II (JR-119)	5.4	5.2	5.3
MAJESTY II (VB77)	5.6	5.8	5.7	DELAWARE XL (PICK 01-2)	4.8	5.8	5.3
DART (APR 1663)	6.0	5.4	5.7	ASP6003 (TRS)	4.8	5.7	5.3
DCM	6.0	5.3	5.7	PENTIUM	5.6	5.0	5.3
				TOP GUN II (JR-324)	5.3	5.3	5.3

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN AT TWO LOCATIONS 1/  
 IN THE UPPER WEST/MOUNTAIN REGION  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	UT1	WA1	MEAN
ASP6005 (AJM)	4.1	6.4	5.3
PST-2LAN	5.5	5.0	5.2
APR 1670	5.5	4.9	5.2
RAD-PR8	5.2	5.2	5.2
SRX 4682	5.8	4.6	5.2
BAR LP 4317	5.1	5.3	5.2
ES45	4.4	6.0	5.2
MANHATTAN 5 GLR (PST-2AM)	5.0	5.3	5.2
GRAY FOX (PST-2MNG)	5.0	5.3	5.2
PST-2AG4	4.5	5.8	5.1
PHENOM (APR 1660)	5.2	5.0	5.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.5	5.7	5.1
BRIGHTSTAR SLT	5.1	5.0	5.1
HEADSTART 2	4.6	5.5	5.1
GOALKEEPER II (JR-114)	4.6	5.4	5.0
DP 17-9788	5.4	4.6	5.0
PREMIER II	5.4	4.6	5.0
AF	4.3	5.6	5.0
E-99	4.8	5.0	4.9
PST-2BLK	4.1	5.5	4.8
PALMER III	4.6	4.8	4.7
PINNACLE II	4.3	5.1	4.7
LPR 02203	5.0	4.0	4.5
PANTHER	5.1	4.0	4.5
AFFINITY	4.8	3.7	4.3
PINNACLE	4.6	3.9	4.2
PREMIER	4.4	3.6	4.0
LINN	3.8	2.6	3.2
LSD VALUE	1.4	0.7	0.8
C.V. (%)	16.7	7.6	12.8

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 MEAN IN EACH COLUMN.

TABLE 8.

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH  
MONTH GROWN AT CORVALLIS, OR (PACIFIC REGION) 1/  
2007 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
KOKOMO II (IS-PR 235)	6.7	8.0	7.0	8.0	8.7	7.3	8.0	8.3	8.7	6.0	6.3	5.7	7.4
UNO (D04-11T)	6.3	7.3	7.0	8.0	8.3	7.3	8.0	8.0	8.3	6.7	6.3	6.0	7.3
ZOOM (LCK)	6.7	7.7	7.0	8.0	8.0	7.0	7.7	8.0	8.3	6.7	6.7	6.0	7.3
APPLE GL (AAZ-B104)	6.3	7.0	7.0	8.0	8.0	7.7	8.0	8.3	8.3	6.7	6.7	5.7	7.3
FIESTA 4 (PICK F4)	6.0	7.0	7.0	8.0	8.7	7.7	8.0	8.0	8.3	6.7	6.7	5.3	7.3
HOMERUN (RG3P)	6.7	7.3	7.0	8.0	8.0	7.7	8.0	8.0	8.3	6.7	6.3	5.3	7.3
CABO II (IS-PR 233)	6.7	7.7	7.0	8.3	8.7	6.7	7.7	8.3	8.3	6.3	6.0	5.3	7.3
DERBY XTREME (IS-PR 268)	5.7	7.3	7.0	7.7	8.0	7.0	7.7	8.0	9.0	7.0	6.7	6.0	7.3
VB99	6.0	7.7	7.0	8.0	8.3	7.3	7.7	8.3	9.0	6.3	6.0	5.3	7.3
PALMER IV	6.0	7.3	7.0	8.0	8.3	7.0	7.7	8.0	8.3	6.3	6.3	6.3	7.2
FIJI (GPR)	6.0	7.0	7.0	8.0	8.0	7.0	8.0	8.3	8.3	6.7	6.3	5.3	7.2
STELLAR GL (IS-PR 236)	6.0	7.3	7.0	8.0	8.0	7.3	7.7	8.3	8.0	6.3	6.3	5.7	7.2
PROTEGE GLR	6.0	7.3	7.0	8.0	8.3	7.0	8.0	8.3	8.3	6.0	6.0	5.3	7.1
ALLSTAR 3 (IS-PR 274)	6.7	7.0	7.0	8.0	8.0	7.0	7.7	7.7	8.0	6.3	6.3	5.7	7.1
ATTRIBUTE (IS-PR 270)	6.0	7.0	7.0	8.0	8.3	7.0	7.7	8.0	8.0	7.0	6.0	5.3	7.1
DEFENDER (D04-UP)	6.3	7.0	7.0	8.0	8.0	7.0	7.7	8.0	8.0	6.3	6.3	5.7	7.1
PALACE (IS-PR 273)	6.3	7.3	7.0	8.0	8.0	6.7	7.3	8.0	8.3	6.7	6.0	5.7	7.1
TR47	6.0	7.7	7.0	8.0	8.3	7.3	7.7	8.0	8.7	6.3	5.7	4.7	7.1
BUENA VISTA	6.3	7.3	7.0	8.0	8.3	6.7	7.7	8.0	8.0	6.3	6.0	5.3	7.1
HALO (KN42)	6.0	7.0	7.0	8.3	8.3	7.3	8.0	8.0	8.7	6.0	5.7	4.7	7.1
ASP6003 (TRS)	6.0	7.0	6.7	8.0	8.3	7.3	7.7	8.0	8.3	6.3	6.0	5.0	7.1
CALYPSO 3 (MS2)	6.3	6.7	7.0	8.0	8.0	7.0	7.7	8.0	8.3	6.3	6.0	5.3	7.1
OVERDRIVE	6.0	6.3	6.7	8.0	8.0	7.7	8.0	8.0	8.0	6.7	6.0	5.3	7.1
REGAL 5 (IS-PR 271)	6.3	7.7	7.0	8.0	8.0	6.3	7.7	8.0	8.0	6.0	6.0	5.7	7.1
SUNSHINE 2	5.7	6.7	7.0	8.0	8.3	6.7	8.0	8.0	8.0	7.0	6.0	5.3	7.1
EXACTA II GLSR (LTP-611-GLSR)	6.0	7.0	7.0	8.0	8.0	6.7	8.0	8.0	8.0	6.0	6.0	5.7	7.0
SILVER DOLLAR	6.7	7.0	7.0	8.0	8.0	6.7	7.3	8.0	8.0	6.3	6.0	5.3	7.0
AMAZING GS (IS-PR 276)	6.0	7.3	7.0	8.0	8.3	7.0	7.7	7.7	8.0	6.3	6.0	5.0	7.0
ASP6004 (EXS54)	6.3	7.3	7.0	8.0	8.0	6.3	8.0	7.7	8.0	6.0	6.0	5.3	7.0
CUTTER II (PM 101)	6.3	6.7	6.7	7.7	8.0	6.7	8.0	8.0	8.3	6.3	6.3	5.0	7.0
WAYFARER (L44)	5.3	6.3	7.0	7.7	8.3	7.0	8.3	8.0	8.7	6.3	5.7	5.3	7.0
MACH I	6.3	7.0	7.0	8.0	8.0	6.7	7.3	8.0	8.3	6.0	5.7	5.7	7.0
MAJESTY II (VB77)	6.0	7.0	6.7	8.0	8.0	7.0	7.7	8.3	8.0	6.0	6.0	5.3	7.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.3	6.7	6.7	8.0	8.0	7.3	7.3	8.0	8.0	6.3	6.0	5.0	7.0
LA QUINTA (JR-255)	5.7	6.3	6.7	8.0	8.3	7.3	7.7	8.0	8.3	6.3	6.0	5.0	7.0
SR 4600 (SRX 4SP)	5.7	6.7	6.7	8.0	8.0	7.3	7.3	7.7	8.3	6.0	6.3	5.7	7.0
TRANSFORMER (D04-1667)	6.0	6.7	6.7	8.0	8.0	7.3	7.7	8.0	8.0	6.0	6.0	5.3	7.0
RNS	6.0	6.3	6.7	7.7	8.3	6.7	7.7	8.0	8.0	6.3	6.0	5.7	6.9
EDGE II (AC2)	6.0	6.7	7.0	7.7	8.0	7.0	7.3	8.0	8.0	6.3	6.3	5.0	6.9
FIREBOLT (PRG HS-01-09)	6.0	7.0	6.7	8.0	8.0	6.7	7.7	8.0	8.3	5.7	6.0	5.0	6.9
HARRIER (SRX 4UP3)	6.0	7.0	7.0	8.0	8.0	6.3	7.3	7.7	8.0	6.0	6.0	5.7	6.9
LINE DRIVE GLS (APR 1797)	5.7	6.7	7.0	7.7	8.0	7.3	7.7	7.7	8.0	6.7	5.7	5.0	6.9
PARAGON GLR	5.7	6.7	6.7	8.0	8.0	7.0	7.3	8.0	8.0	6.0	6.3	5.3	6.9
WIND DANCE 2 (PWDR)	5.7	6.7	6.7	8.0	8.3	7.0	8.0	8.0	8.3	5.7	5.7	5.0	6.9
DASHER 3 (PICK RB-1)	5.3	6.7	7.0	8.0	8.0	7.0	8.0	7.7	7.7	6.7	5.3	5.3	6.9
GL-2	6.3	7.0	7.0	7.7	8.0	6.7	7.7	7.3	7.7	6.0	6.0	5.3	6.9

TABLE 8. (CONT'D)

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH  
MONTH GROWN AT CORVALLIS, OR (PACIFIC REGION) 1/  
2007 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PICK 02-R	5.3	7.0	6.7	7.7	8.7	6.7	7.7	8.3	8.0	6.3	5.7	4.7	6.9
DP1	5.7	6.3	7.0	7.7	8.0	7.0	7.7	8.0	8.0	6.0	5.7	5.3	6.9
DELAWARE XL (PICK 01-2)	6.0	7.0	6.7	7.7	8.0	6.3	7.3	7.7	8.0	6.0	6.0	5.7	6.9
ASP6005 (AJM)	6.0	6.7	7.0	8.0	8.3	6.3	7.7	8.0	8.0	6.0	5.7	4.3	6.8
DCM	5.7	6.7	6.7	8.0	8.0	7.0	7.3	8.0	8.0	6.3	5.7	4.7	6.8
PHENOM (APR 1660)	6.0	6.7	6.7	7.7	8.0	6.7	7.3	8.0	8.0	6.0	5.7	5.3	6.8
PM 102	6.0	6.7	7.0	7.7	8.0	6.7	7.7	8.0	7.3	6.0	5.7	5.3	6.8
PRESIDIO (CNV)	5.3	6.3	7.0	7.7	8.0	6.7	8.0	8.0	8.3	6.0	5.7	5.0	6.8
PRIMARY (IS-PR 269)	6.3	7.0	6.7	8.0	8.0	6.3	6.7	7.7	8.0	6.3	5.7	5.3	6.8
BAR LP 4420	6.0	7.0	6.7	8.0	8.0	7.0	7.3	8.0	8.0	6.0	5.3	4.3	6.8
CITATION FORE	5.3	6.7	6.7	8.0	7.7	6.7	8.0	8.0	8.0	6.3	5.3	5.0	6.8
KEYSTONE 2 (IS-PR 312)	6.0	7.0	6.7	7.7	8.0	6.3	7.7	7.7	7.7	6.0	6.0	5.0	6.8
NEXUS XD (SP4)	5.3	6.3	7.0	7.7	8.0	6.7	8.0	8.0	8.3	5.7	5.7	5.0	6.8
RINGER II (04-BEN)	5.7	6.3	6.3	8.0	8.0	7.0	7.7	8.0	8.0	6.7	5.7	4.3	6.8
REVENGE GLX (JR-348)	5.7	6.7	7.0	7.7	8.0	6.3	7.7	8.0	8.0	5.7	5.7	5.3	6.8
CADDIESHACK II (JR-163)	5.3	7.0	6.7	8.0	8.0	6.7	8.0	8.0	8.0	5.7	5.7	4.3	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	5.7	6.3	6.7	7.7	7.7	6.7	7.3	7.7	8.0	6.3	6.0	5.3	6.8
APR 1648	5.7	6.7	6.3	7.3	8.0	6.3	7.3	8.0	8.0	6.3	6.0	5.3	6.8
PS-2	6.0	7.0	6.3	8.0	8.0	7.0	7.3	7.7	7.7	5.7	5.7	5.0	6.8
FUSION	5.7	6.3	6.7	7.7	8.3	7.0	8.0	7.7	7.7	5.7	5.3	5.0	6.8
MMW	6.0	7.0	7.0	8.0	7.7	6.7	7.3	7.7	8.0	5.7	5.3	4.7	6.8
AF	5.7	6.3	6.3	8.0	8.0	7.0	7.7	7.7	8.0	6.0	5.3	4.7	6.7
ASP6002 (BPR)	5.7	6.3	6.7	7.7	8.0	6.7	7.7	8.3	8.0	5.7	5.3	4.7	6.7
GRAND SLAM 2 (PST-2GSM)	5.7	6.3	6.7	7.7	8.0	6.3	7.7	8.0	8.0	6.0	5.7	4.7	6.7
PINNACLE II	5.7	6.7	6.3	8.0	8.3	7.0	7.0	8.0	7.7	6.0	5.7	4.3	6.7
DO4-LP05	5.7	6.3	6.7	7.7	8.0	6.7	7.3	8.0	8.0	6.0	5.7	4.7	6.7
PANTHER GLS	5.7	6.0	6.3	7.3	8.3	7.0	7.3	7.7	7.7	6.0	6.0	5.3	6.7
PLEASURE SUPREME (PM 103)	5.7	7.0	7.0	8.0	8.0	6.3	7.3	7.7	7.7	6.0	5.3	4.7	6.7
REPELL GLS	6.3	6.7	6.7	7.7	8.0	6.3	7.0	7.7	7.7	6.0	5.7	5.0	6.7
ASP6001 (RTS)	5.7	6.3	6.7	7.7	8.0	6.7	7.7	8.0	8.0	6.0	5.0	4.7	6.7
GRAY STAR (PST-2LGL)	5.3	6.7	6.7	7.7	8.0	6.0	7.3	7.3	8.0	6.3	6.0	5.0	6.7
DART (APR 1663)	5.7	6.3	6.0	8.0	8.0	6.3	7.3	8.0	8.0	6.3	5.7	4.7	6.7
GALATTI (DP 17-9502)	5.3	6.0	6.3	8.0	8.0	6.0	8.0	8.0	7.7	6.0	6.0	5.0	6.7
PST-2AG4	5.7	6.7	6.7	8.0	8.0	6.3	7.0	7.3	7.7	6.0	5.7	5.3	6.7
ASP6006 (LPFG)	5.3	6.7	7.0	8.0	8.3	6.3	7.3	7.7	7.3	6.0	5.3	4.7	6.7
ES45	5.3	6.3	6.7	7.7	8.3	6.7	8.0	8.0	7.7	6.0	5.0	4.3	6.7
MANHATTAN 5 GLR (PST-2AM)	5.3	6.3	6.7	8.0	8.0	6.3	7.3	8.0	8.0	6.0	5.3	4.7	6.7
PIANIST (DP 17-9505)	5.3	6.3	6.3	7.7	8.0	6.0	8.0	8.0	8.0	6.0	5.3	5.0	6.7
TOP GUN II (JR-324)	5.3	6.3	6.7	7.7	7.7	6.7	7.7	7.3	7.7	6.3	5.7	5.0	6.7
NEXUS XR (SNR)	5.7	6.3	6.7	7.7	8.0	7.0	7.7	7.3	7.7	5.3	5.7	4.7	6.6
1G SQUARED (APR 1664)	5.7	6.3	7.0	7.7	8.3	6.7	7.0	7.7	7.7	5.3	5.3	4.7	6.6
GOALKEEPER II (JR-114)	5.3	6.7	6.3	8.0	7.7	6.3	7.3	7.7	8.0	6.0	5.7	4.3	6.6
BREA (04-BRE)	5.0	5.7	6.7	7.7	8.0	6.3	8.0	8.0	7.7	6.0	5.3	4.7	6.6
INSPIRE	5.7	6.0	6.3	7.7	8.0	6.7	7.3	7.7	7.3	6.0	5.7	4.7	6.6
QUICKSILVER	5.7	7.0	7.0	7.3	7.7	6.3	7.3	7.3	7.7	6.0	5.0	4.7	6.6
BAR LP 4920	5.0	6.3	6.0	7.7	7.7	6.7	8.0	7.7	8.0	5.7	5.3	4.7	6.6



TABLE 8.  
(CONT'D)

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH  
MONTH GROWN AT CORVALLIS, OR (PACIFIC REGION) 1/  
2007 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PST-2BLK	5.0	6.3	6.3	8.0	8.0	6.7	7.0	7.7	7.3	6.7	5.3	4.3	6.6
PST-217	5.3	6.0	6.3	7.7	8.0	6.0	7.0	7.7	8.0	6.0	5.7	4.7	6.5
DP 17-9499	5.3	6.3	6.7	8.0	8.0	6.0	7.3	7.7	7.3	5.7	5.3	4.7	6.5
E-99	5.7	6.0	6.0	7.3	8.0	6.3	6.7	7.7	7.7	6.3	5.7	5.0	6.5
GRAY FOX (PST-2MNG)	5.7	6.3	6.3	7.3	7.7	6.7	7.3	7.7	7.7	5.7	5.3	4.7	6.5
MONTEREY 3 (JR-408)	5.3	6.3	6.0	7.3	8.0	6.3	7.3	8.0	8.0	5.7	5.7	4.3	6.5
PREMIER II	5.7	6.0	6.0	8.0	8.0	7.0	7.0	7.7	7.7	5.7	5.3	4.3	6.5
RAD-PR8	5.3	6.3	6.7	7.7	8.0	6.7	7.3	7.7	7.3	6.0	5.3	4.0	6.5
BRIGHTSTAR SLT	5.3	6.0	6.0	7.7	8.0	6.3	7.3	7.7	7.7	6.0	5.3	4.7	6.5
BARLENNIUM	5.3	6.0	6.0	8.0	8.0	6.0	7.0	8.0	8.0	5.3	5.3	4.7	6.5
DP 17-9788	5.3	6.0	6.0	7.3	8.0	6.7	7.0	7.7	8.0	5.7	5.3	4.3	6.4
PALMER III	5.7	6.0	6.0	7.3	8.0	7.0	7.3	7.7	7.3	5.7	4.7	4.3	6.4
PENTIUM	5.3	6.0	6.0	7.7	7.7	6.7	7.3	7.7	7.3	5.7	5.3	4.3	6.4
ACCENT II (JR-119)	4.7	5.7	6.3	8.0	8.0	6.0	7.3	8.0	7.7	5.7	5.0	4.3	6.4
PST-2LAN	5.0	6.3	6.0	7.3	8.0	6.0	7.0	8.0	7.7	5.7	5.0	4.7	6.4
HAWKEYE 2 (SRX 4692)	5.3	6.3	6.3	7.3	7.7	6.7	6.7	7.3	7.3	5.7	5.3	4.3	6.4
APR 1670	5.7	6.0	6.0	7.0	8.0	6.3	6.0	7.3	7.7	5.7	5.7	5.0	6.4
PIZZAZZ	5.0	6.3	6.7	7.7	7.7	6.3	7.7	7.3	7.3	5.0	5.0	4.3	6.4
HEADSTART 2	5.0	5.7	6.3	7.3	7.7	6.0	7.3	7.3	7.7	5.7	5.3	4.3	6.3
BAR LP 4317	5.3	6.0	6.0	7.3	7.7	6.0	7.0	6.7	7.0	5.3	5.0	4.0	6.1
PREMIER	4.7	5.3	5.7	7.0	7.7	6.3	7.0	7.0	7.0	5.7	5.3	4.7	6.1
PINNACLE	5.0	5.0	6.0	6.7	7.3	6.3	6.7	7.0	7.0	5.3	5.0	4.3	6.0
SRX 4682	5.0	5.7	6.0	7.0	7.7	6.0	6.3	6.7	6.7	5.0	4.7	4.7	5.9
PANTHER	4.7	5.7	6.0	7.3	7.3	6.0	6.7	7.0	6.7	4.3	5.0	4.3	5.9
AFFINITY	4.7	5.3	6.0	6.7	7.3	5.7	7.0	7.0	7.0	5.0	5.0	4.0	5.9
LPR 02203	4.3	5.0	6.0	7.0	7.3	6.0	6.7	6.7	7.3	5.0	4.7	4.0	5.8
LINN	4.7	4.7	5.0	4.3	5.7	5.0	6.0	6.0	6.3	4.7	5.0	4.0	5.1
LSD VALUE	1.0	1.0	0.6	0.7	0.6	0.9	0.8	0.7	0.8	1.0	0.9	1.0	0.4
C.V. (%)	11.3	9.0	5.9	5.3	4.8	8.0	6.4	5.6	6.5	10.0	9.5	12.1	3.9

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 MEAN IN EACH COLUMN.

TABLE 9.

PERCENT LIVING GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN SEASONS: LOCATIONS 2/

NAME	PERCENT	PERCENT	NAME	PERCENT	PERCENT
	COVER	COVER		COVER	COVER
	SUMMER	FALL		SUMMER	FALL
APPLE GL (AAZ-B104)	60.0	63.3	ATTRIBUTE (IS-PR 270)	71.7	30.0
BAR LP 4317	71.7	56.7	DEFENDER (D04-UP)	58.3	30.0
EXACTA II GLSR (LTP-611-GLSR)	68.3	53.3	EDGE II (AC2)	58.3	30.0
SILVER DOLLAR	61.7	53.3	MONTEREY 3 (JR-408)	63.3	30.0
RINGER II (04-BEN)	71.7	50.0	PANTHER	60.0	30.0
AF	61.7	50.0	PIANIST (DP 17-9505)	61.7	30.0
BAR LP 4420	71.7	50.0	PROTEGE GLR	65.0	30.0
MAJESTY II (VB77)	68.3	50.0	VB99	63.3	30.0
DART (APR 1663)	70.0	46.7	CUTTER II (PM 101)	56.7	28.3
FIJI (GPR)	61.7	46.7	NEXUS XD (SP4)	58.3	28.3
MMW	71.7	46.7	BAR LP 4920	65.0	26.7
ASP6002 (BPR)	60.0	43.3	BARLENNIUM	66.7	26.7
DASHER 3 (PICK RB-1)	70.0	43.3	BRIGHTSTAR SLT	65.0	26.7
PALMER IV	66.7	43.3	D04-LP05	63.3	26.7
GRAY FOX (PST-2MNG)	63.3	43.3	DP1	53.3	26.7
APR 1648	63.3	40.0	ES45	63.3	26.7
APR 1670	68.3	40.0	NEXUS XR (SNR)	63.3	26.7
CADDIESHACK II (JR-163)	60.0	40.0	PENTIUM	55.0	26.7
DCM	60.0	40.0	PINNACLE	55.0	26.7
DP 17-9499	66.7	40.0	PLEASURE SUPREME (PM 103)	68.3	26.7
HOMERUN (RG3P)	66.7	40.0	HAWKEYE 2 (SRX 4692)	56.7	26.7
INSPIRE	56.7	40.0	ZOOM (LCK)	65.0	26.7
KEYSTONE 2 (IS-PR 312)	70.0	40.0	UNO (D04-11T)	53.3	25.0
PALACE (IS-PR 273)	65.0	40.0	HALO (KN42)	55.0	25.0
PALMER III	65.0	40.0	REPELL GLS	60.0	25.0
PM 102	58.3	40.0	AMAZING GS (IS-PR 276)	55.0	24.3
RAD-PR8	58.3	40.0	DELAWARE XL (PICK 01-2)	65.0	23.7
ASP6004 (EXS54)	63.3	36.7	LINN	48.3	23.7
ASP6006 (LPFG)	61.7	36.7	TOP GUN II (JR-324)	51.7	23.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	65.0	36.7	CABO II (IS-PR 233)	61.7	23.3
DP 17-9788	63.3	36.7	CITATION FORE	60.0	23.3
PS-2	61.7	36.7	E-99	58.3	23.3
ACCENT II (JR-119)	65.0	33.3	GRAY STAR (PST-2LGL)	58.3	23.3
ALLSTAR 3 (IS-PR 274)	71.7	33.3	HEADSTART 2	50.0	23.3
ASP6005 (AJM)	65.0	33.3	OVERDRIVE	60.0	23.3
FIESTA 4 (PICK F4)	53.3	33.3	KOKOMO II (IS-PR 235)	50.0	22.7
GL-2	65.0	33.3	MANHATTAN 5 GLR (PST-2AM)	61.7	21.7
PARAGON GLR	65.0	33.3	PINNACLE II	53.3	21.7
PRESIDIO (CNV)	62.0	33.3	PST-2LAN	58.3	21.7
PST-217	63.3	33.3	FUSION	61.7	21.0
SECRETARIAT II GLSR (LTP-101-GLSR)	61.7	33.3	GRAND SLAM 2 (PST-2GSM)	61.7	21.0
SRX 4682	61.7	33.3	PANTHER GLS	63.3	21.0
TR47	68.7	33.3	WIND DANCE 2 (PWDR)	55.0	21.0
CALYPSO 3 (MS2)	61.7	31.7	ASP6001 (RTS)	61.7	20.3
PREMIER II	63.7	31.7	WAYFARER (L44)	58.3	20.3
1G SQUARED (APR 1664)	65.0	30.0	MACH I	60.3	20.3
ASP6003 (TRS)	60.0	30.0	PRIMARY (IS-PR 269)	56.7	20.3

TABLE 9.  
(CONT'D)

PERCENT LIVING GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN SEASONS: LOCATIONS 2/

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL
TRANSFORMER (D04-1667)	58.3	20.0
GALATTI (DP 17-9502)	66.7	20.0
HARRIER (SRX 4UP3)	51.7	20.0
PICK 02-R	45.0	20.0
PST-2AG4	48.3	20.0
STELLAR GL (IS-PR 236)	63.3	20.0
LINE DRIVE GLS (APR 1797)	58.3	18.3
PHENOM (APR 1660)	51.7	17.7
RNS	58.7	17.7
GOALKEEPER II (JR-114)	53.3	17.0
BREA (04-BRE)	53.3	16.7
BUENA VISTA	53.3	16.7
DERBY XTREME (IS-PR 268)	55.0	16.7
FIREBOLT (PRG HS-01-09)	45.0	16.7
PIZZAZZ	61.7	16.7
QUICKSILVER	56.7	16.7
AFFINITY	55.0	16.0
PREMIER	55.0	15.0
REGAL 5 (IS-PR 271)	61.7	15.0
LA QUINTA (JR-255)	56.7	14.3
LPR 02203	56.7	14.3
PST-2BLK	51.7	14.3
REVENGE GLX (JR-348)	43.3	13.7
SUNSHINE 2	48.3	13.3
SR 4600 (SRX 4SP)	56.7	11.0
LSD VALUE	21.1	46.5
C.V. (%)	14.2	54.7

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 MEAN IN EACH COLUMN.

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN UNDER TRAFFIC STRESS AT MEAD, NE 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	YELLOW PATCH	APR	MAY	QUALITY RATINGS					MEAN
										JUN	JUL	AUG	SEP	OCT	
APR 1648	9.0	4.0	8.7	9.0	9.0	6.0	5.3	5.7	8.0	7.7	7.3	7.0	7.0	9.0	7.4
NEXUS XR (SNR)	9.0	4.3	8.7	9.0	8.7	5.0	5.7	5.0	9.0	8.3	7.3	7.0	6.3	9.0	7.4
KOKOMO II (IS-PR 235)	9.0	4.0	8.7	9.0	9.0	6.3	3.0	4.7	7.7	7.7	7.3	7.7	6.7	8.7	7.2
NEXUS XD (SP4)	9.0	4.0	8.3	9.0	8.7	6.0	6.0	5.3	8.7	8.0	6.3	6.7	6.3	9.0	7.2
SILVER DOLLAR	8.3	4.3	8.7	9.0	9.0	6.0	5.7	6.0	7.7	8.0	6.7	5.7	7.7	9.0	7.2
BUENA VISTA	8.7	3.0	9.0	9.0	8.7	6.7	3.0	4.7	8.0	7.7	8.3	7.0	5.3	9.0	7.1
FIJI (GPR)	8.7	3.3	8.3	9.0	8.3	6.0	3.0	5.0	8.3	7.7	7.0	7.0	6.0	9.0	7.1
CUTTER II (PM 101)	9.0	4.3	8.7	8.7	8.3	4.7	5.0	5.3	8.3	7.7	6.0	6.7	5.7	9.0	7.0
FUSION	8.3	3.3	8.7	8.7	9.0	6.7	4.3	4.3	7.0	7.3	7.3	6.7	6.7	8.7	7.0
ASP6006 (LPFG)	8.7	3.7	8.3	9.0	9.0	3.7	7.0	4.3	8.0	7.7	5.7	6.3	7.0	9.0	6.9
TRANSFORMER (D04-1667)	8.0	4.0	8.7	8.7	8.7	6.0	5.3	5.7	8.0	7.3	6.0	5.7	6.7	8.7	6.9
PRIMARY (IS-PR 269)	7.7	3.7	9.0	9.0	9.0	6.7	6.0	4.7	8.0	7.0	7.0	6.3	6.7	8.7	6.9
ASP6001 (RTS)	8.0	4.3	8.3	9.0	8.7	5.7	6.0	5.0	8.0	7.0	6.0	6.0	6.3	9.0	6.8
ASP6004 (EXS54)	8.7	4.3	8.3	8.7	8.7	5.3	4.7	5.0	8.0	7.3	5.7	6.7	6.0	9.0	6.8
DELAWARE XL (PICK 01-2)	8.7	4.0	8.3	9.0	9.0	5.0	4.0	4.7	8.0	7.7	6.0	5.7	6.3	9.0	6.8
ES45	9.0	3.3	8.3	8.3	8.3	5.7	4.7	5.3	8.0	7.7	6.7	6.0	5.3	8.3	6.8
STELLAR GL (IS-PR 236)	7.7	4.3	9.0	9.0	8.3	5.0	5.0	4.7	7.7	7.3	7.0	7.0	5.0	8.7	6.8
VB99	8.3	3.7	8.0	8.7	9.0	3.7	5.7	5.7	8.3	7.3	5.3	5.0	7.0	9.0	6.8
FIREBOLT (PRG HS-01-09)	8.3	4.0	8.3	8.7	8.7	3.0	5.0	5.0	8.7	6.3	5.7	6.3	6.0	9.0	6.7
HALO (KN42)	9.0	3.7	8.7	8.3	8.7	4.3	4.7	5.0	7.7	7.0	6.0	6.0	6.3	9.0	6.7
GRAY FOX (PST-2MNG)	7.7	4.0	8.3	9.0	9.0	5.3	3.7	4.7	6.7	7.3	6.0	7.0	6.3	8.7	6.7
REVENGE GLX (JR-348)	8.3	3.7	8.7	8.7	8.3	5.7	4.7	4.3	8.0	7.3	5.3	5.7	7.0	9.0	6.7
SR 4600 (SRX 4SP)	7.7	4.0	8.7	9.0	8.7	4.0	5.7	5.7	7.7	7.0	5.0	5.7	6.7	9.0	6.7
TOP GUN II (JR-324)	8.3	4.3	8.7	9.0	8.7	5.7	6.0	5.7	8.0	8.0	4.7	4.7	7.0	8.7	6.7
WIND DANCE 2 (PWDR)	9.0	4.0	8.7	9.0	8.7	4.7	4.3	5.3	8.0	7.7	5.0	5.7	6.3	9.0	6.7
ALLSTAR 3 (IS-PR 274)	8.7	3.3	8.0	9.0	8.3	4.7	6.3	4.7	8.0	7.3	6.0	6.3	5.0	9.0	6.6
ATTRIBUTE (IS-PR 270)	8.3	4.3	8.3	8.7	8.0	5.3	6.3	5.3	7.7	7.7	6.0	5.7	4.7	9.0	6.6
DART (APR 1663)	8.0	4.3	8.7	9.0	9.0	5.7	6.0	5.0	7.7	7.0	5.7	6.0	7.0	8.0	6.6
E-99	7.3	4.0	6.3	9.0	8.3	6.7	5.0	3.3	8.0	6.7	7.0	7.0	5.3	8.7	6.6
EDGE II (AC2)	8.3	4.3	8.0	8.7	8.7	5.0	5.3	4.7	8.0	7.3	4.7	6.3	6.0	9.0	6.6
EXACTA II GLSR (LTP-611-GLSR)	8.0	4.0	8.7	9.0	8.3	4.3	4.0	5.3	7.0	7.7	5.7	6.0	5.3	9.0	6.6
GL-2	8.3	4.0	9.0	8.7	8.3	3.7	6.0	6.0	8.0	7.3	5.0	5.3	5.7	8.7	6.6
GRAND SLAM 2 (PST-2GSM)	7.7	3.7	8.7	9.0	8.7	5.0	5.7	5.0	7.7	7.3	5.0	5.7	6.3	9.0	6.6
PIZZAZZ	7.7	4.3	9.0	9.0	9.0	3.0	5.3	6.0	7.0	6.7	5.3	6.0	6.3	8.7	6.6
PRESIDIO (CNV)	8.0	4.0	8.3	9.0	8.7	4.3	6.7	5.0	8.0	7.3	5.7	5.3	6.0	9.0	6.6
REGAL 5 (IS-PR 271)	8.3	3.3	8.3	9.0	8.3	3.3	4.7	5.3	8.7	8.0	4.7	4.7	6.0	9.0	6.6
ACCENT II (JR-119)	6.7	3.7	8.3	9.0	9.0	5.7	4.3	5.3	6.7	6.7	6.3	6.0	6.3	8.3	6.5
APPLE GL (AAZ-B104)	7.7	3.7	9.0	8.0	8.3	3.3	6.3	5.7	7.7	6.3	5.0	5.3	6.3	9.0	6.5
ASP6005 (AJM)	8.3	4.7	9.0	9.0	8.3	3.3	5.3	5.3	8.0	7.3	4.7	5.3	6.0	9.0	6.5
DERBY XTREME (IS-PR 268)	8.0	4.0	9.0	9.0	8.0	6.7	6.3	4.7	8.0	7.0	6.7	6.3	4.0	9.0	6.5
KEYSTONE 2 (IS-PR 312)	7.3	4.0	9.0	9.0	8.3	6.7	3.7	5.0	7.3	7.0	6.0	6.3	5.3	8.7	6.5
PARAGON GLR	7.7	3.3	8.7	8.7	8.0	3.3	3.7	5.0	7.3	7.7	5.3	6.3	5.3	8.7	6.5
PM 102	9.0	3.7	8.3	8.3	8.3	4.3	4.7	5.0	7.3	7.3	6.0	5.7	5.3	9.0	6.5
PROTEGE GLR	8.0	3.3	9.0	9.0	9.0	4.7	3.7	4.7	7.3	7.0	6.0	6.0	5.7	9.0	6.5
PST-2BLK	7.3	4.0	8.3	8.3	8.3	7.0	6.7	4.7	7.3	6.7	6.7	6.7	5.0	8.3	6.5
RNS	7.7	4.3	8.3	9.0	8.3	3.3	7.3	5.7	8.0	6.7	5.0	6.0	5.0	9.0	6.5
TR47	8.7	4.3	8.7	8.7	8.7	3.7	6.7	5.0	7.7	7.0	5.7	5.7	5.7	9.0	6.5

