

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 2005

<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
Massachusetts	Amherst	MA1
Maryland	College Park	MD1
Maine	Orono	ME1
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 Jersey	Adelphia (Gray Leaf Spot Study)	NJ2
New York	Ithaca	NY1
New York	Ithaca (Traffic Study)	NY2
North Dakota	Fargo	ND1
Oklahoma	Stillwater	OK1
Oregon	Corvallis	OR1
Pennsylvania	University Park	PA1
Quebec	Quebec City	QE1
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	Deutsche Saatveredelung	*41	All*Star 3 (IS-PR 274)	DLF International Seeds	*81	Silver Dollar	Turf-Seed, Inc.
*2	Panther	Standard Entry	*42	Amazing GS (IS-PR 276)	DLF International Seeds	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 (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	SRX 4692	Seed Research of Oregon
12	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 West
15	VB77	Landmark Seed Company	*55	La Quinta (JR-255)	Jacklin Seed/Simplot	*95	Headstart 2	Seed Research of Oregon
16	L44	LESCO, Inc.	*56	Overdrive	Burlingham Seeds, LLC	96	MS2	Pickseed West
*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 (LPFG)	Allied Seed	60	PST-2MNG	Scots 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	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	Scots Turf-Seed	103	AC2	Pickseed West
24	SP4	Smith Seed Services	64	04-BEN	Oregro Seed, Inc.	*104	Pleasure Supreme (PM 103)	Ampac
25	SNR	Smith Seed Services	65	04-BRE	Oregro Seed, Inc.	105	E-99	Ultra-Turf
*26	Phenom (APR 1660)	Ampac Seed Company	*66	Sunshine 2	Pickseed West	106	D04-LP05	The Scotts Company
*27	Delaware XL (Pick 01-2)	Ampac Seed Company	*67	Fiesta 4 (Pick F4)	Pickseed West	107	D04-UP	The Scotts Company
*28	Accent II (JR-119)	Jacklin Seed/Simplot	68	Pick 02-R	Pickseed West	108	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	D04-1667	The Scotts Company
*30	Revenge GLX (JR-348)	Jacklin Seed/Simplot	70	PM 101	Pickseed West	*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	1G2 (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	Pick RB-1	Pickseed West	76	PS-2	LESCO, Inc.	*116	Linn	Standard Entry
37	LCK	Rutgers University	*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 2006.

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

TABLE A.

2005 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	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
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	0-60	0-150	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	ONLY DURING SEVERE STRESS
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	0.0-0.5	TO PREVENT STRESS
ME1	-	-	-	-	-	-	-	-
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
MI2	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
MN1	SILTY CLAY LOAM	6.6-7.0	61-150	151-240	3.1-4.0	FULL SUN	1.6-2.0	NO IRRIGATION
MO1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	2.1-3.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
ND1	SILTY CLAY AND CLAY	7.6-8.5	0-60	0-150	0.0-1.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NE1	SILTY CLAY AND CLAY	7.1-7.5	0-60	0-150	0.0-1.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NE2	SILTY CLAY LOAM	7.1-7.5	0-60	0-150	0.0-1.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	271-450	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	-	-	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	0.0-1.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
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+	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
OR1	SILTY CLAY LOAM	6.1-6.5	61-150	241-375	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
PA1	SILT LOAM AND SILT	6.6-7.0	151-270	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	6.1-6.5	-	-	5.1-6.0	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	2.6-3.0	TO PREVENT STRESS
VA1	SILTY CLAY LOAM	5.6-6.0	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
WA3	-	-	-	-	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 2005

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
IL1			X	X	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	X	
KY1			X	X	X	X	X	X	X	X					
MA1					X	X	X	X	X	X	X		X		
MD1							X	X	X	X					
ME1								X	X	X					
MI1				X		X	X	X	X	X	X				
MI2														X	
MN1					X	X	X	X	X				X		
MO1			X	X	X	X	X	X	X	X	X		X		
ND1					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
NJ2				X	X	X	X	X	X	X	X		X		
NY1							X	X	X	X					
NY2							X	X	X	X					
OK1			X	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						
QE1						X	X	X	X	X			X		X
RI1						X	X	X	X	X	X		X		
SD1						X	X	X	X	X				X	
UT1				X	X	X	X	X	X	X			X	X	
VA1			X	X	X		X		X	X	X		X	X	
WA1						X	X	X	X	X			X		X
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X		
WI1					X	X	X	X	X	X			X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2005

LOCATION	WEAR TOLERANCE	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	RED THREAD	BROWN PATCH WARM TEMP.	PYTHIUM BLIGHT	CROWN RUST
IA1														
IL1														
IL2							X	X						
IN1								X						
KY1														
MA1	X							X				X	X	
MD1														
ME1														
MI1				X	X		X	X						
MI2	X					X		X						
MN1		X			X									
MO1												X		
ND1		X	X	X	X		X	X		X				
NE1			X	X	X									
NE2			X	X	X									
NJ1					X	X	X							
NJ2					X							X		
NY1		X												
NY2		X												
OK1				X		X	X	X	X					
OR1		X			X						X			
PA1													X	
QE1				X	X									
RI1		X					X							X
SD1														
UT1														
VA1														
WA1		X												
WA3			X	X	X		X	X			X			
WI1										X				

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2005

LOCATION	GRAY LEAF SPOT	MOWING QUALITY	PERCENT ESTABLISH- MENT	DISEASE COMPLEX	BROWN PATCH/ BIPOLARIS		BROWN BLIGHT	PERCENT PINK SNOW MOLD		CROWN RUST		WINTER DAMAGE	LOW TEMPERATURE INJURY	WEED RATINGS	VELOCITY® INJURY
					LEAF SPOT	SPOT		JULY 12	JULY 25	JULY 12	JULY 25				
IA1			X												
IL1			X												
IL2			X		X										
IN1	X														
KY1															
MA1			X												
MD1															
ME1			X											X	
MI1															
MI2															
MN1										X	X	X			
MO1															
ND1															
NE1															
NE2															
NJ1	X														
NJ2	X		X												
NY1															
NY2															
OK1			X												
OR1							X								
PA1															X
QE1															
RI1															
SD1			X										X		
UT1			X					X							
VA1															
WA1															
* WA3		X		X											
WI1			X												

* MORE TRAFFIC STUDY DATA FOR WA3 IN TABLE 12.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN AT SIX LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE A (HIGH MAINTENANCE/FAIRWAY)" **/
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IN1	KY1	MD1	NE1	RI1	SD1	MEAN
PICK RB 1	7.4	7.6	6.3	6.4	6.4	6.7	6.8
* DERBY XTREME (IS PR 268)	7.0	7.0	6.6	7.4	6.1	6.7	6.8
* FIESTA 4 (PICK F4)	7.3	7.5	6.7	6.7	6.1	6.5	6.8
* EXACTA II GLSR (LTP 611 GLSR)	7.3	7.4	6.2	6.6	6.3	6.9	6.8
* ALL*STAR 3 (IS PR 274)	7.0	7.4	6.4	7.1	5.9	6.7	6.8
* PARAGON GLR	6.3	7.0	6.6	7.4	6.1	6.9	6.7
MMW	6.8	7.3	6.5	6.9	6.3	6.4	6.7
DO4 11T	6.6	7.2	6.5	6.9	6.0	6.7	6.7
* GL 2	7.5	6.8	6.2	7.0	5.7	6.7	6.6
* REVENGE GLX (JR 348)	7.4	7.1	6.2	6.6	5.8	6.5	6.6
* PLEASURE SUPREME (PM 103)	6.5	6.6	6.1	7.8	5.7	6.9	6.6
* DP1	7.6	7.8	6.1	6.1	5.6	6.2	6.6
* RNS	7.5	6.9	6.2	6.3	5.9	6.6	6.6
* HOMERUN (RG3P)	7.1	7.1	6.5	6.5	5.9	6.2	6.5
* MACH I	6.6	6.4	5.9	7.7	5.9	6.7	6.5
* KEYSTONE 2 (IS PR 312)	7.3	6.8	6.3	6.0	5.9	6.9	6.5
* STELLAR GL (IS PR 236)	7.3	7.1	6.1	6.0	5.7	7.0	6.5
PM 101	7.2	6.4	6.3	7.1	6.1	6.1	6.5
* ATTRIBUTE (IS-PR 270)	7.4	7.6	6.3	6.0	5.8	6.0	6.5
* PALACE (IS PR 273)	7.3	6.7	6.4	6.7	5.6	6.3	6.5
AC2	7.0	6.8	5.8	6.8	6.2	6.3	6.5
LCK	7.2	6.8	6.3	6.0	6.2	6.4	6.5
* \$ILVER DOLLAR	7.1	7.2	5.8	6.7	5.6	6.5	6.5
DCM	7.1	6.4	6.0	6.7	6.1	6.5	6.5
* KOKOMO II (IS-PR 235)	7.5	6.9	5.8	6.5	5.7	6.3	6.5
* PRESIDIO (CNV)	6.8	6.5	5.9	7.3	5.7	6.5	6.5
DO4 1667	6.8	6.9	6.1	6.4	5.7	6.5	6.4
* PROTEGE GLR	6.9	6.5	6.3	5.9	6.6	6.3	6.4
* PINNACLE II	6.7	6.3	5.8	7.0	5.9	6.8	6.4
* SR 4600 (SRX 4SP)	6.7	7.4	6.2	5.8	5.7	6.6	6.4
DO4 UP	7.2	6.7	5.8	6.5	6.1	6.1	6.4
* ASP6004 (EXS54)	7.3	6.5	5.9	6.2	5.9	6.5	6.4
* PRIMARY (IS PR 269)	6.8	6.8	6.3	6.1	5.7	6.4	6.4
PST 2MNG	6.8	6.9	6.4	6.0	5.5	6.5	6.3
MS2	7.0	6.6	6.3	5.8	5.8	6.5	6.3
* BUENA VISTA	7.0	6.6	6.3	6.0	5.8	6.5	6.3
* WIND DANCE 2 (PWDR)	6.7	6.4	6.2	6.4	5.9	6.5	6.3
APR 1648	5.8	6.1	6.0	6.9	5.9	7.3	6.3
TR47	7.3	6.3	5.8	6.7	5.6	6.4	6.3
* HARRIER (SRX 4UP3)	7.1	7.3	6.3	5.8	5.6	5.9	6.3
AF	6.2	7.1	6.0	5.8	6.4	6.3	6.3
* CHARISMATIC II GLSR (LTP PG GLSR)	7.0	6.8	6.3	5.8	5.9	5.9	6.3
* LINE DRIVE GLS (APR 1797)	6.5	7.0	6.2	6.4	5.6	6.1	6.3
* PANTHER GLS	6.5	6.8	6.0	6.2	5.3	6.9	6.3
* ASP6003 (TRS)	7.3	6.3	6.0	6.3	5.5	6.3	6.3

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE A (HIGH MAINTENANCE/FAIRWAY)" **/
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IN1	KY1	MD1	NE1	RI1	SD1	MEAN
* REGAL 5 (IS PR 271)	7.1	6.8	6.6	5.9	5.6	5.7	6.3
* APPLE GL (AAZ B104)	6.8	7.2	6.3	5.5	5.8	6.1	6.3
SP4	6.9	6.3	6.0	6.2	5.7	6.5	6.3
* AMAZING GS (IS-PR 276)	6.7	7.3	6.0	5.7	5.8	6.1	6.2
* DELAWARE XL (PICK 01-2)	6.4	6.4	5.8	6.8	5.2	6.7	6.2
* SECRETARIAT II GLSR (LTP 101 GLSR)	6.4	7.1	5.6	6.0	5.8	6.6	6.2
* PALMER IV	6.5	7.1	5.5	6.6	5.7	6.1	6.2
* OVERDRIVE	6.4	6.3	5.9	6.7	5.4	6.5	6.2
* FIREBOLT (PRG HS 01 09)	7.0	6.1	6.0	6.6	5.3	6.3	6.2
* CABO II (IS-PR 233)	7.0	6.6	5.6	6.2	5.6	6.2	6.2
DP 17 9499	6.3	5.9	5.7	6.7	5.8	6.9	6.2
* FUSION	6.8	6.5	6.0	6.1	5.6	6.2	6.2
* ASP6005 (AJM)	6.8	6.2	5.7	6.3	5.8	6.3	6.2
VB77	7.1	6.1	5.6	6.5	5.4	6.3	6.2
* REPELL GLS	6.3	6.7	6.1	5.8	5.8	6.3	6.2
* TOP GUN II (JR 324)	6.3	6.2	5.8	6.0	5.7	6.8	6.2
* ASP6001 (RTS)	6.4	6.2	5.8	6.9	5.6	6.1	6.1
* 1G2 (APR 1664)	6.1	6.9	6.0	6.0	5.4	6.5	6.1
PST 217	6.2	6.8	6.2	5.9	5.7	6.1	6.1
* ASP6006 (LPFG)	6.9	6.2	5.9	5.8	5.8	6.1	6.1
PST 2GSM	6.5	6.8	6.2	5.4	5.4	6.5	6.1
GPR	6.4	6.5	5.8	6.0	5.3	6.7	6.1
* PIZZAZZ	6.6	5.5	6.0	6.3	5.8	6.5	6.1
* MANHATTAN 5 GLR (PST 2AM)	6.5	6.8	5.9	5.9	5.6	5.9	6.1
SNR	6.5	6.7	5.8	6.1	5.4	6.0	6.1
* DART (APR 1663)	6.5	6.7	5.8	5.9	5.6	6.1	6.1
GRAY STAR (PST 2LGL)	6.7	6.6	5.8	5.6	5.3	6.5	6.1
RAD PR8	6.8	6.8	5.7	5.6	5.3	6.3	6.1
* PHENOM (APR 1660)	6.0	6.5	6.5	5.7	5.7	5.9	6.1
PST 2AG4	6.6	6.3	5.7	5.9	5.4	6.4	6.0
* MONTEREY 3 (JR 408)	6.8	6.3	5.8	5.9	5.2	6.3	6.0
APR 1670	6.4	6.8	5.5	5.7	5.5	6.3	6.0
VB99	6.4	6.5	5.4	5.8	5.6	6.5	6.0
PST 2LAN	6.5	6.6	5.8	5.7	5.8	5.9	6.0
BAR LP 4420	6.4	6.0	5.5	6.5	5.1	6.5	6.0
PICK 02 R	6.5	6.0	4.9	6.8	5.3	6.5	6.0
* ACCENT II (JR 119)	6.3	6.2	5.8	6.0	5.3	6.3	6.0
E 99	6.4	5.9	5.8	6.4	5.8	5.8	6.0
* SUNSHINE 2	6.1	5.7	5.2	6.6	5.3	7.1	6.0
DO4 LPO5	7.0	6.0	5.6	5.7	5.4	6.3	6.0
ES45	6.7	6.2	5.6	6.2	5.1	6.1	6.0
* ASP6002 (BPR)	6.2	6.0	5.7	6.0	5.6	6.4	6.0
* CITATION FORE	6.2	6.6	5.8	5.9	5.3	6.1	6.0
* CADDIESHACK II (JR 163)	6.6	6.4	5.7	5.4	5.7	5.9	5.9
* QUICKSILVER	6.4	6.2	5.5	5.9	5.4	6.2	5.9
GALATTI (DP 17 9502)	6.5	6.2	5.3	5.6	5.5	6.4	5.9

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE A (HIGH MAINTENANCE/FAIRWAY)" **/
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IN1	KY1	MD1	NE1	RI1	SD1	MEAN
O4 BRE	6.2	6.0	5.8	6.0	5.4	6.2	5.9
O4 BEN	5.9	6.2	5.5	6.2	5.5	6.1	5.9
* HALO (KN42)	6.5	6.2	5.3	6.0	5.2	6.1	5.9
* INSPIRE	6.7	5.9	5.8	5.5	5.2	6.1	5.9
L44	6.2	6.3	5.3	5.3	5.4	6.6	5.9
* PREMIER II	5.7	5.8	5.3	5.8	5.5	7.1	5.8
PM 102	6.0	6.1	5.8	6.2	5.3	5.7	5.8
PS 2	6.2	5.3	5.6	6.2	5.4	6.2	5.8
* HEADSTART 2	6.2	5.8	5.2	5.8	5.4	6.3	5.8
PIANIST (DP 17 9505)	6.5	5.9	5.6	6.0	5.4	5.3	5.8
PST 2BLK	6.2	6.0	5.8	5.4	4.9	6.1	5.8
DP 17 9788	5.4	6.3	5.5	5.7	5.4	6.2	5.7
BAR LP 4317	6.1	5.8	5.7	5.5	5.3	6.0	5.7
* GOALKEEPER II (JR 114)	5.8	5.7	4.9	5.8	5.5	6.2	5.7
* PALMER III	5.6	5.7	5.4	6.0	4.9	6.2	5.6
* BRIGHTSTAR SLT	5.8	5.7	5.7	5.1	5.3	6.1	5.6
BAR LP 4920	4.8	5.3	4.8	6.4	5.8	6.5	5.6
SRX 4682	5.5	6.8	4.7	5.0	5.6	6.0	5.6
SRX 4692	5.9	6.8	5.3	5.0	4.8	5.7	5.6
* PENTIUM	5.5	5.8	5.9	4.6	4.9	6.7	5.6
* LA QUINTA (JR 255)	6.3	5.6	5.2	5.4	5.1	5.9	5.6
* BARLENNIUM	5.1	5.2	5.8	5.6	5.3	6.2	5.5
* PANTHER	5.5	4.8	4.9	5.6	5.1	6.4	5.4
* AFFINITY	4.5	4.8	4.9	4.3	5.1	5.8	4.9
LPR 02203	4.8	4.2	4.8	5.1	4.6	5.6	4.8
* PREMIER	4.3	4.8	4.1	4.0	4.9	4.6	4.4
* PINNACLE	3.3	4.3	3.7	3.1	4.4	4.1	3.8
* LINN	2.4	2.5	3.0	1.0	3.3	2.1	2.4
LSD VALUE	0.9	0.7	0.7	1.1	0.6	0.8	0.3
C.V. (%)	8.9	6.6	7.5	11.0	6.4	8.0	8.3

* COMMERCIALY AVAILABLE IN THE USA IN 2006.