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN UNDER TRAFFIC STRESS AT MEAD, NE 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	YELLOW PATCH	QUALITY RATINGS							MEAN
								APR	MAY	JUN	JUL	AUG	SEP	OCT	
AMAZING GS (IS-PR 276)	8.0	3.7	7.3	8.3	8.0	5.3	7.0	4.7	7.7	7.0	5.7	6.0	5.3	8.7	6.4
ASP6002 (BPR)	8.7	4.3	8.0	8.3	8.3	4.0	6.3	5.0	6.7	7.0	5.7	5.7	6.0	8.7	6.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	8.0	4.0	8.7	8.7	8.7	5.0	4.7	4.7	6.7	6.7	5.7	6.7	6.3	8.3	6.4
DP1	8.3	4.0	9.0	9.0	8.0	3.7	5.3	6.0	7.3	7.0	5.3	5.0	5.3	9.0	6.4
FIESTA 4 (PICK F4)	8.7	4.3	9.0	8.7	8.3	4.7	4.7	6.0	7.7	7.0	5.3	4.7	5.3	8.7	6.4
HARRIER (SRX 4UP3)	7.3	3.7	8.3	9.0	8.0	4.7	4.3	4.3	7.3	6.7	6.0	7.0	5.0	8.7	6.4
MMW	7.3	3.3	8.7	8.7	8.7	3.0	5.0	4.7	7.3	6.7	5.7	6.0	5.3	9.0	6.4
MONTEREY 3 (JR-408)	7.7	2.3	8.3	9.0	9.0	5.3	4.3	4.7	7.0	7.3	5.7	4.7	6.7	9.0	6.4
PHENOM (APR 1660)	8.0	3.7	7.7	8.3	8.3	5.7	4.7	5.0	7.3	7.0	5.7	6.0	5.3	8.3	6.4
PST-217	7.7	4.0	8.7	9.0	8.3	5.0	4.3	5.3	7.3	7.0	5.7	5.0	5.3	9.0	6.4
PST-2AG4	7.3	3.3	8.3	8.3	8.7	5.3	4.0	4.3	7.3	6.7	5.3	5.7	6.7	9.0	6.4
HAWKEYE 2 (SRX 4692)	7.7	3.3	7.7	8.3	9.0	5.0	5.7	5.0	7.0	6.7	6.0	6.3	5.7	8.3	6.4
ZOOM (LCK)	7.0	3.0	8.7	8.7	8.0	4.3	5.3	5.7	7.0	7.0	5.3	6.0	5.3	8.3	6.4
CABO II (IS-PR 233)	8.7	3.7	8.3	8.7	8.7	5.3	5.0	4.0	7.3	7.0	5.0	6.3	6.0	8.7	6.3
UNO (D04-11T)	8.3	4.3	8.3	9.0	8.0	4.3	5.3	5.7	8.3	7.0	5.0	4.7	4.7	9.0	6.3
INSPIRE	7.3	3.7	8.7	9.0	9.0	4.0	6.7	5.0	7.0	6.7	5.3	6.0	6.0	8.3	6.3
PLEASURE SUPREME (PM 103)	8.7	4.7	7.7	8.7	8.0	2.0	7.0	4.3	8.3	7.3	5.0	4.7	5.3	9.0	6.3
PS-2	8.0	3.3	8.7	8.7	8.7	5.3	5.3	4.7	6.7	6.7	5.3	6.7	6.0	8.3	6.3
AF	8.0	3.7	8.7	8.7	8.3	4.3	6.7	5.3	7.3	6.0	5.3	5.7	4.7	9.0	6.2
APR 1670	7.0	4.7	9.0	9.0	9.0	5.0	5.3	4.7	7.0	6.7	5.3	6.7	5.3	8.0	6.2
ASP6003 (TRS)	8.3	3.7	8.3	8.3	8.3	3.3	6.3	6.0	8.0	7.0	4.3	4.0	5.3	8.7	6.2
BRIGHTSTAR SLT	7.0	3.0	8.7	8.7	8.7	4.3	4.7	5.0	7.7	6.0	5.0	5.0	6.3	8.3	6.2
CALYPSO 3 (MS2)	8.3	3.7	8.0	8.3	8.3	2.0	5.7	4.3	8.0	7.3	5.3	4.7	5.0	9.0	6.2
GOALKEEPER II (JR-114)	7.3	3.3	8.0	8.7	9.0	2.0	6.0	5.0	6.3	6.0	5.3	5.3	6.7	9.0	6.2
HOMERUN (RG3P)	8.3	3.7	7.7	8.3	7.0	6.7	6.7	4.7	7.0	6.3	7.0	6.7	3.7	8.3	6.2
PANTHER GLS	7.3	4.0	8.3	8.7	8.7	3.7	7.0	5.0	7.3	6.7	4.7	5.3	6.0	8.7	6.2
PST-2LAN	7.0	3.7	8.7	8.7	8.7	6.3	3.0	4.3	6.7	6.7	6.0	6.3	5.3	8.3	6.2
QUICKSILVER	7.7	2.7	8.7	7.7	8.0	7.0	4.7	4.7	7.0	5.7	6.7	5.7	5.7	8.3	6.2
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	3.7	8.7	9.0	8.7	4.3	5.3	4.7	7.7	6.7	4.7	5.0	6.7	8.3	6.2
1G SQUARED (APR 1664)	8.0	3.7	9.0	8.7	8.3	4.3	6.0	4.7	7.3	7.0	3.7	4.3	6.7	9.0	6.1
DCM	7.7	4.0	7.7	8.3	9.0	3.7	7.0	4.0	6.7	5.7	5.7	5.3	6.7	8.7	6.1
GRAY STAR (PST-2LGL)	7.3	4.0	7.3	8.7	8.7	5.7	5.3	3.7	7.3	6.7	6.0	4.7	6.0	8.7	6.1
PALMER IV	8.7	3.7	9.0	9.0	8.3	3.3	4.7	5.3	7.7	7.3	4.0	3.7	5.7	9.0	6.1
SUNSHINE 2	8.3	4.3	8.7	9.0	8.7	3.7	5.3	5.0	8.0	6.3	4.7	4.3	6.0	8.7	6.1
RINGER II (04-BEN)	7.0	3.7	7.3	9.0	8.3	5.0	5.3	4.0	7.3	7.0	6.0	5.0	4.3	8.3	6.0
BREA (04-BRE)	7.3	4.3	8.3	8.3	8.3	3.3	5.3	5.0	7.7	6.0	5.7	4.0	5.0	8.3	6.0
BAR LP 4317	7.0	4.0	8.3	9.0	8.7	4.7	5.3	5.3	7.0	6.0	5.0	5.0	5.0	8.3	6.0
BAR LP 4420	8.0	4.0	8.7	8.3	8.3	2.7	3.7	5.7	7.0	7.0	4.0	4.7	4.7	9.0	6.0
CADDIESHACK II (JR-163)	7.0	3.3	9.0	9.0	8.7	4.3	3.0	4.7	7.0	6.3	5.3	5.3	5.7	8.0	6.0
CITATION FORE	7.0	3.3	8.7	8.7	8.3	4.3	6.7	5.0	6.7	5.7	5.3	5.7	5.7	8.3	6.0
D04-LP05	7.0	4.0	7.7	9.0	8.0	5.0	6.0	4.0	7.0	6.3	6.0	5.3	4.3	8.7	6.0
WAYFARER (L44)	8.3	3.0	7.7	8.3	8.0	4.3	5.7	3.7	7.3	7.3	5.0	5.3	5.0	8.7	6.0
MANHATTAN 5 GLR (PST-2AM)	7.3	4.3	9.0	8.7	8.7	4.3	4.7	5.0	6.7	6.0	4.7	4.7	6.3	8.3	6.0
OVERDRIVE	7.0	3.7	8.0	8.7	8.0	2.3	7.0	4.7	7.3	7.0	4.3	4.3	5.3	9.0	6.0
PALACE (IS-PR 273)	8.3	3.7	8.7	8.7	8.3	3.3	7.0	4.3	7.7	7.3	4.7	4.3	5.0	9.0	6.0
PENTIUM	6.7	2.7	8.3	9.0	8.7	6.3	5.0	4.0	6.3	6.3	5.3	6.0	6.0	8.0	6.0
PICK 02-R	8.7	4.0	8.3	8.7	8.7	2.7	5.7	5.0	8.0	6.3	4.3	3.7	6.0	9.0	6.0

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT MEAD, NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	YELLOW PATCH	APR	MAY	QUALITY RATINGS					MEAN
										JUN	JUL	AUG	SEP	OCT	
PINNACLE II	7.0	4.0	8.3	9.0	8.0	3.3	4.7	5.3	7.3	6.7	4.3	4.0	5.0	9.0	6.0
REPELL GLS	7.7	3.0	6.7	8.0	8.0	5.3	5.7	4.3	6.3	6.0	5.7	5.7	5.3	8.3	6.0
BARLENNIUM	7.0	4.3	9.0	9.0	8.3	4.0	4.7	5.3	6.7	6.0	5.0	4.7	5.3	8.3	5.9
DEFENDER (D04-UP)	8.0	3.7	8.3	8.0	8.3	4.0	3.3	4.7	6.7	6.7	4.7	4.3	5.7	8.3	5.9
DP 17-9499	8.3	4.0	8.0	8.0	8.0	4.0	5.7	5.0	6.7	6.0	4.7	5.0	5.3	8.3	5.9
LA QUINTA (JR-255)	8.3	3.0	7.7	8.3	8.3	3.3	5.3	4.7	6.7	6.3	4.7	4.3	5.3	9.0	5.9
PIANIST (DP 17-9505)	7.3	3.0	8.0	9.0	8.0	3.0	6.3	4.3	7.7	7.0	4.7	4.7	4.7	8.3	5.9
PREMIER II	6.7	3.3	8.0	9.0	8.3	4.3	5.0	5.3	6.7	6.0	5.0	4.3	5.0	8.7	5.9
RAD-PR8	7.0	3.0	8.7	9.0	8.3	4.3	5.7	4.0	7.0	6.3	4.7	5.7	5.3	8.0	5.9
MAJESTY II (VB77)	8.0	4.3	7.0	7.7	8.0	4.7	6.0	4.0	6.7	6.3	5.3	5.0	5.3	8.3	5.9
SRX 4682	7.0	2.7	8.0	9.0	9.0	5.3	2.3	3.7	5.7	6.3	5.7	5.3	6.0	8.0	5.8
GALATTI (DP 17-9502)	7.3	3.7	8.7	8.3	8.0	2.3	4.7	4.7	7.3	6.7	3.7	3.7	5.7	8.3	5.7
DASHER 3 (PICK RB-1)	7.3	3.7	8.0	9.0	7.7	2.3	6.3	4.3	7.0	6.7	3.3	4.0	4.7	9.0	5.6
DP 17-9788	6.3	3.7	8.3	8.7	9.0	2.3	5.0	5.3	6.0	5.3	4.0	4.3	6.3	8.0	5.6
HEADSTART 2	8.0	4.0	8.0	8.0	7.7	3.0	7.3	4.7	6.0	5.3	5.3	5.0	5.0	8.0	5.6
MACH I	7.7	4.0	8.7	8.7	7.3	1.7	5.3	5.0	7.0	6.7	3.0	4.7	4.0	8.0	5.5
LINE DRIVE GLS (APR 1797)	7.0	4.0	7.7	8.7	8.3	3.0	6.7	5.0	6.7	6.3	4.0	3.3	4.7	8.0	5.4
PALMER III	6.7	3.7	8.7	8.7	8.3	3.3	5.7	5.3	6.3	5.3	3.7	3.7	5.0	8.7	5.4
BAR LP 4920	7.7	4.0	8.3	8.7	7.7	2.3	4.7	4.0	6.7	6.0	3.7	4.0	4.3	8.7	5.3
LPR 02203	6.0	3.3	8.3	8.7	8.7	2.7	4.7	4.7	5.7	4.7	5.0	4.7	5.3	7.0	5.3
AFFINITY	6.0	4.3	8.7	8.7	8.7	2.0	7.0	4.7	5.0	5.3	4.3	4.3	5.0	7.3	5.1
PANTHER	6.0	4.3	7.7	8.7	7.3	1.3	6.3	4.3	5.3	4.7	4.0	4.0	4.0	8.0	4.9
PINNACLE	5.7	3.3	9.0	8.3	8.3	2.3	6.3	5.3	5.0	4.7	3.3	4.0	5.0	6.3	4.8
PREMIER	5.7	3.7	9.0	9.0	8.0	4.0	6.7	3.7	5.3	4.3	4.7	4.7	4.7	6.3	4.8
LINN	3.0	3.0	6.3	7.3	6.0	4.3	4.7	2.7	2.7	3.0	2.3	2.3	2.7	3.7	2.8
LSD VALUE	1.0	2.7	3.2	1.8	2.2	2.3	4.6	2.9	1.3	1.1	2.2	2.8	4.2	0.9	0.8
C.V. (%)	8.4	20.0	10.4	6.2	8.3	30.4	30.0	18.9	10.9	10.3	21.4	23.7	22.6	6.4	8.0

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 MEAN IN EACH COLUMN.

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN UNDER TRAFFIC STRESS AT ITHACA, NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS							MEAN
	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	
APR 1648	6.0	5.0	4.3	4.7	4.3	4.0	4.3	4.4
AMAZING GS (IS-PR 276)	6.0	6.0	5.0	3.7	3.7	4.0	3.7	4.3
EXACTA II GLSR (LTP-611-GLSR)	5.7	5.3	4.7	4.0	4.0	3.7	4.0	4.3
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	4.7	4.3	4.3	4.0	4.3	4.3	4.3
TOP GUN II (JR-324)	5.7	4.3	4.7	4.0	4.3	4.3	4.3	4.3
GRAY STAR (PST-2LGL)	5.7	4.3	3.7	4.3	4.0	4.3	4.3	4.2
INSPIRE	5.7	5.0	4.0	4.3	4.0	4.0	4.0	4.2
KEYSTONE 2 (IS-PR 312)	5.3	5.0	4.7	3.7	3.7	4.0	4.0	4.2
REVENGE GLX (JR-348)	5.3	4.0	3.7	4.3	4.3	4.0	4.7	4.2
CALYPSO 3 (MS2)	5.3	4.7	4.3	3.7	3.7	4.0	4.0	4.1
DEFENDER (D04-UP)	5.3	5.0	4.3	3.7	3.3	4.0	4.0	4.1
RAD-PR8	5.7	4.7	4.0	3.7	3.7	4.3	4.0	4.1
RNS	5.3	5.0	4.3	4.0	3.3	3.7	4.0	4.1
ASP6006 (LPFG)	6.0	5.3	4.0	3.3	3.7	3.7	4.0	4.0
FIJI (GPR)	5.3	4.7	3.7	3.7	3.7	4.0	4.3	4.0
GRAND SLAM 2 (PST-2GSM)	5.7	5.0	4.0	3.7	3.7	4.0	3.7	4.0
LINE DRIVE GLS (APR 1797)	5.0	5.0	4.0	3.7	4.0	3.7	3.7	4.0
MMW	5.0	4.3	4.0	3.7	4.0	4.0	4.0	4.0
PANTHER	4.3	4.7	4.3	3.3	3.7	4.0	4.0	4.0
PARAGON GLR	5.7	4.7	4.0	3.7	3.7	4.0	4.0	4.0
PST-217	6.0	5.0	4.0	3.7	4.0	3.3	4.0	4.0
PST-2BLK	5.3	4.7	4.0	3.7	4.0	4.0	3.7	4.0
REGAL 5 (IS-PR 271)	5.3	4.7	4.0	3.7	3.7	4.0	4.0	4.0
RINGER II (04-BEN)	5.3	4.7	4.0	3.7	3.3	4.0	3.7	3.9
ASP6004 (EXS54)	5.0	4.7	4.0	3.3	3.3	4.3	3.7	3.9
BAR LP 4920	4.7	4.3	4.0	3.7	3.7	4.0	4.0	3.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.7	5.0	4.0	3.7	3.7	3.7	3.7	3.9
CUTTER II (PM 101)	5.7	4.7	4.3	3.7	3.7	4.0	3.3	3.9
UNO (D04-11T)	5.0	5.0	4.0	3.3	4.0	3.7	3.3	3.9
DP1	6.3	4.0	3.7	4.0	4.3	3.7	4.0	3.9
GL-2	5.3	4.7	4.0	3.7	3.7	3.7	3.7	3.9
LA QUINTA (JR-255)	6.0	4.7	4.0	3.3	3.7	4.0	3.7	3.9
LPR 02203	4.0	4.7	4.0	3.3	3.3	4.0	4.0	3.9
NEXUS XR (SNR)	5.3	4.0	4.0	3.7	3.7	4.0	4.0	3.9
PANTHER GLS	4.0	4.0	4.0	3.7	3.7	3.7	4.7	3.9
WIND DANCE 2 (PWDR)	5.7	4.3	4.3	3.0	4.0	3.7	4.0	3.9
1G SQUARED (APR 1664)	5.7	5.3	4.0	3.3	3.3	3.3	3.7	3.8
AF	5.0	4.3	3.7	3.7	3.3	3.7	4.0	3.8
APPLE GL (AAZ-B104)	5.0	4.3	4.0	3.7	3.0	3.3	4.3	3.8
CABO II (IS-PR 233)	5.0	4.7	3.7	3.0	3.7	4.0	4.0	3.8
CITATION FORE	5.3	4.7	4.3	3.3	3.3	3.0	4.0	3.8
TRANSFORMER (D04-1667)	5.3	4.7	4.0	3.3	3.7	3.7	3.3	3.8
DCM	4.3	4.3	3.3	4.0	3.3	3.7	4.3	3.8
DP 17-9499	5.7	5.3	4.3	3.0	3.7	3.0	3.7	3.8
EDGE II (AC2)	4.7	4.3	4.0	3.7	3.7	3.3	4.0	3.8
FIREBOLT (PRG HS-01-09)	5.7	4.3	3.7	3.7	3.3	3.7	4.0	3.8
PALMER III	4.7	4.0	4.0	3.7	4.0	3.7	3.7	3.8

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN UNDER TRAFFIC STRESS AT ITHACA, NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	QUALITY RATINGS							MEAN
	GREENUP	MAY	JUN	JUL	AUG	SEP	OCT		
PALMER IV	5.0	4.3	3.7	3.3	4.0	3.7	3.7	3.8	
PLEASURE SUPREME (PM 103)	5.3	4.7	4.3	3.0	3.3	4.0	3.7	3.8	
PST-2LAN	6.0	4.3	4.0	3.7	3.3	3.7	4.0	3.8	
QUICKSILVER	4.7	4.3	4.3	3.0	3.3	4.0	3.7	3.8	
MAJESTY II (VB77)	4.0	4.3	4.0	3.3	3.7	3.7	4.0	3.8	
ALLSTAR 3 (IS-PR 274)	5.3	4.3	4.0	3.0	3.3	3.7	3.7	3.7	
APR 1670	5.3	5.0	3.3	3.3	3.3	3.3	3.7	3.7	
BRIGHTSTAR SLT	5.3	4.0	3.7	3.7	3.7	3.7	3.3	3.7	
BUENA VISTA	5.0	4.7	4.3	3.0	3.3	3.7	3.3	3.7	
CADDIESHACK II (JR-163)	4.7	4.3	4.0	3.3	3.3	3.7	3.7	3.7	
DO4-LP05	4.7	4.3	4.3	3.3	3.3	3.7	3.3	3.7	
DART (APR 1663)	5.0	4.7	4.0	3.3	3.3	3.7	3.3	3.7	
E-99	4.7	4.0	4.3	3.7	3.3	3.7	3.3	3.7	
MANHATTAN 5 GLR (PST-2AM)	5.3	5.0	4.0	3.0	3.0	3.3	4.0	3.7	
PINNACLE II	5.3	5.0	4.3	3.3	3.0	3.3	3.3	3.7	
PIZZAZZ	5.3	4.3	3.7	3.3	3.3	3.7	4.0	3.7	
TR47	4.7	4.7	4.3	3.0	3.3	3.3	3.3	3.7	
ASP6002 (BPR)	5.0	5.0	4.0	2.7	3.3	3.3	3.0	3.6	
ASP6005 (AJM)	5.3	5.3	3.3	3.3	3.0	3.0	3.7	3.6	
BAR LP 4420	4.3	4.3	4.3	3.0	3.0	3.7	3.3	3.6	
ES45	5.3	4.7	3.7	2.7	3.7	3.7	3.3	3.6	
FUSION	6.0	5.0	4.0	3.0	3.3	3.0	3.3	3.6	
HALO (KN42)	4.7	4.3	4.3	3.0	3.3	3.3	3.3	3.6	
HEADSTART 2	4.7	4.0	3.3	3.0	3.7	3.7	3.7	3.6	
KOKOMO II (IS-PR 235)	4.3	4.0	3.7	3.3	3.3	3.3	4.0	3.6	
MACH I	5.3	4.3	3.7	3.0	3.0	3.3	4.0	3.6	
NEXUS XD (SP4)	5.0	4.7	4.0	2.7	3.3	3.3	3.3	3.6	
OVERDRIVE	4.0	4.3	4.3	3.3	3.3	3.3	3.0	3.6	
PENTIUM	4.7	4.3	4.0	3.0	3.3	3.7	3.3	3.6	
PHENOM (APR 1660)	5.3	4.0	4.0	3.0	3.0	3.3	4.0	3.6	
PINNACLE	5.0	4.3	4.0	3.3	3.3	3.0	3.3	3.6	
PM 102	5.7	5.0	3.7	2.7	3.3	3.7	3.0	3.6	
PRESIDIO (CNV)	4.0	4.7	3.7	3.0	3.3	3.7	3.0	3.6	
PROTEGE GLR	5.7	4.3	4.0	3.3	3.3	3.3	3.0	3.6	
PS-2	4.3	4.0	4.0	3.0	3.3	3.7	3.3	3.6	
GRAY FOX (PST-2MNG)	5.0	4.7	4.0	3.0	3.0	3.3	3.3	3.6	
ZOOM (LCK)	5.7	4.3	3.7	3.0	3.3	3.3	3.7	3.6	
ASP6003 (TRS)	5.3	4.3	3.7	2.7	3.7	3.3	3.3	3.5	
DELAWARE XL (PICK 01-2)	4.7	4.0	3.3	3.0	3.7	3.7	3.3	3.5	
FIESTA 4 (PICK F4)	4.3	4.3	4.0	3.0	3.0	3.3	3.3	3.5	
HARRIER (SRX 4UP3)	4.3	3.7	3.7	3.0	3.7	3.3	3.7	3.5	
HOMERUN (RG3P)	5.3	5.3	4.0	2.7	3.0	3.0	3.0	3.5	
WAYFARER (L44)	5.3	4.0	3.7	3.0	3.0	3.7	3.7	3.5	
HAWKEYE 2 (SRX 4692)	5.3	4.0	4.3	3.0	3.0	3.3	3.3	3.5	
VB99	5.3	4.0	4.0	3.0	3.0	3.3	3.7	3.5	
ASP6001 (RTS)	5.7	4.3	3.7	2.7	3.3	3.3	3.3	3.4	
ATTRIBUTE (IS-PR 270)	5.0	4.3	3.7	3.0	3.3	3.0	3.0	3.4	



TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 (CONT'D) GROWN UNDER TRAFFIC STRESS AT ITHACA, NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	MAY	JUN	QUALITY RATINGS				OCT	MEAN
				JUL	AUG	SEP			
BAR LP 4317	5.0	4.0	3.7	3.0	3.0	3.3	3.3	3.4	
BARLENNIUM	4.3	4.7	3.7	2.7	3.0	3.3	3.0	3.4	
DASHER 3 (PICK RB-1)	5.3	4.7	4.7	2.7	2.3	2.7	3.3	3.4	
DERBY XTREME (IS-PR 268)	5.7	4.3	3.7	3.0	3.0	3.0	3.7	3.4	
GALATTI (DP 17-9502)	4.7	4.3	4.0	2.7	3.0	3.7	3.0	3.4	
GOALKEEPER II (JR-114)	4.7	4.3	3.3	3.0	3.3	3.0	3.7	3.4	
PST-2AG4	5.3	4.7	3.7	2.7	3.0	3.3	3.0	3.4	
REPELL GLS	6.0	4.7	3.7	3.0	2.7	2.7	3.7	3.4	
SILVER DOLLAR	5.7	4.7	3.7	3.0	3.0	3.0	3.3	3.4	
SRX 4682	5.3	4.0	3.7	3.0	3.3	3.3	3.0	3.4	
STELLAR GL (IS-PR 236)	4.3	4.0	3.7	3.0	3.3	3.0	3.3	3.4	
BREA (04-BRE)	5.0	4.3	3.3	2.7	3.0	3.3	3.3	3.3	
AFFINITY	3.7	4.0	4.0	2.7	2.7	2.7	3.7	3.3	
DP 17-9788	5.7	4.7	3.0	2.7	2.7	3.3	3.3	3.3	
PIANIST (DP 17-9505)	4.7	4.7	4.0	2.7	2.7	3.0	3.0	3.3	
PREMIER II	4.0	4.0	3.3	2.7	3.0	2.7	4.0	3.3	
PRIMARY (IS-PR 269)	4.3	4.3	3.7	2.3	3.0	3.7	3.0	3.3	
SUNSHINE 2	4.7	4.0	3.3	3.0	2.7	3.7	3.0	3.3	
PALACE (IS-PR 273)	4.7	4.3	3.7	2.7	2.7	3.3	2.7	3.2	
SR 4600 (SRX 4SP)	4.7	4.3	3.7	2.7	2.7	3.0	3.0	3.2	
MONTEREY 3 (JR-408)	4.3	4.0	3.3	2.7	2.7	3.0	3.0	3.1	
PICK 02-R	4.7	4.3	3.3	2.3	3.0	3.0	2.7	3.1	
PREMIER	4.0	3.3	3.3	2.7	3.0	3.3	3.0	3.1	
ACCENT II (JR-119)	4.3	4.0	3.7	2.3	2.0	3.0	2.7	2.9	
LINN	2.3	2.3	2.7	2.7	2.7	2.7	2.7	2.6	
LSD VALUE	3.3	1.4	2.8	2.9	2.4	3.6	2.0	1.6	
C.V. (%)	19.2	13.6	16.1	23.7	20.3	20.2	18.4	13.1	

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 MEAN IN EACH COLUMN.

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
UNO (D04-11T)	7.7	5.0	4.7	4.0	5.0	6.7	6.0	5.3	6.7	6.3	5.7	6.0	5.3	5.6
DERBY XTREME (IS-PR 268)	8.3	5.3	5.0	5.7	5.7	6.0	6.0	5.3	5.3	5.7	7.0	5.0	5.3	5.6
FIESTA 4 (PICK F4)	8.0	5.3	5.3	5.0	5.7	6.0	6.0	5.3	6.0	5.3	5.0	4.3	4.7	5.3
HOMERUN (RG3P)	7.3	4.7	4.0	3.7	4.7	7.0	6.0	5.7	6.0	6.0	6.0	4.7	5.3	5.3
ZOOM (LCK)	7.3	5.0	5.3	5.0	5.0	5.3	6.0	5.3	5.0	5.7	5.7	5.0	4.7	5.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.7	5.3	5.3	5.0	5.0	6.3	5.3	5.0	4.7	5.7	5.7	4.7	4.7	5.2
ATTRIBUTE (IS-PR 270)	7.7	4.3	4.7	5.3	5.0	5.7	5.7	5.0	5.3	5.0	5.7	5.0	4.3	5.1
EXACTA II GLSR (LTP-611-GLSR)	8.7	5.0	4.7	5.3	6.0	6.3	5.0	4.3	4.3	4.7	5.7	5.0	5.0	5.1
APR 1648	8.3	4.7	4.3	4.7	5.0	5.7	5.0	5.0	5.0	5.7	5.7	4.3	5.0	5.0
E-99	6.7	4.3	4.7	4.3	5.3	5.7	5.0	4.7	5.7	5.3	6.0	4.7	4.3	5.0
PALMER IV	8.0	5.0	5.0	4.7	5.0	6.0	5.7	4.3	4.7	5.0	5.3	4.7	5.0	5.0
PRIMARY (IS-PR 269)	7.0	4.7	5.0	4.7	4.7	5.7	5.3	5.3	5.3	5.0	5.0	4.7	4.3	5.0
SILVER DOLLAR	8.0	4.7	4.7	4.3	4.3	5.3	4.7	5.0	6.0	6.3	6.0	4.0	4.3	5.0
SR 4600 (SRX 4SP)	8.0	5.0	5.3	5.0	5.3	4.7	5.0	5.0	4.7	5.0	6.0	4.3	4.7	5.0
1G SQUARED (APR 1664)	7.0	5.0	4.3	4.3	4.3	6.7	5.3	5.0	5.0	5.0	5.0	4.3	4.3	4.9
ALLSTAR 3 (IS-PR 274)	7.3	5.3	5.3	4.0	4.7	5.7	6.0	4.3	5.0	5.0	5.0	4.3	4.7	4.9
AMAZING GS (IS-PR 276)	8.0	5.0	4.3	4.7	4.3	6.0	4.3	4.7	5.3	5.3	5.7	4.7	4.3	4.9
APPLE GL (AAZ-B104)	8.0	5.0	5.0	5.3	5.3	5.3	4.3	4.0	5.0	5.0	5.3	4.3	4.3	4.9
TRANSFORMER (D04-1667)	6.7	4.0	3.7	4.3	5.3	5.7	4.3	5.0	6.0	6.0	5.7	4.0	4.3	4.9
DCM	7.0	5.0	5.0	5.0	6.0	6.3	5.0	5.0	4.7	4.3	4.3	4.0	4.3	4.9
GL-2	7.7	4.7	5.3	4.7	5.3	5.7	4.3	4.7	4.7	4.7	5.3	4.3	4.7	4.9
GRAND SLAM 2 (PST-2GSM)	7.3	5.3	4.7	4.3	5.0	5.3	4.0	4.7	5.0	4.7	6.0	4.7	4.7	4.9
KEYSTONE 2 (IS-PR 312)	7.3	4.3	4.3	4.7	4.7	6.3	5.7	5.7	5.0	5.0	5.0	3.7	4.0	4.9
PALACE (IS-PR 273)	8.0	4.7	4.3	4.7	5.0	5.0	4.7	5.0	5.7	5.7	5.3	4.3	4.3	4.9
CITATION FORE	7.3	5.0	5.3	4.7	5.3	5.7	4.3	4.7	5.0	5.0	4.7	4.0	4.0	4.8
DART (APR 1663)	7.0	4.7	4.0	4.3	4.7	5.0	4.3	4.7	5.3	5.3	6.0	4.3	4.3	4.8
EDGE II (AC2)	8.0	4.3	4.3	3.7	4.3	5.7	4.7	4.7	5.3	5.7	6.0	4.3	4.0	4.8
MACH I	7.3	4.7	3.7	4.0	4.7	5.7	5.0	4.3	5.7	5.0	6.0	4.7	4.3	4.8
RNS	7.3	4.3	4.7	4.7	5.3	6.0	5.0	5.0	5.0	4.0	4.7	4.0	4.3	4.8
BRIGHTSTAR SLT	7.0	4.3	3.7	4.3	5.7	5.3	5.0	5.7	4.3	5.3	5.0	3.7	3.7	4.7
D04-LP05	7.3	4.3	4.3	4.3	5.7	6.7	5.0	4.7	5.0	4.3	4.7	3.3	3.7	4.7
DEFENDER (D04-UP)	7.0	4.3	4.3	4.7	5.0	4.7	4.7	4.3	4.3	5.0	5.3	4.7	4.7	4.7
LINE DRIVE GLS (APR 1797)	7.3	4.0	4.3	3.7	4.7	5.0	5.0	5.3	4.7	5.7	5.7	4.0	4.3	4.7
PANTHER GLS	7.3	5.0	4.3	4.0	5.7	5.7	4.7	4.7	4.7	4.7	5.3	3.3	4.0	4.7
PARAGON GLR	8.0	5.0	5.0	4.3	5.0	5.0	4.7	3.7	5.3	4.3	5.0	4.3	4.7	4.7
PIANIST (DP 17-9505)	7.7	4.0	3.7	3.3	4.3	5.3	5.0	4.7	5.3	6.0	5.7	4.0	4.7	4.7
RAD-PR8	7.3	4.3	4.3	3.7	4.3	6.0	5.3	5.3	5.0	5.3	5.0	3.7	4.0	4.7
REPELL GLS	7.0	4.3	4.0	4.3	5.0	5.7	4.3	5.0	4.7	5.3	5.0	4.0	4.3	4.7
SECRETARIAT II GLSR (LTP-101-GLSR)	6.7	4.3	4.0	3.0	5.0	5.3	4.7	4.7	5.7	6.0	5.3	4.0	4.7	4.7
CALYPSO 3 (MS2)	8.3	4.3	4.0	3.0	4.7	5.3	4.3	4.3	5.7	5.0	6.0	3.7	4.3	4.6
DASHER 3 (PICK RB-1)	7.0	4.7	4.3	4.3	5.0	6.0	5.0	4.7	4.7	4.3	4.3	3.7	4.3	4.6
FUSION	7.7	4.7	4.7	4.0	4.3	5.3	4.3	4.0	4.7	5.3	6.3	4.0	4.0	4.6
GRAY STAR (PST-2LGL)	7.3	4.3	3.7	3.7	4.7	5.3	4.3	5.3	4.7	6.0	5.7	4.0	4.0	4.6
MANHATTAN 5 GLR (PST-2AM)	7.0	4.3	4.3	4.0	5.3	5.7	5.0	4.7	5.0	5.3	4.7	3.7	3.7	4.6
MMW	8.0	5.0	4.3	4.0	4.0	5.7	5.7	4.7	4.3	4.7	5.3	4.0	4.0	4.6
PENTIUM	6.3	3.7	3.7	3.7	5.0	5.7	5.3	4.7	5.3	5.0	5.3	4.0	4.0	4.6
PHENOM (APR 1660)	7.3	4.3	4.3	4.3	4.3	5.7	4.7	5.3	5.0	5.7	5.0	3.3	3.7	4.6