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 FT2/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 TWELVE LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE B (MEDIUM MAINTENANCE/ATHLETIC FIELD)" */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IL1	IL2	ME1	MI1	ND1	NJ1	NY1	OR1	PA1	VA1	WA1	WI1	MEAN
D04 11T	5.7	5.7	7.3	6.7	4.5	7.8	6.3	6.0	7.5	5.9	6.6	5.7	6.3
SR 4600 (SRX 4SP)	4.9	6.3	6.8	6.8	4.9	7.0	6.2	5.8	6.5	6.2	6.9	6.4	6.2
PRIMARY (IS PR 269)	5.0	6.0	6.9	6.4	4.8	6.8	5.8	5.9	7.1	5.8	6.2	6.9	6.1
PARAGON GLR	5.4	5.2	6.8	6.4	5.1	6.8	5.8	6.3	6.8	6.3	6.7	6.1	6.1
LCK	5.5	6.6	6.8	6.2	4.4	6.6	6.1	5.9	7.1	5.5	6.1	6.8	6.1
FIESTA 4 (PICK F4)	4.8	6.3	6.0	6.0	5.1	6.8	6.0	6.0	7.7	5.6	6.5	6.7	6.1
D04 1667	6.0	6.6	6.4	5.7	5.3	6.9	5.6	6.1	7.2	5.8	6.5	5.5	6.1
REGAL 5 (IS PR 271)	5.7	6.2	7.0	6.0	3.4	7.3	6.2	6.1	7.6	5.5	6.5	5.8	6.1
PALMER IV	5.9	5.4	6.6	5.2	5.6	6.5	6.3	6.0	6.9	5.9	6.7	6.3	6.1
KEYSTONE 2 (IS PR 312)	5.6	6.3	6.8	6.3	5.1	6.5	5.9	5.9	7.3	5.7	6.3	5.3	6.1
1G2 (APR 1664)	5.3	6.0	6.7	6.5	5.3	6.6	5.8	5.2	6.9	6.2	6.5	5.7	6.1
ATTRIBUTE (IS-PR 270)	5.1	6.4	6.2	6.3	4.8	7.0	5.9	6.0	7.4	5.6	6.5	5.3	6.0
AMAZING GS (IS-PR 276)	5.6	5.4	6.8	6.6	4.7	7.1	6.1	5.8	7.0	5.5	6.8	5.2	6.0
RNS	5.4	6.0	6.3	5.7	4.9	7.3	5.9	6.1	7.7	5.3	6.2	5.3	6.0
PANTHER GLS	6.0	5.8	6.4	4.8	5.2	6.7	6.4	5.9	7.2	5.7	6.1	6.1	6.0
HOMERUN (RG3P)	5.7	6.0	7.0	6.0	5.2	6.9	5.9	6.3	7.5	5.5	6.3	3.8	6.0
GL 2	5.3	5.8	6.9	5.4	4.8	6.8	5.7	5.8	7.3	5.2	6.5	6.3	6.0
APPLE GL (AAZ B104)	5.3	5.6	7.2	6.8	4.7	6.4	6.0	5.8	6.5	5.7	6.5	5.4	6.0
SECRETARIAT II GLSR (LTP 101 GLSR)	5.1	6.5	6.3	6.2	4.8	6.6	5.4	5.4	6.9	6.0	6.2	6.3	6.0
DP1	5.0	5.6	5.4	6.5	4.9	7.0	5.8	5.7	7.5	6.3	6.4	5.7	6.0
ALL*STAR 3 (IS PR 274)	4.8	5.8	6.7	6.3	3.9	7.2	5.8	6.1	7.5	5.2	6.6	5.9	6.0
DERBY XTREME (IS PR 268)	5.5	6.3	6.7	6.7	4.1	6.8	5.9	6.0	6.7	5.6	6.3	4.9	6.0
OVERDRIVE	6.0	6.9	6.0	5.8	4.7	5.2	6.1	6.2	7.0	5.6	5.9	5.8	5.9
PLEASURE SUPREME (PM 103)	4.5	5.9	6.3	6.3	4.4	5.5	5.7	5.6	7.5	5.8	6.7	6.7	5.9
MMW	5.2	6.3	6.0	6.2	4.8	6.8	5.4	5.9	6.9	6.0	6.3	5.1	5.9
REVENGE GLX (JR 348)	5.0	5.9	6.1	6.0	5.4	6.6	5.6	5.7	6.7	5.7	6.3	5.9	5.9
MACH I	6.1	5.3	6.4	6.9	5.4	4.1	5.8	5.9	7.2	5.4	6.7	5.7	5.9
AF	4.4	6.0	6.9	6.4	4.9	6.4	6.0	5.5	7.0	5.3	6.3	5.8	5.9
STELLAR GL (IS PR 236)	5.0	5.6	6.8	6.1	4.8	6.4	5.7	5.6	6.7	5.6	6.7	5.9	5.9
PALACE (IS PR 273)	5.5	5.7	6.8	6.0	3.6	6.7	5.3	5.6	7.9	5.7	6.6	5.3	5.9
DCM	5.0	6.0	6.7	6.3	4.9	6.3	5.4	5.5	7.1	6.0	6.5	4.7	5.9
HARRIER (SRX 4UP3)	4.8	4.3	6.3	5.9	4.9	6.9	6.2	5.2	6.7	6.0	6.7	6.5	5.9
PM 101	6.2	6.3	6.1	6.0	4.2	4.0	5.9	6.3	7.6	5.3	6.7	5.7	5.9
PICK RB 1	4.4	6.0	6.0	6.4	4.6	7.0	5.8	5.9	6.9	5.4	6.7	5.1	5.9
MANHATTAN 5 GLR (PST 2AM)	5.4	5.7	6.1	5.6	3.9	6.1	6.1	5.7	6.8	6.0	6.0	6.7	5.8
APR 1648	5.6	6.3	6.1	5.6	4.2	3.9	5.7	6.3	8.1	5.6	6.7	6.0	5.8
RAD PR8	5.5	6.7	6.1	5.3	4.6	5.8	6.1	5.4	6.9	5.6	6.3	5.8	5.8
DART (APR 1663)	5.2	5.3	6.8	6.1	4.6	6.5	5.8	5.4	6.8	5.2	6.7	5.4	5.8
LINE DRIVE GLS (APR 1797)	5.3	5.2	5.9	5.4	4.1	6.7	5.9	6.1	6.9	5.8	6.6	6.1	5.8
ASP6005 (AJM)	5.5	5.4	6.1	5.7	4.7	5.5	6.2	5.4	7.5	5.1	6.3	6.5	5.8
PROTEGE GLR	5.0	4.5	7.2	6.0	4.8	6.0	6.1	6.0	6.3	5.5	7.1	5.3	5.8
REPELL GLS	5.5	6.7	5.7	5.5	4.8	5.7	6.0	5.9	6.6	5.6	6.4	5.6	5.8
APR 1670	5.2	5.5	6.9	5.0	4.2	6.7	5.9	5.9	6.8	5.6	6.2	5.9	5.8
D04 UP	5.1	5.7	6.9	5.9	4.3	6.2	6.0	5.8	6.9	5.7	6.5	4.8	5.8
BUENA VISTA	4.8	5.8	7.0	6.2	4.4	6.0	5.8	6.1	6.8	5.4	6.5	4.9	5.8

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN AT TWELVE LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE B (MEDIUM MAINTENANCE/ATHLETIC FIELD)" */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IL1	IL2	ME1	MI1	ND1	NJ1	NY1	OR1	PA1	VA1	WA1	WI1	MEAN
FUSION	5.5	5.0	6.9	6.0	4.6	6.0	6.1	5.9	7.1	5.5	6.3	4.8	5.8
KOKOMO II (IS-PR 235)	4.7	5.6	6.4	6.1	4.2	6.7	5.6	6.1	6.9	5.6	6.5	5.4	5.8
VB77	4.9	5.8	5.0	6.3	5.1	5.0	6.3	5.2	7.7	6.0	6.7	5.7	5.8
PST 2GSM	4.7	6.0	5.3	5.8	4.2	6.5	5.8	5.2	6.9	5.9	6.3	6.8	5.8
CHARISMATIC II GLSR (LTP PG GLSR)	5.0	5.3	6.6	5.9	4.9	6.4	5.8	5.4	6.1	6.1	5.8	5.9	5.8
\$ILVER DOLLAR	5.4	5.8	5.3	5.7	4.5	6.6	5.0	5.4	6.9	6.0	6.5	6.2	5.8
CITATION FORE	5.6	5.6	6.2	5.3	5.1	5.3	6.0	5.4	6.9	6.2	6.1	5.5	5.8
EXACTA II GLSR (LTP 611 GLSR)	4.7	5.0	6.8	6.5	4.4	6.5	5.8	6.0	7.0	5.3	6.6	4.6	5.8
GPR	4.6	5.6	6.3	5.7	5.0	4.8	6.0	6.0	7.5	5.2	6.6	5.7	5.8
DP 17 9499	6.0	6.4	6.1	5.4	3.7	4.4	6.3	5.2	6.8	5.5	6.7	6.6	5.7
CABO II (IS-PR 233)	4.9	5.5	6.4	6.0	3.6	6.5	6.3	6.1	7.6	5.2	6.4	4.4	5.7
PST 2MNG	4.7	5.8	6.0	5.1	4.2	6.0	5.7	5.6	6.8	5.7	6.3	6.9	5.7
GRAY STAR (PST 2LGL)	5.3	4.9	6.4	5.5	4.4	5.3	6.3	5.3	7.1	5.3	7.1	5.9	5.7
MS2	5.6	5.1	5.6	5.2	4.9	5.6	6.2	5.6	7.7	5.4	6.9	4.8	5.7
PST 217	5.5	6.1	6.2	5.9	5.1	4.8	6.1	5.3	7.3	5.9	5.9	4.6	5.7
QUICKSILVER	5.4	5.1	6.1	6.1	4.7	4.0	5.9	5.1	7.2	5.7	6.5	6.1	5.7
TR47	5.4	5.2	5.8	5.7	4.4	4.8	6.2	5.2	7.6	5.6	6.7	5.2	5.7
PST 2LAN	4.6	5.7	5.7	5.8	4.5	5.4	6.1	5.8	6.4	5.7	5.9	6.3	5.6
PHENOM (APR 1660)	5.0	5.0	5.8	5.1	4.7	6.5	6.2	5.2	6.7	5.6	6.8	5.2	5.6
E 99	4.9	6.0	6.2	5.5	4.4	5.2	6.0	5.1	6.8	5.8	5.8	5.7	5.6
AC2	4.9	5.4	5.9	5.8	2.8	5.3	5.0	5.9	7.5	5.7	6.4	6.6	5.6
PRESIDIO (CNV)	5.5	5.1	6.1	5.9	4.4	4.7	6.0	5.5	7.5	4.9	6.5	5.2	5.6
04 BEN	5.1	5.1	6.3	5.8	4.5	5.3	5.8	5.9	6.7	5.7	5.9	5.2	5.6
ASP6002 (BPR)	5.0	5.8	5.6	5.8	3.9	5.0	5.8	5.2	7.6	5.5	6.7	5.3	5.6
VB99	4.3	5.9	6.2	5.7	4.1	4.6	6.1	5.6	7.3	5.5	6.7	5.1	5.6
ASP6004 (EXS54)	5.2	5.5	5.7	5.6	4.3	4.9	5.9	5.1	7.8	5.6	6.5	4.9	5.6
INSPIRE	5.5	5.8	5.7	5.5	4.7	3.6	5.9	5.7	7.1	5.8	6.0	5.7	5.6
D04 LP05	4.8	4.8	5.9	5.7	4.7	3.6	6.1	5.7	7.1	5.8	6.7	6.0	5.6
GALATTI (DP 17 9502)	5.0	5.2	6.1	5.9	4.6	4.4	5.8	5.5	7.1	5.3	6.1	5.6	5.6
PIZZAZZ	4.9	4.3	6.2	6.4	4.7	4.7	5.7	5.6	6.9	5.3	6.8	5.1	5.5
PS 2	5.5	5.0	5.9	5.3	3.9	3.5	6.1	5.6	7.6	5.5	6.4	6.1	5.5
ES45	4.4	5.3	5.9	4.9	4.8	5.2	5.9	5.3	7.0	5.7	6.3	5.6	5.5
BRIGHTSTAR SLT	4.6	5.3	6.6	5.8	5.0	4.0	6.4	5.2	6.6	5.7	5.8	5.4	5.5
PENTIUM	5.5	5.3	5.9	5.1	4.7	4.3	6.1	5.4	6.9	5.7	6.0	5.5	5.5
ASP6006 (LPFG)	5.6	5.1	5.9	6.2	4.8	5.0	5.8	5.5	7.1	5.0	6.5	3.8	5.5
ACCENT II (JR 119)	4.9	5.0	5.6	5.7	5.2	4.1	5.9	5.3	6.9	5.9	5.9	5.8	5.5
DELAWARE XL (PICK 01-2)	4.5	4.5	5.9	5.6	4.4	4.8	6.0	5.2	7.5	5.4	6.9	5.4	5.5
MONTEREY 3 (JR 408)	4.6	5.9	5.4	5.7	4.5	3.5	5.8	5.6	7.2	6.2	6.5	5.2	5.5
FIREBOLT (PRG HS 01 09)	4.7	5.6	5.7	5.5	3.9	4.0	5.8	6.3	7.3	5.6	6.4	5.1	5.5
SUNSHINE 2	5.0	4.8	6.1	5.3	4.7	3.5	6.0	6.1	7.0	5.4	6.7	5.3	5.5
WIND DANCE 2 (PWDR)	6.1	4.6	5.8	5.9	4.7	5.1	6.3	5.1	7.2	5.3	6.4	3.6	5.5
ASP6003 (TRS)	4.2	4.9	6.0	6.0	4.4	4.3	5.9	5.5	7.5	5.1	6.5	5.4	5.5
PINNACLE II	5.8	5.3	6.0	4.8	4.4	4.7	5.8	4.8	7.3	5.3	6.4	5.1	5.5
BAR LP 4420	5.5	4.7	5.8	5.6	4.2	4.3	5.9	5.4	7.2	5.2	6.8	5.1	5.5
PST 2AG4	4.7	5.7	5.9	4.2	3.9	5.9	6.2	4.8	6.9	5.1	6.3	5.9	5.5
CADDIESHACK II (JR 163)	4.4	5.7	6.0	5.1	4.3	3.1	6.0	5.9	6.9	5.7	5.5	6.3	5.4

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN AT TWELVE LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE B (MEDIUM MAINTENANCE/ATHLETIC FIELD)" */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IL1	IL2	ME1	MI1	ND1	NJ1	NY1	OR1	PA1	VA1	WA1	WI1	MEAN
BAR LP 4920	5.1	4.3	5.8	5.9	4.4	3.8	5.9	5.6	7.1	5.5	6.7	4.9	5.4
TOP GUN II (JR 324)	5.3	5.0	5.4	5.7	3.9	3.8	5.8	5.3	7.5	5.6	6.1	5.4	5.4
PICK 02 R	4.3	4.2	5.9	6.2	4.9	3.5	5.5	5.9	7.7	5.2	6.1	5.3	5.4
L44	4.4	5.4	5.6	5.4	4.4	4.5	6.0	5.3	7.1	5.3	6.4	4.9	5.4
PM 102	5.1	5.2	5.4	5.6	3.5	3.8	5.7	5.6	7.1	5.4	6.9	5.1	5.4
BAR LP 4317	5.6	4.4	5.2	5.0	4.7	4.2	5.4	5.2	6.6	5.6	6.2	6.4	5.4
SRX 4692	4.6	5.5	5.9	3.9	3.8	6.8	5.5	4.9	6.8	5.3	6.3	5.1	5.4
SNR	5.2	5.1	5.4	5.2	4.0	5.0	5.9	5.3	7.3	5.4	6.4	4.1	5.4
BARLENNIUM	4.5	5.4	6.2	5.0	4.0	3.7	5.5	5.6	6.5	5.8	6.3	5.6	5.3
GOALKEEPER II (JR 114)	4.8	5.4	5.2	5.4	4.8	3.3	6.4	5.3	6.8	5.6	5.8	5.2	5.3
PREMIER II	4.6	5.7	6.4	4.8	3.6	3.4	6.4	5.3	6.6	5.4	5.9	5.8	5.3
SRX 4682	5.2	5.6	5.2	4.1	4.1	5.8	5.9	4.4	6.1	6.0	6.2	5.2	5.3
PST 2BLK	5.5	5.4	5.1	5.0	3.9	4.9	5.6	4.9	6.6	5.1	5.9	5.9	5.3
HEADSTART 2	5.5	4.9	5.3	5.4	4.9	3.3	5.6	5.7	7.3	4.9	6.7	4.2	5.3
ASP6001 (RTS)	4.3	4.9	5.8	5.0	4.4	4.1	5.9	4.8	7.2	5.6	6.5	5.1	5.3
HALO (KN42)	4.9	5.0	5.6	5.0	3.6	4.2	6.2	5.3	7.5	5.4	6.9	4.0	5.3
O4 BRE	4.1	4.6	5.8	5.0	4.7	5.3	5.8	5.6	6.9	5.9	5.9	3.9	5.3
DP 17 9788	5.4	4.9	6.0	5.9	2.5	4.1	5.6	5.4	6.8	5.2	5.9	5.6	5.3
LA QUINTA (JR 255)	5.2	5.1	5.6	4.4	4.3	3.7	5.7	5.2	6.5	5.8	5.9	5.8	5.3
SP4	5.4	4.7	5.6	5.4	4.6	4.2	6.1	4.8	7.1	5.3	6.7	3.3	5.3
PALMER III	4.9	5.8	5.9	4.5	3.7	3.7	5.6	4.9	6.5	5.8	6.1	5.1	5.2
PIANIST (DP 17 9505)	5.1	5.2	6.3	4.8	3.3	3.6	6.3	5.3	6.9	5.4	6.0	3.7	5.1
PANTHER	4.5	4.4	6.2	4.7	4.3	2.7	6.1	5.6	6.0	5.3	5.5	4.8	5.0
AFFINITY	4.5	4.3	5.2	4.5	4.6	3.9	5.9	5.5	5.5	5.3	5.2	5.1	5.0
PREMIER	4.2	5.7	5.1	4.5	3.7	3.7	5.8	5.5	5.3	5.6	4.9	4.7	4.9
PINNACLE	4.6	4.5	5.4	4.6	3.6	2.9	6.0	5.4	5.1	4.9	4.9	4.1	4.7
LPR 02203	3.9	3.9	5.3	3.8	3.8	2.2	5.8	5.1	5.7	4.5	5.3	4.8	4.5
LINN	3.6	2.0	4.3	3.0	2.2	1.0	4.5	3.7	3.3	3.4	2.7	2.9	3.0
LSD VALUE	1.1	1.0	1.2	1.0	1.1	0.8	0.7	0.8	0.7	0.7	0.7	2.2	0.3
C.V. (%)	13.5	11.0	12.7	10.8	16.0	8.9	7.0	8.7	6.1	8.2	7.3	25.1	11.9

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.

*/ SCHEDULE B 1 2 INCH MOWING HEIGHT
 1/2 1 lb. N/1000 FT²/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 SEVEN LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE C (HOME LAWN)" */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IA1	MA1	MN1	MO1	OK1	QE1	UT1	MEAN
APR 1648	8.1	6.7	6.3	6.7	6.0	6.3	6.1	6.6
EXACTA II GLSR (LTP 611 GLSR)	7.7	6.1	6.3	6.9	6.1	6.5	6.1	6.5
HOMERUN (RG3P)	7.8	6.1	5.9	6.9	6.3	6.4	5.4	6.4
ALL*STAR 3 (IS PR 274)	8.0	6.5	6.0	6.4	4.8	6.6	6.3	6.4
WIND DANCE 2 (PWDR)	7.8	6.2	5.5	6.6	6.3	6.3	5.7	6.4
RNS	8.1	6.5	6.4	6.6	4.8	6.7	5.4	6.3
ASP6006 (LPFG)	8.1	5.8	5.4	6.5	7.3	5.9	5.3	6.3
PM 101	8.1	6.1	5.1	6.7	5.4	6.5	6.4	6.3
DERBY XTREME (IS PR 268)	8.0	6.2	5.6	6.6	5.2	6.9	5.5	6.3
MMW	7.9	6.4	6.0	6.6	5.4	6.2	5.5	6.3
FIREBOLT (PRG HS 01 09)	7.7	6.1	5.1	7.0	6.1	5.9	6.1	6.3
REVENGE GLX (JR 348)	7.7	6.0	5.5	6.2	6.9	6.6	5.2	6.3
REGAL 5 (IS PR 271)	7.6	6.4	5.8	6.4	5.7	6.3	5.7	6.3
DO4 1667	7.8	6.6	4.8	6.8	6.4	6.2	5.4	6.3
VB77	7.6	5.9	5.5	6.6	6.4	6.3	5.5	6.3
ASP6004 (EXS54)	7.8	6.1	5.3	6.5	5.6	6.3	6.2	6.3
PIZZAZZ	7.6	6.1	5.9	6.2	6.1	6.0	5.7	6.2
ATTRIBUTE (IS-PR 270)	7.7	6.4	5.0	6.3	5.6	6.6	6.1	6.2
DO4 11T	7.9	6.4	4.8	6.7	5.5	6.4	6.0	6.2
SR 4600 (SRX 4SP)	7.3	6.3	5.5	6.6	5.6	6.7	5.7	6.2
VB99	7.7	6.5	5.5	6.4	5.1	6.6	5.8	6.2
SNR	7.6	6.2	5.8	6.6	5.6	5.9	5.9	6.2
TR47	7.5	6.1	5.2	6.3	6.0	6.1	6.0	6.2
DCM	8.0	6.1	5.7	6.2	5.8	6.4	5.1	6.2
PICK RB 1	7.7	6.3	6.0	6.5	4.6	6.4	5.7	6.2
KEYSTONE 2 (IS PR 312)	8.0	6.4	5.8	6.4	4.8	6.1	5.6	6.2
DP1	7.9	6.0	5.9	6.3	5.3	6.2	5.6	6.2
STELLAR GL (IS PR 236)	7.9	6.5	5.5	6.1	5.6	6.2	5.3	6.2
ACCENT II (JR 119)	7.6	6.1	4.7	6.2	6.9	5.8	5.8	6.2
DELAWARE XL (PICK 01-2)	7.5	6.4	5.5	6.6	5.1	6.5	5.5	6.1
MS2	7.5	5.8	5.7	6.2	5.4	6.1	6.3	6.1
ES45	7.7	5.8	5.8	6.5	5.9	6.2	5.0	6.1
GPR	8.2	6.4	5.3	7.0	5.0	6.0	5.1	6.1
\$ILVER DOLLAR	8.0	5.9	4.7	6.4	6.0	6.5	5.3	6.1
SP4	8.1	6.5	4.9	6.0	5.5	6.2	5.5	6.1
ASP6003 (TRS)	7.6	6.1	5.5	6.4	4.9	6.1	6.0	6.1
AMAZING GS (IS-PR 276)	7.7	6.0	5.6	6.6	4.8	6.3	5.8	6.1
LINE DRIVE GLS (APR 1797)	7.7	6.5	4.4	6.3	6.1	6.1	5.6	6.1
CABO II (IS-PR 233)	7.9	6.6	5.6	6.3	4.9	6.1	5.2	6.1
AF	7.6	5.8	5.5	6.7	5.5	6.4	5.0	6.1
1G2 (APR 1664)	7.5	6.1	5.9	6.2	4.7	6.7	5.3	6.1
LCK	7.7	6.2	5.5	6.5	4.5	6.6	5.5	6.1
PALACE (IS PR 273)	7.6	6.0	5.3	6.4	5.1	6.4	5.7	6.1
GL 2	7.8	6.5	5.6	6.1	4.9	6.3	5.1	6.1
HALO (KN42)	7.4	5.9	5.1	6.6	5.5	6.1	5.6	6.0

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SEVEN LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE C (HOME LAWN)" */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IA1	MA1	MN1	MO1	OK1	QE1	UT1	MEAN
AC2	7.7	6.0	5.1	6.7	4.9	6.3	5.5	6.0
O4 BRE	7.4	5.8	5.4	6.3	5.8	6.0	5.5	6.0
ASP6002 (BPR)	7.7	6.0	5.2	6.0	5.0	5.8	6.3	6.0
TOP GUN II (JR 324)	7.9	6.1	4.6	6.5	5.7	5.6	5.7	6.0
DO4 LP05	7.9	6.1	4.8	5.8	5.5	6.5	5.4	6.0
FIESTA 4 (PICK F4)	7.4	6.1	4.5	6.5	5.3	6.7	5.6	6.0
PRIMARY (IS PR 269)	7.9	5.6	5.1	5.7	5.4	6.7	5.5	6.0
FUSION	8.0	6.1	5.2	6.4	4.9	6.2	5.0	6.0
MACH I	7.7	6.2	5.5	5.9	4.3	6.7	5.6	6.0
DART (APR 1663)	7.5	5.9	4.7	6.3	5.7	6.3	5.5	6.0
CITATION FORE	7.4	6.4	4.8	6.0	6.6	6.0	4.7	6.0
L44	7.5	5.9	5.5	6.3	5.3	5.9	5.4	6.0
SECRETARIAT II GLSR (LTP 101 GLSR)	7.7	6.0	5.4	6.0	6.2	6.1	4.4	6.0
REPELL GLS	7.6	5.7	4.8	6.5	5.7	6.3	5.2	6.0
PARAGON GLR	8.1	5.8	5.2	5.9	5.4	5.9	5.5	6.0
GOALKEEPER II (JR 114)	7.7	5.5	5.1	6.2	5.9	5.7	5.3	5.9
ASP6001 (RTS)	7.7	6.1	5.0	6.1	5.6	6.1	5.0	5.9
BAR LP 4317	7.7	6.0	4.7	6.0	6.5	6.1	4.6	5.9
O4 BEN	7.2	6.1	4.7	5.6	6.9	5.6	5.4	5.9
PANTHER GLS	7.5	6.1	5.7	6.1	4.6	5.9	5.5	5.9
DP 17 9499	7.7	6.3	4.9	6.4	4.6	6.1	5.5	5.9
PALMER IV	7.7	5.9	5.0	6.3	4.5	6.6	5.5	5.9
PLEASURE SUPREME (PM 103)	7.5	6.0	5.1	6.2	4.5	6.1	6.0	5.9
PIANIST (DP 17 9505)	7.8	6.1	4.7	6.0	5.4	6.1	5.3	5.9
GALATTI (DP 17 9502)	7.7	5.8	5.0	6.3	4.9	6.1	5.8	5.9
MANHATTAN 5 GLR (PST 2AM)	7.7	5.9	5.2	5.8	5.7	6.2	5.0	5.9
OVERDRIVE	7.3	6.0	5.3	6.4	4.6	6.3	5.5	5.9
INSPIRE	7.8	5.9	4.3	5.7	5.9	6.2	5.6	5.9
PST 2MNG	7.9	5.6	5.0	6.2	5.3	6.5	4.9	5.9
PM 102	7.5	6.0	4.4	6.4	5.4	6.5	5.1	5.9
PINNACLE II	7.9	5.8	5.1	5.8	5.2	6.5	5.1	5.9
KOKOMO II (IS-PR 235)	7.9	5.8	4.7	6.0	5.4	6.5	5.0	5.9
BAR LP 4920	7.7	6.0	5.2	5.7	5.6	6.3	4.7	5.9
PRESIDIO (CNV)	7.3	6.0	6.1	6.4	4.0	6.5	5.0	5.9
APPLE GL (AAZ B104)	7.6	6.1	5.3	5.7	5.4	6.8	4.3	5.9
PHENOM (APR 1660)	7.6	6.2	4.2	6.1	4.8	6.7	5.5	5.9
BAR LP 4420	7.4	6.0	5.1	5.6	5.8	5.9	5.3	5.9
PST 2GSM	7.6	6.2	4.7	6.0	5.6	6.2	4.8	5.9
RAD PR8	8.1	6.1	4.9	6.0	5.2	5.7	5.1	5.9
QUICKSILVER	8.0	6.0	4.3	6.1	5.9	6.0	4.8	5.9
PROTEGE GLR	7.8	6.3	5.5	6.3	4.4	6.5	4.2	5.9
CADDIESHACK II (JR 163)	7.3	5.5	4.5	5.9	6.7	5.6	5.4	5.8
LA QUINTA (JR 255)	7.6	5.6	5.1	5.8	5.2	6.2	5.4	5.8
ASP6005 (AJM)	7.7	6.2	4.5	6.3	5.1	5.9	5.1	5.8
PICK O2 R	7.2	5.3	5.5	6.1	4.7	6.1	5.8	5.8
SUNSHINE 2	7.3	5.2	5.9	5.7	5.4	6.0	5.1	5.8

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SEVEN LOCATIONS IN THE U.S. AND CANADA 1/
 USING "SCHEDULE C (HOME LAWN)" */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IA1	MA1	MN1	MO1	OK1	QE1	UT1	MEAN
PST 2LAN	7.6	5.7	5.0	5.6	5.8	6.3	4.6	5.8
BUENA VISTA	7.9	5.8	4.9	5.8	4.8	6.3	5.1	5.8
SRX 4692	7.4	5.8	4.3	6.2	6.1	5.8	4.9	5.8
HARRIER (SRX 4UP3)	8.1	5.9	5.0	5.9	4.1	6.8	4.7	5.8
BRIGHTSTAR SLT	7.5	5.6	4.5	5.7	6.0	5.9	5.1	5.8
MONTEREY 3 (JR 408)	7.5	5.7	4.9	6.4	5.3	5.4	5.1	5.8
APR 1670	7.2	6.0	4.3	5.9	6.3	5.7	5.1	5.8
BARLENNIUM	7.3	5.7	4.9	5.7	5.7	5.8	5.1	5.7
DP 17 9788	7.3	6.1	4.5	5.7	5.6	5.8	5.2	5.7
PS 2	7.2	6.0	4.9	6.2	5.0	5.8	5.1	5.7
PENTIUM	7.6	5.9	4.1	6.5	5.4	5.9	4.6	5.7
DO4 UP	7.9	5.7	4.6	5.7	4.4	6.7	4.8	5.7
HEADSTART 2	7.6	5.6	5.1	6.0	4.9	5.6	4.9	5.7
PST 217	7.5	5.6	4.8	6.2	4.9	5.9	4.8	5.7
CHARISMATIC II GLSR (LTP PG GLSR)	7.3	6.1	5.2	5.9	4.7	5.7	4.6	5.7
GRAY STAR (PST 2LGL)	7.9	6.0	4.5	5.8	4.3	6.3	4.8	5.6
E 99	7.7	6.0	4.1	5.7	4.9	6.0	4.9	5.6
SRX 4682	6.9	5.7	4.4	5.8	6.4	5.6	4.4	5.6
PST 2AG4	7.8	5.8	5.0	5.7	5.1	6.2	3.3	5.6
PREMIER II	7.3	6.0	4.4	5.9	5.0	5.6	4.8	5.6
PST 2BLK	7.2	5.7	4.7	5.9	6.1	6.1	2.7	5.5
PALMER III	7.2	5.8	4.5	5.7	4.8	5.6	4.9	5.5
PANTHER	7.5	5.1	3.7	5.3	5.6	5.3	4.2	5.2
LPR 02203	6.9	4.4	3.5	5.2	5.9	5.4	4.0	5.1
AFFINITY	6.7	5.5	3.0	4.7	5.3	5.2	3.9	4.9
PREMIER	6.5	5.3	2.9	4.4	5.1	5.5	3.7	4.8
PINNACLE	6.5	5.0	2.3	4.5	4.8	4.9	3.6	4.5
LINN	5.6	3.0	1.0	3.4	4.0	4.1	2.6	3.4
LSD VALUE	0.7	0.6	0.9	0.8	1.5	0.6	0.9	0.3
C.V. (%)	5.3	6.5	11.5	7.6	16.9	5.8	10.8	9.3

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.

*/ SCHEDULE C 1.5 2.5 INCH MOWING HEIGHT
 0.3 0.5 lb. N/1000 FT2/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 SEVEN LOCATIONS 1/
 IN THE NORTHEAST REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	MA1	ME1	NJ1	NY1	PA1	QE1	RI1	MEAN
D04 11T	6.4	7.3	7.8	6.3	7.5	6.4	6.0	6.8
REGAL 5 (IS PR 271)	6.4	7.0	7.3	6.2	7.6	6.3	5.6	6.6
RNS	6.5	6.3	7.3	5.9	7.7	6.7	5.9	6.6
ALL*STAR 3 (IS PR 274)	6.5	6.7	7.2	5.8	7.5	6.6	5.9	6.6
HOMERUN (RG3P)	6.1	7.0	6.9	5.9	7.5	6.4	5.9	6.5
LCK	6.2	6.8	6.6	6.1	7.1	6.6	6.2	6.5
DERBY XTREME (IS PR 268)	6.2	6.7	6.8	5.9	6.7	6.9	6.1	6.5
ATTRIBUTE (IS-PR 270)	6.4	6.2	7.0	5.9	7.4	6.6	5.8	6.5
FIESTA 4 (PICK F4)	6.1	6.0	6.8	6.0	7.7	6.7	6.1	6.5
GL 2	6.5	6.9	6.8	5.7	7.3	6.3	5.7	6.5
SR 4600 (SRX 4SP)	6.3	6.8	7.0	6.2	6.5	6.7	5.7	6.5
CABO II (IS-PR 233)	6.6	6.4	6.5	6.3	7.6	6.1	5.6	6.4
KEYSTONE 2 (IS PR 312)	6.4	6.8	6.5	5.9	7.3	6.1	5.9	6.4
PROTEGE GLR	6.3	7.2	6.0	6.1	6.3	6.5	6.6	6.4
AMAZING GS (IS-PR 276)	6.0	6.8	7.1	6.1	7.0	6.3	5.8	6.4
EXACTA II GLSR (LTP 611 GLSR)	6.1	6.8	6.5	5.8	7.0	6.5	6.3	6.4
PICK RB 1	6.3	6.0	7.0	5.8	6.9	6.4	6.4	6.4
AF	5.8	6.9	6.4	6.0	7.0	6.4	6.4	6.4
APPLE GL (AAZ B104)	6.1	7.2	6.4	6.0	6.5	6.8	5.8	6.4
PRIMARY (IS PR 269)	5.6	6.9	6.8	5.8	7.1	6.7	5.7	6.4
D04 1667	6.6	6.4	6.9	5.6	7.2	6.2	5.7	6.4
PALACE (IS PR 273)	6.0	6.8	6.7	5.3	7.9	6.4	5.6	6.4
HARRIER (SRX 4UP3)	5.9	6.3	6.9	6.2	6.7	6.8	5.6	6.3
D04 UP	5.7	6.9	6.2	6.0	6.9	6.7	6.1	6.3
PALMER IV	5.9	6.6	6.5	6.3	6.9	6.6	5.7	6.3
1G2 (APR 1664)	6.1	6.7	6.6	5.8	6.9	6.7	5.4	6.3
PANTHER GLS	6.1	6.4	6.7	6.4	7.2	5.9	5.3	6.3
FUSION	6.1	6.9	6.0	6.1	7.1	6.2	5.6	6.3
MMW	6.4	6.0	6.8	5.4	6.9	6.2	6.3	6.3
DCM	6.1	6.7	6.3	5.4	7.1	6.4	6.1	6.3
STELLAR GL (IS PR 236)	6.5	6.8	6.4	5.7	6.7	6.2	5.7	6.3
PARAGON GLR	5.8	6.8	6.8	5.8	6.8	5.9	6.1	6.3
DART (APR 1663)	5.9	6.8	6.5	5.8	6.8	6.3	5.6	6.2
PHENOM (APR 1660)	6.2	5.8	6.5	6.2	6.7	6.7	5.7	6.2
KOKOMO II (IS-PR 235)	5.8	6.4	6.7	5.6	6.9	6.5	5.7	6.2
BUENA VISTA	5.8	7.0	6.0	5.8	6.8	6.3	5.8	6.2
LINE DRIVE GLS (APR 1797)	6.5	5.9	6.7	5.9	6.9	6.1	5.6	6.2
DP1	6.0	5.4	7.0	5.8	7.5	6.2	5.6	6.2
APR 1670	6.0	6.9	6.7	5.9	6.8	5.7	5.5	6.2
REVENGE GLX (JR 348)	6.0	6.1	6.6	5.6	6.7	6.6	5.8	6.2
ASP6005 (AJM)	6.2	6.1	5.5	6.2	7.5	5.9	5.8	6.2
SECRETARIAT II GLSR (LTP 101 GLSR)	6.0	6.3	6.6	5.4	6.9	6.1	5.8	6.2
VB99	6.5	6.2	4.6	6.1	7.3	6.6	5.6	6.1
WIND DANCE 2 (PWDR)	6.2	5.8	5.1	6.3	7.2	6.3	5.9	6.1
PLEASURE SUPREME (PM 103)	6.0	6.3	5.5	5.7	7.5	6.1	5.7	6.1

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SEVEN LOCATIONS 1/
 IN THE NORTHEAST REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	MA1	ME1	NJ1	NY1	PA1	QE1	RI1	MEAN
MANHATTAN 5 GLR (PST 2AM)	5.9	6.1	6.1	6.1	6.8	6.2	5.6	6.1
MS2	5.8	5.6	5.6	6.2	7.7	6.1	5.8	6.1
APR 1648	6.7	6.1	3.9	5.7	8.1	6.3	5.9	6.1
CHARISMATIC II GLSR (LTP PG GLSR)	6.1	6.6	6.4	5.8	6.1	5.7	5.9	6.1
GRAY STAR (PST 2LGL)	6.0	6.4	5.3	6.3	7.1	6.3	5.3	6.1
ASP6004 (EXS54)	6.1	5.7	4.9	5.9	7.8	6.3	5.9	6.1
PRESIDIO (CNV)	6.0	6.1	4.7	6.0	7.5	6.5	5.7	6.1
GPR	6.4	6.3	4.8	6.0	7.5	6.0	5.3	6.0
DELAWARE XL (PICK 01-2)	6.4	5.9	4.8	6.0	7.5	6.5	5.2	6.0
PM 101	6.1	6.1	4.0	5.9	7.6	6.5	6.1	6.0
PST 2AG4	5.8	5.9	5.9	6.2	6.9	6.2	5.4	6.0
MACH I	6.2	6.4	4.1	5.8	7.2	6.7	5.9	6.0
AC2	6.0	5.9	5.3	5.0	7.5	6.3	6.2	6.0
PST 2GSM	6.2	5.3	6.5	5.8	6.9	6.2	5.4	6.0
CITATION FORE	6.4	6.2	5.3	6.0	6.9	6.0	5.3	6.0
PST 2MNG	5.6	6.0	6.0	5.7	6.8	6.5	5.5	6.0
TR47	6.1	5.8	4.8	6.2	7.6	6.1	5.6	6.0
PINNACLE II	5.8	6.0	4.7	5.8	7.3	6.5	5.9	6.0
OVERDRIVE	6.0	6.0	5.2	6.1	7.0	6.3	5.4	6.0
RAD PR8	6.1	6.1	5.8	6.1	6.9	5.7	5.3	6.0
E 99	6.0	6.2	5.2	6.0	6.8	6.0	5.8	6.0
\$ILVER DOLLAR	5.9	5.3	6.6	5.0	6.9	6.5	5.6	6.0
REPELL GLS	5.7	5.7	5.7	6.0	6.6	6.3	5.8	6.0
DP 17 9499	6.3	6.1	4.4	6.3	6.8	6.1	5.8	6.0
VB77	5.9	5.0	5.0	6.3	7.7	6.3	5.4	5.9
PST 217	5.6	6.2	4.8	6.1	7.3	5.9	5.7	5.9
ASP6003 (TRS)	6.1	6.0	4.3	5.9	7.5	6.1	5.5	5.9
SRX 4692	5.8	5.9	6.8	5.5	6.8	5.8	4.8	5.9
PST 2LAN	5.7	5.7	5.4	6.1	6.4	6.3	5.8	5.9
PIZZAZZ	6.1	6.2	4.7	5.7	6.9	6.0	5.8	5.9
SP4	6.5	5.6	4.2	6.1	7.1	6.2	5.7	5.9
04 BEN	6.1	6.3	5.3	5.8	6.7	5.6	5.5	5.9
ASP6002 (BPR)	6.0	5.6	5.0	5.8	7.6	5.8	5.6	5.9
ASP6006 (LPFG)	5.8	5.9	5.0	5.8	7.1	5.9	5.8	5.9
SNR	6.2	5.4	5.0	5.9	7.3	5.9	5.4	5.9
ES45	5.8	5.9	5.2	5.9	7.0	6.2	5.1	5.9
04 BRE	5.8	5.8	5.3	5.8	6.9	6.0	5.4	5.9
ASP6001 (RTS)	6.1	5.8	4.1	5.9	7.2	6.1	5.6	5.8
GALATTI (DP 17 9502)	5.8	6.1	4.4	5.8	7.1	6.1	5.5	5.8
D04 LP05	6.1	5.9	3.6	6.1	7.1	6.5	5.4	5.8
PIANIST (DP 17 9505)	6.1	6.3	3.6	6.3	6.9	6.1	5.4	5.8
BAR LP 4920	6.0	5.8	3.8	5.9	7.1	6.3	5.8	5.8
HALO (KN42)	5.9	5.6	4.2	6.2	7.5	6.1	5.2	5.8
QUICKSILVER	6.0	6.1	4.0	5.9	7.2	6.0	5.4	5.8
BRIGHTSTAR SLT	5.6	6.6	4.0	6.4	6.6	5.9	5.3	5.8
L44	5.9	5.6	4.5	6.0	7.1	5.9	5.4	5.8