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
STELLAR GL (IS-PR 236)	8.7	5.0	4.0	5.0	5.0	5.7	5.3	4.7	4.3	4.0	4.3	4.3	4.0	4.6
TOP GUN II (JR-324)	7.7	4.0	3.3	4.7	4.7	5.0	5.3	4.7	5.0	5.0	5.3	3.7	4.3	4.6
AF	7.0	4.0	4.3	3.3	4.7	4.7	5.0	5.7	4.3	4.3	5.7	3.7	4.0	4.5
CABO II (IS-PR 233)	8.7	5.0	4.7	3.7	4.3	6.0	4.7	4.3	4.3	3.7	5.0	4.0	4.3	4.5
DP 17-9499	8.3	3.3	3.7	3.3	3.7	5.0	4.7	5.3	6.0	5.3	5.3	4.0	4.3	4.5
DP 17-9788	6.3	4.0	4.0	4.0	4.0	5.3	4.7	4.7	5.0	5.0	6.0	3.7	4.0	4.5
DP1	8.0	4.7	4.7	4.0	4.0	6.0	5.0	5.0	5.0	4.0	4.3	4.0	3.7	4.5
REGAL 5 (IS-PR 271)	8.0	5.0	4.3	4.0	4.3	6.7	5.0	4.3	4.7	3.7	4.3	3.7	4.0	4.5
REVENGE GLX (JR-348)	8.0	4.3	4.3	4.0	5.0	6.0	5.0	4.0	4.3	4.0	5.0	3.7	4.3	4.5
BUENA VISTA	7.7	5.0	5.0	4.3	4.7	5.7	4.0	3.7	4.0	3.7	4.7	4.0	4.7	4.4
CUTTER II (PM 101)	8.0	4.7	4.3	3.7	4.3	5.3	5.3	4.7	4.3	4.0	4.7	3.3	4.0	4.4
GALATTI (DP 17-9502)	7.7	3.7	4.3	4.0	4.0	5.7	5.3	4.7	4.3	4.0	4.7	4.0	4.3	4.4
HARRIER (SRX 4UP3)	7.3	4.7	4.7	4.3	5.0	5.3	5.3	4.3	4.0	3.3	4.3	3.7	3.3	4.4
KOKOMO II (IS-PR 235)	8.0	5.0	4.7	4.7	5.0	5.0	4.7	4.0	4.0	3.3	4.7	3.7	3.7	4.4
MONTEREY 3 (JR-408)	7.3	4.3	3.7	4.0	4.7	5.0	5.0	5.0	4.7	4.7	5.0	3.3	3.7	4.4
OVERDRIVE	7.3	5.0	4.7	4.0	4.7	4.7	4.3	4.3	4.7	4.3	5.3	3.7	3.7	4.4
PM 102	8.7	4.3	4.0	3.7	5.0	6.0	4.7	4.0	4.7	4.0	5.0	3.3	4.0	4.4
PST-2LAN	7.0	4.3	3.7	3.3	4.3	5.0	4.7	4.7	5.7	5.3	5.7	3.0	3.7	4.4
SUNSHINE 2	8.7	4.3	4.7	3.7	5.0	5.7	4.3	4.3	4.0	4.3	4.7	3.3	4.0	4.4
TR47	9.0	4.3	4.3	4.3	4.7	5.7	4.3	4.3	4.3	4.7	5.0	3.3	3.7	4.4
RINGER II (O4-BEN)	7.0	4.3	4.3	3.3	4.0	5.3	4.3	4.0	5.0	5.0	5.0	3.3	4.0	4.3
ASP6003 (TRS)	9.0	5.0	4.0	3.7	4.3	6.0	4.7	4.3	4.0	4.0	4.3	3.3	3.7	4.3
BAR LP 4420	7.3	4.0	3.7	4.7	4.3	5.0	4.7	4.3	4.3	4.3	5.0	3.7	3.3	4.3
FIJI (GPR)	8.7	4.3	4.3	3.7	4.3	4.7	4.0	4.0	4.3	5.0	5.3	3.7	3.7	4.3
PALMER III	6.3	4.0	3.7	3.3	4.0	5.0	4.3	4.7	4.7	5.0	5.0	3.7	3.7	4.3
PROTEGE GLR	8.3	5.0	4.3	4.0	4.3	5.7	4.7	4.3	4.0	3.3	4.3	3.3	4.3	4.3
PS-2	6.7	4.0	3.7	3.3	4.0	4.7	4.0	4.3	4.7	5.3	5.7	3.7	3.7	4.3
PST-2AG4	8.0	4.7	5.0	4.0	4.0	5.0	4.0	4.3	3.7	4.0	4.7	4.0	4.0	4.3
PST-2BLK	8.3	4.3	4.0	3.7	5.0	5.0	4.3	4.3	4.0	5.0	5.0	3.0	3.3	4.3
GRAY FOX (PST-2MNG)	6.7	4.0	3.7	3.3	4.0	5.0	5.0	4.3	4.7	5.0	4.7	3.3	4.0	4.3
SRX 4682	6.7	4.0	3.7	3.3	4.7	5.3	4.3	4.7	4.3	4.7	5.7	3.0	3.7	4.3
MAJESTY II (VB77)	8.7	4.0	4.7	3.7	4.0	5.3	4.7	4.7	4.3	3.7	4.3	3.7	4.0	4.3
WIND DANCE 2 (PWDR)	8.3	4.0	4.0	4.3	4.3	5.7	5.0	4.3	4.3	4.3	4.7	3.3	3.7	4.3
APR 1670	7.0	4.0	3.7	3.3	4.0	5.7	4.3	4.0	4.7	4.7	4.7	3.3	4.0	4.2
ASP6006 (LPFG)	8.7	4.3	4.3	3.3	4.7	5.0	3.7	4.0	4.0	4.3	5.0	3.3	4.0	4.2
BAR LP 4317	6.3	3.3	3.7	3.7	4.3	5.3	4.3	4.7	5.0	4.7	5.0	3.0	3.7	4.2
BAR LP 4920	7.3	4.3	4.0	3.3	4.3	4.7	4.3	4.0	5.0	4.3	5.0	3.3	3.3	4.2
DELAWARE XL (PICK 01-2)	8.3	4.3	4.0	4.3	3.7	5.3	4.3	4.3	3.7	4.7	4.3	3.7	3.7	4.2
GOALKEEPER II (JR-114)	7.3	4.0	3.3	3.7	5.0	5.0	4.0	4.3	4.3	5.3	5.0	3.0	3.7	4.2
HEADSTART 2	8.7	4.7	3.3	4.0	4.3	5.3	4.3	4.3	4.3	4.3	5.0	3.0	3.3	4.2
WAYFARER (L44)	8.7	4.0	4.0	4.3	4.0	5.3	4.0	3.7	4.3	4.0	5.3	3.7	4.0	4.2
PIZZAZZ	7.7	4.3	4.0	3.7	4.0	4.3	4.0	4.7	4.3	5.0	4.7	3.7	4.0	4.2
PLEASURE SUPREME (PM 103)	7.7	4.3	3.7	3.7	3.7	5.7	4.3	4.0	5.0	4.0	5.0	3.3	3.7	4.2
PREMIER II	5.7	4.0	3.7	3.0	4.7	5.0	4.3	5.0	4.0	4.3	4.3	4.0	3.7	4.2
PST-217	7.3	4.3	3.7	3.7	3.7	4.7	4.7	4.3	4.3	4.3	5.7	3.7	3.7	4.2
ACCENT II (JR-119)	6.7	4.3	4.0	3.3	4.0	4.0	4.7	4.7	3.7	4.7	4.3	3.7	3.7	4.1
ASP6002 (BPR)	9.0	4.3	3.7	3.0	4.0	5.7	4.3	4.3	4.3	4.3	4.7	3.3	3.7	4.1

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ASP6004 (EXS54)	8.3	4.0	3.7	3.7	4.7	5.0	4.0	4.3	4.0	4.3	4.7	3.3	3.3	4.1
ES45	8.7	4.3	3.7	4.0	4.3	5.7	4.0	4.7	3.7	4.0	4.3	3.3	3.3	4.1
HALO (KN42)	8.7	4.0	3.3	3.3	3.3	4.7	4.3	3.7	4.7	4.7	4.7	4.0	4.0	4.1
LA QUINTA (JR-255)	8.7	4.0	4.3	4.7	4.3	6.0	4.3	4.0	4.0	3.3	4.3	3.0	3.0	4.1
PANTHER	6.0	3.7	3.0	3.7	4.3	4.0	4.7	4.7	4.0	5.3	5.3	3.0	3.3	4.1
PICK 02-R	8.7	4.3	4.0	3.7	3.7	5.3	4.3	4.0	4.0	4.3	5.3	3.0	3.3	4.1
PINNACLE II	7.7	4.3	3.7	3.0	4.0	5.3	4.3	4.3	4.7	4.0	4.0	3.7	4.0	4.1
QUICKSILVER	7.3	4.0	4.0	3.7	4.3	5.0	4.0	4.7	4.0	3.7	4.7	4.0	3.3	4.1
VB99	9.0	3.7	4.0	4.0	4.3	5.0	4.0	3.7	3.7	4.0	4.7	3.7	4.0	4.1
BREA (04-BRE)	7.3	3.3	3.7	3.3	4.0	5.0	4.0	4.0	4.3	4.0	5.0	3.7	3.3	4.0
NEXUS XR (SNR)	8.3	4.0	3.7	4.0	4.0	5.0	4.3	4.0	4.0	4.0	4.3	3.3	3.7	4.0
PINNACLE	4.7	3.3	3.0	3.0	4.3	4.3	3.7	4.7	4.0	5.7	4.7	3.7	3.3	4.0
PRESIDIO (CNV)	8.0	4.0	4.0	4.0	3.7	5.0	4.3	4.0	3.7	4.0	4.7	3.0	3.3	4.0
HAWKEYE 2 (SRX 4692)	7.3	3.7	3.3	3.0	4.0	5.3	4.3	4.3	4.3	4.3	5.0	3.0	3.7	4.0
ASP6001 (RTS)	8.3	3.7	3.3	3.3	3.7	4.3	4.3	4.0	4.3	4.3	5.0	3.0	3.7	3.9
INSPIRE	6.3	3.3	3.0	3.3	4.3	4.7	5.0	4.7	3.7	4.3	4.0	3.0	3.0	3.9
LPR 02203	5.0	3.7	3.7	3.7	5.0	5.0	4.0	4.0	3.3	4.0	4.3	2.7	3.0	3.9
PREMIER	5.0	3.3	2.7	3.3	4.0	4.7	3.7	4.7	4.3	4.7	4.3	3.3	3.3	3.9
AFFINITY	5.3	3.7	3.0	2.3	4.3	4.7	4.0	4.0	3.7	4.7	4.7	3.0	3.0	3.8
ASP6005 (AJM)	9.0	4.0	3.3	2.7	3.3	4.3	4.3	4.7	4.3	4.0	4.3	2.7	3.0	3.8
BARLENNIUM	6.7	3.3	2.7	2.7	3.7	5.0	3.3	4.3	4.0	4.3	5.0	3.0	3.7	3.8
CADDIESHACK II (JR-163)	6.7	3.3	3.0	3.3	4.0	4.3	4.0	4.3	4.0	3.7	4.7	2.7	3.3	3.7
FIREBOLT (PRG HS-01-09)	8.7	4.3	3.3	2.3	3.3	4.0	4.3	4.0	3.3	4.0	4.0	3.3	3.3	3.6
NEXUS XD (SP4)	9.0	4.0	4.0	3.0	3.7	4.3	4.3	3.7	4.0	3.3	4.0	2.3	3.0	3.6
LINN	4.0	3.0	1.7	2.7	3.0	2.7	3.0	3.3	3.0	4.0	4.0	2.7	3.0	3.0
LSD VALUE	1.0	1.0	1.1	1.9	1.8	3.1	1.9	1.6	3.7	2.8	4.1	1.5	1.4	0.9
C.V. (%)	8.8	12.8	15.6	22.2	17.6	18.5	17.3	14.8	22.6	22.0	19.5	20.1	17.0	10.7

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 MEAN IN EACH COLUMN.

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA \*\*/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER		PERCENT LIVING GROUND COVER RATINGS AFTER TRAFFIC							QUALITY RATINGS AFTER TRAFFIC		RED THREAD	
	QUALITY MAY29 (BEFORE TRAFFIC)	PERCENT MAY29	JUL 16	AUG 14	SEP 5	OCT 26	NOV 9	DEC 14	DEC 28	OCT 26	DEC 14	JAN	JUN
UNO (D04-11T)	7.0	99.0	90.0	93.3	96.3	66.7	63.3	53.3	70.0	4.0	3.0	4.3	6.3
DERBY XTREME (IS-PR 268)	6.0	96.0	78.3	83.0	86.0	60.0	56.7	40.0	53.3	4.0	2.7	5.3	7.0
FIESTA 4 (PICK F4)	5.3	84.3	75.0	78.3	80.0	46.7	43.3	28.3	38.3	3.3	1.7	5.0	7.0
HOMERUN (RG3P)	5.7	97.7	88.3	94.0	97.7	63.3	79.7	50.0	63.3	4.3	2.7	4.7	6.0
ZOOM (LCK)	5.7	96.3	85.0	90.0	93.3	63.3	63.3	46.7	56.7	4.7	2.7	4.7	7.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.3	84.7	75.0	85.0	93.0	50.0	46.7	43.3	50.0	3.3	2.7	4.3	6.3
ATTRIBUTE (IS-PR 270)	6.0	96.0	85.0	90.0	96.3	53.3	56.7	43.3	50.0	3.7	2.3	4.0	7.0
EXACTA II GLSR (LTP-611-GLSR)	6.0	94.7	71.7	80.0	88.3	63.3	30.0	46.7	53.3	4.0	3.0	4.3	5.3
APR 1648	5.0	97.7	81.7	89.7	96.0	66.7	56.7	50.0	56.7	4.0	3.0	4.0	6.3
E-99	5.7	96.0	81.7	88.3	93.3	63.3	60.0	50.0	60.0	4.3	3.0	4.3	6.0
PALMER IV	4.7	95.0	66.7	83.3	94.7	63.3	53.3	40.0	50.0	3.7	2.3	4.7	7.3
PRIMARY (IS-PR 269)	5.7	94.3	81.7	83.3	84.7	53.3	53.3	50.0	56.7	3.3	2.7	4.3	6.3
SILVER DOLLAR	5.0	96.0	80.0	89.7	96.0	70.0	50.0	36.7	60.0	4.7	2.3	4.7	5.7
SR 4600 (SRX 4SP)	5.0	94.7	71.7	83.3	91.3	60.0	53.3	33.3	53.3	3.7	2.3	3.7	6.7
1G SQUARED (APR 1664)	4.7	81.3	70.0	81.7	91.3	53.3	56.7	40.0	50.0	3.7	2.3	4.0	6.0
ALLSTAR 3 (IS-PR 274)	5.3	94.7	71.7	85.0	93.0	63.3	66.7	40.0	63.3	4.0	2.0	4.7	7.3
AMAZING GS (IS-PR 276)	5.3	96.0	73.3	85.0	94.7	63.3	63.3	46.7	56.7	4.0	2.7	3.7	6.0
APPLE GL (AAZ-B104)	5.3	99.0	81.7	90.0	96.0	56.7	73.0	50.0	66.7	4.0	2.7	4.3	5.0
TRANSFORMER (D04-1667)	5.3	97.7	83.3	91.3	97.7	63.3	63.3	53.3	66.7	5.0	3.0	3.3	5.7
DCM	5.7	96.3	70.0	83.3	93.3	60.0	56.7	43.3	53.3	3.7	2.0	4.7	5.7
GL-2	5.7	96.3	71.7	83.3	93.3	53.3	53.3	33.3	36.7	3.7	2.0	4.3	5.3
GRAND SLAM 2 (PST-2GSM)	4.0	81.7	65.0	73.3	80.0	50.0	36.7	31.7	35.0	3.3	2.3	5.3	5.0
KEYSTONE 2 (IS-PR 312)	5.3	93.0	81.7	86.7	94.7	53.3	50.0	43.3	46.7	3.7	2.7	3.7	6.3
PALACE (IS-PR 273)	5.3	94.7	85.0	90.0	94.7	60.0	66.7	50.0	60.0	4.3	3.0	4.3	6.7
CITATION FORE	5.3	96.3	76.7	85.0	93.3	56.7	60.0	40.0	53.3	3.7	2.7	5.0	5.7
DART (APR 1663)	5.3	97.7	80.0	86.7	93.0	70.0	79.7	50.0	66.7	5.0	2.7	4.0	5.3
EDGE II (AC2)	5.7	96.0	70.0	81.7	93.3	60.0	50.0	36.7	53.3	3.7	2.3	4.0	5.3
MACH I	5.7	96.0	75.0	86.7	91.7	63.3	53.3	43.3	56.7	4.0	2.7	3.7	5.3
RNS	5.3	91.7	70.0	81.7	95.0	53.3	53.3	36.7	46.7	3.3	2.0	3.3	7.0
BRIGHTSTAR SLT	4.3	93.0	75.0	86.7	95.0	56.7	53.3	30.0	43.3	3.7	2.3	3.3	6.3
D04-LP05	5.3	93.0	70.0	81.7	93.0	56.7	60.0	50.0	56.7	3.7	2.3	4.3	5.3
DEFENDER (D04-UP)	5.7	96.0	76.7	86.7	94.7	63.3	60.0	40.0	56.7	4.0	3.0	4.0	6.0
LINE DRIVE GLS (APR 1797)	5.0	80.0	65.0	78.3	95.0	46.7	50.0	36.7	36.7	3.7	2.3	4.0	6.3
PANTHER GLS	5.7	97.7	81.7	88.3	94.7	56.7	56.7	36.7	50.0	3.7	2.0	4.3	5.0
PARAGON GLR	6.0	96.0	71.7	81.7	94.7	53.3	56.7	43.3	63.3	3.7	2.3	3.7	6.3
PIANIST (DP 17-9505)	5.7	93.0	81.7	90.0	96.3	60.0	46.7	40.0	53.3	3.7	2.7	2.7	5.7
RAD-PR8	5.3	96.3	83.3	90.0	94.7	53.3	56.7	33.3	50.0	3.7	2.3	4.3	6.3
REPELL GLS	6.0	96.3	81.7	88.3	94.7	60.0	53.3	40.0	43.3	4.0	2.3	3.0	5.7
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	97.7	83.3	93.0	96.3	60.0	60.0	46.7	60.0	4.0	2.7	3.0	5.7
CALYPSO 3 (MS2)	4.7	93.0	75.0	86.3	93.0	56.7	50.0	33.3	43.3	4.0	2.3	3.7	5.7
DASHER 3 (PICK RB-1)	6.0	97.7	83.3	90.0	96.3	63.3	63.3	43.3	56.7	3.7	2.3	3.7	6.3
FUSION	4.7	78.3	63.3	71.7	78.3	56.7	40.0	33.3	30.0	3.3	2.3	5.3	5.3
GRAY STAR (PST-2LGL)	4.7	90.0	66.7	80.0	91.7	53.3	43.3	23.3	40.0	3.7	2.0	4.3	5.3
MANHATTAN 5 GLR (PST-2AM)	5.0	95.0	76.7	85.0	93.3	53.3	56.7	33.3	46.7	3.0	2.0	3.7	6.3
MMW	4.3	80.3	63.3	71.7	80.0	46.7	40.0	31.7	38.3	3.0	2.0	4.7	7.0
PENTIUM	5.7	96.0	78.3	86.7	93.3	60.0	53.3	40.0	53.3	3.7	2.3	2.7	6.0
PHENOM (APR 1660)	4.7	93.3	73.3	83.3	93.0	53.3	53.3	40.0	50.0	3.0	2.7	3.3	6.0

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA \*\*/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER		PERCENT LIVING GROUND COVER RATINGS AFTER TRAFFIC								QUALITY RATINGS AFTER TRAFFIC		RED THREAD	
	QUALITY MAY29 (BEFORE TRAFFIC)	MAY29	JUL 16	AUG 14	SEP 5	OCT 26	NOV 9	DEC 14	DEC 28	OCT 26	DEC 14	JAN	JUN	
STELLAR GL (IS-PR 236)	5.0	88.0	65.0	78.3	91.3	43.3	43.3	30.0	33.3	3.0	1.7	4.3	6.3	
TOP GUN II (JR-324)	5.3	84.7	48.3	83.3	90.0	60.0	56.7	40.0	56.7	3.7	2.7	4.3	7.0	
AF	4.7	93.3	63.3	78.3	91.7	56.7	50.0	40.0	60.0	4.0	2.3	3.3	6.7	
CABO II (IS-PR 233)	6.0	88.0	68.3	78.3	88.0	46.7	50.0	33.3	46.7	3.3	1.7	4.3	5.3	
DP 17-9499	5.0	93.0	88.3	90.0	96.3	56.7	56.7	40.0	60.0	3.7	2.7	3.0	6.0	
DP 17-9788	5.0	97.7	73.3	85.0	94.7	60.0	50.0	33.3	46.7	3.7	2.0	4.0	5.7	
DP1	4.7	79.7	58.3	70.0	81.7	43.3	46.7	35.0	45.0	3.0	2.3	4.7	6.3	
REGAL 5 (IS-PR 271)	5.0	85.0	73.3	83.3	91.7	50.0	43.3	30.0	43.3	3.3	2.0	4.0	6.7	
REVENGE GLX (JR-348)	5.0	81.0	61.7	75.0	88.3	50.0	43.3	33.3	40.0	3.3	2.0	3.7	5.7	
BUENA VISTA	4.0	81.7	51.7	66.7	81.7	50.0	43.3	26.7	40.0	3.3	1.7	5.0	5.7	
CUTTER II (PM 101)	4.3	89.7	70.0	80.0	88.3	56.7	63.0	30.0	53.3	3.7	1.7	4.7	6.0	
GALATTI (DP 17-9502)	5.0	94.7	66.7	80.0	91.7	53.3	50.0	33.3	50.0	3.7	2.3	3.3	5.7	
HARRIER (SRX 4UP3)	5.0	80.0	73.3	81.7	91.7	46.7	46.7	30.0	43.3	3.3	2.0	3.7	6.7	
KOKOMO II (IS-PR 235)	5.0	86.3	53.3	65.0	76.7	43.3	46.7	36.7	43.3	3.0	2.0	4.7	6.0	
MONTEREY 3 (JR-408)	3.7	60.0	61.7	75.0	88.3	36.7	33.3	15.0	26.7	2.7	1.7	4.7	6.3	
OVERDRIVE	6.0	96.0	83.3	88.3	94.7	56.7	56.7	43.3	53.3	3.7	2.3	4.3	5.3	
PM 102	4.7	95.0	68.3	83.3	93.0	53.3	50.0	33.3	50.0	3.7	2.0	3.7	5.7	
PST-2LAN	4.7	88.0	68.3	81.7	91.7	43.3	40.0	33.3	38.3	3.3	1.7	4.0	5.3	
SUNSHINE 2	4.0	83.0	58.3	68.3	76.3	50.0	40.0	35.0	45.0	3.3	1.7	4.7	5.3	
TR47	5.0	91.3	76.7	83.3	90.0	60.0	53.3	36.7	53.3	3.7	2.0	3.3	6.0	
RINGER II (04-BEN)	4.7	85.0	60.0	75.0	90.0	43.3	40.0	26.7	36.7	3.3	2.0	3.3	3.3	
ASP6003 (TRS)	4.7	79.7	65.0	76.7	88.3	50.0	46.7	36.7	36.7	3.3	2.0	4.7	5.3	
BAR LP 4420	4.7	93.0	73.3	83.3	91.7	56.7	50.0	33.3	46.7	3.3	2.0	3.3	5.0	
FIJI (GPR)	4.7	79.7	65.0	78.3	90.0	66.7	50.0	36.7	53.3	4.3	2.3	4.3	4.0	
PALMER III	5.0	94.7	73.3	80.0	90.0	60.0	53.3	36.7	50.0	4.0	2.7	3.0	4.7	
PROTEGE GLR	4.7	91.7	68.3	85.0	93.0	50.0	56.7	36.7	50.0	3.3	2.3	4.3	5.7	
PS-2	5.0	96.3	71.7	81.7	91.7	60.0	60.0	33.3	53.3	4.0	2.0	3.0	5.7	
PST-2AG4	3.7	73.0	58.3	68.3	78.3	36.7	40.0	26.7	30.0	2.7	2.3	4.3	5.7	
PST-2BLK	4.3	86.3	71.7	83.0	93.0	56.7	46.7	26.7	33.3	4.0	2.0	4.0	6.0	
GRAY FOX (PST-2MNG)	4.7	96.3	71.7	81.7	96.0	60.0	56.7	36.7	53.3	3.7	2.3	3.0	5.7	
SRX 4682	5.0	95.0	81.7	90.0	93.3	56.7	53.3	30.0	50.0	3.7	2.0	4.3	4.7	
MAJESTY II (VB77)	5.0	63.0	56.7	68.3	81.7	36.7	33.3	25.0	26.7	3.0	2.0	3.7	6.0	
WIND DANCE 2 (PWDR)	5.3	94.7	78.3	86.7	93.3	53.3	50.0	36.7	43.3	3.3	2.0	3.7	6.3	
APR 1670	5.0	96.3	83.3	91.3	97.7	66.7	66.7	53.3	66.7	3.7	2.7	3.7	5.7	
ASP6006 (LPFG)	5.7	96.3	65.0	76.7	65.7	56.7	46.7	33.3	40.0	3.3	2.3	4.0	5.0	
BAR LP 4317	5.3	96.3	81.7	86.7	91.3	63.3	56.7	33.3	43.3	3.7	2.0	3.0	5.0	
BAR LP 4920	4.7	93.0	68.3	80.0	93.3	60.0	50.0	36.7	46.7	4.0	2.0	3.7	4.7	
DELAWARE XL (PICK 01-2)	5.3	95.0	76.7	85.0	93.0	50.0	56.7	33.3	50.0	3.3	2.0	3.7	5.3	
GOALKEEPER II (JR-114)	5.0	96.3	80.0	86.7	93.3	56.7	53.3	40.0	53.3	3.7	2.7	3.3	5.3	
HEADSTART 2	5.7	96.3	80.0	85.0	90.0	53.3	50.0	30.0	40.0	4.0	2.3	3.7	5.0	
WAYFARER (L44)	5.3	79.7	70.0	78.3	84.7	46.7	43.3	28.3	41.7	3.0	1.7	4.0	4.7	
PIZZAZZ	5.7	97.7	73.3	85.0	94.7	53.3	56.7	40.0	50.0	3.3	2.3	4.0	5.7	
PLEASURE SUPREME (PM 103)	5.7	96.3	78.3	86.7	96.3	60.0	56.7	46.7	63.3	4.0	2.7	3.3	5.0	
PREMIER II	4.3	90.0	68.3	80.0	91.7	40.0	43.3	26.7	43.3	3.0	2.0	3.3	5.0	
PST-217	5.3	93.0	70.0	81.7	93.0	60.0	56.7	46.7	56.7	4.0	2.3	3.7	5.0	
ACCENT II (JR-119)	4.7	83.3	48.7	80.0	86.7	50.0	50.0	23.3	43.3	3.3	2.0	3.0	6.0	
ASP6002 (BPR)	4.7	93.0	80.0	86.7	93.3	53.3	53.3	36.7	50.0	4.0	2.3	4.0	5.7	

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA \*\*/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY MAY29 (BEFORE TRAFFIC)	PERCENT COVER MAY29	PERCENT LIVING GROUND COVER					RATINGS AFTER TRAFFIC				QUALITY RATINGS AFTER TRAFFIC		RED THREAD	
			JUL 16	AUG 14	SEP 5	OCT 26	NOV 9	DEC 14	DEC 28	OCT 26	DEC 14	JAN	JUN		
ASP6004 (EXS54)	5.0	96.3	70.0	81.7	88.3	50.0	46.7	30.0	43.3	3.3	2.0	4.0	5.3		
ES45	5.0	91.3	63.3	78.3	90.0	46.7	50.0	30.0	36.7	2.7	2.0	3.3	5.7		
HALO (KN42)	5.0	78.0	61.7	76.7	90.0	53.3	60.0	33.3	43.3	3.7	2.0	3.3	5.0		
LA QUINTA (JR-255)	5.3	93.3	75.0	81.7	88.3	50.0	46.7	33.3	40.0	3.3	2.0	3.0	5.3		
PANTHER	4.3	90.0	75.0	83.3	93.3	60.0	46.7	33.3	40.0	4.0	2.3	2.7	5.7		
PICK 02-R	4.7	88.0	65.0	76.7	90.0	46.7	36.7	23.3	26.7	3.7	2.0	4.0	5.0		
PINNACLE II	5.0	91.3	66.7	80.0	95.0	50.0	43.3	30.0	40.0	3.0	2.0	3.0	5.0		
QUICKSILVER	5.0	93.3	61.7	73.3	91.7	63.3	53.3	33.3	46.7	3.7	2.3	3.3	4.3		
VB99	4.3	78.0	56.7	73.3	86.7	43.3	40.0	30.0	31.7	3.0	2.0	3.0	4.7		
BREA (04-BRE)	4.0	83.3	56.7	68.3	80.0	46.7	33.3	25.0	31.7	3.3	2.0	3.3	4.7		
NEXUS XR (SNR)	4.7	93.0	61.7	78.3	90.0	53.3	53.3	33.3	43.3	3.7	2.0	3.0	5.0		
PINNACLE	5.0	95.0	78.3	86.7	93.3	56.7	46.7	33.3	50.0	3.7	2.3	2.3	5.0		
PRESIDIO (CNV)	5.7	86.3	73.3	83.3	91.7	53.3	56.7	36.7	53.3	3.3	2.0	3.3	5.0		
HAWKEYE 2 (SRX 4692)	5.0	94.7	75.0	83.3	90.0	60.0	53.3	30.0	43.3	3.7	2.3	2.7	5.3		
ASP6001 (RTS)	4.7	91.7	71.7	81.7	88.3	60.0	50.0	26.7	40.0	3.3	2.0	3.3	5.0		
INSPIRE	5.0	95.0	68.3	80.0	88.3	56.7	60.0	43.3	56.7	3.7	2.3	2.3	5.7		
LPR 02203	4.7	94.7	75.0	81.7	90.0	60.0	50.0	36.7	40.0	3.3	2.0	3.0	4.3		
PREMIER	4.3	93.3	66.7	78.3	88.3	53.3	43.3	33.3	50.0	3.3	2.0	2.7	5.0		
AFFINITY	4.3	93.3	70.0	83.3	95.0	53.3	31.7	33.3	50.0	3.3	2.0	2.7	4.7		
ASP6005 (AJM)	4.7	91.7	68.3	80.0	90.0	53.3	46.7	30.0	43.3	3.7	2.7	2.7	5.7		
BARLENNIUM	4.7	95.0	61.7	75.0	90.0	46.7	46.7	33.3	40.0	3.3	2.0	3.0	4.0		
CADDIESHACK II (JR-163)	5.0	93.3	73.3	81.7	88.3	56.7	53.3	33.3	46.7	3.7	2.0	2.3	3.7		
FIREBOLT (PRG HS-01-09)	4.7	90.0	61.7	73.3	86.7	60.0	43.3	26.7	43.3	3.3	2.0	3.3	4.7		
NEXUS XD (SP4)	5.0	95.0	68.3	80.0	90.0	53.3	53.3	30.0	40.0	3.7	2.3	2.7	4.7		
LINN	4.0	91.7	65.0	78.3	93.3	53.3	50.0	33.3	43.3	3.0	2.0	2.0	5.3		
LSD VALUE	6.7	42.5	43.4	35.9	43.0	52.3	41.6	39.4	35.9	2.4	2.2	2.0	2.7		
C.V. (%)	22.1	12.6	18.7	11.8	10.1	21.6	25.9	32.1	28.2	18.8	25.0	24.6	19.2		

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 MEAN IN EACH COLUMN.

\*\*/ TRAFFIC IS APPLIED USING A BRINKMAN TRAFFIC SIMULATOR FITTED WITH FOOTBALL CLEATS. TWELVE PASSES  
 PER WEEK FOR EIGHT WEEKS ARE APPLIED IN SPRING AND FALL, STARTING IN FALL 2005.

TABLE 13.