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SEVEN LOCATIONS 1/
 IN THE NORTHEAST REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	MA1	ME1	NJ1	NY1	PA1	QE1	RI1	MEAN
PS 2	6.0	5.9	3.5	6.1	7.6	5.8	5.4	5.8
BAR LP 4420	6.0	5.8	4.3	5.9	7.2	5.9	5.1	5.8
PREMIER II	6.0	6.4	3.4	6.4	6.6	5.6	5.5	5.7
FIREBOLT (PRG HS 01 09)	6.1	5.7	4.0	5.8	7.3	5.9	5.3	5.7
TOP GUN II (JR 324)	6.1	5.4	3.8	5.8	7.5	5.6	5.7	5.7
SRX 4682	5.7	5.2	5.8	5.9	6.1	5.6	5.6	5.7
PM 102	6.0	5.4	3.8	5.7	7.1	6.5	5.3	5.7
PENTIUM	5.9	5.9	4.3	6.1	6.9	5.9	4.9	5.7
ACCENT II (JR 119)	6.1	5.6	4.1	5.9	6.9	5.8	5.3	5.7
DP 17 9788	6.1	6.0	4.1	5.6	6.8	5.8	5.4	5.7
INSPIRE	5.9	5.7	3.6	5.9	7.1	6.2	5.2	5.6
PICK 02 R	5.3	5.9	3.5	5.5	7.7	6.1	5.3	5.6
SUNSHINE 2	5.2	6.1	3.5	6.0	7.0	6.0	5.3	5.6
PST 2BLK	5.7	5.1	4.9	5.6	6.6	6.1	4.9	5.6
CADDIESHACK II (JR 163)	5.5	6.0	3.1	6.0	6.9	5.6	5.7	5.6
BAR LP 4317	6.0	5.2	4.2	5.4	6.6	6.1	5.3	5.5
BARLENNIUM	5.7	6.2	3.7	5.5	6.5	5.8	5.3	5.5
GOALKEEPER II (JR 114)	5.5	5.2	3.3	6.4	6.8	5.7	5.5	5.5
LA QUINTA (JR 255)	5.6	5.6	3.7	5.7	6.5	6.2	5.1	5.5
MONTEREY 3 (JR 408)	5.7	5.4	3.5	5.8	7.2	5.4	5.2	5.5
HEADSTART 2	5.6	5.3	3.3	5.6	7.3	5.6	5.4	5.4
PALMER III	5.8	5.9	3.7	5.6	6.5	5.6	4.9	5.4
PANTHER	5.1	6.2	2.7	6.1	6.0	5.3	5.1	5.2
AFFINITY	5.5	5.2	3.9	5.9	5.5	5.2	5.1	5.2
PREMIER	5.3	5.1	3.7	5.8	5.3	5.5	4.9	5.1
PINNACLE	5.0	5.4	2.9	6.0	5.1	4.9	4.4	4.8
LPR 02203	4.4	5.3	2.2	5.8	5.7	5.4	4.6	4.8
LINN	3.0	4.3	1.0	4.5	3.3	4.1	3.3	3.4
LSD VALUE	0.6	1.2	0.8	0.7	0.7	0.6	0.6	0.3
C.V. (%)	6.5	12.7	8.9	7.0	6.1	5.8	6.4	7.9

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 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN AT SIX LOCATIONS 1/
 IN THE TRANSITION REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	OK1	VA1	MEAN
D04 1667	6.6	6.9	6.1	6.8	6.4	5.8	6.4
HOMERUN (RG3P)	6.0	7.1	6.5	6.9	6.3	5.5	6.4
MMW	6.3	7.3	6.5	6.6	5.4	6.0	6.4
SR 4600 (SRX 4SP)	6.3	7.4	6.2	6.6	5.6	6.2	6.4
REVENGE GLX (JR 348)	5.9	7.1	6.2	6.2	6.9	5.7	6.3
FIESTA 4 (PICK F4)	6.3	7.5	6.7	6.5	5.3	5.6	6.3
ATTRIBUTE (IS-PR 270)	6.4	7.6	6.3	6.3	5.6	5.6	6.3
DP1	5.6	7.8	6.1	6.3	5.3	6.3	6.3
D04 11T	5.7	7.2	6.5	6.7	5.5	5.9	6.3
SECRETARIAT II GLSR (LTP 101 GLSR)	6.5	7.1	5.6	6.0	6.2	6.0	6.2
DERBY XTREME (IS PR 268)	6.3	7.0	6.6	6.6	5.2	5.6	6.2
REGAL 5 (IS PR 271)	6.2	6.8	6.6	6.4	5.7	5.5	6.2
REPELL GLS	6.7	6.7	6.1	6.5	5.7	5.6	6.2
\$ILVER DOLLAR	5.8	7.2	5.8	6.4	6.0	6.0	6.2
EXACTA II GLSR (LTP 611 GLSR)	5.0	7.4	6.2	6.9	6.1	5.3	6.1
CITATION FORE	5.6	6.6	5.8	6.0	6.6	6.2	6.1
APR 1648	6.3	6.1	6.0	6.7	6.0	5.6	6.1
AF	6.0	7.1	6.0	6.7	5.5	5.3	6.1
PST 2GSM	6.0	6.8	6.2	6.0	5.6	5.9	6.1
VB77	5.8	6.1	5.6	6.6	6.4	6.0	6.1
LINE DRIVE GLS (APR 1797)	5.2	7.0	6.2	6.3	6.1	5.8	6.1
DCM	6.0	6.4	6.0	6.2	5.8	6.0	6.1
PICK RB 1	6.0	7.6	6.3	6.5	4.6	5.4	6.1
PM 101	6.3	6.4	6.3	6.7	5.4	5.3	6.1
FIREBOLT (PRG HS 01 09)	5.6	6.1	6.0	7.0	6.1	5.6	6.1
KEYSTONE 2 (IS PR 312)	6.3	6.8	6.3	6.4	4.8	5.7	6.1
PARAGON GLR	5.2	7.0	6.6	5.9	5.4	6.3	6.0
PST 2MNG	5.8	6.9	6.4	6.2	5.3	5.7	6.0
LCK	6.6	6.8	6.3	6.5	4.5	5.5	6.0
ACCENT II (JR 119)	5.0	6.2	5.8	6.2	6.9	5.9	6.0
ASP6006 (LPFG)	5.1	6.2	5.9	6.5	7.3	5.0	6.0
PRIMARY (IS PR 269)	6.0	6.8	6.3	5.7	5.4	5.8	6.0
CADDIESHACK II (JR 163)	5.7	6.4	5.7	5.9	6.7	5.7	6.0
MANHATTAN 5 GLR (PST 2AM)	5.7	6.8	5.9	5.8	5.7	6.0	6.0
PST 217	6.1	6.8	6.2	6.2	4.9	5.9	6.0
STELLAR GL (IS PR 236)	5.6	7.1	6.1	6.1	5.6	5.6	6.0
ALL*STAR 3 (IS PR 274)	5.8	7.4	6.4	6.4	4.8	5.2	6.0
1G2 (APR 1664)	6.0	6.9	6.0	6.2	4.7	6.2	6.0
PALACE (IS PR 273)	5.7	6.7	6.4	6.4	5.1	5.7	6.0
RAD PR8	6.7	6.8	5.7	6.0	5.2	5.6	6.0
MONTEREY 3 (JR 408)	5.9	6.3	5.8	6.4	5.3	6.2	6.0
APPLE GL (AAZ B104)	5.6	7.2	6.3	5.7	5.4	5.7	6.0
RNS	6.0	6.9	6.2	6.6	4.8	5.3	6.0
OVERDRIVE	6.9	6.3	5.9	6.4	4.6	5.6	6.0
APR 1670	5.5	6.8	5.5	5.9	6.3	5.6	5.9

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT SIX LOCATIONS 1/
 IN THE TRANSITION REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	OK1	VA1	MEAN
AMAZING GS (IS-PR 276)	5.4	7.3	6.0	6.6	4.8	5.5	5.9
ASP6004 (EXS54)	5.5	6.5	5.9	6.5	5.6	5.6	5.9
AC2	5.4	6.8	5.8	6.7	4.9	5.7	5.9
WIND DANCE 2 (PWDR)	4.6	6.4	6.2	6.6	6.3	5.3	5.9
KOKOMO II (IS-PR 235)	5.6	6.9	5.8	6.0	5.4	5.6	5.9
SRX 4682	5.6	6.8	4.7	5.8	6.4	6.0	5.9
CHARISMATIC II GLSR (LTP PG GLSR)	5.3	6.8	6.3	5.9	4.7	6.1	5.9
SRX 4692	5.5	6.8	5.3	6.2	6.1	5.3	5.9
MS2	5.1	6.6	6.3	6.2	5.4	5.4	5.9
PST 2LAN	5.7	6.6	5.8	5.6	5.8	5.7	5.9
PLEASURE SUPREME (PM 103)	5.9	6.6	6.1	6.2	4.5	5.8	5.9
ES45	5.3	6.2	5.6	6.5	5.9	5.7	5.9
TR47	5.2	6.3	5.8	6.3	6.0	5.6	5.9
SNR	5.1	6.7	5.8	6.6	5.6	5.4	5.8
GL 2	5.8	6.8	6.2	6.1	4.9	5.2	5.8
GPR	5.6	6.5	5.8	7.0	5.0	5.2	5.8
PANTHER GLS	5.8	6.8	6.0	6.1	4.6	5.7	5.8
04 BEN	5.1	6.2	5.5	5.6	6.9	5.7	5.8
DART (APR 1663)	5.3	6.7	5.8	6.3	5.7	5.2	5.8
INSPIRE	5.8	5.9	5.8	5.7	5.9	5.8	5.8
TOP GUN II (JR 324)	5.0	6.2	5.8	6.5	5.7	5.6	5.8
VB99	5.9	6.5	5.4	6.4	5.1	5.5	5.8
BUENA VISTA	5.8	6.6	6.3	5.8	4.8	5.4	5.8
PENTIUM	5.3	5.8	5.9	6.5	5.4	5.7	5.8
PALMER IV	5.4	7.1	5.5	6.3	4.5	5.9	5.8
PHENOM (APR 1660)	5.0	6.5	6.5	6.1	4.8	5.6	5.8
QUICKSILVER	5.1	6.2	5.5	6.1	5.9	5.7	5.7
DP 17 9499	6.4	5.9	5.7	6.4	4.6	5.5	5.7
PST 2BLK	5.4	6.0	5.8	5.9	6.1	5.1	5.7
PM 102	5.2	6.1	5.8	6.4	5.4	5.4	5.7
FUSION	5.0	6.5	6.0	6.4	4.9	5.5	5.7
04 BRE	4.6	6.0	5.8	6.3	5.8	5.9	5.7
ASP6001 (RTS)	4.9	6.2	5.8	6.1	5.6	5.6	5.7
ASP6002 (BPR)	5.8	6.0	5.7	6.0	5.0	5.5	5.7
BRIGHTSTAR SLT	5.3	5.7	5.7	5.7	6.0	5.7	5.7
CABO II (IS-PR 233)	5.5	6.6	5.6	6.3	4.9	5.2	5.7
E 99	6.0	5.9	5.8	5.7	4.9	5.8	5.7
HALO (KN42)	5.0	6.2	5.3	6.6	5.5	5.4	5.7
D04 UP	5.7	6.7	5.8	5.7	4.4	5.7	5.7
L44	5.4	6.3	5.3	6.3	5.3	5.3	5.7
BAR LP 4317	4.4	5.8	5.7	6.0	6.5	5.6	5.7
SP4	4.7	6.3	6.0	6.0	5.5	5.3	5.6
HARRIER (SRX 4UP3)	4.3	7.3	6.3	5.9	4.1	6.0	5.6
GOALKEEPER II (JR 114)	5.4	5.7	4.9	6.2	5.9	5.6	5.6
ASP6005 (AJM)	5.4	6.2	5.7	6.3	5.1	5.1	5.6
DELAWARE XL (PICK 01-2)	4.5	6.4	5.8	6.6	5.1	5.4	5.6

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
(CONT'D) GROWN AT SIX LOCATIONS 1/
IN THE TRANSITION REGION
2005 DATA
TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	OK1	VA1	MEAN
PINNACLE II	5.3	6.3	5.8	5.8	5.2	5.3	5.6
ASP6003 (TRS)	4.9	6.3	6.0	6.4	4.9	5.1	5.6
PST 2AG4	5.7	6.3	5.7	5.7	5.1	5.1	5.6
BARLENNIUM	5.4	5.2	5.8	5.7	5.7	5.8	5.6
PROTEGE GLR	4.5	6.5	6.3	6.3	4.4	5.5	5.6
D04 LP05	4.8	6.0	5.6	5.8	5.5	5.8	5.6
PIANIST (DP 17 9505)	5.2	5.9	5.6	6.0	5.4	5.4	5.6
PIZZAZZ	4.3	5.5	6.0	6.2	6.1	5.3	5.6
MACH I	5.3	6.4	5.9	5.9	4.3	5.4	5.6
DP 17 9788	4.9	6.3	5.5	5.7	5.6	5.2	5.5
GALATTI (DP 17 9502)	5.2	6.2	5.3	6.3	4.9	5.3	5.5
PALMER III	5.8	5.7	5.4	5.7	4.8	5.8	5.5
PREMIER II	5.7	5.8	5.3	5.9	5.0	5.4	5.5
PRESIDIO (CNV)	5.1	6.5	5.9	6.4	4.0	4.9	5.5
BAR LP 4420	4.7	6.0	5.5	5.6	5.8	5.2	5.5
GRAY STAR (PST 2LGL)	4.9	6.6	5.8	5.8	4.3	5.3	5.5
LA QUINTA (JR 255)	5.1	5.6	5.2	5.8	5.2	5.8	5.4
PS 2	5.0	5.3	5.6	6.2	5.0	5.5	5.4
SUNSHINE 2	4.8	5.7	5.2	5.7	5.4	5.4	5.4
HEADSTART 2	4.9	5.8	5.2	6.0	4.9	4.9	5.3
BAR LP 4920	4.3	5.3	4.8	5.7	5.6	5.5	5.2
PICK 02 R	4.2	6.0	4.9	6.1	4.7	5.2	5.2
PANTHER	4.4	4.8	4.9	5.3	5.6	5.3	5.0
PREMIER	5.7	4.8	4.1	4.4	5.1	5.6	5.0
AFFINITY	4.3	4.8	4.9	4.7	5.3	5.3	4.9
LPR 02203	3.9	4.2	4.8	5.2	5.9	4.5	4.8
PINNACLE	4.5	4.3	3.7	4.5	4.8	4.9	4.4
LINN	2.0	2.5	3.0	3.4	4.0	3.4	3.0
LSD VALUE	1.0	0.7	0.7	0.8	1.5	0.7	0.4
C.V. (%)	11.0	6.6	7.5	7.6	16.9	8.2	9.9

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 6. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN AT NINE LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	ND1	NE1	SD1	WI1	MEAN
MACH I	7.7	6.1	6.6	6.9	5.5	5.4	7.7	6.7	5.7	6.5
PARAGON GLR	8.1	5.4	6.3	6.4	5.2	5.1	7.4	6.9	6.1	6.3
GL 2	7.8	5.3	7.5	5.4	5.6	4.8	7.0	6.7	6.3	6.3
RNS	8.1	5.4	7.5	5.7	6.4	4.9	6.3	6.6	5.3	6.3
KEYSTONE 2 (IS PR 312)	8.0	5.6	7.3	6.3	5.8	5.1	6.0	6.9	5.3	6.2
REVENGE GLX (JR 348)	7.7	5.0	7.4	6.0	5.5	5.4	6.6	6.5	5.9	6.2
APR 1648	8.1	5.6	5.8	5.6	6.3	4.2	6.9	7.3	6.0	6.2
DERBY XTREME (IS PR 268)	8.0	5.5	7.0	6.7	5.6	4.1	7.4	6.7	4.9	6.2
DP1	7.9	5.0	7.6	6.5	5.9	4.9	6.1	6.2	5.7	6.2
ALL*STAR 3 (IS PR 274)	8.0	4.8	7.0	6.3	6.0	3.9	7.1	6.7	5.9	6.2
LCK	7.7	5.5	7.2	6.2	5.5	4.4	6.0	6.4	6.8	6.2
PM 101	8.1	6.2	7.2	6.0	5.1	4.2	7.1	6.1	5.7	6.2
PLEASURE SUPREME (PM 103)	7.5	4.5	6.5	6.3	5.1	4.4	7.8	6.9	6.7	6.2
STELLAR GL (IS PR 236)	7.9	5.0	7.3	6.1	5.5	4.8	6.0	7.0	5.9	6.2
D04 11T	7.9	5.7	6.6	6.7	4.8	4.5	6.9	6.7	5.7	6.2
PRIMARY (IS PR 269)	7.9	5.0	6.8	6.4	5.1	4.8	6.1	6.4	6.9	6.2
MMW	7.9	5.2	6.8	6.2	6.0	4.8	6.9	6.4	5.1	6.1
VB77	7.6	4.9	7.1	6.3	5.5	5.1	6.5	6.3	5.7	6.1
EXACTA II GLSR (LTP 611 GLSR)	7.7	4.7	7.3	6.5	6.3	4.4	6.6	6.9	4.6	6.1
PRESIDIO (CNV)	7.3	5.5	6.8	5.9	6.1	4.4	7.3	6.5	5.2	6.1
DCM	8.0	5.0	7.1	6.3	5.7	4.9	6.7	6.5	4.7	6.1
FIESTA 4 (PICK F4)	7.4	4.8	7.3	6.0	4.5	5.1	6.7	6.5	6.7	6.1
SR 4600 (SRX 4SP)	7.3	4.9	6.7	6.8	5.5	4.9	5.8	6.6	6.4	6.1
PALMER IV	7.7	5.9	6.5	5.2	5.0	5.6	6.6	6.1	6.3	6.1
D04 1667	7.8	6.0	6.8	5.7	4.8	5.3	6.4	6.5	5.5	6.1
1G2 (APR 1664)	7.5	5.3	6.1	6.5	5.9	5.3	6.0	6.5	5.7	6.1
\$ILVER DOLLAR	8.0	5.4	7.1	5.7	4.7	4.5	6.7	6.5	6.2	6.1
PANTHER GLS	7.5	6.0	6.5	4.8	5.7	5.2	6.2	6.9	6.1	6.1
PICK RB 1	7.7	4.4	7.4	6.4	6.0	4.6	6.4	6.7	5.1	6.1
SECRETARIAT II GLSR (LTP 101 GLSR)	7.7	5.1	6.4	6.2	5.4	4.8	6.0	6.6	6.3	6.1
OVERDRIVE	7.3	6.0	6.4	5.8	5.3	4.7	6.7	6.5	5.8	6.1
HOMERUN (RG3P)	7.8	5.7	7.1	6.0	5.9	5.2	6.5	6.2	3.8	6.0
ASP6005 (AJM)	7.7	5.5	6.8	5.7	4.5	4.7	6.3	6.3	6.5	6.0
DP 17 9499	7.7	6.0	6.3	5.4	4.9	3.7	6.7	6.9	6.6	6.0
PIZZAZZ	7.6	4.9	6.6	6.4	5.9	4.7	6.3	6.5	5.1	6.0
TR47	7.5	5.4	7.3	5.7	5.2	4.4	6.7	6.4	5.2	6.0
HARRIER (SRX 4UP3)	8.1	4.8	7.1	5.9	5.0	4.9	5.8	5.9	6.5	6.0
ATTRIBUTE (IS-PR 270)	7.7	5.1	7.4	6.3	5.0	4.8	6.0	6.0	5.3	6.0
AMAZING GS (IS-PR 276)	7.7	5.6	6.7	6.6	5.6	4.7	5.7	6.1	5.2	6.0
GPR	8.2	4.6	6.4	5.7	5.3	5.0	6.0	6.7	5.7	6.0
PALACE (IS PR 273)	7.6	5.5	7.3	6.0	5.3	3.6	6.7	6.3	5.3	6.0
PROTEGE GLR	7.8	5.0	6.9	6.0	5.5	4.8	5.9	6.3	5.3	6.0
PINNACLE II	7.9	5.8	6.7	4.8	5.1	4.4	7.0	6.8	5.1	5.9
APPLE GL (AAZ B104)	7.6	5.3	6.8	6.8	5.3	4.7	5.5	6.1	5.4	5.9
SUNSHINE 2	7.3	5.0	6.1	5.3	5.9	4.7	6.6	7.1	5.3	5.9