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

## GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL1	IL2	IN1	KY1	MA1	MI1	MN1	MO1	NE1	NJ1	OR1	PA1	RI1	SD1	UT1	VA1	WA1	WI1	MEAN
WAYFARER (L44)	7.7	6.7	8.7	7.7	8.5	7.7	7.0	7.7	7.3	8.7	5.7	8.0	9.0	8.3	8.0	7.7	7.7	8.3	8.3	7.8
NEXUS XD (SP4)	7.7	6.3	9.0	7.7	8.0	7.7	7.0	7.7	8.0	9.0	5.7	7.7	9.0	8.0	7.3	7.0	8.0	8.3	8.7	7.8
TR47	7.7	6.7	7.7	8.3	8.0	8.0	6.3	7.0	8.0	8.7	6.7	8.0	9.0	8.0	8.0	7.0	8.0	8.3	8.3	7.8
VB99	7.3	7.0	7.3	7.3	8.0	8.0	6.7	7.0	8.7	8.7	5.7	8.3	9.0	7.7	7.7	7.7	8.0	8.3	9.0	7.8
CABO II (IS-PR 233)	7.7	6.3	7.0	8.0	7.7	7.7	5.7	8.3	7.7	8.7	7.7	7.7	9.0	6.7	7.3	8.0	7.7	9.0	8.3	7.7
ASP6006 (LPFG)	8.0	6.3	7.7	7.7	7.3	7.3	6.3	7.0	8.0	9.0	6.7	8.0	8.7	7.3	7.3	7.7	8.0	8.7	8.3	7.6
PICK 02-R	7.7	5.7	8.7	7.0	8.0	7.7	7.0	7.0	8.3	8.7	4.7	8.0	9.0	6.7	8.5	8.0	8.0	8.3	8.3	7.6
PM 102	7.7	6.0	7.0	7.3	8.0	7.7	7.0	8.0	8.3	8.7	5.3	7.7	9.0	7.7	7.5	7.3	8.0	9.0	8.0	7.6
ES45	7.3	6.3	7.3	8.0	8.0	7.3	6.3	7.7	7.7	8.3	6.7	7.7	9.0	8.3	7.5	7.0	8.0	8.3	8.0	7.6
REGAL 5 (IS-PR 271)	7.0	7.0	7.0	8.0	8.3	7.3	6.3	8.5	7.0	8.3	7.3	8.0	8.7	7.0	7.3	7.7	7.7	8.3	8.0	7.6
NEXUS XR (SNR)	7.7	6.3	7.3	7.3	8.0	7.7	7.0	7.7	7.7	8.7	6.0	8.0	9.0	7.3	6.5	8.0	8.0	8.3	8.0	7.6
HALO (KN42)	7.0	6.0	7.7	7.3	8.0	7.7	6.7	7.7	7.7	9.0	5.3	8.0	8.3	8.0	7.0	7.3	8.0	8.7	9.0	7.6
STELLAR GL (IS-PR 236)	6.7	6.7	7.0	7.7	8.0	7.7	6.3	8.0	7.7	8.7	7.7	7.7	8.7	6.3	7.0	8.0	7.7	8.0	7.7	7.5
WIND DANCE 2 (PWDR)	7.7	6.0	7.0	7.0	8.0	7.3	7.0	7.7	8.3	9.0	5.7	7.7	8.3	7.7	7.0	7.3	8.0	8.0	8.3	7.5
ASP6005 (AJM)	7.7	6.0	6.7	7.7	8.3	7.3	6.3	7.7	7.0	9.0	6.0	8.0	9.0	7.3	7.5	7.0	8.0	8.3	8.0	7.5
PALACE (IS-PR 273)	7.0	6.3	7.0	7.7	8.3	7.0	6.0	6.7	8.3	8.7	7.3	8.0	8.7	7.0	7.0	7.7	8.0	8.0	8.0	7.5
APR 1648	8.3	6.3	7.3	7.3	7.7	7.7	6.7	7.3	8.0	8.7	7.0	7.3	9.0	5.3	7.3	7.3	7.3	8.3	7.7	7.5
FIESTA 4 (PICK F4)	7.3	6.7	7.0	7.0	8.3	6.7	6.3	7.3	8.0	8.3	6.7	8.0	9.0	6.0	7.0	8.0	7.7	8.3	7.7	7.4
FIJI (GPR)	7.3	6.3	7.3	7.0	8.0	7.3	6.7	7.0	7.7	8.3	6.3	7.7	9.0	7.7	7.0	7.0	8.0	8.0	7.7	7.4
FIREBOLT (PRG HS-01-09)	7.3	5.7	7.3	7.3	8.0	7.0	6.7	7.3	9.0	8.0	5.7	7.3	8.7	8.0	7.0	7.0	8.0	8.3	7.7	7.4
ASP6004 (EXS54)	7.3	6.3	7.3	7.0	8.0	7.3	6.3	7.3	7.7	8.3	7.0	7.7	8.7	7.3	7.0	7.0	7.7	8.3	7.0	7.4
ASP6003 (TRS)	7.3	6.3	7.7	7.3	7.0	7.7	7.0	6.7	8.0	8.3	5.3	8.0	8.7	7.7	7.0	7.0	7.3	8.0	8.0	7.4
ASP6001 (RTS)	8.0	7.0	6.7	7.3	7.7	8.0	6.7	7.0	7.0	9.0	5.3	7.7	8.3	7.0	7.0	6.3	8.0	8.0	8.0	7.4
ASP6002 (BPR)	7.3	6.3	6.3	7.0	7.5	7.3	7.0	6.7	8.0	8.3	5.3	7.7	8.7	7.0	7.0	7.3	8.0	8.7	8.0	7.3
MAJESTY II (VB77)	7.0	6.3	7.3	7.7	8.0	7.0	6.7	6.3	8.0	8.3	5.0	7.3	8.0	8.3	7.0	7.3	7.7	8.3	7.7	7.3
AMAZING GS (IS-PR 276)	7.0	6.7	6.0	7.7	8.3	6.7	5.3	7.3	7.7	8.7	7.0	7.3	8.7	6.7	7.0	8.0	7.7	8.3	7.0	7.3
CUTTER II (PM 101)	7.0	6.3	7.3	7.3	8.0	7.0	7.0	6.3	7.7	8.3	6.0	7.0	8.7	6.7	7.0	7.3	7.7	8.3	8.0	7.3
KOKOMO II (IS-PR 235)	6.7	6.7	6.0	8.0	7.7	7.3	6.3	7.3	6.3	9.0	8.0	8.0	8.7	6.0	7.0	7.0	8.0	8.3	6.7	7.3
PALMER IV	6.7	6.7	7.3	7.0	8.0	6.7	6.0	7.0	7.7	8.7	8.0	7.7	8.7	5.3	7.3	8.3	7.0	8.0	7.0	7.3
UNO (D04-11T)	7.0	7.0	6.3	6.7	8.0	7.7	6.7	7.5	7.3	8.0	6.7	8.0	8.7	5.3	7.3	7.0	7.3	8.3	8.0	7.3
ALLSTAR 3 (IS-PR 274)	7.0	6.3	6.7	7.3	8.0	7.0	6.0	6.7	7.0	8.7	8.0	8.0	8.3	5.3	7.5	7.3	8.0	8.0	7.7	7.3
FUSION	7.3	6.3	6.0	6.7	7.7	8.0	5.7	7.0	7.3	8.7	7.3	8.0	8.7	6.7	7.0	6.7	7.3	8.3	8.0	7.3
PROTEGE GLR	6.7	6.3	7.0	7.3	8.3	7.3	6.0	6.0	7.3	7.0	8.7	7.7	8.3	7.0	7.0	6.7	7.7	7.3	8.3	7.3
DELAWARE XL (PICK 01-2)	6.7	6.3	6.7	6.7	8.0	7.0	6.7	7.7	7.7	8.3	5.7	7.3	9.0	6.3	8.0	6.7	8.0	8.3	7.0	7.3
PRESIDIO (CNV)	6.0	6.3	6.7	7.7	7.7	7.3	6.7	6.3	7.7	8.7	6.0	7.3	8.3	7.3	6.7	6.7	8.0	8.7	7.7	7.2
SUNSHINE 2	7.0	6.3	6.0	6.0	8.0	7.0	7.0	6.3	8.3	8.7	4.7	8.0	8.3	6.7	7.7	7.0	8.0	8.0	8.0	7.2
CALYPSO 3 (MS2)	7.0	6.7	7.0	8.0	8.3	7.0	6.3	7.0	7.7	8.3	5.3	7.3	8.3	5.7	7.3	6.7	8.0	8.0	7.3	7.2
DERBY XTREME (IS-PR 268)	7.3	6.3	6.7	7.3	8.0	7.0	5.7	7.0	7.3	8.7	7.3	7.7	8.3	5.7	7.0	7.3	7.7	7.7	7.0	7.2
LA QUINTA (JR-255)	7.3	6.3	7.0	7.0	8.0	7.0	5.7	6.7	7.0	8.3	4.7	7.7	8.3	7.7	7.5	7.3	8.0	8.0	7.3	7.2
DP1	6.7	6.3	7.0	7.7	8.3	7.7	6.0	6.3	7.0	8.0	6.3	7.3	8.3	6.0	7.0	7.3	7.7	8.0	7.7	7.2
EXACTA II GLSR (LTP-611-GLSR)	6.7	6.0	6.7	8.0	8.7	7.3	5.7	6.7	7.0	8.0	8.0	7.0	8.0	6.3	7.0	7.0	7.7	7.3	7.7	7.2
DASHER 3 (PICK RB-1)	6.3	6.0	7.3	8.3	8.0	6.0	5.7	6.3	7.7	8.0	7.7	7.3	8.3	6.0	7.0	7.7	7.7	7.7	6.7	7.1
EDGE II (AC2)	6.7	6.3	6.7	7.7	8.0	7.7	6.0	6.7	7.3	8.7	5.3	7.3	8.0	6.3	7.5	7.0	8.0	8.0	6.3	7.1
REVENGE GLX (JR-348)	6.7	6.7	6.0	8.0	8.0	7.3	6.0	7.3	7.0	8.0	6.0	7.0	8.0	6.7	7.0	7.3	8.0	8.0	6.3	7.1
ATTRIBUTE (IS-PR 270)	6.7	6.3	6.3	7.3	8.3	7.7	5.7	7.3	6.3	8.3	6.3	8.0	8.3	5.3	.	7.0	7.3	8.0	7.0	7.1



TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

## GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL1	IL2	IN1	KY1	MA1	MI1	MN1	MO1	NE1	NJ1	OR1	PA1	RI1	SD1	UT1	VA1	WA1	WI1	MEAN
APPLE GL (AAZ-B104)	7.0	6.3	7.0	7.0	7.7	7.0	5.0	7.0	7.7	8.0	7.7	7.7	7.7	5.0	7.0	7.0	7.3	8.0	7.7	7.1
SR 4600 (SRX 4SP)	7.3	6.0	6.7	7.0	8.3	7.0	5.3	6.7	7.7	8.3	6.3	7.7	7.7	5.7	7.0	7.0	7.0	8.0	7.0	7.0
HEADSTART 2	7.3	6.3	6.7	6.7	8.0	7.3	6.0	5.7	8.0	8.3	5.0	7.3	8.3	6.7	7.0	7.0	7.7	7.3	7.0	7.0
MMW	6.3	6.7	6.0	7.7	8.3	6.7	5.3	7.0	6.7	8.0	7.3	7.0	8.3	6.0	7.0	7.0	7.7	7.7	7.0	7.0
PLEASURE SUPREME (PM 103)	6.3	5.7	6.7	7.3	7.3	6.7	6.0	6.3	7.3	8.3	6.0	7.3	8.7	6.0	7.3	6.7	7.3	8.3	7.7	7.0
QUICKSILVER	7.0	5.7	6.0	6.7	6.7	7.7	6.0	7.0	7.3	8.3	6.3	7.0	9.0	6.7	7.3	6.0	7.3	8.0	7.3	7.0
PST-2AG4	6.7	6.3	6.0	7.0	8.0	7.3	6.0	6.3	7.3	8.3	6.7	7.3	8.0	6.0	7.0	6.3	7.7	7.7	7.0	7.0
PARAGON GLR	6.3	6.7	6.3	7.3	8.3	6.7	4.7	5.5	7.3	7.7	6.7	8.0	7.7	6.3	7.0	7.0	7.7	7.7	8.0	7.0
RNS	7.0	6.0	6.0	7.3	8.0	6.7	6.0	7.0	8.0	8.3	6.0	7.3	8.0	5.0	7.0	6.7	7.7	7.3	7.0	7.0
HOMERUN (RG3P)	7.0	6.3	6.3	7.3	8.3	6.7	5.7	5.7	7.3	7.7	6.0	8.0	8.0	5.7	6.5	6.3	7.3	8.0	7.0	6.9
DP 17-9499	6.7	6.7	5.0	7.3	8.0	6.0	6.7	5.0	6.7	8.3	5.0	7.7	8.3	5.7	6.7	7.0	8.0	8.7	7.7	6.9
BUENA VISTA	7.0	6.0	6.3	7.7	7.7	7.3	4.7	6.3	7.3	7.7	5.7	7.7	8.0	5.7	7.3	6.7	7.0	7.7	7.0	6.9
ZOOM (LCK)	6.7	7.0	6.3	7.3	8.0	6.7	6.0	5.3	7.3	7.3	6.7	7.3	7.7	6.0	7.0	6.7	7.3	8.0	5.7	6.9
SILVER DOLLAR	6.3	6.0	5.7	7.7	8.0	7.3	5.3	5.0	7.3	8.3	6.0	7.3	8.7	5.7	7.0	6.7	7.3	8.0	6.0	6.8
PRIMARY (IS-PR 269)	6.0	6.3	6.3	7.3	8.0	7.0	5.3	5.3	7.7	7.3	6.7	7.3	7.3	5.3	7.0	6.7	7.3	8.0	7.0	6.8
MACH I	7.0	6.3	6.0	7.0	7.3	7.0	5.3	6.3	6.7	8.7	5.0	7.7	7.7	5.3	6.5	6.3	7.7	8.0	7.0	6.8
PST-2BLK	6.0	6.3	5.0	6.3	8.7	7.0	6.0	6.5	6.7	7.7	4.3	8.0	8.3	7.3	7.0	6.7	7.0	7.7	6.3	6.8
GL-2	6.3	6.3	5.7	7.7	7.7	7.0	4.7	6.0	7.3	8.0	6.7	7.0	8.0	4.7	7.0	6.7	7.7	7.7	6.3	6.8
HAWKEYE 2 (SRX 4692)	6.7	6.3	6.0	7.3	7.7	7.0	5.3	6.0	7.0	7.3	5.3	7.7	8.3	6.3	7.0	6.7	7.0	7.7	5.7	6.8
BAR LP 4420	6.7	6.3	6.0	7.0	7.7	6.7	5.7	5.0	8.0	8.7	5.0	7.3	8.7	5.7	6.5	7.0	7.0	7.3	6.0	6.7
DEFENDER (D04-UP)	6.0	6.0	6.7	7.0	7.3	6.3	4.7	6.3	7.3	8.3	6.3	7.0	7.7	5.7	6.7	6.7	7.0	7.7	7.3	6.7
GRAY STAR (PST-2LGL)	6.3	6.0	5.7	7.3	7.3	6.7	6.3	5.7	7.3	7.7	5.3	7.0	8.0	5.3	7.0	6.7	7.0	8.3	7.0	6.7
1G SQUARED (APR 1664)	6.7	6.3	6.0	5.3	7.7	6.3	5.3	6.0	6.7	8.0	6.3	7.3	8.3	5.0	7.0	6.7	7.7	8.0	7.0	6.7
TOP GUN II (JR-324)	6.7	6.0	6.7	6.7	7.7	6.7	6.0	5.7	6.7	8.3	4.3	7.0	7.7	6.3	7.0	6.3	7.7	7.7	6.7	6.7
D04-LP05	6.3	6.0	6.0	8.0	8.0	7.3	5.3	5.7	6.0	7.7	4.7	7.0	8.0	5.7	6.5	6.7	7.0	8.3	6.7	6.7
AF	6.7	6.0	5.7	7.7	8.0	6.0	4.7	6.0	7.3	7.0	6.0	7.0	8.3	5.3	7.0	6.0	7.0	7.3	7.0	6.6
HARRIER (SRX 4UP3)	6.0	6.3	6.7	7.3	7.7	6.0	5.3	6.3	7.3	7.3	5.7	7.3	7.0	5.3	6.7	6.7	7.0	7.0	6.3	6.6
OVERDRIVE	6.3	6.3	5.0	7.0	7.3	6.3	5.3	6.0	6.7	7.7	4.7	7.7	7.3	5.3	6.7	7.3	7.0	8.0	6.7	6.6
PINNACLE II	7.3	5.3	6.0	7.0	7.3	5.7	5.3	6.0	7.0	7.7	5.3	7.3	7.7	5.3	7.0	5.3	7.7	7.3	7.0	6.6
REPELL GLS	6.3	6.0	5.3	7.3	8.3	6.3	5.3	6.0	7.3	8.3	4.3	7.0	7.7	5.3	6.5	6.3	7.0	7.0	6.3	6.5
DCM	6.3	6.3	5.0	7.3	7.7	6.3	5.3	4.5	7.0	7.3	6.0	7.3	7.7	4.7	6.3	6.7	7.3	7.7	7.0	6.5
PHENOM (APR 1660)	6.3	6.3	6.0	7.0	7.7	6.3	4.7	6.7	6.3	7.7	4.3	7.0	7.0	5.7	6.7	6.3	7.7	7.3	6.7	6.5
DART (APR 1663)	6.7	6.0	5.0	7.0	7.3	6.7	5.3	5.7	7.7	8.0	5.3	7.0	7.7	4.7	6.3	6.0	6.7	7.3	7.0	6.5
GRAY FOX (PST-2MNG)	5.7	6.3	5.0	7.3	8.0	6.7	4.7	5.7	7.0	7.3	5.7	7.0	7.7	6.3	6.5	6.0	7.0	7.3	6.0	6.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	6.0	5.7	7.0	8.0	6.7	3.7	5.0	7.0	8.0	5.7	7.0	7.7	5.3	7.0	6.0	7.0	7.0	7.3	6.5
PST-217	6.0	6.7	5.0	6.3	8.0	6.7	4.0	5.0	7.3	8.0	5.0	7.0	7.7	6.7	6.3	6.0	7.0	7.3	7.0	6.5
TRANSFORMER (D04-1667)	6.0	6.3	5.3	7.0	7.7	6.3	4.7	5.0	7.7	7.0	5.0	7.3	8.0	5.0	7.0	7.0	6.3	8.0	6.3	6.5
MONTEREY 3 (JR-408)	6.3	5.7	5.3	7.0	7.3	7.0	6.7	4.0	7.0	7.7	3.0	7.0	7.0	6.3	6.5	6.7	8.0	7.7	6.7	6.5
PIZZAZZ	5.3	4.7	6.3	8.0	7.5	6.0	5.3	6.0	6.3	7.0	5.7	7.0	7.7	5.3	6.5	6.7	7.0	7.7	6.7	6.5
KEYSTONE 2 (IS-PR 312)	6.3	6.3	5.3	7.7	7.0	6.7	5.3	4.3	6.7	7.3	5.7	7.0	7.3	5.7	6.3	6.7	7.3	7.7	6.0	6.5
PS-2	6.3	6.0	5.7	7.3	8.0	6.0	5.7	6.0	6.7	7.3	3.7	7.0	7.7	5.0	6.0	6.7	7.0	8.3	6.3	6.5
PANTHER GLS	5.7	6.7	5.7	6.7	7.7	6.3	5.3	5.0	7.0	7.7	5.0	7.3	8.0	4.7	6.3	6.3	7.0	7.7	6.3	6.4
BREA (04-BRE)	6.0	6.0	5.7	7.3	7.7	7.3	4.0	4.7	7.3	7.0	5.3	7.0	7.0	5.3	6.5	6.7	7.0	7.7	6.3	6.4
LINE DRIVE GLS (APR 1797)	6.0	6.0	5.0	7.7	7.7	6.0	5.7	5.7	7.3	8.3	4.7	7.3	7.0	4.7	6.3	6.0	6.7	7.7	6.0	6.4
GRAND SLAM 2 (PST-2GSM)	6.0	6.7	5.0	6.7	7.3	6.0	5.3	4.7	6.7	7.7	5.3	7.3	7.3	5.3	6.0	6.7	7.0	8.0	6.3	6.4
GALATTI (DP 17-9502)	6.3	6.0	4.7	7.0	7.7	6.0	6.0	4.3	7.3	7.0	5.0	7.3	6.7	4.7	6.7	6.7	7.0	8.0	6.7	6.4

TABLE 13. (CONT'D)

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL1	IL2	IN1	KY1	MA1	MI1	MN1	MO1	NE1	NJ1	OR1	PA1	RI1	SD1	UT1	VA1	WA1	WI1	MEAN
GOALKEEPER II (JR-114)	6.3	6.3	4.3	6.0	8.0	6.3	5.3	4.7	6.7	7.0	3.0	7.3	6.7	7.0	7.0	5.7	7.0	7.3	7.7	6.3
SECRETARIAT II GLSR (LTP-101-GLSR)	6.7	6.0	4.3	7.3	8.0	5.7	5.3	4.3	7.0	7.3	4.3	7.3	7.3	5.7	6.3	6.0	7.0	7.3	6.3	6.3
PIANIST (DP 17-9505)	5.3	5.3	3.7	7.7	8.0	6.3	6.0	4.0	6.0	7.7	4.7	7.0	7.3	4.7	.	7.0	7.3	8.0	7.3	6.3
RAD-PR8	6.3	5.3	4.7	8.0	7.3	6.0	6.0	5.0	6.3	7.7	4.0	7.3	7.0	5.0	6.3	6.0	6.7	7.7	6.0	6.2
MANHATTAN 5 GLR (PST-2AM)	6.3	6.7	4.7	7.0	7.0	5.7	5.0	6.3	6.3	7.3	5.0	7.3	7.0	4.7	6.0	6.0	6.3	7.3	6.0	6.2
E-99	5.7	5.3	5.0	6.7	6.7	6.3	5.3	4.7	6.0	8.0	5.0	7.3	7.3	5.7	6.3	6.0	7.0	7.7	5.7	6.2
INSPIRE	6.0	5.3	4.7	7.7	7.3	6.3	5.0	4.3	6.3	7.0	3.7	7.0	7.3	5.0	6.7	6.7	7.0	7.0	6.3	6.1
ACCENT II (JR-119)	6.3	5.0	5.7	6.7	7.7	6.0	5.3	4.7	6.7	7.0	3.3	7.0	6.7	6.0	6.0	6.0	7.0	7.3	6.3	6.1
CADDIESHACK II (JR-163)	7.0	6.0	4.3	6.7	7.7	5.7	5.3	3.3	6.0	6.7	3.7	7.3	7.0	6.0	6.3	6.3	7.3	7.3	6.7	6.1
CITATION FORE	5.3	6.0	4.0	7.3	8.0	6.3	4.7	5.0	7.0	7.7	4.0	6.7	7.3	5.3	6.7	6.0	7.0	7.3	5.0	6.1
RINGER II (04-BEN)	5.7	6.0	4.7	7.3	7.5	6.7	4.0	4.3	6.7	7.7	3.7	7.3	6.7	4.7	7.0	6.7	6.7	6.7	6.7	6.1
APR 1670	5.3	5.3	3.7	7.0	7.3	6.0	4.7	5.0	6.7	7.7	5.0	7.3	6.7	5.0	7.3	5.7	6.0	7.0	6.3	6.1
BAR LP 4920	6.0	4.0	4.7	6.3	7.0	5.7	5.3	4.0	6.7	8.3	3.7	6.7	7.7	4.7	6.5	6.3	6.7	7.7	6.7	6.0
BRIGHTSTAR SLT	5.0	6.0	4.0	7.3	7.0	6.0	4.7	4.3	7.0	8.0	4.0	7.0	6.0	5.3	6.3	6.0	6.7	7.0	4.3	5.9
PST-2LAN	5.7	5.7	4.0	7.0	7.3	5.3	4.0	5.0	6.0	7.7	4.7	7.0	6.0	5.0	6.0	6.3	6.3	7.0	5.7	5.9
PREMIER II	5.7	5.0	4.3	7.3	6.5	5.0	4.0	4.0	7.0	7.0	3.7	7.0	6.3	4.7	6.0	5.7	6.3	6.3	6.3	5.7
PENTIUM	5.3	5.0	3.3	6.7	7.0	5.3	3.7	4.0	6.0	7.3	3.3	6.7	6.7	5.0	6.3	5.7	6.7	7.0	6.0	5.6
PALMER III	5.3	5.7	4.0	6.3	7.3	5.7	4.7	3.3	6.7	6.0	3.7	7.3	6.7	4.3	6.0	5.0	6.0	7.0	5.7	5.6
SRX 4682	4.3	4.7	4.3	7.3	8.0	5.7	3.7	4.0	6.3	6.0	3.3	7.0	6.3	4.7	6.0	6.3	7.0	6.7	4.7	5.6
BAR LP 4317	5.3	5.7	3.3	7.0	7.0	5.0	3.3	4.7	5.3	7.3	3.3	6.7	6.3	4.3	6.0	5.7	7.0	7.3	5.3	5.6
BARLENNIUM	6.0	5.0	4.0	6.3	7.5	6.0	3.0	4.0	6.0	6.3	3.3	7.0	6.3	4.3	6.0	5.7	7.0	6.7	5.0	5.6
DP 17-9788	5.7	5.3	3.7	7.0	7.3	5.0	3.7	4.0	6.0	7.0	2.3	7.0	6.3	5.0	7.0	5.3	6.0	5.7	6.0	5.5
PANTHER	3.7	3.7	3.7	5.7	7.5	5.3	4.3	3.0	5.7	5.3	2.0	6.3	4.7	4.0	5.5	4.7	6.0	5.3	5.3	4.8
LPR 02203	3.0	3.7	1.3	5.7	.	4.3	3.3	2.7	5.0	5.3	1.3	6.0	4.7	3.7	5.0	5.0	6.3	5.0	4.3	4.2
AFFINITY	2.7	3.0	2.0	6.0	6.3	4.0	3.3	2.3	5.0	5.0	1.7	6.0	4.3	3.3	4.7	4.7	5.7	4.7	4.0	4.1
PREMIER	3.0	3.0	1.3	4.7	6.3	3.7	2.7	2.3	4.7	4.7	2.0	5.7	4.7	3.7	4.0	4.7	5.0	4.3	4.0	3.9
PINNACLE	2.0	3.0	1.7	5.0	6.3	4.0	3.0	2.0	4.3	4.7	1.7	6.0	4.3	3.3	4.3	4.0	4.7	4.7	5.0	3.9
LINN	1.0	2.0	1.0	4.0	5.0	3.0	2.0	1.0	4.0	3.0	1.0	5.7	4.0	2.0	3.0	3.0	5.0	4.0	4.0	3.0
LSD VALUE	1.2	0.9	1.0	1.3	0.9	1.0	1.5	1.5	1.2	1.2	1.9	0.7	1.0	1.3	1.0	1.3	0.7	0.9	1.5	0.3
C.V. (%)	11.8	9.7	11.2	11.6	6.9	9.2	17.4	15.3	10.9	9.4	22.2	6.3	8.0	13.4	8.2	11.8	6.3	7.7	13.9	11.2

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 MEAN IN EACH COLUMN.

TABLE 14.

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
 2007 DATA

## SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IL2	IN1	MA1	MI1	NE1	NJ1	NY1	OK1	RI1	UT1	VA1	WA1	WI1	MEAN
SR 4600 (SRX 4SP)	5.0	6.3	4.3	4.7	3.7	8.0	5.0	4.7	5.7	4.7	7.7	6.0	4.7	5.4
APPLE GL (AAZ-B104)	4.0	6.3	4.7	6.0	4.0	6.7	5.0	4.7	5.0	4.7	7.7	5.0	6.0	5.4
EXACTA II GLSR (LTP-611-GLSR)	4.0	6.7	4.7	4.3	5.7	7.0	4.3	5.0	4.7	4.7	7.7	5.0	5.7	5.3
SILVER DOLLAR	5.0	7.3	4.7	4.0	4.3	7.0	5.0	5.0	5.0	5.7	7.0	4.7	4.7	5.3
FIESTA 4 (PICK F4)	4.0	7.0	5.0	6.0	3.0	6.3	4.7	4.7	5.3	5.3	7.7	5.3	4.7	5.3
HOMERUN (RG3P)	3.3	6.3	4.3	6.0	4.7	6.3	5.3	4.7	4.3	5.3	8.0	5.0	5.0	5.3
PALMER IV	3.7	6.3	3.7	5.3	5.7	6.0	4.7	5.0	5.0	5.3	8.0	4.7	5.0	5.3
REVENGE GLX (JR-348)	4.3	7.0	4.7	6.0	2.7	7.0	4.3	4.7	4.3	5.3	8.0	5.0	5.0	5.3
1G SQUARED (APR 1664)	3.7	6.0	4.3	5.3	3.7	7.0	4.7	4.0	5.3	6.0	7.3	5.3	5.0	5.2
MMW	3.0	6.3	4.3	5.3	4.7	6.0	4.3	4.3	5.0	5.3	7.7	5.0	6.3	5.2
APR 1648	4.7	6.3	5.0	4.0	3.7	6.3	5.0	4.7	4.7	5.3	7.0	6.0	5.0	5.2
ASP6006 (LPGF)	2.7	5.7	4.3	6.0	4.7	5.7	5.0	4.7	5.0	5.0	8.0	5.0	6.0	5.2
AF	4.3	6.3	4.7	6.0	4.7	6.3	4.3	4.3	5.7	4.0	7.0	5.0	4.7	5.2
CABO II (IS-PR 233)	3.7	5.7	5.0	6.0	4.3	5.0	5.0	4.7	4.7	5.3	7.7	4.0	6.3	5.2
PIZZAZZ	3.7	6.0	4.3	5.3	5.3	6.0	4.7	4.7	5.0	4.7	7.3	6.0	4.3	5.2
ASP6003 (TRS)	4.3	6.0	4.7	6.0	3.7	6.3	5.0	5.0	4.7	4.3	7.7	4.0	5.3	5.2
ATTRIBUTE (IS-PR 270)	3.3	6.3	5.0	5.3	4.0	6.0	5.0	4.3	4.7	5.0	7.7	4.7	5.7	5.2
MACH I	3.0	5.7	4.7	5.3	5.0	6.0	5.3	4.0	4.7	4.3	8.0	4.7	6.3	5.2
PANTHER GLS	4.0	6.3	3.7	5.3	4.7	6.7	5.3	4.0	5.3	4.7	7.0	5.3	4.7	5.2
PROTEGE GLR	3.0	6.7	4.7	5.3	3.7	5.0	5.0	4.7	4.7	5.0	8.0	5.7	5.7	5.2
MAJESTY II (VB77)	4.0	6.3	3.7	6.0	4.7	6.0	5.0	5.3	5.3	5.0	8.0	3.3	4.0	5.1
ALLSTAR 3 (IS-PR 274)	3.0	6.7	4.7	5.3	4.7	7.0	4.7	4.7	5.0	4.7	8.0	3.7	4.7	5.1
PARAGON GLR	4.0	5.3	4.0	4.7	4.3	7.0	4.0	5.0	5.0	5.3	7.7	5.0	5.3	5.1
PLEASURE SUPREME (PM 103)	4.3	5.7	4.3	6.0	4.7	6.3	5.0	4.7	4.0	5.0	8.0	4.3	4.3	5.1
AMAZING GS (IS-PR 276)	2.3	6.3	4.7	5.3	4.3	6.7	4.3	5.0	4.7	5.7	7.7	4.0	5.3	5.1
GL-2	3.3	6.7	5.0	5.3	3.3	7.0	5.0	4.0	4.0	5.0	7.7	5.3	4.7	5.1
E-99	6.0	6.3	4.0	4.7	4.0	5.3	4.7	4.3	5.0	4.7	6.7	5.7	4.7	5.1
KOKOMO II (IS-PR 235)	3.7	6.7	4.3	6.0	5.0	6.3	4.3	4.3	4.7	4.7	7.7	4.3	4.0	5.1
DP1	4.0	6.3	4.7	4.0	4.7	6.7	4.0	5.0	4.3	4.7	8.0	4.7	4.7	5.1
PINNACLE II	4.0	6.3	4.7	5.3	4.7	7.3	4.3	4.0	5.0	4.0	7.3	4.0	4.7	5.1
UNO (D04-11T)	4.0	5.7	4.7	6.0	3.7	5.3	5.0	5.0	4.3	4.3	8.0	5.3	4.3	5.1
BAR LP 4920	3.0	6.3	4.7	4.7	5.0	5.3	4.3	4.7	5.3	4.7	7.7	5.7	4.3	5.1
HAWKEYE 2 (SRX 4692)	5.0	6.3	4.3	5.3	3.3	6.7	4.0	4.0	5.0	4.7	6.7	5.0	5.0	5.0
PHENOM (APR 1660)	4.3	5.7	5.0	4.0	4.0	6.3	4.3	4.0	5.0	5.0	7.7	4.7	5.3	5.0
STELLAR GL (IS-PR 236)	3.0	5.7	5.0	6.0	4.3	5.0	4.0	5.3	4.0	5.7	8.0	3.7	5.7	5.0
DART (APR 1663)	3.0	6.3	4.7	4.7	4.0	7.0	4.7	4.3	5.0	4.3	7.0	5.7	4.3	5.0
DASHER 3 (PICK RB-1)	3.7	5.3	4.3	6.0	4.3	7.0	4.3	4.7	4.0	5.7	8.0	3.3	4.3	5.0
DERBY XTREME (IS-PR 268)	4.0	6.0	4.3	4.7	4.7	6.0	5.0	4.3	4.7	4.3	7.7	3.7	5.7	5.0
DEFENDER (D04-UP)	3.3	6.3	4.3	6.0	3.3	6.3	4.7	4.3	4.7	4.7	7.7	5.7	3.7	5.0
PINNACLE	4.7	5.0	4.0	3.0	4.0	7.7	4.0	3.0	7.0	5.0	5.3	6.3	5.7	5.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	6.3	4.7	3.7	3.3	6.3	5.0	4.0	5.0	4.0	7.3	5.7	4.3	5.0
RNS	2.0	5.7	3.7	5.3	4.7	5.7	4.7	4.0	5.0	5.7	7.7	4.7	6.0	5.0
DP 17-9499	3.3	6.3	4.3	4.7	4.7	6.0	4.3	4.3	4.7	4.0	7.7	5.3	4.7	4.9
NEXUS XR (SNR)	3.3	5.3	4.7	5.3	3.7	5.3	4.7	5.0	4.3	5.7	7.7	4.0	5.3	4.9
DCM	4.7	5.7	4.7	5.3	4.7	5.7	4.3	4.3	5.0	4.3	7.3	3.3	4.7	4.9

TABLE 14. (CONT'D)

SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IL2	IN1	MA1	MI1	NE1	NJ1	NY1	OK1	RI1	UT1	VA1	WA1	WI1	MEAN
GALATTI (DP 17-9502)	3.7	6.0	4.0	4.7	3.7	6.0	5.3	4.0	5.7	4.3	7.0	5.0	4.7	4.9
PALACE (IS-PR 273)	4.0	6.3	4.3	5.3	3.7	6.0	4.3	4.3	5.0	4.3	7.7	4.0	4.7	4.9
PRESIDIO (CNV)	3.0	6.0	3.7	6.0	3.3	5.7	4.3	5.0	5.0	4.0	8.0	4.0	6.0	4.9
REPELL GLS	3.0	6.7	4.0	5.3	4.0	6.3	4.7	4.0	4.7	4.7	7.3	4.3	5.0	4.9
CUTTER II (PM 101)	3.0	7.0	4.3	6.0	3.3	4.7	5.0	4.3	4.3	5.0	7.7	4.7	4.7	4.9
GRAY FOX (PST-2MNG)	3.0	5.7	4.7	4.7	4.3	6.7	4.7	4.0	4.3	4.3	7.0	5.3	5.0	4.9
APR 1670	2.7	6.3	4.0	4.7	4.7	6.3	4.7	4.3	4.7	5.7	6.7	4.0	5.0	4.9
BUENA VISTA	4.7	6.7	4.0	4.7	3.7	5.3	5.0	3.7	4.3	5.3	7.7	3.7	5.0	4.9
HARRIER (SRX 4UP3)	4.7	7.0	4.0	4.3	3.7	6.0	4.3	4.0	4.7	4.0	7.7	5.0	4.3	4.9
PRIMARY (IS-PR 269)	4.0	6.0	3.7	6.0	4.7	6.0	4.7	4.0	5.0	4.7	7.7	3.7	3.7	4.9
ZOOM (LCK)	4.3	6.3	4.3	4.7	4.3	7.0	4.7	4.3	4.7	3.7	7.7	4.7	3.0	4.9
ES45	2.7	6.3	4.0	6.0	4.0	5.0	4.3	4.7	6.0	4.3	7.7	4.0	4.3	4.9
FIREBOLT (PRG HS-01-09)	3.7	6.0	4.0	6.0	4.0	5.3	4.7	5.0	4.3	4.3	8.0	3.7	4.3	4.9
LINE DRIVE GLS (APR 1797)	3.3	6.0	4.3	5.3	5.0	5.3	5.3	3.7	4.0	5.3	7.3	5.0	3.3	4.9
RAD-PR8	3.7	5.7	4.0	5.3	5.7	5.7	4.0	4.0	5.0	4.7	7.0	4.3	4.3	4.9
ASP6004 (EXS54)	3.0	6.7	4.3	5.3	3.7	6.3	4.7	4.7	5.0	3.7	7.7	4.3	3.7	4.8
CALYPSO 3 (MS2)	3.0	5.0	3.3	5.3	3.7	6.0	4.7	4.7	5.0	4.7	7.7	4.3	5.7	4.8
WAYFARER (L44)	4.0	6.0	4.0	5.3	4.0	5.3	4.0	4.3	4.3	3.7	8.0	4.7	5.3	4.8
TRANSFORMER (D04-1667)	4.3	6.3	4.0	3.7	3.7	5.7	4.7	3.7	5.3	5.0	7.0	6.7	3.0	4.8
OVERDRIVE	3.0	5.3	3.7	4.0	5.0	7.0	4.7	4.0	5.0	4.7	7.0	4.7	4.7	4.8
MANHATTAN 5 GLR (PST-2AM)	4.0	5.3	4.0	4.7	3.7	6.0	5.0	4.3	5.0	5.0	6.7	4.3	4.3	4.8
ASP6005 (AJM)	4.3	6.0	3.3	4.7	5.3	5.7	4.7	4.0	4.3	3.7	8.0	4.7	3.7	4.8
INSPIRE	3.0	5.7	3.7	4.7	5.0	5.7	4.7	4.3	5.0	5.0	6.7	5.0	4.0	4.8
PM 102	3.0	6.3	4.3	5.3	3.3	4.7	4.3	5.0	5.0	4.3	8.0	4.7	4.0	4.8
SECRETARIAT II GLSR (LTP-101-GLSR)	4.0	6.0	5.0	3.7	3.0	6.7	4.7	3.7	5.0	5.3	6.7	4.3	4.3	4.8
FUSION	2.7	5.7	4.3	5.3	4.3	6.3	5.0	4.0	4.7	4.7	7.7	3.7	4.0	4.8
AFFINITY	3.7	5.3	4.3	3.0	4.0	6.7	4.0	3.3	6.0	5.7	6.3	5.0	4.7	4.8
BREA (04-BRE)	4.0	6.0	3.3	4.0	4.7	5.3	4.7	4.7	4.3	5.0	7.0	4.3	4.7	4.8
PREMIER II	3.0	5.7	4.7	3.7	4.3	6.3	4.0	3.7	6.0	5.0	7.0	4.7	4.0	4.8
RINGER II (04-BEN)	3.3	5.7	4.0	4.3	5.0	6.0	4.7	4.0	5.3	4.0	7.0	3.7	5.0	4.8
PST-2AG4	3.0	6.0	4.0	5.3	3.7	6.7	4.7	4.0	4.0	3.7	7.7	3.7	5.7	4.8
KEYSTONE 2 (IS-PR 312)	3.0	6.3	4.3	4.7	5.0	5.7	5.0	4.0	4.3	3.3	7.3	3.3	5.3	4.7
ASP6001 (RTS)	2.0	5.3	3.7	5.3	4.0	5.3	4.7	4.7	6.0	4.7	7.7	3.3	5.0	4.7
BAR LP 4420	3.0	5.7	4.0	5.3	5.3	4.0	4.3	4.3	4.7	5.7	7.0	4.0	4.3	4.7
REGAL 5 (IS-PR 271)	2.3	5.7	4.7	5.3	3.3	6.0	4.0	5.3	4.7	4.7	8.0	3.3	4.3	4.7
PIANIST (DP 17-9505)	3.0	6.3	4.3	4.7	4.0	5.0	4.3	4.0	4.3	4.3	7.0	4.3	5.7	4.7
TOP GUN II (JR-324)	4.0	5.3	4.3	6.0	3.3	4.3	5.0	4.3	4.7	5.0	7.3	3.3	4.3	4.7
TR47	2.7	6.0	4.3	6.0	4.7	5.0	4.7	4.3	5.0	4.0	7.7	3.7	3.3	4.7
VB99	3.0	5.3	4.7	5.3	3.7	4.7	4.3	4.7	5.3	4.3	8.0	3.3	4.7	4.7
FIJI (GPR)	3.0	6.0	3.7	4.7	3.7	4.0	4.3	4.0	5.3	4.7	8.0	5.3	4.7	4.7
WIND DANCE 2 (PWDR)	2.0	5.7	4.0	6.0	3.7	5.0	4.0	4.0	4.7	4.7	7.7	4.3	5.7	4.7
EDGE II (AC2)	3.0	6.0	4.0	5.3	3.3	4.7	4.7	4.3	4.0	5.3	8.0	4.0	4.3	4.7
GRAND SLAM 2 (PST-2GSM)	3.0	6.0	4.0	4.7	3.3	6.0	4.3	4.7	4.3	4.7	7.3	4.3	4.3	4.7
ASP6002 (BPR)	2.3	5.7	3.7	5.3	3.7	5.0	4.7	5.0	5.0	3.7	7.7	4.7	4.7	4.7
DP 17-9788	2.7	5.3	4.0	3.7	5.3	5.3	4.3	3.3	5.3	5.0	7.3	3.7	5.3	4.7
BARLENNIUM	3.0	5.7	4.3	3.7	5.0	4.0	4.7	4.0	5.3	5.7	6.3	5.0	3.7	4.6

TABLE 14. (CONT'D)

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
 2007 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IL2	IN1	MA1	MI1	NE1	NJ1	NY1	OK1	RI1	UT1	VA1	WA1	WI1	MEAN
CITATION FORE	3.0	6.0	4.3	3.7	4.7	5.7	4.0	4.3	5.3	4.3	7.0	4.0	4.0	4.6
LA QUINTA (JR-255)	4.0	5.7	4.0	5.3	2.7	5.3	4.3	4.3	4.3	5.0	7.7	4.3	3.3	4.6
NEXUS XD (SP4)	3.0	5.7	3.7	6.0	4.0	5.0	4.3	5.0	5.0	3.7	7.7	2.7	4.7	4.6
PST-217	3.0	4.7	4.0	4.7	4.3	5.3	5.3	3.7	4.7	5.0	7.7	3.0	5.0	4.6
HEADSTART 2	2.0	6.3	4.0	4.0	4.0	4.3	5.0	4.7	4.3	4.0	7.3	5.0	5.0	4.6
PALMER III	2.3	5.7	4.3	4.7	4.7	5.3	3.7	3.7	4.7	5.0	7.0	4.3	4.7	4.6
PST-2LAN	3.7	5.0	4.0	5.3	4.3	5.3	4.3	4.0	4.7	5.3	7.0	3.0	3.7	4.6
HALO (KN42)	2.0	5.7	4.3	5.3	3.7	4.7	4.0	4.7	5.3	4.3	8.0	2.3	5.0	4.6
ACCENT II (JR-119)	2.7	5.3	3.7	5.3	4.0	5.0	4.7	4.0	4.7	5.7	7.3	3.3	3.7	4.6
DELAWARE XL (PICK 01-2)	2.7	5.7	4.3	6.0	3.3	4.3	4.0	4.3	4.0	4.3	8.0	3.7	4.7	4.6
PICK 02-R	3.0	5.7	4.0	6.0	4.3	3.3	4.3	4.3	4.0	4.0	7.7	4.3	3.7	4.5
PANTHER	3.3	5.7	3.3	3.3	4.3	6.0	4.3	3.7	5.0	5.7	5.7	4.7	3.7	4.5
D04-LP05	3.0	6.0	4.7	4.7	3.7	4.7	3.7	4.3	4.0	3.7	7.7	5.0	2.7	4.4
LPR 02203	2.7	5.3	3.7	3.3	4.3	6.0	4.3	4.0	5.7	5.0	6.3	2.7	4.3	4.4
PENTIUM	2.0	5.7	3.0	4.0	3.7	6.0	4.3	4.0	5.0	4.7	6.0	4.7	4.3	4.4
PREMIER	4.0	5.3	3.3	3.7	3.3	6.0	4.0	3.0	6.3	4.7	5.7	5.0	3.0	4.4
PST-2BLK	2.3	5.0	3.3	4.7	4.7	6.3	4.7	4.3	4.7	3.7	7.3	2.0	4.0	4.4
BRIGHTSTAR SLT	2.0	5.3	3.7	4.7	3.7	5.3	4.7	4.0	5.0	4.7	6.3	2.7	4.7	4.4
SUNSHINE 2	1.7	5.7	2.7	6.0	4.0	2.7	4.0	5.0	4.0	4.0	8.0	4.0	4.7	4.3
SRX 4682	2.3	5.3	4.0	3.7	2.7	5.3	4.3	4.0	4.0	5.7	7.3	3.7	4.0	4.3
CADDIESHACK II (JR-163)	3.0	5.0	3.3	5.3	3.3	3.0	4.3	4.0	5.0	4.7	7.7	3.3	4.0	4.3
MONTEREY 3 (JR-408)	3.0	5.0	3.7	5.3	3.3	4.0	4.7	4.0	4.0	5.3	7.0	2.7	4.0	4.3
GRAY STAR (PST-2LGL)	2.0	5.0	3.3	5.3	3.7	5.0	4.3	4.0	4.3	4.3	7.3	3.0	4.0	4.3
LINN	2.0	4.7	3.0	3.0	3.7	5.7	3.7	3.0	7.0	5.0	5.7	5.0	4.3	4.3
PS-2	3.0	5.7	4.0	3.7	4.0	3.7	4.7	4.0	4.0	4.7	7.0	3.3	4.0	4.3
BAR LP 4317	2.3	5.3	4.0	3.3	3.3	4.7	5.0	4.0	4.0	4.0	6.7	4.7	3.3	4.2
GOALKEEPER II (JR-114)	3.0	5.3	3.3	4.0	3.0	3.3	4.7	4.0	4.3	5.0	7.7	2.7	4.3	4.2
QUICKSILVER	1.7	5.0	3.3	5.3	4.0	3.7	4.7	3.3	4.3	2.7	7.7	2.3	3.7	4.0
LSD VALUE	1.4	1.2	1.1	1.5	1.9	1.5	1.1	0.8	1.1	1.8	0.9	1.5	2.0	0.4
C.V. (%)	26.5	12.8	16.2	18.4	28.7	16.2	15.5	11.7	14.6	24.3	7.9	21.2	26.5	18.2

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 MEAN IN EACH COLUMN.

TABLE 15.

LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

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

NAME	MI1	MO1	WA1	MEAN	NAME	MI1	MO1	WA1	MEAN
TRANSFORMER (D04-1667)	7.7	7.0	6.0	6.6	PALMER III	7.3	6.7	6.0	6.2
BAR LP 4317	7.0	7.3	6.0	6.6	PLEASURE SUPREME (PM 103)	8.0	7.3	6.0	6.2
DP 17-9788	7.3	7.3	6.0	6.6	PREMIER II	6.7	7.3	6.0	6.2
1G SQUARED (APR 1664)	8.0	7.0	6.0	6.5	PRIMARY (IS-PR 269)	7.7	7.3	6.0	6.2
CADDIESHACK II (JR-163)	7.7	7.3	6.0	6.4	RAD-PR8	7.7	7.0	6.0	6.2
PIZZAZZ	8.3	7.3	6.0	6.4	REGAL 5 (IS-PR 271)	8.0	6.7	6.0	6.2
ZOOM (LCK)	8.0	7.0	6.0	6.4	TOP GUN II (JR-324)	7.0	7.0	6.0	6.2
CITATION FORE	7.3	7.3	6.0	6.4	ATTRIBUTE (IS-PR 270)	8.0	7.0	6.0	6.2
PANTHER	7.0	6.7	6.0	6.3	BAR LP 4420	7.3	7.3	6.0	6.2
PHENOM (APR 1660)	7.7	7.0	6.0	6.3	CABO II (IS-PR 233)	8.0	7.0	6.0	6.2
PINNACLE II	7.7	7.7	6.0	6.3	D04-LP05	8.0	7.0	6.0	6.2
PRESIDIO (CNV)	7.7	7.7	6.0	6.3	DART (APR 1663)	8.0	7.0	6.0	6.2
PROTEGE GLR	7.7	7.7	6.0	6.3	E-99	7.3	7.0	6.0	6.2
ALLSTAR 3 (IS-PR 274)	8.0	7.0	6.0	6.3	EXACTA II GLSR (LTP-611-GLSR)	8.0	7.0	6.0	6.2
CUTTER II (PM 101)	7.7	7.3	6.0	6.3	FUSION	8.0	7.0	6.0	6.2
MACH I	8.0	7.0	6.0	6.3	GRAY STAR (PST-2LGL)	7.3	7.0	6.0	6.2
PANTHER GLS	7.0	7.3	6.0	6.3	KEYSTONE 2 (IS-PR 312)	7.3	7.0	6.0	6.2
PINNACLE	7.0	6.3	5.3	6.3	LPR 02203	6.3	6.3	6.0	6.2
QUICKSILVER	7.3	7.0	6.0	6.3	OVERDRIVE	8.0	7.0	6.0	6.2
AF	8.0	7.0	6.0	6.3	PIANIST (DP 17-9505)	7.3	7.0	6.0	6.2
AMAZING GS (IS-PR 276)	7.7	7.0	6.0	6.3	PS-2	7.0	7.3	6.0	6.2
APR 1648	7.3	7.3	6.0	6.3	RNS	7.3	7.3	6.0	6.2
ASP6002 (BPR)	8.3	7.0	6.0	6.3	AFFINITY	6.7	6.0	6.0	6.1
BAR LP 4920	7.0	6.3	6.0	6.3	ASP6003 (TRS)	7.7	6.7	6.0	6.1
BUENA VISTA	7.7	7.3	6.0	6.3	GRAND SLAM 2 (PST-2GSM)	7.7	7.0	6.0	6.1
DASHER 3 (PICK RB-1)	7.7	7.3	6.0	6.3	WAYFARER (L44)	8.0	7.0	6.0	6.1
DELAWARE XL (PICK 01-2)	8.0	7.0	6.0	6.3	LINE DRIVE GLS (APR 1797)	7.7	7.0	6.0	6.1
DERBY XTREME (IS-PR 268)	7.7	7.3	6.0	6.3	STELLAR GL (IS-PR 236)	8.0	7.0	6.0	6.1
DP 17-9499	7.7	6.3	6.0	6.3	VB99	7.7	7.0	6.0	6.1
HEADSTART 2	7.3	7.3	6.0	6.3	ACCENT II (JR-119)	7.0	7.0	6.0	6.1
PALMER IV	7.7	7.0	6.0	6.3	ASP6001 (RTS)	7.0	7.0	6.0	6.1
PARAGON GLR	8.3	7.0	6.0	6.3	CALYPSO 3 (MS2)	7.0	7.0	6.0	6.1
PENTIUM	7.0	7.3	6.0	6.3	DP1	7.7	7.3	6.0	6.1
PREMIER	6.3	6.0	6.0	6.3	EDGE II (AC2)	7.3	7.0	6.0	6.1
RINGER II (04-BEN)	7.7	7.0	6.0	6.3	ES45	7.7	7.3	6.0	6.1
SUNSHINE 2	7.7	7.3	6.0	6.3	GRAY FOX (PST-2MNG)	7.0	6.3	6.0	6.1
WIND DANCE 2 (PWDR)	7.7	7.0	6.0	6.3	HAWKEYE 2 (SRX 4692)	7.0	7.0	6.0	6.1
BRIGHTSTAR SLT	7.3	6.7	6.0	6.2	NEXUS XR (SNR)	8.0	7.3	6.0	6.1
DCM	7.7	7.3	6.0	6.2	PST-217	7.3	7.0	6.0	6.1
DEFENDER (D04-UP)	7.7	7.7	6.0	6.2	PST-2LAN	7.3	7.0	6.0	6.1
FIESTA 4 (PICK F4)	7.7	7.3	6.0	6.2	REVENGE GLX (JR-348)	7.7	7.3	6.0	6.1
GL-2	7.7	7.7	6.0	6.2	SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	7.0	6.0	6.1
GOALKEEPER II (JR-114)	7.0	7.0	6.0	6.2	SR 4600 (SRX 4SP)	7.7	7.3	6.0	6.1
MAJESTY II (VB77)	7.7	7.0	6.0	6.2	APPLE GL (AAZ-B104)	7.3	7.7	6.0	6.0
MONTEREY 3 (JR-408)	7.7	7.0	6.0	6.2	ASP6005 (AJM)	7.0	7.0	6.0	6.0
					ASP6006 (LPFG)	7.3	7.3	6.0	6.0

TABLE 15. LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

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

NAME	MI1	MO1	WA1	MEAN
BARLENNIUM	6.7	7.0	6.0	6.0
BREA (04-BRE)	7.3	6.7	6.0	6.0
FIJI (GPR)	8.0	7.0	6.0	6.0
FIREBOLT (PRG HS-01-09)	7.0	7.7	6.0	6.0
GALATTI (DP 17-9502)	7.7	6.0	6.0	6.0
HARRIER (SRX 4UP3)	7.7	6.7	6.0	6.0
HOMERUN (RG3P)	8.0	7.0	6.0	6.0
INSPIRE	7.0	7.0	6.0	6.0
MANHATTAN 5 GLR (PST-2AM)	7.3	6.7	6.0	6.0
NEXUS XD (SP4)	7.0	7.3	6.0	6.0
PALACE (IS-PR 273)	7.7	6.7	6.0	6.0
PST-2AG4	7.7	7.0	6.0	6.0
REPELL GLS	7.3	7.3	6.0	6.0
SILVER DOLLAR	7.0	7.3	6.0	6.0
SRX 4682	6.7	7.0	6.0	6.0
UNO (D04-11T)	6.7	7.3	6.0	6.0
APR 1670	7.0	7.3	5.3	6.0
ASP6004 (EXS54)	7.7	6.3	6.0	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.3	6.7	6.0	5.9
HALO (KN42)	7.7	7.0	6.0	5.9
MMW	7.7	6.7	6.0	5.9
PM 102	7.7	7.0	6.0	5.9
PST-2BLK	6.7	6.3	5.7	5.9
TR47	8.0	6.7	6.0	5.9
PICK 02-R	7.3	7.3	6.0	5.9
KOKOMO II (IS-PR 235)	7.7	6.7	6.0	5.8
LA QUINTA (JR-255)	7.0	7.0	6.0	5.7
LINN	4.0	4.3	5.0	3.6
LSD VALUE	1.0	0.8	0.1	0.5
C.V. (%)	8.2	7.0	1.5	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 MEAN IN EACH COLUMN.

TABLE 16.

SPRING DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	MI1	NE1	MEAN	NAME	MI1	NE1	MEAN
1G SQUARED (APR 1664)	6.7	9.0	7.8	AMAZING GS (IS-PR 276)	6.3	8.0	7.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.7	9.0	7.8	CITATION FORE	5.3	9.0	7.2
DART (APR 1663)	6.7	9.0	7.8	CUTTER II (PM 101)	5.7	8.7	7.2
DASHER 3 (PICK RB-1)	6.7	9.0	7.8	EXACTA II GLSR (LTP-611-GLSR)	5.3	9.0	7.2
KOKOMO II (IS-PR 235)	7.0	8.3	7.7	FIESTA 4 (PICK F4)	5.3	9.0	7.2
AF	6.3	9.0	7.7	HEADSTART 2	5.7	8.7	7.2
ATTRIBUTE (IS-PR 270)	6.3	9.0	7.7	MMW	5.3	9.0	7.2
BAR LP 4420	6.7	8.7	7.7	NEXUS XR (SNR)	5.7	8.7	7.2
DCM	6.3	9.0	7.7	OVERDRIVE	5.3	9.0	7.2
DEFENDER (D04-UP)	6.3	9.0	7.7	PARAGON GLR	5.7	8.7	7.2
GL-2	6.3	9.0	7.7	PLEASURE SUPREME (PM 103)	5.3	9.0	7.2
KEYSTONE 2 (IS-PR 312)	6.7	8.7	7.7	PREMIER II	5.7	8.7	7.2
MACH I	6.3	9.0	7.7	ZOOM (LCK)	5.7	8.7	7.2
PANTHER GLS	6.3	9.0	7.7	APR 1670	5.3	8.7	7.0
PIZZAZZ	6.3	9.0	7.7	ASP6004 (EXS54)	5.3	8.7	7.0
ASP6001 (RTS)	6.3	8.7	7.5	ASP6006 (LPFG)	5.3	8.7	7.0
BUENA VISTA	6.3	8.7	7.5	BAR LP 4317	5.3	8.7	7.0
DERBY XTREME (IS-PR 268)	6.0	9.0	7.5	BRIGHTSTAR SLT	5.7	8.3	7.0
FIJI (GPR)	7.0	8.0	7.5	E-99	5.7	8.3	7.0
MANHATTAN 5 GLR (PST-2AM)	6.7	8.3	7.5	GRAND SLAM 2 (PST-2GSM)	5.3	8.7	7.0
PALMER III	6.0	9.0	7.5	HALO (KN42)	5.7	8.3	7.0
PINNACLE II	6.0	9.0	7.5	MAJESTY II (VB77)	5.3	8.7	7.0
PRIMARY (IS-PR 269)	6.3	8.7	7.5	PROTEGE GLR	6.3	7.7	7.0
RAD-PR8	6.3	8.7	7.5	PS-2	5.0	9.0	7.0
RNS	6.7	8.3	7.5	PST-217	6.0	8.0	7.0
TRANSFORMER (D04-1667)	6.3	8.7	7.5	PST-2BLK	5.3	8.7	7.0
WIND DANCE 2 (PWDR)	6.3	8.7	7.5	REPELL GLS	5.7	8.3	7.0
APPLE GL (AAZ-B104)	6.3	8.3	7.3	SR 4600 (SRX 4SP)	5.7	8.3	7.0
ASP6003 (TRS)	6.7	8.0	7.3	STELLAR GL (IS-PR 236)	6.0	8.0	7.0
CABO II (IS-PR 233)	6.3	8.3	7.3	UNO (D04-11T)	5.3	8.7	7.0
DELAWARE XL (PICK 01-2)	5.7	9.0	7.3	ASP6002 (BPR)	6.0	7.7	6.8
HOMERUN (RG3P)	5.7	9.0	7.3	BARLENNIUM	6.0	7.7	6.8
PICK 02-R	6.3	8.3	7.3	FUSION	6.0	7.7	6.8
PRESIDIO (CNV)	5.7	9.0	7.3	GOALKEEPER II (JR-114)	5.3	8.3	6.8
ALLSTAR 3 (IS-PR 274)	6.0	8.7	7.3	GRAY STAR (PST-2LGL)	6.0	7.7	6.8
ES45	6.0	8.7	7.3	LINE DRIVE GLS (APR 1797)	4.7	9.0	6.8
PALMER IV	6.0	8.7	7.3	MONTEREY 3 (JR-408)	5.7	8.0	6.8
RINGER II (04-BEN)	6.0	8.7	7.3	PST-2LAN	5.7	8.0	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	8.7	7.3	REGAL 5 (IS-PR 271)	6.0	7.7	6.8
SILVER DOLLAR	6.0	8.7	7.3	REVENGE GLX (JR-348)	4.7	9.0	6.8
TOP GUN II (JR-324)	6.0	8.7	7.3	VB99	5.7	8.0	6.8
TR47	6.0	8.7	7.3	PIANIST (DP 17-9505)	5.0	8.7	6.8
ASP6005 (AJM)	6.0	8.3	7.2	APR 1648	5.3	8.0	6.7
CALYPSO 3 (MS2)	6.0	8.3	7.2	DP 17-9499	4.3	9.0	6.7
EDGE II (AC2)	6.0	8.3	7.2	GRAY FOX (PST-2MNG)	4.7	8.7	6.7
				NEXUS XD (SP4)	5.3	8.0	6.7



TABLE 16. SPRING DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	MI1	NE1	MEAN
PHENOM (APR 1660)	4.7	8.7	6.7
ACCENT II (JR-119)	4.7	8.3	6.5
BAR LP 4920	4.7	8.3	6.5
CADDIESHACK II (JR-163)	6.0	7.0	6.5
DP1	4.7	8.3	6.5
GALATTI (DP 17-9502)	5.0	8.0	6.5
HARRIER (SRX 4UP3)	5.3	7.7	6.5
HAWKEYE 2 (SRX 4692)	4.7	8.3	6.5
PALACE (IS-PR 273)	4.7	8.3	6.5
PANTHER	4.7	8.3	6.5
PM 102	4.7	8.3	6.5
DO4-LP05	4.3	8.3	6.3
INSPIRE	4.3	8.3	6.3
SUNSHINE 2	4.7	8.0	6.3
DP 17-9788	4.0	8.7	6.3
BREA (04-BRE)	4.7	7.7	6.2
FIREBOLT (PRG HS-01-09)	4.7	7.7	6.2
LPR 02203	3.3	9.0	6.2
PST-2AG4	4.0	8.3	6.2
PENTIUM	3.7	8.3	6.0
QUICKSILVER	4.0	8.0	6.0
WAYFARER (L44)	4.7	7.0	5.8
SRX 4682	4.0	7.7	5.8
AFFINITY	3.0	8.3	5.7
LA QUINTA (JR-255)	4.0	7.3	5.7
PINNACLE	3.0	8.0	5.5
PREMIER	3.7	7.3	5.5
LINN	2.0	5.3	3.7
LSD VALUE	1.8	1.1	1.1
C.V. (%)	20.7	8.0	13.5

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 MEAN IN EACH COLUMN.

TABLE 17.

SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NE1	NAME	NE1
1G SQUARED (APR 1664)	9.0	MAJESTY II (VB77)	9.0
ACCENT II (JR-119)	9.0	MANHATTAN 5 GLR (PST-2AM)	9.0
AF	9.0	MMW	9.0
AMAZING GS (IS-PR 276)	9.0	NEXUS XD (SP4)	9.0
APR 1648	9.0	NEXUS XR (SNR)	9.0
APR 1670	9.0	OVERDRIVE	9.0
ASP6001 (RTS)	9.0	PALACE (IS-PR 273)	9.0
ASP6004 (EXS54)	9.0	PALMER III	9.0
ASP6005 (AJM)	9.0	PALMER IV	9.0
ATTRIBUTE (IS-PR 270)	9.0	PANTHER GLS	9.0
BAR LP 4317	9.0	PARAGON GLR	9.0
BAR LP 4420	9.0	PENTIUM	9.0
BAR LP 4920	9.0	PIANIST (DP 17-9505)	9.0
BUENA VISTA	9.0	PICK 02-R	9.0
CABO II (IS-PR 233)	9.0	PINNACLE II	9.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	9.0	PLEASURE SUPREME (PM 103)	9.0
CITATION FORE	9.0	PM 102	9.0
CUTTER II (PM 101)	9.0	PREMIER II	9.0
DART (APR 1663)	9.0	PRESIDIO (CNV)	9.0
DASHER 3 (PICK RB-1)	9.0	PRIMARY (IS-PR 269)	9.0
DCM	9.0	PS-2	9.0
DEFENDER (D04-UP)	9.0	PST-2AG4	9.0
DELAWARE XL (PICK 01-2)	9.0	PST-2BLK	9.0
DERBY XTREME (IS-PR 268)	9.0	REPELL GLS	9.0
DP 17-9499	9.0	REVENGE GLX (JR-348)	9.0
DP 17-9788	9.0	RINGER II (04-BEN)	9.0
DP1	9.0	RNS	9.0
E-99	9.0	SILVER DOLLAR	9.0
EDGE II (AC2)	9.0	SRX 4682	9.0
ES45	9.0	SUNSHINE 2	9.0
EXACTA II GLSR (LTP-611-GLSR)	9.0	TR47	9.0
FUSION	9.0	TRANSFORMER (D04-1667)	9.0
GL-2	9.0	UNO (D04-11T)	9.0
GRAND SLAM 2 (PST-2GSM)	9.0	WIND DANCE 2 (PWDR)	9.0
GRAY FOX (PST-2MNG)	9.0	ZOOM (LCK)	9.0
GRAY STAR (PST-2LGL)	9.0	AFFINITY	8.7
HAWKEYE 2 (SRX 4692)	9.0	ALLSTAR 3 (IS-PR 274)	8.7
HEADSTART 2	9.0	APPLE GL (AAZ-B104)	8.7
HOMERUN (RG3P)	9.0	ASP6002 (BPR)	8.7
INSPIRE	9.0	ASP6003 (TRS)	8.7
KEYSTONE 2 (IS-PR 312)	9.0	ASP6006 (LPFG)	8.7
KOKOMO II (IS-PR 235)	9.0	BRIGHTSTAR SLT	8.7
WAYFARER (L44)	9.0	CADDIESHACK II (JR-163)	8.7
LINE DRIVE GLS (APR 1797)	9.0	CALYPSO 3 (MS2)	8.7
LPR 02203	9.0	D04-LP05	8.7
MACH I	9.0	FIESTA 4 (PICK F4)	8.7

TABLE 17. SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NE1
FIJI (GPR)	8.7
GALATTI (DP 17-9502)	8.7
GOALKEEPER II (JR-114)	8.7
HALO (KN42)	8.7
MONTEREY 3 (JR-408)	8.7
PANTHER	8.7
PHENOM (APR 1660)	8.7
PIZZAZZ	8.7
PROTEGE GLR	8.7
PST-217	8.7
QUICKSILVER	8.7
RAD-PR8	8.7
REGAL 5 (IS-PR 271)	8.7
SECRETARIAT II GLSR (LTP-101-GLSR)	8.7
SR 4600 (SRX 4SP)	8.7
STELLAR GL (IS-PR 236)	8.7
TOP GUN II (JR-324)	8.7
VB99	8.7
BARLENNIUM	8.3
BREA (04-BRE)	8.3
HARRIER (SRX 4UP3)	8.3
PINNACLE	8.3
PST-2LAN	8.3
FIREBOLT (PRG HS-01-09)	8.0
LA QUINTA (JR-255)	8.0
PREMIER	8.0
LINN	7.3
LSD VALUE	0.6
C.V. (%)	4.2

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 MEAN IN EACH COLUMN.

TABLE 18.

FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	MI1	NE1	MEAN	NAME	MI1	NE1	MEAN
DP1	7.0	9.0	8.0	PENTIUM	5.7	9.0	7.3
STELLAR GL (IS-PR 236)	7.3	8.7	8.0	PM 102	6.3	8.3	7.3
GRAY STAR (PST-2LGL)	6.7	9.0	7.8	HALO (KN42)	6.0	8.7	7.3
SR 4600 (SRX 4SP)	7.3	8.3	7.8	WAYFARER (L44)	6.0	8.7	7.3
SILVER DOLLAR	7.0	8.7	7.8	APR 1670	6.0	8.3	7.2
ALLSTAR 3 (IS-PR 274)	7.0	8.3	7.7	CALYPSO 3 (MS2)	6.0	8.3	7.2
RAD-PR8	7.0	8.3	7.7	FIESTA 4 (PICK F4)	6.7	7.7	7.2
ZOOM (LCK)	7.0	8.3	7.7	PANTHER GLS	6.7	7.7	7.2
AMAZING GS (IS-PR 276)	6.7	8.7	7.7	PS-2	6.0	8.3	7.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.7	8.7	7.7	PST-2AG4	6.0	8.3	7.2
CUTTER II (PM 101)	6.3	9.0	7.7	APR 1648	5.7	8.7	7.2
DART (APR 1663)	6.7	8.7	7.7	CITATION FORE	5.7	8.7	7.2
MONTEREY 3 (JR-408)	6.7	8.7	7.7	EXACTA II GLSR (LTP-611-GLSR)	6.3	8.0	7.2
OVERDRIVE	6.7	8.7	7.7	GALATTI (DP 17-9502)	6.3	8.0	7.2
RINGER II (04-BEN)	6.7	8.7	7.7	PICK 02-R	6.3	8.0	7.2
RNS	7.3	8.0	7.7	PRESIDIO (CNV)	6.3	8.0	7.2
TOP GUN II (JR-324)	6.7	8.7	7.7	REGAL 5 (IS-PR 271)	7.0	7.3	7.2
UNO (D04-11T)	6.7	8.7	7.7	REPELL GLS	6.3	8.0	7.2
ACCENT II (JR-119)	6.7	8.3	7.5	REVENGE GLX (JR-348)	7.0	7.3	7.2
APPLE GL (AAZ-B104)	6.7	8.3	7.5	ASP6001 (RTS)	5.7	8.3	7.0
ATTRIBUTE (IS-PR 270)	7.0	8.0	7.5	BARLENNIUM	5.7	8.3	7.0
BRIGHTSTAR SLT	6.3	8.7	7.5	CABO II (IS-PR 233)	6.3	7.7	7.0
BUENA VISTA	6.3	8.7	7.5	CADDIESHACK II (JR-163)	5.3	8.7	7.0
D04-LP05	6.7	8.3	7.5	E-99	5.3	8.7	7.0
DEFENDER (D04-UP)	7.7	7.3	7.5	ES45	5.7	8.3	7.0
DERBY XTREME (IS-PR 268)	7.0	8.0	7.5	FIJI (GPR)	5.0	9.0	7.0
FUSION	6.7	8.3	7.5	PALACE (IS-PR 273)	6.0	8.0	7.0
HOMERUN (RG3P)	7.0	8.0	7.5	PREMIER II	6.7	7.3	7.0
KEYSTONE 2 (IS-PR 312)	6.7	8.3	7.5	PST-217	6.0	8.0	7.0
PALMER IV	7.0	8.0	7.5	SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	8.0	7.0
PARAGON GLR	6.7	8.3	7.5	TR47	6.0	8.0	7.0
PIZZAZZ	7.3	7.7	7.5	VB99	5.7	8.3	7.0
PRIMARY (IS-PR 269)	6.7	8.3	7.5	WIND DANCE 2 (PWDR)	7.0	7.0	7.0
PROTEGE GLR	7.0	8.0	7.5	DP 17-9788	5.7	8.0	6.8
TRANSFORMER (D04-1667)	6.3	8.7	7.5	PALMER III	6.0	7.7	6.8
1G SQUARED (APR 1664)	6.7	8.0	7.3	PANTHER	5.7	8.0	6.8
ASP6004 (EXS54)	6.7	8.0	7.3	PLEASURE SUPREME (PM 103)	5.7	8.0	6.8
ASP6006 (LPFG)	6.3	8.3	7.3	PST-2LAN	5.3	8.3	6.8
BAR LP 4420	6.3	8.3	7.3	MANHATTAN 5 GLR (PST-2AM)	5.0	8.7	6.8
DCM	7.0	7.7	7.3	PIANIST (DP 17-9505)	6.3	7.3	6.8
GL-2	7.0	7.7	7.3	AF	5.7	7.7	6.7
GRAY FOX (PST-2MNG)	5.7	9.0	7.3	DASHER 3 (PICK RB-1)	5.7	7.7	6.7
HARRIER (SRX 4UP3)	6.7	8.0	7.3	GOALKEEPER II (JR-114)	5.7	7.7	6.7
KOKOMO II (IS-PR 235)	6.3	8.3	7.3	NEXUS XR (SNR)	5.7	7.7	6.7
MAJESTY II (VB77)	6.7	8.0	7.3	SUNSHINE 2	5.7	7.7	6.7
				ASP6005 (AJM)	6.0	7.3	6.7

TABLE 18. FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	MI1	NE1	MEAN
HAWKEYE 2 (SRX 4692)	5.3	8.0	6.7
INSPIRE	5.3	8.0	6.7
LA QUINTA (JR-255)	4.7	8.7	6.7
MACH I	6.3	7.0	6.7
MMW	6.3	7.0	6.7
PHENOM (APR 1660)	6.3	7.0	6.7
QUICKSILVER	5.3	8.0	6.7
ASP6002 (BPR)	4.7	8.3	6.5
ASP6003 (TRS)	5.3	7.7	6.5
BAR LP 4920	5.7	7.3	6.5
DELAWARE XL (PICK 01-2)	6.3	6.7	6.5
DP 17-9499	5.7	7.3	6.5
EDGE II (AC2)	4.7	8.3	6.5
GRAND SLAM 2 (PST-2GSM)	4.7	8.3	6.5
HEADSTART 2	6.0	7.0	6.5
NEXUS XD (SP4)	4.7	8.3	6.5
PST-2BLK	5.0	8.0	6.5
BREA (04-BRE)	4.7	8.0	6.3
LPR 02203	4.3	8.3	6.3
BAR LP 4317	5.3	7.3	6.3
LINE DRIVE GLS (APR 1797)	5.3	7.3	6.3
PINNACLE II	6.3	6.3	6.3
FIREBOLT (PRG HS-01-09)	4.0	8.0	6.0
SRX 4682	3.3	8.7	6.0
AFFINITY	4.3	7.3	5.8
PINNACLE	3.0	8.7	5.8
PREMIER	3.0	8.7	5.8
LINN	2.0	6.7	4.3
LSD VALUE	1.6	1.5	1.1
C.V. (%)	16.9	11.5	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 MEAN IN EACH COLUMN.