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT NINE LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2005 DATA
TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	ND1	NE1	SD1	WI1	MEAN
KOKOMO II (IS-PR 235)	7.9	4.7	7.5	6.1	4.7	4.2	6.5	6.3	5.4	5.9
PICK 02 R	7.2	4.3	6.5	6.2	5.5	4.9	6.8	6.5	5.3	5.9
PST 2MNG	7.9	4.7	6.8	5.1	5.0	4.2	6.0	6.5	6.9	5.9
FUSION	8.0	5.5	6.8	6.0	5.2	4.6	6.1	6.2	4.8	5.9
ASP6003 (TRS)	7.6	4.2	7.3	6.0	5.5	4.4	6.3	6.3	5.4	5.9
WIND DANCE 2 (PWDR)	7.8	6.1	6.7	5.9	5.5	4.7	6.4	6.5	3.6	5.9
MS2	7.5	5.6	7.0	5.2	5.7	4.9	5.8	6.5	4.8	5.9
ASP6004 (EXS54)	7.8	5.2	7.3	5.6	5.3	4.3	6.2	6.5	4.9	5.9
QUICKSILVER	8.0	5.4	6.4	6.1	4.3	4.7	5.9	6.2	6.1	5.9
REGAL 5 (IS PR 271)	7.6	5.7	7.1	6.0	5.8	3.4	5.9	5.7	5.8	5.9
CHARISMATIC II GLSR (LTP PG GLSR)	7.3	5.0	7.0	5.9	5.2	4.9	5.8	5.9	5.9	5.9
AF	7.6	4.4	6.2	6.4	5.5	4.9	5.8	6.3	5.8	5.9
AC2	7.7	4.9	7.0	5.8	5.1	2.8	6.8	6.3	6.6	5.9
RAD PR8	8.1	5.5	6.8	5.3	4.9	4.6	5.6	6.3	5.8	5.9
MANHATTAN 5 GLR (PST 2AM)	7.7	5.4	6.5	5.6	5.2	3.9	5.9	5.9	6.7	5.9
DELAWARE XL (PICK 01-2)	7.5	4.5	6.4	5.6	5.5	4.4	6.8	6.7	5.4	5.9
ASP6006 (LPFG)	8.1	5.6	6.9	6.2	5.4	4.8	5.8	6.1	3.8	5.9
D04 LP05	7.9	4.8	7.0	5.7	4.8	4.7	5.7	6.3	6.0	5.9
ACCENT II (JR 119)	7.6	4.9	6.3	5.7	4.7	5.2	6.0	6.3	5.8	5.8
BUENA VISTA	7.9	4.8	7.0	6.2	4.9	4.4	6.0	6.5	4.9	5.8
GRAY STAR (PST 2LGL)	7.9	5.3	6.7	5.5	4.5	4.4	5.6	6.5	5.9	5.8
D04 UP	7.9	5.1	7.2	5.9	4.6	4.3	6.5	6.1	4.8	5.8
GALATTI (DP 17 9502)	7.7	5.0	6.5	5.9	5.0	4.6	5.6	6.4	5.6	5.8
ES45	7.7	4.4	6.7	4.9	5.8	4.8	6.2	6.1	5.6	5.8
REPELL GLS	7.6	5.5	6.3	5.5	4.8	4.8	5.8	6.3	5.6	5.8
BAR LP 4420	7.4	5.5	6.4	5.6	5.1	4.2	6.5	6.5	5.1	5.8
DART (APR 1663)	7.5	5.2	6.5	6.1	4.7	4.6	5.9	6.1	5.4	5.8
PST 2GSM	7.6	4.7	6.5	5.8	4.7	4.2	5.4	6.5	6.8	5.8
LINE DRIVE GLS (APR 1797)	7.7	5.3	6.5	5.4	4.4	4.1	6.4	6.1	6.1	5.8
FIREBOLT (PRG HS 01 09)	7.7	4.7	7.0	5.5	5.1	3.9	6.6	6.3	5.1	5.8
TOP GUN II (JR 324)	7.9	5.3	6.3	5.7	4.6	3.9	6.0	6.8	5.4	5.8
INSPIRE	7.8	5.5	6.7	5.5	4.3	4.7	5.5	6.1	5.7	5.8
PST 2LAN	7.6	4.6	6.5	5.8	5.0	4.5	5.7	5.9	6.3	5.8
CABO II (IS-PR 233)	7.9	4.9	7.0	6.0	5.6	3.6	6.2	6.2	4.4	5.8
CITATION FORE	7.4	5.6	6.2	5.3	4.8	5.1	5.9	6.1	5.5	5.7
BAR LP 4317	7.7	5.6	6.1	5.0	4.7	4.7	5.5	6.0	6.4	5.7
ASP6002 (BPR)	7.7	5.0	6.2	5.8	5.2	3.9	6.0	6.4	5.3	5.7
PST 217	7.5	5.5	6.2	5.9	4.8	5.1	5.9	6.1	4.6	5.7
PS 2	7.2	5.5	6.2	5.3	4.9	3.9	6.2	6.2	6.1	5.7
MONTEREY 3 (JR 408)	7.5	4.6	6.8	5.7	4.9	4.5	5.9	6.3	5.2	5.7
SP4	8.1	5.4	6.9	5.4	4.9	4.6	6.2	6.5	3.3	5.7
HEADSTART 2	7.6	5.5	6.2	5.4	5.1	4.9	5.8	6.3	4.2	5.7
VB99	7.7	4.3	6.4	5.7	5.5	4.1	5.8	6.5	5.1	5.7
BAR LP 4920	7.7	5.1	4.8	5.9	5.2	4.4	6.4	6.5	4.9	5.7
E 99	7.7	4.9	6.4	5.5	4.1	4.4	6.4	5.8	5.7	5.7
GOALKEEPER II (JR 114)	7.7	4.8	5.8	5.4	5.1	4.8	5.8	6.2	5.2	5.6

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT NINE LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2005 DATA
TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	ND1	NE1	SD1	WI1	MEAN
ASP6001 (RTS)	7.7	4.3	6.4	5.0	5.0	4.4	6.9	6.1	5.1	5.6
04 BEN	7.2	5.1	5.9	5.8	4.7	4.5	6.2	6.1	5.2	5.6
SNR	7.6	5.2	6.5	5.2	5.8	4.0	6.1	6.0	4.1	5.6
PST 2AG4	7.8	4.7	6.6	4.2	5.0	3.9	5.9	6.4	5.9	5.6
L44	7.5	4.4	6.2	5.4	5.5	4.4	5.3	6.6	4.9	5.6
APR 1670	7.2	5.2	6.4	5.0	4.3	4.2	5.7	6.3	5.9	5.6
LA QUINTA (JR 255)	7.6	5.2	6.3	4.4	5.1	4.3	5.4	5.9	5.8	5.6
PST 2BLK	7.2	5.5	6.2	5.0	4.7	3.9	5.4	6.1	5.9	5.6
CADDIESHACK II (JR 163)	7.3	4.4	6.6	5.1	4.5	4.3	5.4	5.9	6.3	5.5
BRIGHTSTAR SLT	7.5	4.6	5.8	5.8	4.5	5.0	5.1	6.1	5.4	5.5
PHENOM (APR 1660)	7.6	5.0	6.0	5.1	4.2	4.7	5.7	5.9	5.2	5.5
PENTIUM	7.6	5.5	5.5	5.1	4.1	4.7	4.6	6.7	5.5	5.5
PM 102	7.5	5.1	6.0	5.6	4.4	3.5	6.2	5.7	5.1	5.4
PREMIER II	7.3	4.6	5.7	4.8	4.4	3.6	5.8	7.1	5.8	5.4
04 BRE	7.4	4.1	6.2	5.0	5.4	4.7	6.0	6.2	3.9	5.4
HALO (KN42)	7.4	4.9	6.5	5.0	5.1	3.6	6.0	6.1	4.0	5.4
DP 17 9788	7.3	5.4	5.4	5.9	4.5	2.5	5.7	6.2	5.6	5.4
BARLENNIUM	7.3	4.5	5.1	5.0	4.9	4.0	5.6	6.2	5.6	5.4
PALMER III	7.2	4.9	5.6	4.5	4.5	3.7	6.0	6.2	5.1	5.3
PIANIST (DP 17 9505)	7.8	5.1	6.5	4.8	4.7	3.3	6.0	5.3	3.7	5.2
PANTHER	7.5	4.5	5.5	4.7	3.7	4.3	5.6	6.4	4.8	5.2
SRX 4682	6.9	5.2	5.5	4.1	4.4	4.1	5.0	6.0	5.2	5.2
SRX 4692	7.4	4.6	5.9	3.9	4.3	3.8	5.0	5.7	5.1	5.1
AFFINITY	6.7	4.5	4.5	4.5	3.0	4.6	4.3	5.8	5.1	4.8
LPR 02203	6.9	3.9	4.8	3.8	3.5	3.8	5.1	5.6	4.8	4.7
PREMIER	6.5	4.2	4.3	4.5	2.9	3.7	4.0	4.6	4.7	4.4
PINNACLE	6.5	4.6	3.3	4.6	2.3	3.6	3.1	4.1	4.1	4.0
LINN	5.6	3.6	2.4	3.0	1.0	2.2	1.0	2.1	2.9	2.6
LSD VALUE	0.7	1.1	0.9	1.0	0.9	1.1	1.1	0.8	2.2	0.4
C.V. (%)	5.3	13.5	8.9	10.8	11.5	16.0	11.0	8.0	25.1	12.5

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 7.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN AT TWO LOCATIONS 1/
 IN THE UPPER WEST/MOUNTAIN REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	UT1	WA1	MEAN	NAME	UT1	WA1	MEAN
MS2	6.3	6.9	6.6	MMW	5.5	6.3	5.9
PM 101	6.4	6.7	6.5	D04 1667	5.4	6.5	5.9
ASP6002 (BPR)	6.3	6.7	6.5	L44	5.4	6.4	5.9
ALL*STAR 3 (IS PR 274)	6.3	6.6	6.4	ASP6006 (LPFG)	5.3	6.5	5.9
APR 1648	6.1	6.7	6.4	\$ILVER DOLLAR	5.3	6.5	5.9
PLEASURE SUPREME (PM 103)	6.0	6.7	6.4	1G2 (APR 1664)	5.3	6.5	5.9
TR47	6.0	6.7	6.4	DERBY XTREME (IS PR 268)	5.5	6.3	5.9
EXACTA II GLSR (LTP 611 GLSR)	6.1	6.6	6.4	ACCENT II (JR 119)	5.8	5.9	5.9
ASP6004 (EXS54)	6.2	6.5	6.4	TOP GUN II (JR 324)	5.7	6.1	5.9
ATTRIBUTE (IS-PR 270)	6.1	6.5	6.3	PRIMARY (IS PR 269)	5.5	6.2	5.9
SR 4600 (SRX 4SP)	5.7	6.9	6.3	HOMERUN (RG3P)	5.4	6.3	5.9
D04 11T	6.0	6.6	6.3	GPR	5.1	6.6	5.8
AMAZING GS (IS-PR 276)	5.8	6.8	6.3	BUENA VISTA	5.1	6.5	5.8
HALO (KN42)	5.6	6.9	6.3	GL 2	5.1	6.5	5.8
VB99	5.8	6.7	6.3	INSPIRE	5.6	6.0	5.8
FIREBOLT (PRG HS 01 09)	6.1	6.4	6.3	PANTHER GLS	5.5	6.1	5.8
PIZZAZZ	5.7	6.8	6.3	DCM	5.1	6.5	5.8
ASP6003 (TRS)	6.0	6.5	6.2	MONTEREY 3 (JR 408)	5.1	6.5	5.8
DELAWARE XL (PICK 01-2)	5.5	6.9	6.2	REPELL GLS	5.2	6.4	5.8
PICK RB 1	5.7	6.7	6.2	CABO II (IS-PR 233)	5.2	6.4	5.8
PHENOM (APR 1660)	5.5	6.8	6.2	RNS	5.4	6.2	5.8
SNR	5.9	6.4	6.2	HEADSTART 2	4.9	6.7	5.8
MACH I	5.6	6.7	6.1	LCK	5.5	6.1	5.8
PALACE (IS PR 273)	5.7	6.6	6.1	PINNACLE II	5.1	6.4	5.8
PALMER IV	5.5	6.7	6.1	PS 2	5.1	6.4	5.7
SP4	5.5	6.7	6.1	KOKOMO II (IS-PR 235)	5.0	6.5	5.7
DART (APR 1663)	5.5	6.7	6.1	ASP6001 (RTS)	5.0	6.5	5.7
REGAL 5 (IS PR 271)	5.7	6.5	6.1	REVENGE GLX (JR 348)	5.2	6.3	5.7
LINE DRIVE GLS (APR 1797)	5.6	6.6	6.1	HARRIER (SRX 4UP3)	4.7	6.7	5.7
FIESTA 4 (PICK F4)	5.6	6.5	6.1	ASP6005 (AJM)	5.1	6.3	5.7
PARAGON GLR	5.5	6.7	6.1	PRESIDIO (CNV)	5.0	6.5	5.7
VB77	5.5	6.7	6.1	04 BRE	5.5	5.9	5.7
DP 17 9499	5.5	6.7	6.1	RAD PR8	5.1	6.3	5.7
BAR LP 4420	5.3	6.8	6.1	BAR LP 4920	4.7	6.7	5.7
WIND DANCE 2 (PWDR)	5.7	6.4	6.1	BARLENNIUM	5.1	6.3	5.7
STELLAR GL (IS PR 236)	5.3	6.7	6.0	OVERDRIVE	5.5	5.9	5.7
D04 LP05	5.4	6.7	6.0	QUICKSILVER	4.8	6.5	5.7
PM 102	5.1	6.9	6.0	FUSION	5.0	6.3	5.7
DP1	5.6	6.4	6.0	PIANIST (DP 17 9505)	5.3	6.0	5.7
PICK 02 R	5.8	6.1	6.0	LA QUINTA (JR 255)	5.4	5.9	5.7
AC2	5.5	6.4	6.0	PROTEGE GLR	4.2	7.1	5.7
GALATTI (DP 17 9502)	5.8	6.1	5.9	D04 UP	4.8	6.5	5.6
KEYSTONE 2 (IS PR 312)	5.6	6.3	5.9	04 BEN	5.4	5.9	5.6
GRAY STAR (PST 2LGL)	4.8	7.1	5.9	APR 1670	5.1	6.2	5.6
SUNSHINE 2	5.1	6.7	5.9	AF	5.0	6.3	5.6
				ES45	5.0	6.3	5.6

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN AT TWO LOCATIONS 1/
 IN THE UPPER WEST/MOUNTAIN REGION
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF 2/

NAME	UT1	WA1	MEAN
PST 2MNG	4.9	6.3	5.6
SRX 4692	4.9	6.3	5.6
PST 2GSM	4.8	6.3	5.6
GOALKEEPER II (JR 114)	5.3	5.8	5.6
DP 17 9788	5.2	5.9	5.5
PALMER III	4.9	6.1	5.5
CADDIESHACK II (JR 163)	5.4	5.5	5.5
MANHATTAN 5 GLR (PST 2AM)	5.0	6.0	5.5
BRIGHTSTAR SLT	5.1	5.8	5.5
APPLE GL (AAZ B104)	4.3	6.5	5.4
BAR LP 4317	4.6	6.2	5.4
CITATION FORE	4.7	6.1	5.4
E 99	4.9	5.8	5.4
PREMIER II	4.8	5.9	5.3
PST 217	4.8	5.9	5.3
SRX 4682	4.4	6.2	5.3
SECRETARIAT II GLSR (LTP 101 GLSR)	4.4	6.2	5.3
PENTIUM	4.6	6.0	5.3
PST 2LAN	4.6	5.9	5.2
CHARISMATIC II GLSR (LTP PG GLSR)	4.6	5.8	5.2
PANTHER	4.2	5.5	4.9
PST 2AG4	3.3	6.3	4.8
LPR 02203	4.0	5.3	4.7
AFFINITY	3.9	5.2	4.6
PREMIER	3.7	4.9	4.3
PST 2BLK	2.7	5.9	4.3
PINNACLE	3.6	4.9	4.3
LINN	2.6	2.7	2.7
LSD VALUE	0.9	0.7	0.6
C.V. (%)	10.8	7.3	8.9

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 8.

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH
MONTH GROWN AT CORVALLIS, OR (PACIFIC REGION) 1/
2005 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
PARAGON GLR	5.7	5.3	6.0	5.7	6.0	5.3	7.3	7.7	7.3	7.0	6.3	6.3	6.3
HOMERUN (RG3P)	5.3	5.3	5.3	5.7	5.3	5.7	7.7	8.0	7.3	7.0	6.3	6.7	6.3
FIREBOLT (PRG HS 01 09)	5.0	5.0	5.3	5.7	5.3	6.3	8.3	7.7	7.0	7.3	6.0	6.7	6.3
PM 101	5.3	5.7	5.7	5.7	5.7	6.0	8.0	7.7	6.7	7.0	5.7	6.3	6.3
APR 1648	5.7	5.7	5.0	5.0	5.3	6.7	7.7	7.7	7.7	7.3	5.7	6.0	6.3
OVERDRIVE	5.3	5.3	5.3	5.3	5.0	6.0	7.7	7.7	7.3	7.0	5.7	6.3	6.2
LINE DRIVE GLS (APR 1797)	5.3	5.3	5.7	5.7	5.0	6.0	7.3	8.0	7.3	7.0	5.0	6.0	6.1
ALL*STAR 3 (IS PR 274)	5.0	5.7	5.3	5.3	5.0	5.7	7.3	7.7	7.3	7.3	5.7	6.3	6.1
D04 1667	4.7	4.7	5.0	5.7	5.7	6.3	8.3	8.0	7.0	6.7	5.3	6.0	6.1
BUENA VISTA	5.7	5.0	5.3	5.3	5.0	5.3	8.0	7.7	7.0	7.0	5.7	6.0	6.1
CABO II (IS-PR 233)	5.7	5.3	5.3	5.3	5.3	5.3	7.0	7.7	7.0	7.0	5.7	6.3	6.1
KOKOMO II (IS-PR 235)	6.0	5.7	5.3	5.0	5.0	5.0	7.0	7.7	7.7	6.7	5.7	6.3	6.1
RNS	5.7	5.0	5.0	5.3	5.3	5.7	7.3	8.0	7.0	7.0	5.3	6.3	6.1
SUNSHINE 2	4.7	4.7	5.3	5.0	5.3	6.3	8.0	7.7	7.7	7.0	5.3	6.0	6.1
REGAL 5 (IS PR 271)	6.0	5.7	5.7	5.7	5.0	6.0	6.7	7.7	6.3	6.7	5.7	5.7	6.1
EXACTA II GLSR (LTP 611 GLSR)	4.7	5.0	5.3	5.7	6.0	5.0	7.3	7.3	7.0	7.0	6.0	6.0	6.0
GPR	4.0	4.7	5.3	5.3	5.3	6.0	7.7	8.0	6.7	7.0	6.0	6.3	6.0
PROTEGE GLR	5.7	5.3	5.3	5.7	5.7	4.3	6.0	7.7	7.3	7.0	6.0	6.3	6.0
PALMER IV	5.3	5.3	5.3	5.3	5.3	4.7	7.7	7.7	7.3	6.3	5.7	6.3	6.0
FIESTA 4 (PICK F4)	5.0	5.0	5.0	5.3	5.3	5.0	7.3	7.7	7.3	7.0	5.7	6.3	6.0
DERBY XTREME (IS PR 268)	5.3	5.3	5.3	5.0	5.0	5.0	7.0	8.0	8.0	6.7	5.3	6.0	6.0
ATTRIBUTE (IS-PR 270)	5.7	5.3	5.0	5.7	5.7	5.7	7.3	7.7	7.0	6.7	5.0	5.3	6.0
D04 11T	5.0	5.0	4.7	5.3	5.3	6.0	7.7	7.7	6.7	7.0	5.3	6.0	6.0
AC2	4.0	4.0	5.3	5.3	5.3	6.0	7.3	7.3	7.7	7.3	5.3	6.3	5.9
APR 1670	5.3	4.7	4.7	5.3	5.3	6.0	7.3	7.3	7.7	7.0	4.7	6.0	5.9
PICK 02 R	4.0	4.3	4.7	5.7	5.3	6.0	7.3	7.7	7.3	7.3	5.3	6.3	5.9
PICK RB 1	5.7	5.3	5.3	6.0	5.0	5.0	6.7	7.3	6.7	7.0	5.7	5.7	5.9
PRIMARY (IS PR 269)	5.7	5.3	5.3	5.3	5.3	5.3	7.0	7.0	7.0	6.7	5.3	6.0	5.9
MACH I	4.7	4.7	5.3	5.0	5.0	5.7	7.7	7.7	6.7	7.0	5.3	6.3	5.9
PANTHER GLS	5.0	4.7	5.0	5.3	5.3	6.0	7.0	7.7	7.3	7.0	5.0	5.7	5.9
REPELL GLS	5.7	4.7	4.7	5.3	5.3	5.3	7.3	7.7	7.0	7.0	5.3	5.7	5.9
CADDIESHACK II (JR 163)	3.7	3.3	5.3	5.7	6.0	6.3	7.3	7.3	7.7	7.0	5.0	6.0	5.9
MMW	5.3	4.7	4.7	5.7	5.3	5.3	7.0	7.3	7.0	6.7	5.7	6.0	5.9
04 BEN	4.7	4.3	5.0	5.3	5.7	5.3	7.7	7.7	7.0	7.0	5.3	5.7	5.9
FUSION	5.3	5.3	5.3	5.3	5.7	5.0	7.3	7.3	6.7	6.7	4.7	5.7	5.9
KEYSTONE 2 (IS PR 312)	4.7	5.0	5.3	5.3	5.3	5.3	7.3	7.3	7.0	6.7	5.3	5.7	5.9
LCK	5.3	5.3	5.0	5.3	4.7	5.7	7.0	7.0	6.7	7.0	5.7	5.7	5.9
D04 UP	5.0	4.7	4.7	5.0	5.0	4.3	7.0	7.3	7.3	7.3	6.0	6.3	5.8
GL 2	5.3	5.0	5.0	5.3	5.0	5.3	7.0	7.7	7.0	6.7	5.0	5.7	5.8
SR 4600 (SRX 4SP)	5.3	5.0	5.0	5.0	4.7	5.0	7.0	7.7	7.0	7.0	5.3	6.0	5.8
APPLE GL (AAZ B104)	5.3	5.3	5.3	5.7	5.3	4.3	6.0	7.7	6.7	6.7	5.3	5.7	5.8
AMAZING GS (IS-PR 276)	5.3	5.0	4.7	4.7	5.0	5.0	7.0	7.3	6.7	6.7	5.7	6.0	5.8
PST 2LAN	4.7	4.3	5.0	5.3	5.3	5.7	6.7	7.0	6.7	7.0	5.3	6.0	5.8
D04 LP05	4.3	4.3	5.3	5.0	5.7	4.7	6.7	7.3	6.7	7.0	5.3	6.3	5.7
INSPIRE	4.7	4.3	5.0	5.0	5.0	5.7	7.3	7.0	7.3	6.7	5.0	5.3	5.7