TABLE 19. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	MO1	OK1	RI1	MEAN
PST-2LAN	94.0	99.0	95.7	98.7	96.8
PIZZAZZ	97.0	99.0	91.3	99.0	96.6
GRAY FOX (PST-2MNG)	95.7	99.0	91.7	98.7	96.3
NEXUS XR (SNR)	95.0	99.0	92.0	99.0	96.3
PALMER III	97.0	98.3	91.7	98.0	96.3
MANHATTAN 5 GLR (PST-2AM)	96.3	99.0	90.7	97.3	95.8
DEFENDER (D04-UP)	95.7	99.0	89.3	99.0	95.8
ACCENT II (JR-119)	95.0	99.0	90.0	98.7	95.7
LINE DRIVE GLS (APR 1797)	96.3	99.0	89.0	98.0	95.6
SECRETARIAT II GLSR (LTP-101-GLSR)	95.0	99.0	90.0	98.3	95.6
OVERDRIVE	95.7	99.0	87.7	99.0	95.3
D04-LP05	94.0	96.0	92.3	98.7	95.3
BARLENNIUM	96.3	99.0	86.7	98.7	95.2
PST-2AG4	93.0	99.0	90.0	98.7	95.2
MACH I	93.3	99.0	89.3	99.0	95.2
CITATION FORE	95.7	99.0	87.3	98.3	95.1
RINGER II (04-BEN)	96.3	99.0	86.7	98.3	95.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	95.7	99.0	86.7	98.7	95.0
DASHER 3 (PICK RB-1)	96.3	99.0	85.7	98.7	94.9
GRAY STAR (PST-2LGL)	90.7	99.0	91.0	99.0	94.9
HALO (KN42)	94.0	99.0	87.7	98.7	94.8
1G SQUARED (APR 1664)	93.3	99.0	88.3	98.7	94.8
DP 17-9788	91.7	99.0	89.3	99.0	94.8
GRAND SLAM 2 (PST-2GSM)	93.3	99.0	88.3	98.3	94.8
DERBY XTREME (IS-PR 268)	92.3	99.0	88.3	99.0	94.7
ASP6002 (BPR)	91.7	97.7	90.0	98.7	94.5
QUICKSILVER	88.3	99.0	91.7	99.0	94.5
TOP GUN II (JR-324)	95.7	99.0	84.3	99.0	94.5
APR 1670	96.3	99.0	84.3	98.3	94.5
RAD-PR8	93.3	99.0	86.7	98.7	94.4
SILVER DOLLAR	92.3	99.0	87.3	99.0	94.4
PANTHER GLS	95.7	99.0	85.0	97.7	94.3
E-99	94.0	99.0	86.7	97.3	94.3
PINNACLE	90.0	97.7	94.0	95.3	94.3
BRIGHTSTAR SLT	94.7	99.0	84.3	98.7	94.2
BUENA VISTA	95.7	97.7	84.3	99.0	94.2
PST-2BLK	89.0	99.0	90.0	98.7	94.2
SR 4600 (SRX 4SP)	95.7	99.0	83.3	98.7	94.2
REPELL GLS	92.3	97.7	88.3	98.3	94.2
LPR 02203	86.7	99.0	92.3	98.3	94.1
ASP6005 (AJM)	90.0	99.0	88.3	98.7	94.0
FUSION	95.7	99.0	82.3	99.0	94.0
PENTIUM	90.0	99.0	89.0	98.0	94.0
ZOOM (LCK)	92.3	99.0	85.7	99.0	94.0
PHENOM (APR 1660)	92.3	99.0	86.7	97.7	93.9
AFFINITY	85.0	99.0	94.7	96.7	93.8

TABLE 19.  
(CONT'D)

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	MO1	OK1	RI1	MEAN
AF	93.0	99.0	84.0	99.0	93.8
CUTTER II (PM 101)	93.0	99.0	85.0	98.0	93.8
MMW	92.3	99.0	85.0	98.7	93.8
PINNACLE II	88.3	97.7	90.0	99.0	93.8
GL-2	91.7	98.3	86.7	98.0	93.7
PST-217	91.7	99.0	85.0	99.0	93.7
CADDIESHACK II (JR-163)	89.0	99.0	88.3	98.3	93.7
DART (APR 1663)	94.0	99.0	83.7	97.7	93.6
MONTEREY 3 (JR-408)	91.7	99.0	85.0	98.7	93.6
PALACE (IS-PR 273)	94.0	99.0	82.7	98.7	93.6
TRANSFORMER (D04-1667)	94.0	99.0	82.3	99.0	93.6
APR 1648	91.7	99.0	84.0	99.0	93.4
PRESIDIO (CNV)	95.7	97.7	81.7	98.7	93.4
SRX 4682	90.0	99.0	85.7	99.0	93.4
BAR LP 4317	93.3	99.0	82.7	98.0	93.3
CABO II (IS-PR 233)	93.3	99.0	81.7	99.0	93.3
HOMERUN (RG3P)	94.0	99.0	81.0	99.0	93.3
WIND DANCE 2 (PWDR)	91.7	99.0	83.3	99.0	93.3
ES45	92.3	99.0	82.3	98.7	93.1
FIJI (GPR)	93.3	97.7	82.3	99.0	93.1
PREMIER	86.7	97.7	91.7	96.3	93.1
ASP6003 (TRS)	92.3	99.0	81.7	99.0	93.0
BAR LP 4420	94.0	99.0	80.0	99.0	93.0
KOKOMO II (IS-PR 235)	94.0	99.0	80.0	99.0	93.0
PREMIER II	90.0	99.0	85.0	98.0	93.0
PS-2	90.7	99.0	83.3	99.0	93.0
ASP6006 (LPFG)	92.3	97.7	82.7	99.0	92.9
DCM	91.7	99.0	82.3	98.7	92.9
GALATTI (DP 17-9502)	86.7	97.7	88.3	99.0	92.9
KEYSTONE 2 (IS-PR 312)	92.3	99.0	81.7	98.7	92.9
GOALKEEPER II (JR-114)	88.3	97.7	86.7	98.7	92.8
INSPIRE	94.0	98.3	80.0	99.0	92.8
PARAGON GLR	95.0	99.0	78.3	99.0	92.8
PRIMARY (IS-PR 269)	93.3	96.0	83.3	98.7	92.8
ALLSTAR 3 (IS-PR 274)	89.0	97.7	85.0	99.0	92.7
PANTHER	89.0	96.0	86.7	98.3	92.5
PLEASURE SUPREME (PM 103)	93.3	97.7	80.0	99.0	92.5
APPLE GL (AAZ-B104)	94.0	99.0	77.7	99.0	92.4
FIESTA 4 (PICK F4)	91.7	99.0	80.0	99.0	92.4
ATTRIBUTE (IS-PR 270)	91.7	99.0	80.0	98.7	92.3
BREA (04-BRE)	95.0	99.0	76.7	98.3	92.3
ASP6001 (RTS)	90.0	99.0	80.0	99.0	92.0
DP1	90.0	99.0	80.0	99.0	92.0
BAR LP 4920	90.0	97.7	81.7	98.3	91.9
REGAL 5 (IS-PR 271)	91.7	99.0	78.3	98.7	91.9
DELAWARE XL (PICK 01-2)	92.3	99.0	77.3	98.7	91.8

TABLE 19. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	M01	OK1	RI1	MEAN
AMAZING GS (IS-PR 276)	94.0	91.7	82.3	99.0	91.8
HARRIER (SRX 4UP3)	94.0	99.0	75.0	99.0	91.8
EDGE II (AC2)	94.0	97.7	76.7	98.3	91.7
WAYFARER (L44)	90.7	99.0	78.3	98.7	91.7
PM 102	91.7	96.3	80.0	98.7	91.7
HAWKEYE 2 (SRX 4692)	89.0	99.0	81.7	96.3	91.5
RNS	88.3	99.0	80.0	98.7	91.5
TR47	88.3	96.0	83.3	98.3	91.5
VB99	85.0	99.0	82.7	98.7	91.3
MAJESTY II (VB77)	91.7	99.0	75.0	99.0	91.2
REVENGE GLX (JR-348)	93.3	97.7	75.0	98.7	91.2
UNO (D04-11T)	93.3	99.0	73.3	99.0	91.2
DP 17-9499	92.3	99.0	73.3	99.0	90.9
PICK 02-R	89.0	99.0	76.7	98.7	90.8
ASP6004 (EXS54)	88.3	97.7	78.3	99.0	90.8
HEADSTART 2	88.3	97.0	79.3	98.0	90.7
NEXUS XD (SP4)	88.3	97.7	78.3	98.3	90.7
CALYPSO 3 (MS2)	90.7	97.7	75.0	99.0	90.6
STELLAR GL (IS-PR 236)	94.7	96.0	71.7	99.0	90.3
LA QUINTA (JR-255)	86.7	99.0	76.7	98.0	90.1
PIANIST (DP 17-9505)	85.0	99.0	76.7	98.7	89.8
EXACTA II GLSR (LTP-611-GLSR)	93.3	99.0	68.3	98.7	89.8
SUNSHINE 2	88.3	94.3	78.3	98.3	89.8
PROTEGE GLR	90.7	97.7	71.7	99.0	89.8
PALMER IV	82.3	99.0	71.7	99.0	88.0
LINN	83.3	96.0	91.7	80.3	87.8
FIREBOLT (PRG HS-01-09)	60.0	99.0	81.0	97.0	84.3
LSD VALUE	11.0	3.3	13.2	1.4	4.4
C.V. (%)	7.5	2.1	9.8	0.9	5.9

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 MEAN IN EACH COLUMN.



TABLE 20. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	M01	OK1	SD1	MEAN
DCM	91.3	73.3	97.0	87.2
E-99	86.3	78.3	93.0	85.9
PANTHER GLS	96.3	61.7	95.7	84.6
APPLE GL (AAZ-B104)	90.0	66.7	96.0	84.2
APR 1648	76.7	78.3	95.0	83.3
SECRETARIAT II GLSR (LTP-101-GLSR)	91.7	70.0	87.7	83.1
PENTIUM	81.7	75.0	91.7	82.8
KOKOMO II (IS-PR 235)	88.3	66.7	93.3	82.8
HAWKEYE 2 (SRX 4692)	96.3	58.3	93.3	82.7
PALMER IV	84.7	68.3	94.7	82.6
ALLSTAR 3 (IS-PR 274)	84.7	78.3	84.0	82.3
DEFENDER (D04-UP)	81.7	71.7	93.3	82.2
HARRIER (SRX 4UP3)	88.3	61.7	95.0	81.7
PARAGON GLR	85.0	65.0	94.7	81.6
KEYSTONE 2 (IS-PR 312)	83.3	65.0	95.0	81.1
MMW	68.3	78.3	96.3	81.0
UNO (D04-11T)	83.3	70.0	89.3	80.9
BRIGHTSTAR SLT	86.3	71.7	84.0	80.7
LINE DRIVE GLS (APR 1797)	81.3	66.7	93.7	80.6
PLEASURE SUPREME (PM 103)	86.7	66.7	87.7	80.3
GRAND SLAM 2 (PST-2GSM)	90.0	68.3	81.7	80.0
BUENA VISTA	71.7	71.7	96.0	79.8
CITATION FORE	80.0	68.3	90.7	79.7
SILVER DOLLAR	86.7	60.0	91.7	79.4
GL-2	85.0	61.7	91.7	79.4
EXACTA II GLSR (LTP-611-GLSR)	65.0	76.7	95.7	79.1
GOALKEEPER II (JR-114)	89.7	66.7	81.0	79.1
EDGE II (AC2)	79.7	65.0	92.3	79.0
PALACE (IS-PR 273)	88.0	60.0	89.0	79.0
OVERDRIVE	81.7	66.7	88.3	78.9
BAR LP 4317	78.3	65.0	93.3	78.9
AF	81.3	71.7	83.0	78.7
DART (APR 1663)	83.3	56.7	95.7	78.6
FIREBOLT (PRG HS-01-09)	94.7	56.7	83.3	78.2
CADDIESHACK II (JR-163)	76.3	63.3	95.0	78.2
RNS	76.3	65.0	93.3	78.2
STELLAR GL (IS-PR 236)	69.7	71.7	92.7	78.0
MANHATTAN 5 GLR (PST-2AM)	81.7	70.0	81.7	77.8
ASP6001 (RTS)	86.7	60.0	85.0	77.2
PRIMARY (IS-PR 269)	80.0	55.0	96.7	77.2
REPELL GLS	73.3	66.7	91.7	77.2
RINGER II (04-BEN)	75.0	70.0	86.7	77.2
AMAZING GS (IS-PR 276)	78.3	70.0	83.3	77.2
REVENGE GLX (JR-348)	81.7	68.3	81.0	77.0
MACH I	85.0	51.7	94.0	76.9
CUTTER II (PM 101)	88.0	56.7	85.7	76.8

TABLE 20.  
(CONT'D)

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	M01	OK1	SD1	MEAN
ZOOM (LCK)	65.0	68.3	97.0	76.8
PST-2LAN	65.0	73.3	90.7	76.3
ACCENT II (JR-119)	80.0	58.3	90.0	76.1
GRAY STAR (PST-2LGL)	66.7	68.3	93.3	76.1
PINNACLE	83.3	50.0	95.0	76.1
FUSION	73.3	58.3	95.0	75.6
RAD-PR8	71.7	61.7	93.3	75.6
SRX 4682	76.7	60.0	89.7	75.4
HEADSTART 2	76.3	63.3	86.3	75.3
PALMER III	81.7	51.7	92.3	75.2
SUNSHINE 2	78.3	53.3	93.0	74.9
APR 1670	81.7	56.7	85.7	74.7
PM 102	78.3	60.0	85.7	74.7
PRESIDIO (CNV)	75.0	66.7	81.7	74.4
BAR LP 4920	74.7	58.3	90.0	74.3
DO4-LP05	83.3	65.0	73.3	73.9
VB99	61.7	63.3	96.3	73.8
HOMERUN (RG3P)	80.0	50.0	90.7	73.6
DELAWARE XL (PICK 01-2)	68.3	60.0	91.7	73.3
PIZZAZZ	76.7	73.3	70.0	73.3
BARLENNIUM	74.7	61.7	83.3	73.2
FIJI (GPR)	78.3	68.3	72.3	73.0
PINNACLE II	66.7	61.7	90.7	73.0
MAJESTY II (VB77)	66.7	55.0	96.7	72.8
TRANSFORMER (D04-1667)	83.3	65.0	70.0	72.8
DERBY XTREME (IS-PR 268)	60.0	65.0	92.3	72.4
QUICKSILVER	61.7	61.7	94.0	72.4
PST-2AG4	84.7	66.7	65.0	72.1
DASHER 3 (PICK RB-1)	71.7	65.0	79.0	71.9
PREMIER	73.3	46.7	95.7	71.9
PST-217	60.0	65.0	90.7	71.9
1G SQUARED (APR 1664)	46.7	71.7	96.0	71.4
PREMIER II	66.3	53.3	94.7	71.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	75.0	60.0	79.0	71.3
NEXUS XD (SP4)	63.3	56.7	93.3	71.1
PST-2BLK	76.7	63.3	73.3	71.1
SR 4600 (SRX 4SP)	60.0	65.0	88.3	71.1
PS-2	68.3	53.3	90.0	70.6
ASP6002 (BPR)	86.3	56.7	68.3	70.4
ASP6004 (EXS54)	56.7	63.3	90.7	70.2
CABO II (IS-PR 233)	53.3	66.7	90.7	70.2
DP 17-9499	63.3	53.3	94.0	70.2
GALATTI (DP 17-9502)	65.0	55.0	90.7	70.2
GRAY FOX (PST-2MNG)	63.3	66.7	80.7	70.2
PHENOM (APR 1660)	66.7	60.0	84.0	70.2
NEXUS XR (SNR)	63.3	70.0	75.7	69.7

TABLE 20. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	M01	OK1	SD1	MEAN
PICK 02-R	65.0	55.0	88.3	69.4
REGAL 5 (IS-PR 271)	68.0	53.3	85.7	69.0
ES45	65.0	66.7	75.0	68.9
WAYFARER (L44)	60.0	56.7	90.0	68.9
BAR LP 4420	64.7	50.0	91.0	68.6
CALYPSO 3 (MS2)	60.0	51.7	94.0	68.6
LPR 02203	83.3	60.0	61.7	68.3
FIESTA 4 (PICK F4)	50.0	61.7	92.3	68.0
INSPIRE	61.7	53.3	89.0	68.0
WIND DANCE 2 (PWDR)	65.0	61.7	77.3	68.0
ASP6003 (TRS)	60.0	61.7	81.7	67.8
DP 17-9788	75.0	50.0	78.3	67.8
HALO (KN42)	48.3	66.7	87.3	67.4
ASP6006 (LPFG)	45.0	65.0	90.7	66.9
ASP6005 (AJM)	46.7	63.3	90.0	66.7
LA QUINTA (JR-255)	53.3	63.3	83.3	66.7
BREA (04-BRE)	71.3	50.0	78.3	66.6
MONTEREY 3 (JR-408)	66.7	73.3	59.0	66.3
TOP GUN II (JR-324)	55.0	58.3	85.0	66.1
PROTEGE GLR	70.0	60.0	65.0	65.0
TR47	43.3	60.0	91.7	65.0
ATTRIBUTE (IS-PR 270)	58.3	66.7	65.7	63.6
AFFINITY	51.7	45.0	92.3	63.0
DP1	60.0	58.3	64.0	60.8
PANTHER	58.3	48.3	75.0	60.6
PIANIST (DP 17-9505)	61.7	58.3	50.0	56.7
LINN	28.3	51.7	75.7	51.9
LSD VALUE	33.2	19.3	27.3	15.7
C.V. (%)	28.4	19.1	19.6	22.8

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 MEAN IN EACH COLUMN.

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MA1	MI1	MO1	OK1	SD1	VA1	MEAN
PST-2LAN	88.3	97.0	70.0	33.3	82.7	90.0	76.9
LINE DRIVE GLS (APR 1797)	86.7	97.0	68.3	21.0	93.3	88.3	75.8
MMW	76.7	97.0	48.3	41.7	92.3	88.3	74.1
DEFENDER (D04-UP)	86.7	97.0	68.3	20.7	89.0	80.0	73.6
E-99	85.0	96.0	56.7	25.0	88.3	88.3	73.2
AF	81.7	97.0	63.3	29.3	78.3	88.3	73.0
GRAY STAR (PST-2LGL)	88.3	95.7	60.0	15.7	88.3	86.7	72.4
BAR LP 4317	81.7	97.7	65.0	16.7	90.3	81.7	72.2
BUENA VISTA	88.3	97.7	50.0	16.7	93.3	85.0	71.8
CITATION FORE	80.0	96.7	60.0	13.7	86.7	93.3	71.7
APPLE GL (AAZ-B104)	83.3	96.0	60.0	9.0	91.7	90.0	71.7
KOKOMO II (IS-PR 235)	85.0	96.7	58.3	12.7	90.7	86.7	71.7
DCM	81.7	97.0	60.0	14.0	92.7	83.3	71.4
MANHATTAN 5 GLR (PST-2AM)	88.3	94.3	66.7	24.0	66.7	88.3	71.4
RAD-PR8	88.3	97.3	50.0	11.0	92.3	88.3	71.2
ZOOM (LCK)	88.3	97.7	45.0	14.0	95.3	86.7	71.2
UNO (D04-11T)	88.3	92.3	48.3	23.3	88.7	85.0	71.0
ALLSTAR 3 (IS-PR 274)	90.0	97.3	45.0	25.0	80.0	88.3	70.9
PRIMARY (IS-PR 269)	85.0	95.3	53.3	12.3	94.3	85.0	70.9
SECRETARIAT II GLSR (LTP-101-GLSR)	88.3	92.7	60.0	13.3	87.3	83.3	70.8
KEYSTONE 2 (IS-PR 312)	90.0	85.3	60.0	13.3	89.3	86.3	70.7
DERBY XTREME (IS-PR 268)	93.0	95.3	45.0	15.7	88.3	86.7	70.7
EXACTA II GLSR (LTP-611-GLSR)	91.3	95.0	43.3	20.0	91.0	83.3	70.7
GRAND SLAM 2 (PST-2GSM)	85.0	97.0	61.7	17.3	72.0	90.0	70.5
INSPIRE	85.0	97.3	61.7	7.3	83.3	88.3	70.5
SILVER DOLLAR	88.3	86.0	56.7	15.0	85.7	91.3	70.5
PANTHER GLS	88.3	96.0	58.3	7.3	92.3	80.0	70.4
CADDIESHACK II (JR-163)	76.7	96.3	60.0	9.7	90.7	86.3	69.9
HARRIER (SRX 4UP3)	88.3	96.7	51.7	7.0	90.0	85.0	69.8
STELLAR GL (IS-PR 236)	83.3	97.0	53.3	9.0	89.0	86.7	69.7
PALACE (IS-PR 273)	91.7	95.0	60.0	5.0	81.0	85.0	69.6
BARLENNIUM	83.3	97.0	56.7	9.0	83.3	88.3	69.6
FIESTA 4 (PICK F4)	91.7	96.7	40.0	14.0	85.0	90.0	69.6
RINGER II (04-BEN)	86.7	98.0	60.0	11.7	74.0	86.7	69.5
PREMIER	75.0	96.3	58.3	6.7	91.7	88.3	69.4
PLEASURE SUPREME (PM 103)	75.0	96.3	63.3	3.7	87.7	90.0	69.3
PARAGON GLR	75.0	97.3	53.3	15.0	86.7	88.3	69.3
PST-217	83.3	97.3	45.0	14.3	84.0	90.0	69.0
RNS	86.7	97.7	48.3	8.0	88.3	85.0	69.0
VB99	80.0	97.0	53.3	3.3	93.7	85.0	68.7
DART (APR 1663)	81.7	94.3	55.0	7.3	90.7	83.3	68.7
ACCENT II (JR-119)	83.3	98.0	53.3	6.7	87.3	83.3	68.7
CALYPSO 3 (MS2)	88.3	95.0	53.3	4.7	87.3	83.3	68.7
REGAL 5 (IS-PR 271)	85.0	97.3	45.0	7.3	88.3	88.3	68.6
MAJESTY II (VB77)	80.0	97.7	43.3	7.0	94.3	88.3	68.4
EDGE II (AC2)	83.3	96.3	55.0	4.7	86.0	85.0	68.4

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MA1	MI1	MO1	OK1	SD1	VA1	MEAN
FIJI (GPR)	90.0	97.3	50.0	12.7	78.3	81.7	68.3
HAWKEYE 2 (SRX 4692)	90.0	96.7	48.3	7.7	79.0	88.3	68.3
PS-2	83.3	97.0	46.7	6.3	90.0	85.0	68.1
SR 4600 (SRX 4SP)	88.3	97.7	43.3	6.7	83.3	88.3	67.9
APR 1648	90.0	81.7	53.3	9.0	91.7	81.7	67.9
CABO II (IS-PR 233)	85.0	97.7	41.7	4.3	91.7	86.7	67.8
GL-2	76.7	97.0	50.0	13.3	85.0	85.0	67.8
OVERDRIVE	73.3	97.0	56.7	5.0	87.7	86.7	67.7
ASP6001 (RTS)	91.7	95.7	53.3	7.7	79.0	78.3	67.6
AMAZING GS (IS-PR 276)	76.7	84.3	65.0	15.0	79.3	85.0	67.6
CUTTER II (PM 101)	85.0	97.3	45.0	4.7	83.3	90.0	67.6
HEADSTART 2	80.0	91.7	60.0	3.7	85.0	85.0	67.6
REPELL GLS	85.0	89.3	46.7	11.3	89.0	83.3	67.4
PHENOM (APR 1660)	78.3	97.7	43.3	20.0	80.0	85.0	67.4
WIND DANCE 2 (PWDR)	85.0	95.0	61.7	10.0	71.0	81.7	67.4
PST-2BLK	88.3	95.7	56.7	16.7	58.3	88.3	67.3
REVENGE GLX (JR-348)	91.7	98.0	43.3	20.7	65.0	85.0	67.3
TRANSFORMER (D04-1667)	80.0	97.0	55.0	20.0	65.0	86.7	67.3
1G SQUARED (APR 1664)	81.7	97.7	33.3	15.7	91.7	83.3	67.2
HOMERUN (RG3P)	75.0	98.0	51.7	3.7	84.3	88.3	66.8
PREMIER II	85.0	82.0	51.7	5.3	91.7	85.0	66.8
FUSION	86.7	74.7	58.3	5.7	90.0	85.0	66.7
PENTIUM	86.7	75.3	48.3	8.7	92.7	88.3	66.7
PRESIDIO (CNV)	85.0	97.7	41.7	5.7	81.7	88.3	66.7
DASHER 3 (PICK RB-1)	85.0	95.7	45.0	16.7	66.7	88.3	66.2
PINNACLE	70.0	97.3	55.0	3.0	91.7	80.0	66.2
APR 1670	80.0	96.7	38.3	13.3	80.0	88.3	66.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	86.7	80.7	58.3	9.0	73.3	88.3	66.1
NEXUS XD (SP4)	81.7	90.0	48.3	8.3	83.3	83.3	65.8
BRIGHTSTAR SLT	73.3	95.3	53.3	5.3	78.3	88.3	65.7
DP 17-9499	85.0	88.3	46.7	1.0	90.7	81.7	65.6
GALATTI (DP 17-9502)	71.7	92.7	56.7	5.3	85.0	81.7	65.5
ASP6004 (EXS54)	83.3	97.7	31.7	8.3	85.0	86.7	65.4
ASP6005 (AJM)	86.7	96.3	40.0	7.3	77.3	85.0	65.4
LA QUINTA (JR-255)	76.7	95.7	46.7	7.0	78.3	88.3	65.4
SUNSHINE 2	83.3	95.0	35.0	2.7	88.3	88.3	65.4
PALMER IV	73.3	97.3	36.7	11.3	88.3	85.0	65.3
WAYFARER (L44)	83.3	96.3	41.7	1.3	83.3	85.0	65.2
GOALKEEPER II (JR-114)	80.0	95.0	60.0	6.0	61.7	86.7	64.9
AFFINITY	80.0	98.0	31.7	2.7	93.3	83.3	64.8
QUICKSILVER	90.0	75.0	41.7	14.0	88.3	80.0	64.8
SRX 4682	75.0	95.7	38.3	20.0	80.7	78.3	64.7
DELAWARE XL (PICK 01-2)	80.0	95.0	45.0	6.0	85.0	76.7	64.6
MONTEREY 3 (JR-408)	83.3	95.7	56.7	6.7	58.3	85.0	64.3
BAR LP 4420	70.0	97.0	45.0	5.0	86.7	81.7	64.2
PST-2AG4	81.7	97.7	38.3	20.7	61.7	85.0	64.2

TABLE 21. PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MA1	MI1	MO1	OK1	SD1	VA1	MEAN
MACH I	76.7	97.0	36.7	2.0	92.3	78.3	63.8
TOP GUN II (JR-324)	80.0	97.3	35.0	6.7	77.3	86.7	63.8
PM 102	73.3	73.3	63.3	5.0	80.7	86.7	63.7
D04-LP05	83.3	97.0	36.7	18.3	57.3	88.3	63.5
BREA (04-BRE)	78.3	96.0	53.3	2.7	61.7	88.3	63.4
PINNACLE II	75.0	96.3	33.3	10.0	82.3	83.3	63.4
ATTRIBUTE (IS-PR 270)	85.0	98.0	46.7	13.3	53.3	81.7	63.0
PROTEGE GLR	88.3	92.0	43.3	6.7	60.7	86.7	62.9
PALMER III	78.3	96.7	36.7	5.3	83.3	76.7	62.8
TR47	88.3	85.0	30.0	7.3	85.0	80.0	62.6
ASP6006 (LPFG)	78.3	96.3	26.7	8.0	84.3	81.7	62.6
ASP6003 (TRS)	83.3	95.3	33.3	7.7	69.3	85.0	62.3
DP1	81.7	97.7	36.7	6.0	63.3	86.7	62.0
FIREBOLT (PRG HS-01-09)	71.7	78.3	51.7	3.7	80.0	86.7	62.0
NEXUS XR (SNR)	86.7	87.7	48.3	9.0	63.3	76.7	61.9
HALO (KN42)	78.3	71.7	43.3	10.0	86.7	80.0	61.7
ASP6002 (BPR)	73.3	94.0	51.7	4.3	63.3	81.7	61.4
DP 17-9788	75.0	82.0	41.7	9.0	73.3	83.3	60.7
GRAY FOX (PST-2MNG)	83.3	71.3	43.3	16.7	58.3	88.3	60.2
ES45	78.3	74.0	35.0	4.0	74.3	85.0	58.4
BAR LP 4920	73.3	75.0	26.7	3.7	79.3	90.0	58.0
PIZZAZZ	73.3	97.3	26.7	5.3	63.3	76.7	57.1
PICK 02-R	58.3	87.3	38.3	2.0	71.7	76.7	55.7
PIANIST (DP 17-9505)	85.0	82.0	45.0	4.0	36.7	81.7	55.7
PANTHER	65.0	95.3	26.7	1.0	63.3	81.7	55.5
LPR 02203	66.7	76.7	51.7	2.3	53.3	75.0	54.3
LINN	20.0	91.7	20.0	1.0	40.0	38.3	35.2
LSD VALUE	13.5	21.5	29.8	14.4	31.7	13.6	9.0
C.V. (%)	10.3	14.4	38.0	86.0	24.4	10.0	20.6

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 MEAN IN EACH COLUMN.

TABLE 22.

WINTER COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

## WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	OK1	VA1	MEAN	NAME	OK1	VA1	MEAN
DERBY XTREME (IS-PR 268)	4.7	8.0	6.3	PANTHER GLS	4.0	7.3	5.7
EXACTA II GLSR (LTP-611-GLSR)	5.0	7.7	6.3	PARAGON GLR	4.3	7.0	5.7
DP1	5.3	7.0	6.2	PST-2AG4	4.3	7.0	5.7
PROTEGE GLR	5.0	7.3	6.2	AF	4.3	6.7	5.5
RNS	5.0	7.3	6.2	ASP6002 (BPR)	4.0	7.0	5.5
STELLAR GL (IS-PR 236)	5.0	7.3	6.2	ASP6003 (TRS)	4.3	6.7	5.5
UNO (D04-11T)	5.0	7.3	6.2	ATTRIBUTE (IS-PR 270)	4.3	6.7	5.5
ALLSTAR 3 (IS-PR 274)	4.7	7.3	6.0	D04-LP05	4.3	6.7	5.5
AMAZING GS (IS-PR 276)	4.7	7.3	6.0	DEFENDER (D04-UP)	4.0	7.0	5.5
CUTTER II (PM 101)	5.3	6.7	6.0	FUSION	4.0	7.0	5.5
FIESTA 4 (PICK F4)	4.7	7.3	6.0	KEYSTONE 2 (IS-PR 312)	4.0	7.0	5.5
KOKOMO II (IS-PR 235)	4.7	7.3	6.0	WAYFARER (L44)	3.7	7.3	5.5
MAJESTY II (VB77)	5.0	7.0	6.0	MMW	4.3	6.7	5.5
PALACE (IS-PR 273)	4.7	7.3	6.0	OVERDRIVE	4.3	6.7	5.5
PALMER IV	5.0	7.0	6.0	PINNACLE II	4.0	7.0	5.5
PICK 02-R	5.0	7.0	6.0	REPELL GLS	4.0	7.0	5.5
PM 102	4.7	7.3	6.0	GRAND SLAM 2 (PST-2GSM)	4.0	6.7	5.3
SILVER DOLLAR	4.7	7.3	6.0	GRAY STAR (PST-2LGL)	4.0	6.7	5.3
APR 1648	4.7	7.0	5.8	LA QUINTA (JR-255)	4.0	6.7	5.3
ASP6004 (EXS54)	4.7	7.0	5.8	MACH I	4.0	6.7	5.3
BUENA VISTA	4.7	7.0	5.8	QUICKSILVER	4.0	6.7	5.3
CABO II (IS-PR 233)	5.0	6.7	5.8	TR47	4.0	6.7	5.3
PIZZAZZ	4.7	7.0	5.8	WIND DANCE 2 (PWDR)	4.0	6.7	5.3
REGAL 5 (IS-PR 271)	4.7	7.0	5.8	BRIGHTSTAR SLT	4.3	6.3	5.3
REVENGE GLX (JR-348)	4.7	7.0	5.8	DCM	4.3	6.3	5.3
SUNSHINE 2	4.7	7.0	5.8	FIREBOLT (PRG HS-01-09)	4.3	6.3	5.3
VB99	4.7	7.0	5.8	HEADSTART 2	4.3	6.3	5.3
CALYPSO 3 (MS2)	4.3	7.3	5.8	NEXUS XR (SNR)	4.3	6.3	5.3
FIJI (GPR)	4.3	7.3	5.8	PHENOM (APR 1660)	3.7	7.0	5.3
HALO (KN42)	4.3	7.3	5.8	PLEASURE SUPREME (PM 103)	4.3	6.3	5.3
PRESIDIO (CNV)	4.3	7.3	5.8	PST-2BLK	4.3	6.3	5.3
SR 4600 (SRX 4SP)	4.3	7.3	5.8	BREA (04-BRE)	4.7	5.7	5.2
ZOOM (LCK)	4.3	7.3	5.8	CHARISMATIC II GLSR (LTP-PG-GLSR)	3.7	6.7	5.2
CITATION FORE	4.7	6.7	5.7	HOMERUN (RG3P)	3.7	6.7	5.2
DASHER 3 (PICK RB-1)	4.7	6.7	5.7	SECRETARIAT II GLSR (LTP-101-GLSR)	3.3	7.0	5.2
NEXUS XD (SP4)	4.7	6.7	5.7	TRANSFORMER (D04-1667)	3.7	6.7	5.2
APPLE GL (AAZ-B104)	4.3	7.0	5.7	BAR LP 4920	4.0	6.3	5.2
ASP6001 (RTS)	4.3	7.0	5.7	EDGE II (AC2)	4.0	6.3	5.2
ASP6005 (AJM)	4.0	7.3	5.7	GALATTI (DP 17-9502)	4.0	6.3	5.2
ASP6006 (LPFG)	4.3	7.0	5.7	GRAY FOX (PST-2MNG)	4.0	6.3	5.2
DELAWARE XL (PICK 01-2)	4.3	7.0	5.7	PIANIST (DP 17-9505)	4.0	6.3	5.2
DP 17-9499	5.0	6.3	5.7	PRIMARY (IS-PR 269)	4.0	6.3	5.2
ES45	5.0	6.3	5.7	PST-217	4.0	6.3	5.2
GL-2	4.3	7.0	5.7	RAD-PR8	4.0	6.3	5.2
HARRIER (SRX 4UP3)	4.0	7.3	5.7	TOP GUN II (JR-324)	4.0	6.3	5.2
				APR 1670	4.0	6.0	5.0

TABLE 22. WINTER COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	OK1	VA1	MEAN
DART (APR 1663)	4.0	6.0	5.0
HAWKEYE 2 (SRX 4692)	4.0	6.0	5.0
LINE DRIVE GLS (APR 1797)	3.7	6.3	5.0
PENTIUM	4.0	6.0	5.0
PS-2	4.0	6.0	5.0
SRX 4682	3.7	6.3	5.0
1G SQUARED (APR 1664)	4.0	5.7	4.8
GOALKEEPER II (JR-114)	4.0	5.7	4.8
MONTEREY 3 (JR-408)	4.0	5.7	4.8
PREMIER II	4.0	5.7	4.8
RINGER II (04-BEN)	4.0	5.7	4.8
BAR LP 4420	4.3	5.3	4.8
INSPIRE	3.7	6.0	4.8
MANHATTAN 5 GLR (PST-2AM)	3.3	6.3	4.8
AFFINITY	3.7	5.7	4.7
PST-2LAN	3.3	6.0	4.7
ACCENT II (JR-119)	4.0	5.3	4.7
BAR LP 4317	4.0	5.3	4.7
E-99	4.0	5.3	4.7
PALMER III	4.0	5.3	4.7
PANTHER	4.0	5.3	4.7
BARLENNIUM	4.0	5.0	4.5
CADDIESHACK II (JR-163)	3.3	5.7	4.5
DP 17-9788	3.3	5.7	4.5
LPR 02203	3.7	5.3	4.5
PREMIER	3.7	5.0	4.3
PINNACLE	3.3	5.0	4.2
LINN	3.3	4.0	3.7
LSD VALUE	0.9	1.1	0.7
C.V. (%)	13.1	10.9	11.8

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 MEAN IN EACH COLUMN.



TABLE 23. PERCENT WINTER KILL RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	SD1	NAME	SD1
AF	80.0	LA QUINTA (JR-255)	66.7
ATTRIBUTE (IS-PR 270)	76.7	LINN	66.7
GRAY FOX (PST-2MNG)	76.7	MMW	66.7
LPR 02203	76.7	PALMER III	66.7
MONTEREY 3 (JR-408)	76.7	PANTHER	66.7
PIZZAZZ	76.7	PLEASURE SUPREME (PM 103)	66.7
PRESIDIO (CNV)	76.7	PS-2	66.7
PST-2BLK	76.7	QUICKSILVER	66.7
ALLSTAR 3 (IS-PR 274)	73.3	UNO (D04-11T)	66.7
ASP6002 (BPR)	73.3	APR 1670	63.3
CUTTER II (PM 101)	73.3	BRIGHTSTAR SLT	63.3
D04-LP05	73.3	BUENA VISTA	63.3
MANHATTAN 5 GLR (PST-2AM)	73.3	CALYPSO 3 (MS2)	63.3
PIANIST (DP 17-9505)	73.3	DART (APR 1663)	63.3
PST-217	73.3	DASHER 3 (PICK RB-1)	63.3
ACCENT II (JR-119)	70.0	DEFENDER (D04-UP)	63.3
AMAZING GS (IS-PR 276)	70.0	E-99	63.3
ASP6001 (RTS)	70.0	EXACTA II GLSR (LTP-611-GLSR)	63.3
ASP6003 (TRS)	70.0	FIREBOLT (PRG HS-01-09)	63.3
BAR LP 4420	70.0	KEYSTONE 2 (IS-PR 312)	63.3
BAR LP 4920	70.0	KOKOMO II (IS-PR 235)	63.3
BARLENNIUM	70.0	NEXUS XD (SP4)	63.3
BREA (04-BRE)	70.0	NEXUS XR (SNR)	63.3
CITATION FORE	70.0	PALACE (IS-PR 273)	63.3
ES45	70.0	PANTHER GLS	63.3
GRAND SLAM 2 (PST-2GSM)	70.0	PHENOM (APR 1660)	63.3
WAYFARER (L44)	70.0	PROTEGE GLR	63.3
PST-2AG4	70.0	REGAL 5 (IS-PR 271)	63.3
REVENGE GLX (JR-348)	70.0	RINGER II (04-BEN)	63.3
SECRETARIAT II GLSR (LTP-101-GLSR)	70.0	SR 4600 (SRX 4SP)	63.3
STELLAR GL (IS-PR 236)	70.0	TRANSFORMER (D04-1667)	63.3
TOP GUN II (JR-324)	70.0	ASP6005 (AJM)	60.0
TR47	70.0	CADDIESHACK II (JR-163)	60.0
AFFINITY	66.7	CHARISMATIC II GLSR (LTP-PG-GLSR)	60.0
ASP6004 (EXS54)	66.7	DERBY XTREME (IS-PR 268)	60.0
ASP6006 (LPFG)	66.7	DP 17-9499	60.0
DELAWARE XL (PICK 01-2)	66.7	DP 17-9788	60.0
DP1	66.7	GRAY STAR (PST-2LGL)	60.0
FIESTA 4 (PICK F4)	66.7	MACH I	60.0
FIJI (GPR)	66.7	PARAGON GLR	60.0
FUSION	66.7	PINNACLE II	60.0
GALATTI (DP 17-9502)	66.7	RAD-PR8	60.0
GOALKEEPER II (JR-114)	66.7	REPELL GLS	60.0
HALO (KN42)	66.7	RNS	60.0
HAWKEYE 2 (SRX 4692)	66.7	SUNSHINE 2	60.0
HOMERUN (RG3P)	66.7	VB99	60.0

TABLE 23. PERCENT WINTER KILL RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	SD1
WIND DANCE 2 (PWDR)	60.0
APPLE GL (AAZ-B104)	56.7
CABO II (IS-PR 233)	56.7
GL-2	56.7
HARRIER (SRX 4UP3)	56.7
INSPIRE	56.7
LINE DRIVE GLS (APR 1797)	56.7
OVERDRIVE	56.7
PALMER IV	56.7
PENTIUM	56.7
PICK 02-R	56.7
PM 102	56.7
PRIMARY (IS-PR 269)	56.7
SILVER DOLLAR	56.7
SRX 4682	56.7
1G SQUARED (APR 1664)	53.3
APR 1648	53.3
BAR LP 4317	53.3
DCM	53.3
EDGE II (AC2)	53.3
HEADSTART 2	53.3
MAJESTY II (VB77)	53.3
PINNACLE	53.3
PREMIER II	53.3
PST-2LAN	53.3
ZOOM (LCK)	53.3
PREMIER	50.0
LSD VALUE	19.7
C.V. (%)	19.0

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 MEAN IN EACH COLUMN.

TABLE 24.

TYPHULA BLIGHT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MA1	NAME	MA1
SILVER DOLLAR	7.0	INSPIRE	5.7
BARLENNIUM	6.7	PINNACLE II	5.7
DART (APR 1663)	6.7	PS-2	5.7
DERBY XTREME (IS-PR 268)	6.7	PST-2AG4	5.7
OVERDRIVE	6.7	REVENGE GLX (JR-348)	5.7
PST-217	6.7	RINGER II (04-BEN)	5.7
UNO (D04-11T)	6.7	SR 4600 (SRX 4SP)	5.7
ACCENT II (JR-119)	6.3	ZOOM (LCK)	5.7
ASP6003 (TRS)	6.3	AMAZING GS (IS-PR 276)	5.3
CITATION FORE	6.3	ASP6001 (RTS)	5.3
DASHER 3 (PICK RB-1)	6.3	ASP6006 (LPFG)	5.3
HOMERUN (RG3P)	6.3	BAR LP 4317	5.3
KEYSTONE 2 (IS-PR 312)	6.3	DP 17-9788	5.3
MACH I	6.3	EDGE II (AC2)	5.3
PROTEGE GLR	6.3	FIJI (GPR)	5.3
VB99	6.3	GALATTI (DP 17-9502)	5.3
AF	6.0	GRAY FOX (PST-2MNG)	5.3
APPLE GL (AAZ-B104)	6.0	HEADSTART 2	5.3
APR 1648	6.0	LA QUINTA (JR-255)	5.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	MAJESTY II (VB77)	5.3
D04-LP05	6.0	PALACE (IS-PR 273)	5.3
DCM	6.0	PALMER III	5.3
DEFENDER (D04-UP)	6.0	PANTHER	5.3
GL-2	6.0	PARAGON GLR	5.3
HALO (KN42)	6.0	PIZZAZZ	5.3
KOKOMO II (IS-PR 235)	6.0	PREMIER	5.3
LINE DRIVE GLS (APR 1797)	6.0	PREMIER II	5.3
PHENOM (APR 1660)	6.0	PRESIDIO (CNV)	5.3
PM 102	6.0	PST-2LAN	5.3
SRX 4682	6.0	QUICKSILVER	5.3
TOP GUN II (JR-324)	6.0	RAD-PR8	5.3
TRANSFORMER (D04-1667)	6.0	REPELL GLS	5.3
AFFINITY	5.7	TR47	5.3
ALLSTAR 3 (IS-PR 274)	5.7	1G SQUARED (APR 1664)	5.0
APR 1670	5.7	BAR LP 4920	5.0
ASP6004 (EXS54)	5.7	BRIGHTSTAR SLT	5.0
ATTRIBUTE (IS-PR 270)	5.7	CALYPSO 3 (MS2)	5.0
BREA (04-BRE)	5.7	CUTTER II (PM 101)	5.0
BUENA VISTA	5.7	DP 17-9499	5.0
CABO II (IS-PR 233)	5.7	ES45	5.0
DELAWARE XL (PICK 01-2)	5.7	FIREBOLT (PRG HS-01-09)	5.0
E-99	5.7	HARRIER (SRX 4UP3)	5.0
FIESTA 4 (PICK F4)	5.7	WAYFARER (L44)	5.0
FUSION	5.7	MANHATTAN 5 GLR (PST-2AM)	5.0
GRAND SLAM 2 (PST-2GSM)	5.7	MMW	5.0
		MONTEREY 3 (JR-408)	5.0

TABLE 24. TYPHULA BLIGHT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MA1
NEXUS XD (SP4)	5.0
NEXUS XR (SNR)	5.0
PALMER IV	5.0
PANTHER GLS	5.0
PICK 02-R	5.0
PINNACLE	5.0
PLEASURE SUPREME (PM 103)	5.0
PST-2BLK	5.0
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0
STELLAR GL (IS-PR 236)	5.0
ASP6005 (AJM)	4.7
CADDIESHACK II (JR-163)	4.7
DP1	4.7
LPR 02203	4.7
PENTIUM	4.7
PIANIST (DP 17-9505)	4.7
PRIMARY (IS-PR 269)	4.7
REGAL 5 (IS-PR 271)	4.7
WIND DANCE 2 (PWDR)	4.7
ASP6002 (BPR)	4.3
EXACTA II GLSR (LTP-611-GLSR)	4.3
GOALKEEPER II (JR-114)	4.3
HAWKEYE 2 (SRX 4692)	4.3
RNS	4.3
SUNSHINE 2	4.3
BAR LP 4420	4.0
GRAY STAR (PST-2LGL)	4.0
LINN	2.7
LSD VALUE	1.4
C.V. (%)	16.3

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

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

TABLE 25.

STEM RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

## STEM RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	OK1	NAME	OK1
APR 1648	8.0	DASHER 3 (PICK RB-1)	6.3
DP1	8.0	FIESTA 4 (PICK F4)	6.3
EXACTA II GLSR (LTP-611-GLSR)	7.7	HALO (KN42)	6.3
GRAY STAR (PST-2LGL)	7.7	KEYSTONE 2 (IS-PR 312)	6.3
NEXUS XD (SP4)	7.7	NEXUS XR (SNR)	6.3
STELLAR GL (IS-PR 236)	7.7	PALMER IV	6.3
ZOOM (LCK)	7.7	PARAGON GLR	6.3
ALLSTAR 3 (IS-PR 274)	7.3	PICK 02-R	6.3
ATTRIBUTE (IS-PR 270)	7.3	PINNACLE	6.3
DEFENDER (D04-UP)	7.3	PST-2BLK	6.3
MANHATTAN 5 GLR (PST-2AM)	7.3	REPELL GLS	6.3
MMW	7.3	SR 4600 (SRX 4SP)	6.3
PHENOM (APR 1660)	7.3	SUNSHINE 2	6.3
PST-2AG4	7.3	TRANSFORMER (D04-1667)	6.3
QUICKSILVER	7.3	1G SQUARED (APR 1664)	6.0
REGAL 5 (IS-PR 271)	7.3	ACCENT II (JR-119)	6.0
RNS	7.3	ASP6005 (AJM)	6.0
AF	7.0	BAR LP 4420	6.0
AMAZING GS (IS-PR 276)	7.0	CALYPSO 3 (MS2)	6.0
APPLE GL (AAZ-B104)	7.0	DERBY XTREME (IS-PR 268)	6.0
ASP6006 (LPFG)	7.0	EDGE II (AC2)	6.0
BAR LP 4920	7.0	FIJI (GPR)	6.0
E-99	7.0	FUSION	6.0
ES45	7.0	GALATTI (DP 17-9502)	6.0
KOKOMO II (IS-PR 235)	7.0	GRAY FOX (PST-2MNG)	6.0
MONTEREY 3 (JR-408)	7.0	HARRIER (SRX 4UP3)	6.0
PROTEGE GLR	7.0	HEADSTART 2	6.0
PST-217	7.0	MAJESTY II (VB77)	6.0
REVENGE GLX (JR-348)	7.0	OVERDRIVE	6.0
VB99	7.0	PENTIUM	6.0
ASP6003 (TRS)	6.7	PIANIST (DP 17-9505)	6.0
BUENA VISTA	6.7	PINNACLE II	6.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.7	PIZZAZZ	6.0
CUTTER II (PM 101)	6.7	PM 102	6.0
D04-LP05	6.7	SECRETARIAT II GLSR (LTP-101-GLSR)	6.0
DCM	6.7	ASP6004 (EXS54)	5.7
DELAWARE XL (PICK 01-2)	6.7	CITATION FORE	5.7
GL-2	6.7	DART (APR 1663)	5.7
HOMERUN (RG3P)	6.7	GRAND SLAM 2 (PST-2GSM)	5.7
PRIMARY (IS-PR 269)	6.7	PANTHER	5.7
UNO (D04-11T)	6.7	PLEASURE SUPREME (PM 103)	5.7
APR 1670	6.3	PS-2	5.7
ASP6001 (RTS)	6.3	SILVER DOLLAR	5.7
ASP6002 (BPR)	6.3	AFFINITY	5.3
CADDIESHACK II (JR-163)	6.3	BAR LP 4317	5.3
		BREA (04-BRE)	5.3

TABLE 25. STEM RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

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

NAME	OK1
BRIGHTSTAR SLT	5.3
CABO II (IS-PR 233)	5.3
DP 17-9499	5.3
FIREBOLT (PRG HS-01-09)	5.3
GOALKEEPER II (JR-114)	5.3
LA QUINTA (JR-255)	5.3
LINE DRIVE GLS (APR 1797)	5.3
LPR 02203	5.3
PALACE (IS-PR 273)	5.3
PREMIER II	5.3
SRX 4682	5.3
TOP GUN II (JR-324)	5.3
DP 17-9788	5.0
INSPIRE	5.0
WAYFARER (L44)	5.0
MACH I	5.0
PANTHER GLS	5.0
PST-2LAN	5.0
RAD-PR8	5.0
RINGER II (04-BEN)	5.0
TR47	5.0
WIND DANCE 2 (PWDR)	5.0
BARLENNIUM	4.7
PALMER III	4.7
PREMIER	4.7
PRESIDIO (CNV)	4.7
HAWKEYE 2 (SRX 4692)	4.3
LINN	4.3
LSD VALUE	1.3
C.V. (%)	13.4

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 MEAN IN EACH COLUMN.

TABLE 26. DOLLAR SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MA1	NE1	OK1	VA1	MEAN
E-99	8.7	7.7	8.3	5.0	7.4
MAJESTY II (VB77)	9.0	6.3	8.3	5.7	7.3
PST-2LAN	8.3	7.0	8.3	5.0	7.2
PST-2BLK	8.3	7.0	9.0	4.0	7.1
SILVER DOLLAR	9.0	7.0	7.3	5.0	7.1
GRAY STAR (PST-2LGL)	8.7	7.3	8.0	3.7	6.9
PENTIUM	7.7	7.0	8.3	4.7	6.9
APR 1648	7.0	6.3	9.0	5.3	6.9
AMAZING GS (IS-PR 276)	8.0	6.7	8.0	4.7	6.8
HALO (KN42)	8.3	6.0	8.0	4.7	6.8
KOKOMO II (IS-PR 235)	8.3	6.3	7.7	4.7	6.8
ACCENT II (JR-119)	6.7	6.7	8.3	5.0	6.7
APR 1670	7.3	6.7	8.0	4.7	6.7
ASP6001 (RTS)	7.7	7.0	7.7	4.3	6.7
DART (APR 1663)	8.3	6.3	8.3	3.7	6.7
KEYSTONE 2 (IS-PR 312)	8.7	7.7	5.7	4.7	6.7
ASP6004 (EXS54)	8.3	6.3	6.7	5.0	6.6
MONTEREY 3 (JR-408)	7.7	5.7	8.3	4.7	6.6
PRIMARY (IS-PR 269)	7.0	6.7	7.7	5.0	6.6
QUICKSILVER	7.3	7.3	7.7	4.0	6.6
STELLAR GL (IS-PR 236)	7.7	6.3	8.0	4.3	6.6
DCM	7.7	5.3	8.0	5.0	6.5
EXACTA II GLSR (LTP-611-GLSR)	7.3	5.0	8.0	5.7	6.5
FIJI (GPR)	7.3	6.0	7.7	5.0	6.5
FUSION	8.0	6.7	7.0	4.3	6.5
GRAND SLAM 2 (PST-2GSM)	5.7	6.7	8.3	5.3	6.5
UNO (D04-11T)	7.7	6.7	7.3	4.3	6.5
ALLSTAR 3 (IS-PR 274)	7.0	6.0	8.0	4.7	6.4
ATTRIBUTE (IS-PR 270)	8.3	6.0	6.7	4.7	6.4
BARLENNIUM	7.0	5.7	7.7	5.3	6.4
BUENA VISTA	8.7	6.7	5.7	4.7	6.4
CABO II (IS-PR 233)	8.3	5.3	8.0	4.0	6.4
MANHATTAN 5 GLR (PST-2AM)	8.7	4.3	8.0	4.7	6.4
PST-217	8.3	6.0	7.0	4.3	6.4
PRESIDIO (CNV)	7.7	6.7	6.3	4.7	6.3
VB99	6.7	5.7	8.0	5.0	6.3
DP1	7.3	5.7	8.0	4.3	6.3
PANTHER GLS	8.3	4.7	7.0	5.3	6.3
TOP GUN II (JR-324)	7.3	6.0	7.3	4.7	6.3
ASP6003 (TRS)	8.3	5.0	7.7	4.0	6.3
D04-LP05	8.7	6.7	5.7	4.0	6.3
WAYFARER (L44)	7.7	5.3	7.3	4.7	6.3
PALMER IV	7.7	6.3	7.3	3.7	6.3
RINGER II (04-BEN)	6.3	7.0	6.3	5.3	6.3
1G SQUARED (APR 1664)	6.7	5.0	8.3	4.7	6.2

TABLE 26. DOLLAR SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MA1	NE1	OK1	VA1	MEAN
PALACE (IS-PR 273)	6.7	5.3	7.7	5.0	6.2
PLEASURE SUPREME (PM 103)	7.3	6.0	6.7	4.7	6.2
BREA (04-BRE)	6.7	6.3	7.3	4.3	6.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	8.0	4.3	7.3	5.0	6.2
GRAY FOX (PST-2MNG)	7.3	5.0	7.3	5.0	6.2
PST-2AG4	7.3	6.7	6.3	4.3	6.2
REGAL 5 (IS-PR 271)	8.0	4.3	8.0	4.3	6.2
NEXUS XD (SP4)	7.7	5.7	7.3	3.7	6.1
PREMIER	7.7	5.0	7.0	4.7	6.1
PROTEGE GLR	6.0	6.0	7.7	4.7	6.1
ES45	7.3	6.0	7.0	4.0	6.1
MMW	6.3	3.7	9.0	5.3	6.1
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	5.3	7.7	4.3	6.1
AFFINITY	8.3	5.0	6.3	4.3	6.0
EDGE II (AC2)	8.0	6.3	6.0	3.7	6.0
FIESTA 4 (PICK F4)	7.0	6.3	6.7	4.0	6.0
HARRIER (SRX 4UP3)	6.3	4.7	8.0	5.0	6.0
LA QUINTA (JR-255)	7.7	4.7	7.3	4.3	6.0
PREMIER II	6.7	6.7	5.7	5.0	6.0
CALYPSO 3 (MS2)	7.0	5.3	7.3	4.3	6.0
WIND DANCE 2 (PWDR)	7.3	6.3	6.0	4.3	6.0
NEXUS XR (SNR)	7.3	6.7	6.0	3.7	5.9
PHENOM (APR 1660)	6.3	5.7	7.0	4.7	5.9
PIZZAZZ	8.3	5.3	6.7	3.3	5.9
ZOOM (LCK)	6.3	5.3	7.3	4.7	5.9
DERBY XTREME (IS-PR 268)	7.3	5.3	7.0	4.0	5.9
HAWKEYE 2 (SRX 4692)	7.3	4.3	7.7	4.3	5.9
PM 102	7.3	5.3	6.7	4.3	5.9
CUTTER II (PM 101)	6.7	6.0	6.7	4.0	5.8
DASHER 3 (PICK RB-1)	7.0	3.7	8.0	4.7	5.8
LPR 02203	7.3	4.0	7.7	4.3	5.8
SUNSHINE 2	6.7	6.0	7.3	3.3	5.8
ASP6002 (BPR)	7.3	4.0	7.0	4.7	5.8
HOMERUN (RG3P)	7.0	4.7	6.0	5.3	5.8
PINNACLE II	6.7	6.3	5.7	4.3	5.8
TR47	7.3	4.0	7.7	4.0	5.8
ASP6006 (LPFG)	8.0	4.0	7.0	3.7	5.7
DEFENDER (D04-UP)	8.3	6.0	4.0	4.3	5.7
GL-2	7.3	3.7	6.7	5.0	5.7
PICK 02-R	8.0	4.3	7.7	2.7	5.7
REPELL GLS	7.3	5.3	5.3	4.7	5.7
TRANSFORMER (D04-1667)	8.0	5.0	5.0	4.7	5.7
GOALKEEPER II (JR-114)	7.3	4.7	5.7	4.7	5.6
ASP6005 (AJM)	6.3	3.7	8.0	4.3	5.6
BAR LP 4420	6.7	3.7	7.7	4.3	5.6
CADDIESHACK II (JR-163)	6.0	4.3	7.3	4.7	5.6



TABLE 26. DOLLAR SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MA1	NE1	OK1	VA1	MEAN
OVERDRIVE	8.0	4.0	6.0	4.3	5.6
PS-2	6.3	4.0	8.0	4.0	5.6
BAR LP 4317	5.7	4.0	8.0	4.3	5.5
BRIGHTSTAR SLT	6.3	4.0	7.0	4.7	5.5
DELAWARE XL (PICK 01-2)	5.7	6.3	6.3	3.7	5.5
FIREBOLT (PRG HS-01-09)	7.0	4.3	7.0	3.7	5.5
SRX 4682	7.3	5.0	5.0	4.7	5.5
RAD-PR8	7.3	4.3	6.3	3.7	5.4
REVENGE GLX (JR-348)	7.7	4.3	5.7	4.0	5.4
DP 17-9499	7.7	3.7	6.3	3.7	5.3
PARAGON GLR	5.7	5.0	6.0	4.7	5.3
LINE DRIVE GLS (APR 1797)	6.3	6.0	5.0	4.0	5.3
CITATION FORE	5.0	3.7	6.3	6.0	5.3
PINNACLE	8.0	3.0	6.3	3.7	5.3
PANTHER	7.0	4.7	4.7	4.0	5.1
HEADSTART 2	8.3	3.7	5.3	3.0	5.1
LINN	6.0	5.0	6.0	3.3	5.1
BAR LP 4920	7.7	2.3	6.0	4.0	5.0
MACH I	7.0	3.7	5.3	4.0	5.0
PIANIST (DP 17-9505)	7.0	3.7	5.7	3.7	5.0
AF	7.0	4.0	5.0	3.7	4.9
PALMER III	5.7	3.0	7.0	4.0	4.9
RNS	6.7	3.3	6.0	3.7	4.9
INSPIRE	5.7	4.3	5.3	4.3	4.9
SR 4600 (SRX 4SP)	6.0	2.3	6.0	5.0	4.8
APPLE GL (AAZ-B104)	6.7	3.0	5.0	4.0	4.7
GALATTI (DP 17-9502)	6.0	2.7	5.3	3.7	4.4
DP 17-9788	5.7	2.0	4.7	4.0	4.1
LSD VALUE	2.2	2.7	1.5	1.4	1.0
C.V. (%)	18.7	31.7	13.1	20.3	21.0

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 MEAN IN EACH COLUMN.

TABLE 27.

RED THREAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

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

NAME	NJ1	OR1	VA1	MEAN	NAME	NJ1	OR1	VA1	MEAN
PINNACLE	8.3	7.0	8.3	7.9	ALLSTAR 3 (IS-PR 274)	6.0	7.0	6.3	6.4
LINN	7.7	7.0	8.0	7.6	FIJI (GPR)	5.3	7.0	7.0	6.4
PREMIER	8.3	6.7	7.3	7.4	PST-2LAN	6.3	5.7	7.3	6.4
ZOOM (LCK)	7.3	7.3	7.7	7.4	EXACTA II GLSR (LTP-611-GLSR)	6.3	5.3	7.3	6.3
SILVER DOLLAR	6.0	8.0	8.0	7.3	HAWKEYE 2 (SRX 4692)	7.0	5.7	6.3	6.3
HOMERUN (RG3P)	6.0	7.7	7.7	7.1	PALMER III	6.0	5.3	7.7	6.3
APPLE GL (AAZ-B104)	7.3	7.3	6.7	7.1	PANTHER	8.0	3.7	7.3	6.3
CITATION FORE	7.0	7.0	7.3	7.1	PLEASURE SUPREME (PM 103)	7.3	5.3	6.3	6.3
AFFINITY	8.0	6.7	6.3	7.0	REPELL GLS	7.0	6.3	5.7	6.3
EDGE II (AC2)	7.3	6.7	7.0	7.0	SUNSHINE 2	6.0	7.0	6.0	6.3
MAJESTY II (VB77)	7.0	6.3	7.7	7.0	TRANSFORMER (D04-1667)	5.3	6.3	7.3	6.3
OVERDRIVE	6.7	7.7	6.7	7.0	BAR LP 4920	6.0	5.0	7.7	6.2
RINGER II (04-BEN)	7.7	6.7	6.7	7.0	GRAY FOX (PST-2MNG)	7.0	5.0	6.7	6.2
SR 4600 (SRX 4SP)	7.0	7.7	6.3	7.0	PANTHER GLS	6.7	5.7	6.3	6.2
UNO (D04-11T)	6.0	7.7	7.3	7.0	RNS	6.7	5.7	6.3	6.2
CADDIESHACK II (JR-163)	6.3	6.7	7.7	6.9	TR47	6.0	5.7	7.0	6.2
PHENOM (APR 1660)	6.7	6.7	7.3	6.9	PENTIUM	6.0	6.3	6.3	6.2
SECRETARIAT II GLSR (LTP-101-GLSR)	6.3	6.7	7.7	6.9	VB99	6.3	6.0	6.3	6.2
PALACE (IS-PR 273)	7.3	7.3	6.0	6.9	AF	6.0	5.7	6.7	6.1
APR 1648	6.7	6.7	7.0	6.8	CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	5.7	6.7	6.1
LINE DRIVE GLS (APR 1797)	6.0	8.3	6.0	6.8	CUTTER II (PM 101)	4.7	7.0	6.7	6.1
MACH I	5.7	7.0	7.7	6.8	DP 17-9788	5.7	6.0	6.7	6.1
BRIGHTSTAR SLT	6.3	6.7	7.3	6.8	E-99	5.7	6.7	6.0	6.1
APR 1670	7.0	5.7	7.3	6.7	HARRIER (SRX 4UP3)	7.0	4.7	6.7	6.1
ASP6003 (TRS)	7.3	6.3	6.3	6.7	PRESIDIO (CNV)	4.7	5.0	8.7	6.1
CALYPSO 3 (MS2)	7.0	7.0	6.0	6.7	BUENA VISTA	6.0	6.3	6.0	6.1
DASHER 3 (PICK RB-1)	6.3	6.0	7.7	6.7	DART (APR 1663)	6.3	6.0	6.0	6.1
GALATTI (DP 17-9502)	7.3	5.0	7.7	6.7	PINNACLE II	5.7	6.3	6.3	6.1
GL-2	7.0	5.7	7.3	6.7	RAD-PR8	5.3	6.0	7.0	6.1
GRAY STAR (PST-2LGL)	6.0	6.3	7.7	6.7	1G SQUARED (APR 1664)	6.3	5.3	6.3	6.0
PIANIST (DP 17-9505)	6.7	6.0	7.3	6.7	ASP6004 (EXS54)	6.7	5.0	6.3	6.0
PST-2BLK	6.3	6.7	7.0	6.7	ATTRIBUTE (IS-PR 270)	5.3	7.7	5.0	6.0
DEFENDER (D04-UP)	7.7	5.7	6.3	6.6	BAR LP 4420	5.0	6.7	6.3	6.0
GRAND SLAM 2 (PST-2GSM)	6.7	5.7	7.3	6.6	FIREBOLT (PRG HS-01-09)	6.7	5.7	5.7	6.0
PARAGON GLR	6.7	6.3	6.7	6.6	LPR 02203	6.0	5.3	6.7	6.0
PREMIER II	7.0	6.0	6.7	6.6	MANHATTAN 5 GLR (PST-2AM)	7.0	5.7	5.3	6.0
PRIMARY (IS-PR 269)	7.7	5.7	6.3	6.6	NEXUS XD (SP4)	6.3	4.7	7.0	6.0
REGAL 5 (IS-PR 271)	6.7	6.0	7.0	6.6	PALMER IV	5.7	6.0	6.3	6.0
AMAZING GS (IS-PR 276)	6.0	6.3	7.3	6.6	PIZZAZZ	7.7	4.3	6.0	6.0
DCM	7.3	6.0	6.3	6.6	ASP6005 (AJM)	6.7	5.7	5.3	5.9
DERBY XTREME (IS-PR 268)	6.0	7.3	6.3	6.6	GOALKEEPER II (JR-114)	5.7	6.3	5.7	5.9
INSPIRE	7.3	6.3	6.0	6.6	LA QUINTA (JR-255)	5.7	5.7	6.3	5.9
KEYSTONE 2 (IS-PR 312)	7.0	5.3	7.3	6.6	PM 102	6.0	5.0	6.7	5.9
PST-2AG4	7.3	6.3	6.0	6.6	REVENGE GLX (JR-348)	6.0	4.7	7.0	5.9
FIESTA 4 (PICK F4)	6.7	7.0	5.7	6.4	HEADSTART 2	6.3	4.3	7.0	5.9
					STELLAR GL (IS-PR 236)	6.0	5.3	6.3	5.9

TABLE 27. RED THREAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

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

NAME	NJ1	OR1	VA1	MEAN
WIND DANCE 2 (PWDR)	5.3	5.3	7.0	5.9
ASP6006 (LPFG)	6.7	4.7	6.0	5.8
BREA (04-BRE)	7.0	4.7	5.7	5.8
QUICKSILVER	5.7	5.7	6.0	5.8
DP 17-9499	7.0	5.3	5.0	5.8
KOKOMO II (IS-PR 235)	5.3	6.0	6.0	5.8
PST-217	5.3	6.0	6.0	5.8
CABO II (IS-PR 233)	6.7	5.0	5.3	5.7
DO4-LP05	6.7	5.0	5.3	5.7
DP1	6.3	4.7	6.0	5.7
MONTEREY 3 (JR-408)	4.0	6.3	6.7	5.7
PS-2	6.0	5.0	6.0	5.7
SRX 4682	5.7	4.3	7.0	5.7
BAR LP 4317	6.0	5.0	5.7	5.6
BARLENNIUM	6.0	5.0	5.7	5.6
DELAWARE XL (PICK 01-2)	5.7	5.0	6.0	5.6
NEXUS XR (SNR)	5.7	4.0	7.0	5.6
FUSION	4.7	5.7	6.0	5.4
TOP GUN II (JR-324)	4.7	5.7	6.0	5.4
PICK 02-R	4.7	6.3	5.3	5.4
PROTEGE GLR	4.3	6.0	6.0	5.4
ACCENT II (JR-119)	5.0	5.0	6.0	5.3
WAYFARER (L44)	5.3	5.0	5.7	5.3
ASP6002 (BPR)	5.3	4.7	5.7	5.2
HALO (KN42)	4.7	6.0	5.0	5.2
ASP6001 (RTS)	5.0	4.3	6.0	5.1
MMW	4.3	5.0	5.7	5.0
ES45	4.3	4.0	5.3	4.6
LSD VALUE	2.4	2.5	2.3	1.4
C.V. (%)	23.9	26.5	22.3	24.2

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 MEAN IN EACH COLUMN.