TABLE 8. (CONT'D)

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH
MONTH GROWN AT CORVALLIS, OR (PACIFIC REGION) 1/
2005 DATA

NAME	TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
HEADSTART 2	4.3	4.3	5.0	5.0	4.7	5.7	7.3	7.3	7.0	7.0	5.0	5.7	5.7
DP1	5.0	5.0	5.0	5.3	5.0	4.7	6.3	7.3	6.7	7.0	5.3	5.3	5.7
MANHATTAN 5 GLR (PST 2AM)	4.3	4.0	5.0	5.3	5.3	5.3	7.0	7.3	6.7	6.7	5.0	6.0	5.7
REVENGE GLX (JR 348)	5.3	4.7	5.0	5.0	5.3	5.0	6.7	7.0	6.7	6.7	5.0	5.7	5.7
PLEASURE SUPREME (PM 103)	4.0	4.0	4.7	5.3	5.7	5.7	7.0	7.3	6.3	6.7	5.0	6.0	5.6
VB99	4.0	3.7	5.0	5.0	5.0	5.7	7.0	7.3	6.7	7.0	5.3	6.0	5.6
BARLENNIUM	5.0	4.3	5.0	5.0	5.3	5.7	7.0	7.3	6.3	6.7	4.7	5.3	5.6
STELLAR GL (IS PR 236)	5.0	4.7	4.7	5.0	4.7	5.0	7.0	7.0	7.0	7.0	5.0	5.7	5.6
PALACE (IS PR 273)	5.3	5.0	4.7	5.0	5.0	4.7	7.0	7.7	6.3	6.7	5.0	5.3	5.6
PIZZAZZ	4.7	5.0	5.0	5.3	4.7	5.0	6.7	7.0	7.0	6.7	5.3	5.3	5.6
PST 2MNG	4.3	3.7	4.7	5.0	5.3	5.3	7.0	7.7	6.7	6.7	5.3	5.7	5.6
04 BRE	4.3	4.7	5.0	5.0	5.0	4.3	6.7	7.3	6.7	6.7	5.7	6.0	5.6
MS2	4.3	4.3	5.0	5.0	5.0	5.0	7.0	7.7	6.7	6.7	5.0	5.7	5.6
BAR LP 4920	4.3	4.0	4.7	4.7	4.7	4.7	6.7	7.3	7.0	7.0	5.7	6.3	5.6
PANTHER	5.0	4.7	4.7	5.3	5.0	5.7	6.7	7.3	6.0	6.3	5.0	5.3	5.6
PM 102	4.7	4.3	4.7	4.7	5.0	5.0	7.0	7.3	6.3	7.0	5.0	6.0	5.6
MONTEREY 3 (JR 408)	4.0	3.3	4.7	5.0	5.3	6.0	6.7	7.3	7.0	7.0	5.0	5.3	5.6
PS 2	4.3	3.7	4.7	5.3	5.3	5.3	7.0	7.3	6.7	6.3	5.0	5.7	5.6
DCM	5.0	4.3	4.7	4.7	5.3	5.0	7.3	6.7	6.0	6.3	5.0	6.0	5.5
AF	4.7	4.3	5.0	4.7	5.3	5.0	6.0	7.3	7.0	6.3	5.0	5.3	5.5
AFFINITY	5.3	5.0	4.7	5.0	5.3	5.3	6.7	7.3	6.0	6.0	4.7	4.7	5.5
PRESIDIO (CNV)	3.3	4.0	4.7	4.7	5.0	5.3	6.3	7.0	6.3	7.0	6.0	6.3	5.5
ASP6006 (LPFG)	4.3	3.7	5.0	5.0	5.3	5.3	6.3	7.0	6.7	6.7	4.7	5.7	5.5
GALATTI (DP 17 9502)	4.0	4.0	4.7	5.0	5.0	6.0	7.0	7.3	6.3	6.7	4.7	5.0	5.5
PREMIER	4.7	4.7	4.0	5.0	5.0	5.7	7.0	7.3	6.7	6.3	4.7	4.7	5.5
ASP6003 (TRS)	3.7	3.7	5.0	5.3	5.0	5.3	7.0	7.0	6.3	6.7	5.0	5.7	5.5
BAR LP 4420	4.7	3.7	5.0	5.0	4.7	5.0	6.3	7.0	6.7	6.7	5.0	5.7	5.4
DP 17 9788	3.7	4.0	4.3	5.0	5.0	6.0	6.7	7.3	6.3	6.7	4.7	5.7	5.4
PINNACLE	4.3	4.7	4.0	5.0	5.0	6.0	7.7	7.3	6.3	5.7	4.7	4.7	5.4
SECRETARIAT II GLSR (LTP 101 GLSR)	4.3	4.0	4.7	4.7	5.0	5.0	7.0	7.7	6.7	6.3	4.7	5.3	5.4
ASP6005 (AJM)	4.0	3.3	4.7	5.0	5.0	5.0	6.3	7.3	6.3	6.7	5.3	6.3	5.4
CHARISMATIC II GLSR (LTP PG GLSR)	4.0	4.0	4.7	4.7	5.3	4.0	7.0	7.0	6.7	6.7	5.7	5.7	5.4
DART (APR 1663)	5.0	4.3	4.7	4.7	5.3	4.7	6.3	6.7	6.3	6.7	5.0	5.3	5.4
RAD PR8	4.3	4.3	4.7	5.0	5.0	5.3	7.0	6.3	6.3	6.3	4.7	5.7	5.4
\$ILVER DOLLAR	4.3	4.0	4.7	4.7	4.7	5.3	7.0	7.0	6.3	6.0	5.0	5.7	5.4
CITATION FORE	5.0	4.3	4.7	5.3	4.7	5.0	6.7	7.3	6.3	5.7	4.3	5.3	5.4
PENTIUM	4.7	4.3	4.3	4.7	5.0	5.3	7.3	7.3	6.0	6.0	4.7	5.0	5.4
GRAY STAR (PST 2LGL)	3.7	3.3	4.3	5.0	4.7	4.7	6.7	7.0	7.0	6.7	5.3	5.7	5.3
TOP GUN II (JR 324)	4.0	4.0	4.7	5.0	5.0	5.0	6.0	7.0	6.7	6.7	5.0	5.0	5.3
HALO (KN42)	3.7	4.0	4.7	5.0	5.0	4.7	6.7	6.7	6.0	6.3	5.3	5.7	5.3
L44	4.0	3.7	4.7	4.7	5.0	5.0	6.0	6.7	6.0	6.7	5.3	6.0	5.3
SNR	4.0	3.7	4.3	4.7	4.7	5.0	6.7	6.7	6.3	6.7	5.3	5.7	5.3
PREMIER II	4.3	3.7	4.3	5.0	4.7	5.3	6.7	7.0	6.0	6.3	5.0	5.3	5.3
ES45	3.7	3.7	4.3	5.0	5.0	5.3	7.0	7.0	6.0	6.0	5.0	5.7	5.3
ACCENT II (JR 119)	4.0	3.3	4.7	4.7	4.7	5.0	6.3	7.3	6.7	6.7	4.7	5.3	5.3
GOALKEEPER II (JR 114)	3.3	3.3	4.3	5.0	5.0	5.3	7.0	7.0	6.3	6.3	4.7	5.3	5.3

TABLE 8.
(CONT'D)

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS FOR EACH
MONTH GROWN AT CORVALLIS, OR (PACIFIC REGION) 1/
2005 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
PIANIST (DP 17 9505)	3.7	3.7	4.3	5.0	4.7	5.3	6.7	7.0	6.3	6.7	4.7	5.0	5.3
PST 217	3.3	3.7	4.3	4.7	5.0	4.7	6.3	6.7	6.7	6.7	5.3	5.7	5.3
1G2 (APR 1664)	4.3	4.0	4.0	5.3	5.3	5.0	6.3	6.3	6.0	6.0	4.7	5.3	5.2
DELAWARE XL (PICK 01-2)	4.0	3.3	4.7	5.0	4.3	5.3	6.3	6.7	6.0	6.7	5.0	5.3	5.2
TR47	3.7	3.7	4.7	4.0	4.7	5.0	6.3	6.7	6.0	6.3	5.7	6.0	5.2
VB77	4.0	4.0	4.3	4.7	5.3	4.7	6.0	7.0	5.7	6.3	5.0	5.7	5.2
ASP6002 (BPR)	4.0	3.3	4.3	4.7	4.0	5.0	6.7	7.3	6.3	6.7	5.0	5.3	5.2
BRIGHTSTAR SLT	4.0	4.3	4.7	4.7	4.7	5.0	6.3	6.7	6.3	6.0	4.7	5.3	5.2
LA QUINTA (JR 255)	3.3	3.3	4.7	4.3	4.7	4.7	6.7	7.3	6.3	6.7	4.7	5.7	5.2
PHENOM (APR 1660)	4.7	3.7	4.3	4.7	4.3	4.7	6.3	7.0	6.3	6.3	5.0	5.0	5.2
DP 17 9499	4.0	4.0	4.3	5.0	4.3	5.3	7.3	6.7	6.0	6.3	4.3	4.7	5.2
HARRIER (SRX 4UP3)	4.0	4.3	4.0	4.7	4.7	4.3	6.7	6.7	6.7	6.3	4.7	5.3	5.2
PST 2GSM	3.7	4.0	4.0	4.7	4.3	4.3	7.3	7.0	6.3	6.0	5.3	5.3	5.2
BAR LP 4317	3.7	3.3	4.3	4.7	5.0	5.0	6.0	6.7	6.7	6.7	4.7	5.3	5.2
QUICKSILVER	3.3	3.3	4.3	4.7	4.7	5.0	6.3	7.3	6.3	6.7	4.7	5.0	5.1
ASP6004 (EXS54)	3.3	3.7	4.3	4.7	5.0	5.0	6.3	7.0	5.7	6.3	5.0	5.3	5.1
E 99	4.0	4.0	4.3	4.3	4.7	4.7	6.3	6.7	6.0	6.0	4.3	5.7	5.1
LPR 02203	3.3	3.0	4.3	4.7	4.7	5.0	6.7	7.0	6.0	6.3	5.0	5.0	5.1
WIND DANCE 2 (PWDR)	4.0	3.3	4.3	4.3	4.3	5.0	6.3	6.7	5.7	6.3	5.0	5.7	5.1
PST 2BLK	3.3	3.3	3.7	4.7	4.3	4.7	6.7	6.7	6.0	6.0	5.0	5.0	4.9
PALMER III	3.7	3.3	4.0	4.0	4.0	4.3	7.0	6.3	6.3	5.7	4.7	5.3	4.9
SRX 4692	4.0	3.3	4.3	4.7	4.0	4.3	6.3	6.3	6.0	5.7	4.3	5.0	4.9
ASP6001 (RTS)	3.7	2.7	4.0	4.3	4.3	4.7	5.7	6.7	5.7	6.0	5.0	5.0	4.8
PST 2AG4	3.0	3.0	4.0	4.3	4.3	4.3	6.3	6.7	5.7	6.0	5.0	5.0	4.8
SP4	3.7	3.3	4.3	4.3	4.0	4.3	6.0	5.7	5.7	6.3	4.7	5.3	4.8
PINNACLE II	4.0	4.0	4.0	5.0	4.3	4.3	6.0	6.0	5.3	5.7	4.3	5.0	4.8
SRX 4682	3.7	3.3	3.7	4.3	3.7	4.0	5.0	5.7	5.3	5.3	3.7	4.7	4.4
LINN	3.7	2.7	3.0	3.0	3.3	4.7	5.0	4.0	4.7	4.0	3.0	3.0	3.7
LSD VALUE	1.1	1.0	1.1	1.0	1.0	1.1	1.5	1.2	1.1	1.0	1.1	1.1	0.8
C.V. (%)	15.2	15.0	14.5	12.1	13.1	13.1	13.6	10.1	9.9	9.1	13.2	11.7	8.7

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 9. TURFGRASS WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN UNDER TRAFFIC STRESS */
 AT EAST LANSING, MI 1/
 2005 DATA
 TURFGRASS WEAR TOLERANCE AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	SPRING GREENUP	WEAR TOLERANCE	PERCENT COVER SPRING	PERCENT COVER FALL
PST 217	6.0	6.0	96.3	75.0
TR47	7.0	6.3	94.0	73.3
ACCENT II (JR 119)	6.0	6.3	96.0	71.7
GRAY STAR (PST 2LGL)	6.0	5.7	96.7	71.7
1G2 (APR 1664)	6.0	5.3	96.7	70.0
DERBY XTREME (IS PR 268)	6.0	5.0	97.3	70.0
PALMER III	5.3	5.3	94.7	70.0
TOP GUN II (JR 324)	6.7	6.0	94.7	70.0
OVERDRIVE	6.0	5.7	95.0	68.3
PALMER IV	6.3	5.3	95.3	68.3
PICK RB 1	6.3	5.0	94.0	68.3
VB77	7.0	5.3	96.7	68.3
ASP6002 (BPR)	7.0	5.7	94.3	66.7
EXACTA II GLSR (LTP 611 GLSR)	6.3	6.0	97.7	66.7
GOALKEEPER II (JR 114)	6.0	5.0	96.7	66.7
HOMERUN (RG3P)	6.0	5.0	97.7	66.7
BAR LP 4920	6.0	5.7	97.3	65.0
D04 UP	6.0	5.3	95.7	65.0
DP 17 9499	6.3	5.3	96.7	65.0
DP 17 9788	6.3	4.7	96.7	65.0
L44	6.7	4.3	95.0	65.0
PIZZAZZ	6.0	5.3	96.3	65.0
PREMIER II	6.0	5.0	97.3	65.0
RAD PR8	6.0	5.3	97.7	65.0
AF	6.0	5.7	96.3	63.3
ASP6006 (LPFG)	7.0	5.0	96.7	63.3
BAR LP 4420	6.0	5.7	94.0	63.3
FIESTA 4 (PICK F4)	6.3	5.7	97.0	63.3
GL 2	6.0	5.7	95.0	63.3
STELLAR GL (IS PR 236)	6.3	5.0	96.7	63.3
PM 102	6.7	5.3	96.0	63.3
PST 2BLK	6.0	5.0	94.0	63.3
REVENGE GLX (JR 348)	6.0	5.7	96.7	63.3
APPLE GL (AAZ B104)	6.0	5.0	97.7	61.7
APR 1648	6.3	4.3	96.0	61.7
APR 1670	5.3	6.7	95.7	61.7
LINE DRIVE GLS (APR 1797)	6.0	6.0	96.3	61.7
ASP6003 (TRS)	6.7	5.3	97.0	61.7
ASP6004 (EXS54)	7.0	6.0	96.7	61.7
CHARISMATIC II GLSR (LTP PG GLSR)	6.0	5.0	95.0	61.7
PS 2	6.0	6.0	96.7	61.7
PST 2LAN	6.0	6.3	96.0	61.7
WIND DANCE 2 (PWDR)	6.7	4.0	93.3	61.7
AC2	6.0	5.3	97.3	60.0
PHENOM (APR 1660)	6.0	5.3	95.7	60.0
CITATION FORE	6.0	5.0	97.7	60.0

TABLE 9.
(CONT'D)

TURFGRASS WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT EAST LANSING, MI 1/
2005 DATA
TURFGRASS WEAR TOLERANCE AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	SPRING GREENUP	WEAR TOLERANCE	PERCENT COVER SPRING	PERCENT COVER FALL
LCK	6.3	6.0	97.3	60.0
PENTIUM	6.0	4.3	96.7	60.0
PIANIST (DP 17 9505)	6.3	4.0	95.0	60.0
PRIMARY (IS PR 269)	6.0	5.0	96.3	60.0
SILVER DOLLAR	6.3	6.0	96.3	58.3
DART (APR 1663)	6.0	4.7	95.7	58.3
ASP6005 (AJM)	6.7	6.3	95.0	58.3
BARLENNIUM	6.0	5.0	96.7	58.3
D04 1667	6.0	4.3	95.0	58.3
HARRIER (SRX 4UP3)	6.0	4.3	95.7	58.3
PINNACLE	4.0	5.0	93.3	58.3
QUICKSILVER	6.3	4.7	93.3	58.3
SP4	7.0	4.0	93.3	58.3
04 BRE	6.0	4.0	94.0	56.7
ES45	7.0	5.0	91.7	56.7
FUSION	6.0	4.7	95.0	56.7
MMW	6.3	6.0	96.3	56.7
MONTEREY 3 (JR 408)	6.3	6.0	97.7	56.7
PANTHER GLS	6.0	4.7	97.3	56.7
DELAWARE XL (PICK 01-2)	6.7	5.0	95.0	56.7
PICK 02 R	7.0	4.7	96.7	56.7
PM 101	6.3	4.7	97.7	56.7
PST 2AG4	6.0	5.0	95.7	56.7
SRX 4682	6.0	5.3	95.0	56.7
MACH I	6.0	4.7	96.7	55.0
MANHATTAN 5 GLR (PST 2AM)	6.0	5.0	95.3	55.0
MS2	6.7	5.0	96.7	55.0
REGAL 5 (IS PR 271)	6.7	4.7	96.3	53.3
PINNACLE II	6.0	4.0	96.3	53.3
PST 2GSM	6.0	5.3	96.3	53.3
BAR LP 4317	6.3	5.3	95.0	51.7
FIREBOLT (PRG HS 01 09)	7.0	4.0	97.3	51.7
CABO II (IS-PR 233)	6.7	4.3	94.7	51.7
ALL*STAR 3 (IS PR 274)	6.7	4.7	98.0	51.7
AMAZING GS (IS-PR 276)	6.0	4.3	96.7	51.7
PARAGON GLR	6.0	5.0	97.3	51.7
PST 2MNG	6.0	4.3	95.0	51.7
DCM	6.0	4.3	97.0	50.0
E 99	6.0	4.3	93.3	50.0
PALACE (IS PR 273)	6.0	5.7	97.0	50.0
SNR	6.7	4.7	96.7	50.0
04 BEN	6.3	4.0	95.3	49.3
AFFINITY	5.3	4.7	95.0	48.3
LA QUINTA (JR 255)	6.3	4.7	94.0	48.3
PANTHER	5.3	5.3	95.7	48.3
PLEASURE SUPREME (PM 103)	6.7	5.0	96.7	48.3

TABLE 9.
(CONT'D))

TURFGRASS WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT EAST LANSING, MI 1/
2005 DATA
TURFGRASS WEAR TOLERANCE AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	SPRING GREENUP	WEAR TOLERANCE	PERCENT COVER SPRING	PERCENT COVER FALL
PREMIER	4.0	4.7	95.7	48.3
RNS	6.0	5.0	96.0	48.3
VB99	6.3	5.3	96.3	48.3
BRIGHTSTAR SLT	6.0	4.0	96.7	47.0
DP1	6.0	4.0	96.7	47.0
SECRETARIAT II GLSR (LTP 101 GLSR)	6.0	3.3	96.3	47.0
GALATTI (DP 17 9502)	6.3	4.3	94.3	46.7
SR 4600 (SRX 4SP)	6.0	4.3	96.3	46.7
SRX 4692	6.0	3.0	96.3	46.7
BUENA VISTA	6.0	4.7	94.3	45.0
CADDIESHACK II (JR 163)	6.3	5.3	96.0	45.0
HALO (KN42)	7.0	5.0	96.0	45.0
PRESIDIO (CNV)	6.7	4.7	94.0	45.0
HEADSTART 2	6.7	4.0	94.3	44.3
D04 LP05	6.3	4.7	96.7	43.3
GPR	6.7	4.0	95.7	42.0
INSPIRE	6.0	4.0	96.7	40.3
KOKOMO II (IS-PR 235)	6.0	4.3	94.7	40.3
SUNSHINE 2	7.0	4.3	95.7	40.0
D04 11T	6.7	3.0	94.0	38.7
ASP6001 (RTS)	7.0	4.7	94.3	38.3
ATTRIBUTE (IS-PR 270)	6.7	4.3	96.3	35.0
LPR 02203	6.0	4.3	94.0	33.7
KEYSTONE 2 (IS PR 312)	6.0	4.3	98.0	31.0
LINN	4.0	3.0	90.0	26.7
PROTEGE GLR	6.3	4.0	94.0	25.3
REPELL GLS	6.0	4.3	93.3	25.0
LSD VALUE	0.6	3.7	10.1	63.5
C.V. (%)	6.5	23.1	2.5	30.2

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. FIVE TO TEN PASSES PER WEEK ARE APPLIED FOR EIGHT TO TEN WEEKS IN SPRING AND FALL, STARTING IN FALL 2005.

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
AT MEAD, NE 1/
FOR TRAFFIC TOLERANCE STUDY */
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	APR	MAY	QUALITY RATINGS					MEAN
								JUN	JUL	AUG	SEP	OCT	
PICK 02 R	9.0	3.3	9.0	8.7	8.3	7.7	9.0	8.0	6.3	6.7	7.7	7.0	7.5
D04 11T	7.7	5.3	9.0	8.7	8.3	6.7	9.0	7.3	6.0	6.3	8.0	7.7	7.3
FIREBOLT (PRG HS 01 09)	8.7	4.0	9.0	8.7	8.3	6.7	9.0	7.7	6.0	6.0	8.0	7.3	7.2
PLEASURE SUPREME (PM 103)	7.7	4.0	8.7	8.3	8.3	6.7	8.3	7.3	6.3	6.7	8.0	7.3	7.2
PM 101	8.7	5.3	8.3	8.7	8.7	6.7	8.0	8.0	6.3	6.3	7.3	7.0	7.1
AC2	7.7	4.7	8.3	8.7	8.3	6.0	8.7	7.3	6.3	5.3	8.0	7.0	7.0
APR 1648	8.7	4.3	8.3	8.0	7.7	6.7	8.3	8.0	5.3	6.0	7.3	7.0	7.0
DERBY XTREME (IS PR 268)	7.7	4.0	8.3	8.3	9.0	6.7	8.3	7.0	6.0	6.3	7.7	6.7	7.0
DP1	8.0	4.7	8.7	8.0	8.7	7.0	9.0	7.7	5.3	5.3	7.3	7.7	7.0
SUNSHINE 2	8.0	4.0	8.3	8.0	8.3	7.3	8.3	7.3	6.0	5.7	7.7	6.7	7.0
1G2 (APR 1664)	7.7	4.0	8.3	8.7	8.3	7.0	8.3	7.3	5.7	6.7	6.7	6.7	6.9
KEYSTONE 2 (IS PR 312)	7.3	4.0	9.0	8.7	8.3	7.0	8.3	7.0	6.0	6.3	7.0	6.7	6.9
VB99	8.7	4.3	8.0	7.7	8.0	6.3	8.3	8.0	5.0	5.7	7.3	7.3	6.9
FIESTA 4 (PICK F4)	8.3	4.7	8.3	8.0	8.0	5.7	8.3	7.0	6.0	5.7	7.7	7.3	6.8
GPR	8.0	3.7	9.0	8.0	7.7	6.7	9.0	7.7	5.0	4.3	7.3	7.3	6.8
PIZZAZZ	8.0	4.0	9.0	8.7	8.7	5.7	8.7	7.3	6.0	6.3	7.0	6.3	6.8
PROTEGE GLR	7.0	4.7	8.7	8.3	8.3	6.3	8.7	7.0	5.7	6.0	7.7	6.3	6.8
ASP6004 (EXS54)	9.0	3.7	8.0	7.7	7.3	6.7	8.3	7.0	5.3	5.7	7.0	7.0	6.7
BUENA VISTA	7.3	4.0	9.0	8.3	8.3	6.0	8.7	7.3	5.3	5.3	7.3	6.7	6.7
D04 1667	7.3	4.3	8.7	8.7	8.0	7.0	8.7	7.3	5.3	6.3	6.0	6.3	6.7
D04 UP	7.0	6.0	8.3	8.3	7.7	5.7	8.3	7.3	5.7	6.0	7.3	6.3	6.7
KOKOMO II (IS PR 235)	7.7	4.7	8.7	8.0	8.0	5.0	8.7	7.0	5.3	6.0	8.0	7.0	6.7
PST 2GSM	7.3	3.7	8.0	8.3	8.0	5.7	8.3	7.0	5.3	6.3	7.3	7.0	6.7
ALL*STAR 3 (IS PR 274)	7.7	4.3	8.7	8.0	8.0	6.3	8.0	6.0	5.7	5.7	7.0	7.3	6.6
ASP6006 (LPFG)	8.3	4.0	8.0	7.7	8.3	5.3	8.7	7.0	5.0	5.3	7.3	7.3	6.6
ATTRIBUTE (IS PR 270)	7.3	4.0	8.7	8.0	7.7	5.7	8.3	7.3	5.3	5.3	7.0	7.3	6.6
EXACTA II GLSR (LTP 611 GLSR)	7.3	5.0	8.3	8.3	8.3	6.0	8.7	6.3	5.0	5.7	7.7	6.7	6.6
MS2	8.0	3.7	8.3	7.7	7.0	6.3	8.3	7.3	5.7	4.3	7.7	6.3	6.6
PALACE (IS PR 273)	8.0	5.7	7.7	7.7	8.3	5.3	7.7	6.7	5.3	6.3	7.3	7.3	6.6
PALMER IV	7.3	4.0	8.3	7.7	7.7	6.3	8.0	7.0	5.0	6.3	6.7	6.7	6.6
PINNACLE II	8.0	5.0	8.7	8.3	8.0	6.3	8.3	7.7	5.3	6.3	6.3	6.0	6.6
RNS	7.0	3.3	8.0	8.3	8.0	6.0	8.3	6.7	6.3	6.3	6.7	5.7	6.6
STELLAR GL (IS PR 236)	8.0	4.0	8.7	8.0	8.0	5.7	8.7	7.7	5.0	5.7	6.7	7.0	6.6
GL 2	7.0	4.7	8.7	8.3	8.3	6.3	8.3	7.0	6.0	6.3	6.3	5.3	6.5
PICK RB 1	7.3	4.7	8.3	8.0	7.3	6.0	8.3	7.0	6.0	5.3	6.3	6.7	6.5
ASP6002 (BPR)	8.3	4.7	9.0	8.0	6.0	7.0	9.0	7.7	4.7	4.7	6.0	6.0	6.4
BAR LP 4920	8.3	5.7	8.3	7.7	7.0	6.0	8.7	7.7	5.7	5.0	6.3	5.7	6.4
D04 LP05	7.0	4.0	8.0	7.7	7.3	5.3	8.3	7.0	5.0	5.3	7.0	7.0	6.4
MACH I	7.7	4.0	8.3	8.3	7.0	6.0	8.3	6.7	5.7	5.7	6.3	6.3	6.4
MMW	7.0	5.3	8.7	7.7	7.7	5.3	8.3	7.3	5.0	5.7	6.7	6.7	6.4
PARAGON GLR	7.3	5.7	8.7	7.7	8.0	6.0	8.0	6.3	5.7	5.0	7.0	7.0	6.4
REGAL 5 (IS PR 271)	8.0	5.3	8.7	7.7	7.7	5.0	8.7	7.3	5.7	4.7	7.0	6.3	6.4
REVENGE GLX (JR 348)	7.0	4.7	8.0	7.7	6.7	6.7	8.0	6.7	5.7	5.7	6.3	5.7	6.4
SNR	9.0	5.3	8.3	7.7	8.0	6.3	8.0	7.0	4.7	5.0	7.3	6.7	6.4
TOP GUN II (JR 324)	8.0	4.3	8.0	7.7	7.3	6.0	8.7	7.3	5.3	5.3	7.0	5.3	6.4
WIND DANCE 2 (PWDR)	8.0	3.3	8.3	7.7	7.7	5.3	9.0	7.0	5.0	5.0	7.0	6.7	6.4

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
AT MEAD, NE 1/
FOR TRAFFIC TOLERANCE STUDY */
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS							
						APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
04 BRE	7.7	3.3	8.3	7.3	7.7	6.0	8.0	6.7	4.7	5.3	7.0	6.3	6.3
ASP6003 (TRS)	8.3	3.7	8.0	8.0	6.3	7.0	8.7	7.7	5.0	4.3	6.7	5.0	6.3
CABO II (IS PR 233)	8.0	3.7	8.3	7.3	7.7	5.7	8.0	6.3	5.0	5.7	7.0	6.3	6.3
DELAWARE XL (PICK 01 2)	8.7	3.7	8.0	8.0	7.0	7.0	8.3	7.3	4.7	5.0	6.7	5.3	6.3
E 99	6.7	5.3	8.7	7.7	8.0	6.3	8.3	6.3	4.7	6.0	6.7	6.0	6.3
ES45	7.7	4.0	8.3	7.3	7.0	5.0	8.3	7.0	4.7	5.3	7.3	6.3	6.3
MONTEREY 3 (JR 408)	6.7	3.0	8.0	8.0	8.0	7.0	8.3	6.3	4.7	5.7	6.7	5.3	6.3
TR47	8.3	3.0	8.3	7.3	6.7	6.3	8.3	6.7	5.3	4.3	7.0	6.0	6.3
\$ILVER DOLLAR	8.3	5.0	8.0	7.7	7.3	5.3	7.7	7.0	5.3	5.7	6.7	6.0	6.2
AF	7.3	4.3	8.0	8.0	7.0	6.7	8.0	6.0	5.3	5.3	6.0	6.3	6.2
ASP6005 (AJM)	7.7	3.3	8.3	8.0	7.7	6.0	8.3	6.7	5.0	4.0	7.3	6.3	6.2
INSPIRE	7.0	4.3	8.3	7.7	8.0	6.3	8.3	7.0	4.3	5.7	6.7	5.0	6.2
LCK	6.7	4.0	8.3	8.3	7.0	6.0	8.0	7.0	5.7	4.7	6.0	6.0	6.2
PM 102	8.3	4.7	7.7	7.7	7.3	6.0	8.0	6.0	5.3	4.7	7.0	6.3	6.2
PRIMARY (IS PR 269)	7.3	4.7	8.3	8.0	7.7	6.0	8.0	6.7	5.0	5.3	7.0	5.7	6.2
PS 2	7.7	5.3	9.0	7.7	6.7	6.3	8.3	8.0	5.3	5.0	5.7	5.0	6.2
SP4	8.0	4.0	7.7	7.3	7.3	6.0	8.0	5.7	4.7	5.0	7.3	7.0	6.2
AMAZING GS (IS PR 276)	7.7	4.3	8.3	7.7	7.3	6.0	7.7	6.0	5.0	5.0	6.7	6.3	6.1
BARLENNIUM	7.3	3.7	8.3	8.0	8.0	6.0	8.0	6.7	4.7	5.3	6.7	5.7	6.1
DCM	7.7	3.3	8.7	7.7	6.7	5.3	8.3	6.7	5.7	5.3	6.0	5.7	6.1
HARRIER (SRX 4UP3)	7.3	5.3	8.0	8.7	7.7	5.3	7.3	7.0	5.3	5.7	5.7	6.7	6.1
L44	7.3	4.3	8.3	7.0	6.7	5.3	8.0	7.0	4.7	4.3	7.0	6.3	6.1
PIANIST (DP 17 9505)	7.7	4.0	8.7	7.7	7.7	5.3	8.7	7.0	4.7	5.3	6.7	5.3	6.1
PRESIDIO (CNV)	8.0	4.0	8.0	7.3	7.3	6.0	8.0	6.3	4.7	5.3	7.0	5.7	6.1
SECRETARIAT II GLSR (LTP 101 GLSR)	7.7	4.7	8.3	8.3	8.0	6.3	8.3	6.7	5.3	5.3	5.7	5.0	6.1
SR 4600 (SRX 4SP)	8.0	4.3	7.3	8.0	7.7	5.7	7.7	6.3	4.7	6.3	6.7	5.7	6.1
04 BEN	7.0	4.0	8.3	7.7	8.0	5.7	7.7	6.0	5.0	4.3	7.0	6.3	6.0
ASP6001 (RTS)	8.0	3.3	8.0	7.3	7.3	6.0	8.0	6.7	4.3	4.7	7.0	5.7	6.0
DP 17 9499	7.3	4.3	9.0	7.7	6.0	6.7	8.7	7.0	5.0	3.7	5.3	5.7	6.0
DP 17 9788	7.3	3.3	9.0	7.7	7.0	6.3	8.3	5.7	5.0	5.3	5.7	6.0	6.0
HALO (KN42)	8.3	4.7	8.0	7.3	7.0	6.3	8.0	6.0	5.0	4.0	6.7	6.3	6.0
PHENOM (APR 1660)	7.3	2.7	8.0	8.3	7.3	5.3	8.0	6.7	5.7	5.3	5.7	5.0	6.0
QUICKSILVER	7.3	3.0	7.7	7.0	7.0	6.0	7.7	6.0	4.0	5.0	6.3	6.7	6.0
RAD PR8	8.0	4.3	8.0	8.0	7.0	6.0	8.7	6.7	5.0	4.3	5.3	5.7	6.0
APR 1670	7.0	5.3	8.7	8.0	7.7	5.3	7.7	6.7	5.7	5.0	5.3	5.7	5.9
CHARISMATIC II GLSR (LTP PG GLSR)	7.0	4.0	7.7	7.3	7.0	5.0	8.0	6.0	5.0	5.7	5.7	6.0	5.9
FUSION	7.3	4.7	8.0	8.0	7.0	5.3	8.0	6.7	5.3	4.7	5.7	5.7	5.9
GALATTI (DP 17 9502)	8.0	4.7	8.3	7.7	6.3	6.7	8.7	6.3	4.7	4.3	5.0	5.3	5.9
HOMERUN (RG3P)	7.3	4.7	8.7	8.7	5.7	6.3	8.3	6.7	4.7	4.3	5.3	5.3	5.9
LINE DRIVE GLS (APR 1797)	7.0	3.7	8.3	7.7	6.0	6.0	8.0	6.7	4.7	5.0	5.3	5.3	5.9
PANTHER GLS	7.0	3.3	8.0	8.0	6.3	6.0	8.7	6.3	5.3	4.7	5.0	5.0	5.9
DART (APR 1663)	7.0	4.3	7.7	7.7	7.0	5.7	7.3	5.7	4.3	4.7	6.0	6.7	5.8
PST 217	7.0	2.7	8.3	8.0	7.0	6.0	8.3	6.0	4.7	4.7	6.0	5.0	5.8
ACCENT II (JR 119)	6.7	3.7	8.0	7.3	7.3	6.3	7.7	6.0	4.0	5.3	5.7	4.7	5.7
GOALKEEPER II (JR 114)	7.7	5.0	8.0	7.0	7.0	6.0	8.7	6.3	3.7	4.3	6.0	5.0	5.7
GRAY STAR (PST 2LGL)	7.0	2.7	7.3	7.3	6.7	5.3	7.7	5.3	4.7	4.3	6.7	6.0	5.7

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
AT MEAD, NE 1/
FOR TRAFFIC TOLERANCE STUDY */
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	APR	MAY	JUN	QUALITY RATINGS				MEAN
									JUL	AUG	SEP	OCT	
MANHATTAN 5 GLR (PST 2AM)	7.0	4.0	7.3	7.7	7.3	4.7	7.7	6.0	5.3	5.3	6.0	5.0	5.7
PST 2MNG	7.0	4.7	7.7	7.7	7.0	4.7	7.7	6.0	4.7	4.7	6.7	5.3	5.7
APPLE GL (AAZ B104)	7.0	4.3	7.7	7.3	7.0	5.7	7.3	5.7	4.3	4.3	6.3	5.7	5.6
BAR LP 4317	7.0	4.3	8.7	7.7	6.7	5.7	8.3	5.7	5.0	5.0	4.7	5.0	5.6
OVERDRIVE	7.7	3.7	8.0	7.3	6.3	5.0	8.3	7.0	4.3	4.3	5.7	4.7	5.6
PALMER III	6.3	4.0	8.3	7.3	6.7	6.0	8.0	6.3	4.0	4.3	5.3	5.0	5.6
PREMIER II	7.7	4.7	8.0	7.7	7.7	5.0	7.7	6.3	4.0	5.0	6.0	5.3	5.6
PST 2LAN	7.0	3.7	7.7	7.7	8.0	5.0	8.0	5.7	4.3	4.3	6.0	5.7	5.6
VB77	7.3	3.7	8.0	6.7	6.0	5.3	8.0	6.3	4.0	4.0	6.0	5.7	5.6
BAR LP 4420	8.0	4.3	8.0	7.0	7.3	5.3	7.7	6.3	4.3	4.0	5.7	5.3	5.5
HEADSTART 2	8.0	3.7	8.0	7.3	5.7	6.3	8.0	5.7	4.7	4.3	5.3	4.3	5.5
PST 2AG4	7.7	3.7	7.0	7.0	7.0	5.7	7.0	5.7	3.3	4.7	6.7	5.7	5.5
PST 2BLK	7.3	3.3	7.3	7.3	6.0	5.0	7.3	6.3	4.3	4.0	6.0	5.7	5.5
CADDIESHACK II (JR 163)	7.7	4.0	8.0	7.0	7.0	5.0	7.0	5.7	4.0	4.7	6.0	5.3	5.4
CITATION FORE	6.7	4.0	7.7	7.3	7.0	4.7	7.7	5.3	4.7	4.0	5.7	5.0	5.3
REPELL GLS	7.0	3.3	7.3	7.0	5.3	5.7	7.3	5.3	5.3	4.0	4.3	5.0	5.3
LA QUINTA (JR 255)	7.0	4.7	7.3	7.0	6.0	5.7	6.7	5.7	3.3	3.7	6.3	5.0	5.2
PANTHER	6.0	3.7	8.7	7.7	6.7	6.0	7.7	5.7	4.0	4.7	4.0	4.0	5.1
SRX 4692	7.3	4.0	7.7	7.0	6.7	4.0	7.3	5.7	4.0	3.7	6.3	5.0	5.1
PENTIUM	6.3	4.3	7.7	7.0	7.0	3.7	7.3	5.3	4.3	4.3	5.3	4.3	5.0
SRX 4682	7.0	3.0	8.0	6.7	7.0	5.3	7.7	6.0	2.7	3.3	5.3	4.7	5.0
BRIGHTSTAR SLT	7.0	3.3	7.0	7.7	6.7	3.7	7.0	5.3	4.3	3.7	4.7	5.0	4.8
LPR 02203	6.0	2.3	8.3	7.0	6.3	6.3	7.7	5.0	3.3	3.0	3.3	3.7	4.6
AFFINITY	6.0	3.3	8.0	7.7	8.0	3.7	7.3	4.7	4.3	4.3	3.3	3.7	4.5
PREMIER	6.0	3.3	8.3	7.3	7.0	5.3	7.7	4.7	3.7	3.3	3.7	3.3	4.5
MANHATTAN II	6.0	3.7	7.3	6.3	6.7	4.0	6.7	4.3	3.3	4.7	3.7	4.0	4.4
PINNACLE	5.7	4.0	7.7	6.3	6.7	2.0	6.3	3.7	3.0	2.3	2.7	3.0	3.3
LINN	4.0	2.0	6.7	4.3	4.7	1.0	.	1.0	1.0	1.0	1.3	1.0	1.1
LSD VALUE	1.0	2.2	1.4	1.2	2.9	1.5	1.6	1.5	1.5	2.2	1.8	2.0	1.0
C.V. (%)	8.3	23.7	7.7	8.5	15.2	15.5	8.6	13.3	17.4	21.8	16.6	18.8	10.0

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

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

*/ TRAFFIC IS APPLIED USING A WHEELED GOLF TRAFFIC SIMULATOR. EIGHT TO TWELVE PASSES PER WEEK ARE APPLIED IN SPRING, SUMMER AND FALL, STARTING IN FALL 2005.