TABLE 28.

PINK SNOW MOLD (APRIL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NAME	MN1
AFFINITY	7.0	PST-2BLK	4.3
PINNACLE	7.0	SECRETARIAT II GLSR (LTP-101-GLSR)	4.3
PREMIER	7.0	AMAZING GS (IS-PR 276)	4.0
PANTHER	6.7	ASP6003 (TRS)	4.0
PREMIER II	6.7	BREA (04-BRE)	4.0
BARLENNIUM	6.3	DART (APR 1663)	4.0
BAR LP 4920	5.7	HALO (KN42)	4.0
LINN	5.7	WAYFARER (L44)	4.0
PALMER III	5.7	MACH I	4.0
QUICKSILVER	5.7	MANHATTAN 5 GLR (PST-2AM)	4.0
APR 1670	5.3	NEXUS XD (SP4)	4.0
BRIGHTSTAR SLT	5.3	OVERDRIVE	4.0
TR47	5.3	PENTIUM	4.0
WIND DANCE 2 (PWDR)	5.3	PINNACLE II	4.0
CADDIESHACK II (JR-163)	5.0	PST-2LAN	4.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	RAD-PR8	4.0
DO4-LP05	5.0	REGAL 5 (IS-PR 271)	4.0
E-99	5.0	REVENGE GLX (JR-348)	4.0
GOALKEEPER II (JR-114)	5.0	SRX 4682	4.0
PHENOM (APR 1660)	5.0	VB99	4.0
TOP GUN II (JR-324)	5.0	AF	3.7
ASP6001 (RTS)	4.7	APR 1648	3.7
BAR LP 4317	4.7	ASP6002 (BPR)	3.7
CITATION FORE	4.7	ASP6004 (EXS54)	3.7
DP 17-9788	4.7	DEFENDER (D04-UP)	3.7
ES45	4.7	FIREBOLT (PRG HS-01-09)	3.7
HAWKEYE 2 (SRX 4692)	4.7	GRAY STAR (PST-2LGL)	3.7
INSPIRE	4.7	KEYSTONE 2 (IS-PR 312)	3.7
LINE DRIVE GLS (APR 1797)	4.7	KOKOMO II (IS-PR 235)	3.7
PST-217	4.7	MAJESTY II (VB77)	3.7
PST-2AG4	4.7	MONTEREY 3 (JR-408)	3.7
SILVER DOLLAR	4.7	PALMER IV	3.7
ACCENT II (JR-119)	4.3	PLEASURE SUPREME (PM 103)	3.7
ASP6005 (AJM)	4.3	REPELL GLS	3.7
BAR LP 4420	4.3	RINGER II (04-BEN)	3.7
DELAWARE XL (PICK 01-2)	4.3	SUNSHINE 2	3.7
GALATTI (DP 17-9502)	4.3	TRANSFORMER (D04-1667)	3.7
GRAY FOX (PST-2MNG)	4.3	UNO (D04-11T)	3.7
LA QUINTA (JR-255)	4.3	1G SQUARED (APR 1664)	3.3
LPR 02203	4.3	APPLE GL (AAZ-B104)	3.3
NEXUS XR (SNR)	4.3	ASP6006 (LPFG)	3.3
PARAGON GLR	4.3	CALYPSO 3 (MS2)	3.3
PIANIST (DP 17-9505)	4.3	CUTTER II (PM 101)	3.3
PIZZAZZ	4.3	DERBY XTREME (IS-PR 268)	3.3
PRESIDIO (CNV)	4.3	EDGE II (AC2)	3.3
		FIESTA 4 (PICK F4)	3.3

TABLE 28. PINK SNOW MOLD (APRIL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1
GRAND SLAM 2 (PST-2GSM)	3.3
PM 102	3.3
PROTEGE GLR	3.3
PS-2	3.3
SR 4600 (SRX 4SP)	3.3
STELLAR GL (IS-PR 236)	3.3
DP 17-9499	3.0
DP1	3.0
EXACTA II GLSR (LTP-611-GLSR)	3.0
GL-2	3.0
HARRIER (SRX 4UP3)	3.0
HEADSTART 2	3.0
PALACE (IS-PR 273)	3.0
PANTHER GLS	3.0
ZOOM (LCK)	3.0
BUENA VISTA	2.7
DASHER 3 (PICK RB-1)	2.7
DCM	2.7
FIJI (GPR)	2.7
FUSION	2.7
PRIMARY (IS-PR 269)	2.7
RNS	2.7
ALLSTAR 3 (IS-PR 274)	2.3
ATTRIBUTE (IS-PR 270)	2.3
CABO II (IS-PR 233)	2.3
HOMERUN (RG3P)	2.3
MMW	2.3
PICK 02-R	1.7
LSD VALUE	1.6
C.V. (%)	24.6

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 MEAN IN EACH COLUMN.

TABLE 29.

SEEDHEAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MA1	NAME	MA1
APR 1648	8.0	NEXUS XD (SP4)	7.3
ASP6002 (BPR)	8.0	PANTHER GLS	7.3
ASP6003 (TRS)	8.0	PLEASURE SUPREME (PM 103)	7.3
ASP6004 (EXS54)	8.0	PS-2	7.3
BAR LP 4420	8.0	RNS	7.3
DP 17-9499	8.0	SILVER DOLLAR	7.3
DP 17-9788	8.0	SUNSHINE 2	7.3
FIREBOLT (PRG HS-01-09)	8.0	TR47	7.3
HALO (KN42)	8.0	ZOOM (LCK)	7.3
HOMERUN (RG3P)	8.0	ASP6001 (RTS)	7.0
MAJESTY II (VB77)	8.0	BAR LP 4920	7.0
PIANIST (DP 17-9505)	8.0	BARLENNIUM	7.0
WIND DANCE 2 (PWDR)	8.0	BUENA VISTA	7.0
ACCENT II (JR-119)	7.7	CALYPSO 3 (MS2)	7.0
ALLSTAR 3 (IS-PR 274)	7.7	DERBY XTREME (IS-PR 268)	7.0
BAR LP 4317	7.7	FUSION	7.0
CABO II (IS-PR 233)	7.7	HAWKEYE 2 (SRX 4692)	7.0
CUTTER II (PM 101)	7.7	HEADSTART 2	7.0
DCM	7.7	INSPIRE	7.0
GALATTI (DP 17-9502)	7.7	PENTIUM	7.0
GOALKEEPER II (JR-114)	7.7	PST-217	7.0
GRAY STAR (PST-2LGL)	7.7	RAD-PR8	7.0
KEYSTONE 2 (IS-PR 312)	7.7	SRX 4682	7.0
MONTEREY 3 (JR-408)	7.7	UNO (D04-11T)	7.0
NEXUS XR (SNR)	7.7	AF	6.7
OVERDRIVE	7.7	CADDIESHACK II (JR-163)	6.7
PICK 02-R	7.7	DASHER 3 (PICK RB-1)	6.7
PINNACLE II	7.7	E-99	6.7
PIZZAZZ	7.7	EXACTA II GLSR (LTP-611-GLSR)	6.7
PRESIDIO (CNV)	7.7	FIESTA 4 (PICK F4)	6.7
REGAL 5 (IS-PR 271)	7.7	MANHATTAN 5 GLR (PST-2AM)	6.7
TOP GUN II (JR-324)	7.7	MMW	6.7
TRANSFORMER (D04-1667)	7.7	PALACE (IS-PR 273)	6.7
VB99	7.7	PANTHER	6.7
AMAZING GS (IS-PR 276)	7.3	PM 102	6.7
ASP6005 (AJM)	7.3	PST-2AG4	6.7
ASP6006 (LPFG)	7.3	PST-2LAN	6.7
ATTRIBUTE (IS-PR 270)	7.3	STELLAR GL (IS-PR 236)	6.7
BREA (04-BRE)	7.3	1G SQUARED (APR 1664)	6.3
DELAWARE XL (PICK 01-2)	7.3	BRIGHTSTAR SLT	6.3
EDGE II (AC2)	7.3	CHARISMATIC II GLSR (LTP-PG-GLSR)	6.3
ES45	7.3	D04-LP05	6.3
FIJI (GPR)	7.3	DART (APR 1663)	6.3
WAYFARER (L44)	7.3	DP1	6.3
LA QUINTA (JR-255)	7.3	GRAND SLAM 2 (PST-2GSM)	6.3

TABLE 29. SEEDHEAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/	
NAME	MA1
GRAY FOX (PST-2MNG)	6.3
MACH I	6.3
PALMER III	6.3
PINNACLE	6.3
PREMIER II	6.3
PROTEGE GLR	6.3
QUICKSILVER	6.3
APR 1670	6.0
CITATION FORE	6.0
DEFENDER (D04-UP)	6.0
KOKOMO II (IS-PR 235)	6.0
LINE DRIVE GLS (APR 1797)	6.0
PARAGON GLR	6.0
PHENOM (APR 1660)	6.0
REVENGE GLX (JR-348)	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0
SR 4600 (SRX 4SP)	6.0
GL-2	5.7
LINN	5.7
LPR 02203	5.7
PRIMARY (IS-PR 269)	5.7
REPELL GLS	5.7
AFFINITY	5.3
PALMER IV	5.3
PREMIER	5.3
APPLE GL (AAZ-B104)	5.0
HARRIER (SRX 4UP3)	5.0
PST-2BLK	5.0
RINGER II (04-BEN)	4.7
LSD VALUE	1.2
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 MEAN IN EACH COLUMN.

TABLE 30.

POA ANNUA RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/			
NAME	MA1	NAME	MA1
CITATION FORE	8.0	CADDIESHACK II (JR-163)	6.7
LINE DRIVE GLS (APR 1797)	8.0	DCM	6.7
DP 17-9788	7.7	DELAWARE XL (PICK 01-2)	6.7
DP1	7.7	HARRIER (SRX 4UP3)	6.7
GRAND SLAM 2 (PST-2GSM)	7.7	HOMERUN (RG3P)	6.7
GRAY STAR (PST-2LGL)	7.7	KEYSTONE 2 (IS-PR 312)	6.7
MANHATTAN 5 GLR (PST-2AM)	7.7	LPR 02203	6.7
MMW	7.7	OVERDRIVE	6.7
PANTHER GLS	7.7	PALMER IV	6.7
PARAGON GLR	7.7	PIANIST (DP 17-9505)	6.7
1G SQUARED (APR 1664)	7.3	PRIMARY (IS-PR 269)	6.7
BARLENNIUM	7.3	REVENGE GLX (JR-348)	6.7
BUENA VISTA	7.3	SECRETARIAT II GLSR (LTP-101-GLSR)	6.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.3	SRX 4682	6.7
EXACTA II GLSR (LTP-611-GLSR)	7.3	ACCENT II (JR-119)	6.3
FIESTA 4 (PICK F4)	7.3	ATTRIBUTE (IS-PR 270)	6.3
GRAY FOX (PST-2MNG)	7.3	CUTTER II (PM 101)	6.3
MONTEREY 3 (JR-408)	7.3	DART (APR 1663)	6.3
PALACE (IS-PR 273)	7.3	FUSION	6.3
PROTEGE GLR	7.3	HAWKEYE 2 (SRX 4692)	6.3
RNS	7.3	INSPIRE	6.3
SR 4600 (SRX 4SP)	7.3	MAJESTY II (VB77)	6.3
TRANSFORMER (D04-1667)	7.3	PINNACLE II	6.3
UNO (D04-11T)	7.3	PREMIER II	6.3
ZOOM (LCK)	7.3	PS-2	6.3
AFFINITY	7.0	PST-2BLK	6.3
APPLE GL (AAZ-B104)	7.0	RINGER II (04-BEN)	6.3
APR 1670	7.0	SILVER DOLLAR	6.3
BAR LP 4317	7.0	TOP GUN II (JR-324)	6.3
BRIGHTSTAR SLT	7.0	TR47	6.3
CALYPSO 3 (MS2)	7.0	WIND DANCE 2 (PWDR)	6.3
DASHER 3 (PICK RB-1)	7.0	AF	6.0
DEFENDER (D04-UP)	7.0	ASP6003 (TRS)	6.0
DERBY XTREME (IS-PR 268)	7.0	ASP6004 (EXS54)	6.0
DP 17-9499	7.0	ASP6005 (AJM)	6.0
FIJI (GPR)	7.0	BAR LP 4420	6.0
GL-2	7.0	CABO II (IS-PR 233)	6.0
LA QUINTA (JR-255)	7.0	D04-LP05	6.0
PENTIUM	7.0	E-99	6.0
PHENOM (APR 1660)	7.0	GOALKEEPER II (JR-114)	6.0
RAD-PR8	7.0	HALO (KN42)	6.0
REPELL GLS	7.0	PALMER III	6.0
ALLSTAR 3 (IS-PR 274)	6.7	PIZZAZZ	6.0
AMAZING GS (IS-PR 276)	6.7	PREMIER	6.0
APR 1648	6.7	PST-217	6.0



TABLE 30. POA ANNUA RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/	
NAME	MA1
PST-2AG4	6.0
REGAL 5 (IS-PR 271)	6.0
STELLAR GL (IS-PR 236)	6.0
SUNSHINE 2	6.0
ASP6001 (RTS)	5.7
BREA (04-BRE)	5.7
GALATTI (DP 17-9502)	5.7
MACH I	5.7
PRESIDIO (CNV)	5.7
QUICKSILVER	5.7
VB99	5.7
ASP6002 (BPR)	5.3
ASP6006 (LPFG)	5.3
BAR LP 4920	5.3
EDGE II (AC2)	5.3
ES45	5.3
FIREBOLT (PRG HS-01-09)	5.3
HEADSTART 2	5.3
KOKOMO II (IS-PR 235)	5.3
WAYFARER (L44)	5.3
NEXUS XR (SNR)	5.3
PLEASURE SUPREME (PM 103)	5.3
NEXUS XD (SP4)	5.0
PANTHER	5.0
PM 102	5.0
PINNACLE	4.7
PST-2LAN	4.7
PICK 02-R	4.3
LINN	3.3
LSD VALUE	1.7
C.V. (%)	16.6

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 MEAN IN EACH COLUMN.

TABLE 31.

YELLOW PATCH RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

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

NAME	NE1	NAME	NE1
PALMER IV	6.7	NEXUS XD (SP4)	4.0
LINE DRIVE GLS (APR 1797)	6.3	PHENOM (APR 1660)	4.0
ALLSTAR 3 (IS-PR 274)	5.7	PLEASURE SUPREME (PM 103)	4.0
SILVER DOLLAR	5.7	PREMIER II	4.0
DP 17-9499	5.3	SUNSHINE 2	4.0
PENTIUM	5.3	WIND DANCE 2 (PWDR)	4.0
PINNACLE	5.3	AFFINITY	3.7
DERBY XTREME (IS-PR 268)	5.0	AMAZING GS (IS-PR 276)	3.7
EXACTA II GLSR (LTP-611-GLSR)	5.0	APR 1648	3.7
MAJESTY II (VB77)	5.0	DP1	3.7
MMW	5.0	FIESTA 4 (PICK F4)	3.7
OVERDRIVE	5.0	KEYSTONE 2 (IS-PR 312)	3.7
REVENGE GLX (JR-348)	5.0	KOKOMO II (IS-PR 235)	3.7
ACCENT II (JR-119)	4.7	NEXUS XR (SNR)	3.7
BAR LP 4420	4.7	PIZZAZZ	3.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.7	TR47	3.7
DART (APR 1663)	4.7	ASP6001 (RTS)	3.3
PALACE (IS-PR 273)	4.7	D04-LP05	3.3
PANTHER GLS	4.7	DCM	3.3
PST-2AG4	4.7	DELAWARE XL (PICK 01-2)	3.3
RNS	4.7	DP 17-9788	3.3
TOP GUN II (JR-324)	4.7	FIREBOLT (PRG HS-01-09)	3.3
APPLE GL (AAZ-B104)	4.3	GRAY FOX (PST-2MNG)	3.3
ATTRIBUTE (IS-PR 270)	4.3	HOMERUN (RG3P)	3.3
CABO II (IS-PR 233)	4.3	WAYFARER (L44)	3.3
CITATION FORE	4.3	MACH I	3.3
DASHER 3 (PICK RB-1)	4.3	MONTEREY 3 (JR-408)	3.3
GRAND SLAM 2 (PST-2GSM)	4.3	PALMER III	3.3
HALO (KN42)	4.3	PANTHER	3.3
PARAGON GLR	4.3	PINNACLE II	3.3
PRESIDIO (CNV)	4.3	PREMIER	3.3
PRIMARY (IS-PR 269)	4.3	PS-2	3.3
PST-217	4.3	PST-2BLK	3.3
PST-2LAN	4.3	REPELL GLS	3.3
ZOOM (LCK)	4.3	RINGER II (04-BEN)	3.3
ASP6003 (TRS)	4.0	SR 4600 (SRX 4SP)	3.3
ASP6005 (AJM)	4.0	TRANSFORMER (D04-1667)	3.3
BAR LP 4920	4.0	VB99	3.3
DEFENDER (D04-UP)	4.0	AF	3.0
EDGE II (AC2)	4.0	ASP6004 (EXS54)	3.0
ES45	4.0	ASP6006 (LPFG)	3.0
GL-2	4.0	BREA (04-BRE)	3.0
HEADSTART 2	4.0	BRIGHTSTAR SLT	3.0
LINN	4.0	FUSION	3.0
MANHATTAN 5 GLR (PST-2AM)	4.0	LA QUINTA (JR-255)	3.0

TABLE 31. YELLOW PATCH RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

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

NAME	NE1
PIANIST (DP 17-9505)	3.0
PICK 02-R	3.0
QUICKSILVER	3.0
RAD-PR8	3.0
SECRETARIAT II GLSR (LTP-101-GLSR)	3.0
UNO (D04-11T)	3.0
ASP6002 (BPR)	2.7
BAR LP 4317	2.7
CUTTER II (PM 101)	2.7
FIJI (GPR)	2.7
GOALKEEPER II (JR-114)	2.7
HARRIER (SRX 4UP3)	2.7
HAWKEYE 2 (SRX 4692)	2.7
INSPIRE	2.7
LPR 02203	2.7
PROTEGE GLR	2.7
REGAL 5 (IS-PR 271)	2.7
STELLAR GL (IS-PR 236)	2.7
APR 1670	2.3
GRAY STAR (PST-2LGL)	2.3
1G SQUARED (APR 1664)	2.0
BUENA VISTA	2.0
CALYPSO 3 (MS2)	2.0
E-99	2.0
CADDIESHACK II (JR-163)	1.7
GALATTI (DP 17-9502)	1.7
SRX 4682	1.7
BARLENNIUM	1.3
PM 102	1.3
LSD VALUE	2.8
C.V. (%)	47.5

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 MEAN IN EACH COLUMN.

TABLE 32.

SNOW MOLD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA

SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	UT1	NAME	UT1
BARLENNIUM	5.3	PRIMARY (IS-PR 269)	3.7
PINNACLE	5.3	PST-2LAN	3.7
1G SQUARED (APR 1664)	5.0	RNS	3.7
ACCENT II (JR-119)	4.7	SR 4600 (SRX 4SP)	3.7
PANTHER	4.7	TR47	3.7
PIZZAZZ	4.7	UNO (D04-11T)	3.7
TRANSFORMER (D04-1667)	4.7	VB99	3.7
AFFINITY	4.3	ASP6003 (TRS)	3.3
CUTTER II (PM 101)	4.3	BAR LP 4920	3.3
INSPIRE	4.3	BREA (04-BRE)	3.3
LINE DRIVE GLS (APR 1797)	4.3	BRIGHTSTAR SLT	3.3
PALMER IV	4.3	CABO II (IS-PR 233)	3.3
SECRETARIAT II GLSR (LTP-101-GLSR)	4.3	CALYPSO 3 (MS2)	3.3
TOP GUN II (JR-324)	4.3	DASHER 3 (PICK RB-1)	3.3
BAR LP 4420	4.0	DCM	3.3
CADDIESHACK II (JR-163)	4.0	DERBY XTREME (IS-PR 268)	3.3
CITATION FORE	4.0	EDGE II (AC2)	3.3
DART (APR 1663)	4.0	FIREBOLT (PRG HS-01-09)	3.3
DP 17-9788	4.0	GRAY FOX (PST-2MNG)	3.3
FIESTA 4 (PICK F4)	4.0	HEADSTART 2	3.3
HOMERUN (RG3P)	4.0	NEXUS XR (SNR)	3.3
MONTEREY 3 (JR-408)	4.0	PHENOM (APR 1660)	3.3
PANTHER GLS	4.0	PIANIST (DP 17-9505)	3.3
PENTIUM	4.0	PREMIER	3.3
PREMIER II	4.0	PS-2	3.3
REGAL 5 (IS-PR 271)	4.0	RAD-PR8	3.3
REPELL GLS	4.0	SRX 4682	3.3
REVENGE GLX (JR-348)	4.0	STELLAR GL (IS-PR 236)	3.3
SILVER DOLLAR	4.0	WIND DANCE 2 (PWDR)	3.3
AMAZING GS (IS-PR 276)	3.7	ALLSTAR 3 (IS-PR 274)	3.0
APR 1648	3.7	ASP6002 (BPR)	3.0
APR 1670	3.7	ASP6006 (LPFG)	3.0
ATTRIBUTE (IS-PR 270)	3.7	DP 17-9499	3.0
BAR LP 4317	3.7	E-99	3.0
BUENA VISTA	3.7	GALATTI (DP 17-9502)	3.0
EXACTA II GLSR (LTP-611-GLSR)	3.7	GOALKEEPER II (JR-114)	3.0
FIJI (GPR)	3.7	GRAY STAR (PST-2LGL)	3.0
FUSION	3.7	HAWKEYE 2 (SRX 4692)	3.0
GRAND SLAM 2 (PST-2GSM)	3.7	KOKOMO II (IS-PR 235)	3.0
LINN	3.7	MACH I	3.0
LPR 02203	3.7	NEXUS XD (SP4)	3.0
MAJESTY II (VB77)	3.7	PALMER III	3.0
MMW	3.7	PLEASURE SUPREME (PM 103)	3.0
PALACE (IS-PR 273)	3.7	PM 102	3.0
PARAGON GLR	3.7	PRESIDIO (CNV)	3.0

TABLE 32. SNOW MOLD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA

SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	UT1
RINGER II (04-BEN)	3.0
ZOOM (LCK)	3.0
AF	2.7
APPLE GL (AAZ-B104)	2.7
ASP6001 (RTS)	2.7
ASP6004 (EXS54)	2.7
DEFENDER (D04-UP)	2.7
DP1	2.7
HARRIER (SRX 4UP3)	2.7
KEYSTONE 2 (IS-PR 312)	2.7
LA QUINTA (JR-255)	2.7
MANHATTAN 5 GLR (PST-2AM)	2.7
OVERDRIVE	2.7
PINNACLE II	2.7
SUNSHINE 2	2.7
ASP6005 (AJM)	2.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	2.3
D04-LP05	2.3
DELAWARE XL (PICK 01-2)	2.3
ES45	2.3
HALO (KN42)	2.3
WAYFARER (L44)	2.3
PROTEGE GLR	2.3
PST-217	2.3
PST-2AG4	2.3
PST-2BLK	2.3
QUICKSILVER	2.3
GL-2	2.0
PICK 02-R	1.7
LSD VALUE	1.8
C.V. (%)	32.8

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 MEAN IN EACH COLUMN.

TABLE 33.

PERCENT ANTHRACNOSE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
2007 DATA 2/

NAME	RI1	NAME	RI1
LINN	38.7	ASP6004 (EXS54)	7.0
DELAWARE XL (PICK 01-2)	26.0	D04-LP05	7.0
ACCENT II (JR-119)	21.0	FUSION	7.0
REVENGE GLX (JR-348)	21.0	PST-217	7.0
PINNACLE	20.7	SR 4600 (SRX 4SP)	7.0
PST-2BLK	20.7	SUNSHINE 2	7.0
PHENOM (APR 1660)	20.3	BUENA VISTA	6.7
BAR LP 4420	19.7	CHARISMATIC II GLSR (LTP-PG-GLSR)	6.7
DP 17-9499	19.3	GRAY FOX (PST-2MNG)	6.7
APR 1648	18.0	HARRIER (SRX 4UP3)	6.7
TOP GUN II (JR-324)	18.0	MAJESTY II (VB77)	6.7
BAR LP 4920	17.3	ASP6005 (AJM)	6.3
PIANIST (DP 17-9505)	16.7	OVERDRIVE	6.3
LA QUINTA (JR-255)	15.3	PS-2	6.3
BAR LP 4317	14.0	QUICKSILVER	6.3
BARLENNIUM	13.0	ASP6003 (TRS)	6.0
DEFENDER (D04-UP)	13.0	ASP6006 (LPFG)	6.0
LPR 02203	12.7	GRAND SLAM 2 (PST-2GSM)	6.0
PANTHER	11.7	KOKOMO II (IS-PR 235)	6.0
APR 1670	11.3	ASP6002 (BPR)	5.7
MANHATTAN 5 GLR (PST-2AM)	11.3	CUTTER II (PM 101)	5.7
PINNACLE II	11.3	GL-2	5.7
PREMIER II	11.3	MACH I	5.7
SRX 4682	11.3	PALMER III	5.7
SECRETARIAT II GLSR (LTP-101-GLSR)	11.0	RAD-PR8	5.7
REPELL GLS	10.7	REGAL 5 (IS-PR 271)	5.7
GALATTI (DP 17-9502)	10.0	BRIGHTSTAR SLT	5.3
PREMIER	10.0	PIZZAZZ	5.3
NEXUS XD (SP4)	9.7	1G SQUARED (APR 1664)	5.0
GOALKEEPER II (JR-114)	9.3	ASP6001 (RTS)	5.0
CABO II (IS-PR 233)	8.7	DP1	5.0
GRAY STAR (PST-2LGL)	8.7	INSPIRE	5.0
NEXUS XR (SNR)	8.7	PALACE (IS-PR 273)	5.0
PRESIDIO (CNV)	8.7	RINGER II (04-BEN)	5.0
FIJI (GPR)	8.3	DASHER 3 (PICK RB-1)	4.7
HAWKEYE 2 (SRX 4692)	8.3	DCM	4.7
TR47	8.3	FIREBOLT (PRG HS-01-09)	4.7
AFFINITY	8.0	PARAGON GLR	4.7
HEADSTART 2	8.0	PST-2AG4	4.7
CADDIESHACK II (JR-163)	7.7	CITATION FORE	4.3
E-99	7.7	DERBY XTREME (IS-PR 268)	4.3
LINE DRIVE GLS (APR 1797)	7.7	HALO (KN42)	4.3
ES45	7.3	PENTIUM	4.3
PANTHER GLS	7.3	UNO (D04-11T)	4.3
TRANSFORMER (D04-1667)	7.3	WIND DANCE 2 (PWDR)	4.3

TABLE 33. PERCENT ANTHRACNOSE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/  
(CONT'D) 2007 DATA 2/

NAME	RI1
DP 17-9788	4.0
PM 102	4.0
VB99	4.0
EXACTA II GLSR (LTP-611-GLSR)	3.7
FIESTA 4 (PICK F4)	3.7
WAYFARER (L44)	3.7
MONTEREY 3 (JR-408)	3.7
PICK 02-R	3.7
AF	3.3
APPLE GL (AAZ-B104)	3.3
BREA (04-BRE)	3.3
DART (APR 1663)	3.3
MMW	3.3
PALMER IV	3.3
SILVER DOLLAR	3.3
ZOOM (LCK)	3.3
ALLSTAR 3 (IS-PR 274)	3.0
RNS	3.0
ATTRIBUTE (IS-PR 270)	2.7
EDGE II (AC2)	2.7
PLEASURE SUPREME (PM 103)	2.7
PROTEGE GLR	2.7
CALYPSO 3 (MS2)	2.3
HOMERUN (RG3P)	2.3
STELLAR GL (IS-PR 236)	2.3
PRIMARY (IS-PR 269)	2.0
AMAZING GS (IS-PR 276)	1.7
KEYSTONE 2 (IS-PR 312)	1.3
PST-2LAN	1.3
LSD VALUE	10.1
C.V. (%)	79.9

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 MEAN IN EACH COLUMN.

## TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF \*\*/

NAME	QUALITY	MAXIMUM	NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/		MEAN 1/	IN TOP 25% 2/
1G SQUARED (APR 1664)	5.8	31.8	FIREBOLT (PRG HS-01-09)	5.4	9.1
ACCENT II (JR-119)	5.5	18.2	FUSION	5.6	18.2
AF	5.8	50.0	GALATTI (DP 17-9502)	5.3	4.5
AFFINITY	4.6	0.0	GL-2	5.9	40.9
ALLSTAR 3 (IS-PR 274)	6.1	68.2	GOALKEEPER II (JR-114)	5.3	4.5
AMAZING GS (IS-PR 276)	6.1	63.6	GRAND SLAM 2 (PST-2GSM)	5.8	27.3
APPLE GL (AAZ-B104)	5.9	40.9	GRAY FOX (PST-2MNG)	5.6	27.3
APR 1648	5.9	45.5	GRAY STAR (PST-2LGL)	5.5	0.0
APR 1670	5.5	22.7	HALO (KN42)	5.3	18.2
ASP6001 (RTS)	5.5	4.5	HARRIER (SRX 4UP3)	5.8	27.3
ASP6002 (BPR)	5.6	13.6	HAWKEYE 2 (SRX 4692)	5.5	18.2
ASP6003 (TRS)	5.6	27.3	HEADSTART 2	5.3	4.5
ASP6004 (EXS54)	5.7	31.8	HOMERUN (RG3P)	6.0	54.5
ASP6005 (AJM)	5.4	22.7	INSPIRE	5.5	9.1
ASP6006 (LPFG)	5.5	27.3	KEYSTONE 2 (IS-PR 312)	5.9	40.9
ATTRIBUTE (IS-PR 270)	5.8	31.8	KOKOMO II (IS-PR 235)	5.8	36.4
BAR LP 4317	5.4	18.2	WAYFARER (L44)	5.4	9.1
BAR LP 4420	5.4	4.5	LA QUINTA (JR-255)	5.4	13.6
BAR LP 4920	5.0	0.0	LINE DRIVE GLS (APR 1797)	5.8	36.4
BARLENNIUM	5.2	9.1	LINN	2.6	0.0
BREA (O4-BRE)	5.3	0.0	LPR 02203	4.6	4.5
BRIGHTSTAR SLT	5.3	13.6	MACH I	5.5	22.7
BUENA VISTA	5.7	27.3	MAJESTY II (VB77)	5.8	27.3
CABO II (IS-PR 233)	5.7	31.8	MANHATTAN 5 GLR (PST-2AM)	5.6	27.3
CADDIESHACK II (JR-163)	5.5	18.2	MMW	5.8	40.9
CALYPSO 3 (MS2)	5.7	31.8	MONTEREY 3 (JR-408)	5.5	18.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	18.2	NEXUS XD (SP4)	5.5	13.6
CITATION FORE	5.5	9.1	NEXUS XR (SNR)	5.6	31.8
CUTTER II (PM 101)	5.7	31.8	OVERDRIVE	5.8	18.2
D04-LP05	5.4	9.1	PALACE (IS-PR 273)	5.9	40.9
DART (APR 1663)	5.7	27.3	PALMER III	5.1	0.0
DASHER 3 (PICK RB-1)	5.8	27.3	PALMER IV	5.9	54.5
DCM	5.8	27.3	PANTHER	4.9	4.5
DEFENDER (D04-UP)	5.6	27.3	PANTHER GLS	5.8	27.3
DELAWARE XL (PICK 01-2)	5.5	13.6	PARAGON GLR	6.0	40.9
DERBY XTREME (IS-PR 268)	6.0	59.1	PENTIUM	5.5	9.1
DP 17-9499	5.4	22.7	PHENOM (APR 1660)	5.5	22.7
DP 17-9788	5.2	4.5	PIANIST (DP 17-9505)	5.2	4.5
DP1	5.9	45.5	PICK 02-R	5.1	9.1
E-99	5.5	18.2	PINNACLE	4.1	0.0
EDGE II (AC2)	5.7	13.6	PINNACLE II	5.4	13.6
ES45	5.5	9.1	PIZZAZZ	5.5	13.6
EXACTA II GLSR (LTP-611-GLSR)	6.0	63.6	PLEASURE SUPREME (PM 103)	5.6	18.2
FIESTA 4 (PICK F4)	6.0	54.5	PM 102	5.3	4.5
FIJI (GPR)	5.8	40.9	PREMIER	4.4	0.0



APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR PERENNIAL RYEGRASS CULTIVARS \*/  
(CONT'D) 2007 DATA

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

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
PREMIER II	5.3	0.0
PRESIDIO (CNV)	5.7	31.8
PRIMARY (IS-PR 269)	5.9	40.9
PROTEGE GLR	5.8	36.4
PS-2	5.4	4.5
PST-217	5.6	13.6
PST-2AG4	5.7	13.6
PST-2BLK	5.4	13.6
PST-2LAN	5.7	27.3
QUICKSILVER	5.3	9.1
RAD-PR8	5.5	9.1
REGAL 5 (IS-PR 271)	5.8	36.4
REPELL GLS	5.6	13.6
REVENGE GLX (JR-348)	5.9	50.0
RINGER II (O4-BEN)	5.5	4.5
RNS	6.0	59.1
SECRETARIAT II GLSR (LTP-101-GLSR)	5.7	13.6
SILVER DOLLAR	6.0	54.5
SR 4600 (SRX 4SP)	5.8	45.5
SRX 4682	5.3	18.2
STELLAR GL (IS-PR 236)	5.8	27.3
SUNSHINE 2	5.3	9.1
TOP GUN II (JR-324)	5.6	18.2
TR47	5.7	36.4
TRANSFORMER (D04-1667)	5.9	40.9
UNO (D04-11T)	6.1	72.7
VB99	5.7	45.5
WIND DANCE 2 (PWDR)	5.5	22.7
ZOOM (LCK)	6.1	63.6
LSD VALUE	0.2	
C.V. (%)	10.7	

\*/ 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).

\*\*/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

1/ MEAN AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ MAXIMUM IN TOP 25% THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.