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN UNDER TRAFFIC STRESS */
 AT ITHACA, NY 1/
 2005 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	SEEDLING	QUALITY RATINGS					MEAN
	VIGOR	JUL	AUG	SEP	OCT		
MS2	7.3	7.3	7.0	8.0	8.0	7.6	
D04 11T	7.3	7.0	7.0	8.0	8.0	7.5	
DP 17 9499	7.3	7.0	7.3	7.7	7.7	7.4	
RAD PR8	7.3	7.0	6.7	8.0	8.0	7.4	
DART (APR 1663)	6.7	6.7	6.7	7.7	8.0	7.3	
LINE DRIVE GLS (APR 1797)	6.3	7.0	6.7	7.7	7.7	7.3	
BAR LP 4420	7.0	6.7	6.7	7.7	8.0	7.3	
FUSION	7.3	7.0	6.3	8.0	8.0	7.3	
GOALKEEPER II (JR 114)	8.0	7.3	6.7	7.7	7.7	7.3	
HARRIER (SRX 4UP3)	7.3	7.0	6.7	7.7	7.7	7.3	
CABO II (IS-PR 233)	7.0	6.3	6.7	8.0	8.0	7.3	
DERBY XTREME (IS PR 268)	7.0	7.0	6.3	7.7	8.0	7.3	
KEYSTONE 2 (IS PR 312)	6.7	6.3	7.0	8.0	8.0	7.3	
L44	7.3	6.7	6.7	7.7	8.0	7.3	
PANTHER GLS	7.7	7.0	7.0	7.3	7.7	7.3	
PST 217	7.0	6.7	7.0	7.7	8.0	7.3	
PST 2LAN	7.0	6.7	7.0	7.7	7.7	7.3	
WIND DANCE 2 (PWDR)	7.7	7.0	6.7	7.7	7.7	7.3	
APPLE GL (AAZ B104)	7.3	6.7	6.3	7.7	8.0	7.2	
APR 1670	7.0	6.7	6.7	7.7	7.7	7.2	
BRIGHTSTAR SLT	7.3	7.3	6.7	7.3	7.3	7.2	
BUENA VISTA	6.7	6.3	6.3	8.0	8.0	7.2	
DP1	7.0	6.7	6.3	7.7	8.0	7.2	
FIREBOLT (PRG HS 01 09)	7.0	6.3	6.7	7.7	8.0	7.2	
INSPIRE	7.0	7.0	6.7	7.3	7.7	7.2	
ATTRIBUTE (IS-PR 270)	7.0	6.0	6.7	8.0	8.0	7.2	
MANHATTAN 5 GLR (PST 2AM)	7.0	6.7	7.0	7.3	7.7	7.2	
PIANIST (DP 17 9505)	7.3	7.0	7.0	7.3	7.3	7.2	
PINNACLE	7.3	6.7	6.7	7.7	7.7	7.2	
PLEASURE SUPREME (PM 103)	6.7	6.7	6.3	7.7	8.0	7.2	
PST 2AG4	7.0	6.7	7.3	7.3	7.3	7.2	
RNS	7.0	6.7	6.7	7.7	7.7	7.2	
SR 4600 (SRX 4SP)	7.3	6.7	6.7	7.3	8.0	7.2	
AF	7.0	6.7	7.0	7.3	7.3	7.1	
CADDIESHACK II (JR 163)	7.3	6.3	6.3	7.7	8.0	7.1	
D04 1667	5.7	6.0	6.7	7.7	8.0	7.1	
DCM	6.7	6.3	6.0	8.0	8.0	7.1	
GPR	7.0	7.0	6.3	7.3	7.7	7.1	
MONTEREY 3 (JR 408)	7.0	6.0	6.3	8.0	8.0	7.1	
PREMIER	7.0	6.7	6.3	7.7	7.7	7.1	
PREMIER II	7.7	6.7	7.0	7.3	7.3	7.1	
PRESIDIO (CNV)	7.0	7.0	7.0	7.0	7.3	7.1	
REPELL GLS	7.0	6.7	7.0	7.0	7.7	7.1	
HOMERUN (RG3P)	6.7	6.3	7.0	7.3	7.7	7.1	
TR47	7.3	7.0	7.0	7.0	7.3	7.1	
VB77	7.3	6.7	7.0	7.0	7.7	7.1	

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN UNDER TRAFFIC STRESS */
 AT ITHACA, NY 1/
 2005 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	SEEDLING	QUALITY RATINGS				MEAN
	VIGOR	JUL	AUG	SEP	OCT	
ASP6003 (TRS)	7.0	6.7	6.7	7.3	7.3	7.0
ASP6005 (AJM)	6.7	6.0	7.3	7.3	7.3	7.0
BAR LP 4920	7.0	6.0	6.7	7.7	7.7	7.0
HALO (KN42)	8.0	7.0	6.3	7.0	7.7	7.0
REGAL 5 (IS PR 271)	7.3	6.3	6.7	7.3	7.7	7.0
PALMER IV	7.7	7.0	6.7	7.0	7.3	7.0
PST 2GSM	6.7	6.7	6.7	7.3	7.3	7.0
PST 2MNG	7.3	6.7	6.0	7.7	7.7	7.0
SNR	7.3	6.7	6.7	7.3	7.3	7.0
SP4	7.7	7.0	6.3	7.3	7.3	7.0
SRX 4682	7.7	6.7	6.3	7.3	7.7	7.0
04 BRE	6.7	6.3	6.7	7.3	7.3	6.9
APR 1648	6.7	6.3	6.7	7.3	7.3	6.9
PHENOM (APR 1660)	7.0	6.7	7.0	7.0	7.0	6.9
1G2 (APR 1664)	7.0	6.7	6.3	7.3	7.3	6.9
ASP6004 (EXS54)	6.7	6.3	6.7	7.3	7.3	6.9
D04 LP05	7.3	6.7	6.7	7.0	7.3	6.9
E 99	7.3	7.0	6.3	7.0	7.3	6.9
FIESTA 4 (PICK F4)	7.0	6.7	7.0	7.0	7.0	6.9
HEADSTART 2	6.0	6.0	7.0	7.3	7.3	6.9
KOKOMO II (IS-PR 235)	5.7	6.3	6.3	7.3	7.7	6.9
MACH I	6.7	6.3	6.7	7.3	7.3	6.9
PALACE (IS PR 273)	5.0	6.0	6.3	7.3	8.0	6.9
PALMER III	6.7	6.3	6.3	7.3	7.7	6.9
DELAWARE XL (PICK 01-2)	7.3	7.0	6.7	7.0	7.0	6.9
PIZZAZZ	7.0	7.0	6.0	7.3	7.3	6.9
PRIMARY (IS PR 269)	6.7	6.3	6.7	7.3	7.3	6.9
PROTEGE GLR	7.3	7.0	6.3	7.0	7.3	6.9
PS 2	7.0	6.7	7.0	7.0	7.0	6.9
PST 2BLK	6.7	6.0	6.3	7.7	7.7	6.9
SECRETARIAT II GLSR (LTP 101 GLSR)	7.0	6.7	5.0	8.0	8.0	6.9
ACCENT II (JR 119)	7.0	6.3	6.7	7.0	7.3	6.8
AFFINITY	7.3	6.7	6.0	7.0	7.3	6.8
ASP6001 (RTS)	7.0	6.3	6.3	7.0	7.7	6.8
CHARISMATIC II GLSR (LTP PG GLSR)	7.3	6.7	6.0	7.3	7.3	6.8
CITATION FORE	7.0	6.0	6.7	7.3	7.3	6.8
DP 17 9788	7.0	6.3	6.0	7.3	7.3	6.8
ES45	7.3	6.3	6.3	7.0	7.3	6.8
GALATTI (DP 17 9502)	7.3	6.3	5.7	7.7	7.7	6.8
GRAY STAR (PST 2LGL)	7.3	6.3	7.0	7.0	7.0	6.8
STELLAR GL (IS PR 236)	7.0	7.0	5.7	7.3	7.3	6.8
ALL*STAR 3 (IS PR 274)	6.7	6.3	6.3	7.3	7.3	6.8
AMAZING GS (IS-PR 276)	7.3	6.3	6.7	7.0	7.0	6.8
LCK	7.7	6.7	6.3	7.0	7.3	6.8
LPR 02203	7.0	6.3	6.3	7.3	7.3	6.8
OVERDRIVE	7.7	6.7	6.3	7.0	7.3	6.8

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) GROWN UNDER TRAFFIC STRESS */
 AT ITHACA, NY 1/
 2005 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	SEEDLING	QUALITY RATINGS					MEAN
	VIGOR	JUL	AUG	SEP	OCT		
PANTHER	7.0	6.3	6.7	7.0	7.0	6.8	
PARAGON GLR	6.7	6.3	6.3	7.0	7.3	6.8	
PICK RB 1	6.7	6.3	7.0	7.0	7.0	6.8	
PM 101	6.7	6.7	7.0	6.7	7.0	6.8	
PM 102	7.3	6.3	6.3	7.0	7.7	6.8	
QUICKSILVER	7.0	6.3	6.3	7.3	7.3	6.8	
SRX 4692	6.7	6.7	6.3	7.0	7.0	6.8	
SUNSHINE 2	6.7	6.3	7.0	7.0	7.0	6.8	
TOP GUN II (JR 324)	7.0	6.0	6.3	7.3	7.7	6.8	
VB99	7.3	6.7	6.3	7.0	7.3	6.8	
04 BEN	7.0	6.3	6.3	7.0	7.0	6.7	
ASP6002 (BPR)	6.3	5.7	6.3	7.0	7.7	6.7	
DO4 UP	7.0	6.3	6.7	6.7	7.0	6.7	
LA QUINTA (JR 255)	6.3	6.0	6.3	7.0	7.3	6.7	
MMW	6.0	6.0	6.0	7.3	7.3	6.7	
PENTIUM	7.3	7.0	6.7	6.0	7.0	6.7	
REVENGE GLX (JR 348)	6.7	6.3	6.3	7.0	7.0	6.7	
GL 2	6.7	6.3	6.3	6.7	7.0	6.6	
PINNACLE II	7.0	6.0	6.3	7.0	7.0	6.6	
\$ILVER DOLLAR	6.7	6.0	4.0	8.0	8.0	6.5	
ASP6006 (LPFG)	7.0	6.0	6.0	7.0	7.0	6.5	
BAR LP 4317	6.0	5.7	6.0	7.0	7.3	6.5	
BARLENNIUM	6.0	5.3	6.3	7.0	7.0	6.4	
PICK 02 R	7.0	6.0	5.7	7.0	7.0	6.4	
AC2	5.7	5.7	5.7	7.0	7.0	6.3	
EXACTA II GLSR (LTP 611 GLSR)	7.0	6.3	6.3	6.3	6.3	6.3	
LINN	6.7	4.0	5.3	5.7	5.3	5.1	
LSD VALUE	2.6	1.4	1.5	2.1	1.7	0.7	
C.V. (%)	10.7	9.3	9.7	8.6	8.0	5.1	

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.

*/ TRAFFIC IS APPLIED USING A BRINKMAN TRAFFIC SIMULATOR FITTED WITH FOOTBALL CLEATS. ONE PASS PER DAY, FIVE DAYS PER WEEK IS APPLIED FOR EIGHT TO TEN WEEKS IN SPRING AND FALL, STARTING IN FALL 2005.

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT PUYALLUP, WA 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	PERCENT	PERCENT	RED	MOWING	DISEASE	QUALITY RATINGS		PERCENT COVER RATINGS		
	COVER	COVER				AFTER TRAFFIC	AFTER TRAFFIC	1 WEEK	2 WEEKS	4 WEEKS
	SUMMER	FALL	THREAD	QUALITY	COMPLEX **/	NOV	DEC			
SR 4600 (SRX 4SP)	97.7	99	5.3	5.7	5.3	3.0	4.0	53.3	70.0	73.3
PALMER IV	99.0	99	5.3	4.7	4.7	3.3	4.0	60.0	66.7	70.0
BUENA VISTA	99.0	99	5.7	5.0	6.0	3.7	4.3	63.3	56.7	70.0
DP 17 9499	97.7	99	6.0	8.3	6.3	3.7	4.0	63.3	60.0	60.0
DP1	97.7	99	5.7	5.7	5.3	4.0	4.0	63.3	66.7	73.3
LCK	99.0	99	6.7	5.3	6.7	4.0	4.0	66.7	63.3	66.7
PIZZAZZ	99.0	99	5.0	7.3	5.0	3.3	4.0	53.3	46.7	66.7
ALL*STAR 3 (IS PR 274)	97.7	99	5.0	5.7	4.3	3.7	4.0	63.3	66.7	70.0
APR 1648	97.7	99	5.3	9.0	5.0	3.7	4.0	73.3	63.3	73.3
D04 11T	97.7	99	6.0	5.7	5.7	3.7	4.0	63.3	70.0	70.0
GL 2	99.0	99	5.3	5.0	5.7	3.7	4.0	70.0	63.3	73.3
KOKOMO II (IS-PR 235)	86.7	99	6.0	5.3	5.7	3.7	4.0	66.7	63.3	63.3
MMW	99.0	99	4.7	6.0	4.7	3.3	4.3	53.3	60.0	70.0
OVERDRIVE	99.0	99	5.3	8.0	5.7	4.0	4.0	66.7	60.0	66.7
REGAL 5 (IS PR 271)	99.0	99	5.7	8.3	4.3	4.0	4.0	66.7	66.7	60.0
HOMERUN (RG3P)	97.7	99	6.3	6.7	5.7	4.0	4.3	70.0	73.3	83.3
RNS	99.0	99	5.0	5.0	6.3	3.3	4.0	56.7	70.0	66.7
D04 LP05	99.0	99	6.0	6.3	5.0	3.7	4.0	66.7	66.7	70.0
LINE DRIVE GLS (APR 1797)	97.7	99	5.0	7.7	4.7	3.3	4.0	56.7	56.7	63.3
PARAGON GLR	99.0	99	5.0	5.0	5.7	4.0	4.0	66.7	70.0	66.7
CITATION FORE	99.0	99	5.0	9.0	5.0	4.0	4.0	70.0	63.3	80.0
DCM	99.0	99	5.3	6.0	4.7	3.3	4.0	63.3	63.3	66.7
EXACTA II GLSR (LTP 611 GLSR)	96.3	99	5.7	4.3	5.3	3.0	4.0	63.3	60.0	66.7
GALATTI (DP 17 9502)	97.7	99	4.7	7.7	5.0	3.7	4.0	63.3	56.7	70.0
PALACE (IS PR 273)	97.7	99	5.0	8.0	5.7	4.0	4.0	66.7	70.0	73.3
PICK RB 1	97.7	99	5.7	4.3	5.7	3.7	4.0	70.0	70.0	73.3
PINNACLE II	99.0	99	4.7	7.0	5.0	3.3	4.0	70.0	63.3	80.0
AC2	99.0	99	5.0	7.7	4.7	3.7	4.0	63.3	63.3	66.7
ASP6002 (BPR)	96.3	99	6.0	7.7	4.7	4.0	4.0	63.3	53.3	66.7
BAR LP 4920	97.7	99	5.0	8.3	4.7	3.7	4.0	66.7	66.7	66.7
CHARISMATIC II GLSR (LTP PG GLSR)	97.7	99	5.3	7.7	4.7	3.7	4.0	66.7	70.0	76.7
D04 UP	99.0	99	5.7	5.3	5.3	3.3	4.0	66.7	56.7	66.7
DERBY XTREME (IS PR 268)	95.0	99	6.0	6.0	6.0	3.3	4.3	63.3	73.3	80.0
FIESTA 4 (PICK F4)	97.7	99	5.0	6.7	4.7	3.3	4.0	60.0	66.7	73.3
FUSION	96.3	99	5.7	5.0	5.7	3.7	4.0	63.3	56.7	66.7
CABO II (IS-PR 233)	97.7	99	5.3	6.7	5.3	3.7	4.3	66.7	73.3	70.0
AMAZING GS (IS-PR 276)	97.7	99	5.7	6.0	6.3	3.3	4.0	66.7	66.7	60.0
MACH I	97.7	99	5.3	7.3	4.7	3.7	4.0	73.3	66.7	76.7
PANTHER GLS	99.0	99	4.7	7.7	5.0	3.3	4.0	63.3	60.0	66.7
PM 101	97.7	99	5.0	7.3	5.0	3.3	4.0	66.7	73.3	73.3
PRESIDIO (CNV)	96.3	99	5.7	7.7	4.3	3.7	4.0	66.7	60.0	73.3
PST 217	97.7	99	5.3	7.7	5.0	4.0	4.0	66.7	56.7	73.3
SNR	97.7	99	5.7	7.3	3.7	3.7	4.0	66.7	50.0	70.0
\$ILVER DOLLAR	97.7	99	5.7	8.3	4.7	4.0	4.0	63.3	73.3	76.7
APPLE GL (AAZ B104)	96.3	99	5.7	5.3	5.3	4.0	4.0	70.0	73.3	80.0
ACCENT II (JR 119)	99.0	99	6.0	8.0	3.0	3.3	4.0	66.7	60.0	63.3

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT PUYALLUP, WA 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	PERCENT	PERCENT	RED	MOWING	DISEASE	QUALITY RATINGS		PERCENT COVER RATINGS		
	COVER	COVER				THREAD	QUALITY	COMPLEX **/	AFTER TRAFFIC	AFTER TRAFFIC
	SUMMER	FALL				NOV	DEC			
AF	96.3	99	5.7	5.0	5.0	3.3	4.0	56.7	63.3	73.3
PHENOM (APR 1660)	97.7	99	4.0	6.7	5.0	4.0	4.0	56.7	60.0	73.3
DART (APR 1663)	97.7	99	6.0	6.7	5.0	4.0	4.3	70.0	70.0	80.0
ASP6003 (TRS)	99.0	99	6.3	8.0	4.0	3.3	4.0	60.0	63.3	66.7
ASP6006 (LPFG)	99.0	99	5.7	7.0	4.0	4.0	4.0	60.0	60.0	66.7
D04 1667	97.7	99	5.7	7.0	5.3	3.3	4.0	66.7	66.7	70.0
GPR	97.7	99	5.3	7.0	3.0	4.0	4.3	73.3	66.7	76.7
ATTRIBUTE (IS-PR 270)	97.7	99	4.3	7.0	5.0	3.7	4.0	66.7	66.7	70.0
KEYSTONE 2 (IS PR 312)	97.7	99	5.7	5.3	4.7	4.0	4.0	63.3	56.7	73.3
DELAWARE XL (PICK 01-2)	97.7	99	5.0	8.0	4.0	3.7	4.3	66.7	66.7	76.7
PICK 02 R	97.7	99	4.7	7.7	4.3	3.7	4.0	60.0	56.7	63.3
WIND DANCE 2 (PWDR)	97.7	99	5.0	8.3	4.3	3.7	4.0	66.7	66.7	73.3
QUICKSILVER	96.3	99	5.0	7.3	4.3	4.0	4.0	63.3	63.3	66.7
RAD PR8	97.7	99	5.3	8.7	4.7	3.3	4.0	63.3	56.7	73.3
SUNSHINE 2	97.7	99	5.0	7.0	3.7	4.0	5.7	70.0	60.0	76.7
APR 1670	97.7	99	5.0	8.3	3.7	3.7	4.3	63.3	70.0	76.7
ASP6004 (EXS54)	96.3	99	6.3	7.0	4.7	3.3	4.3	53.3	56.7	66.7
ASP6005 (AJM)	97.7	99	6.0	7.7	4.3	4.0	4.0	63.3	63.3	66.7
GRAY STAR (PST 2LGL)	97.7	99	5.7	6.0	5.0	3.7	4.0	65.0	60.0	73.3
MANHATTAN 5 GLR (PST 2AM)	99.0	99	4.0	8.0	4.7	3.7	4.0	70.0	63.3	66.7
PIANIST (DP 17 9505)	97.7	99	5.0	7.7	5.0	3.3	4.0	63.3	56.7	70.0
PRIMARY (IS PR 269)	97.7	99	5.7	6.0	5.3	3.3	4.0	63.3	60.0	70.0
PROTEGE GLR	95.0	99	5.3	3.0	6.0	3.7	4.0	56.7	56.7	73.3
PS 2	94.7	99	6.3	7.3	3.7	3.3	4.3	66.7	53.3	66.7
PST 2GSM	96.3	99	6.7	6.0	4.7	3.7	4.0	70.0	60.0	76.7
REPELL GLS	97.7	99	5.3	5.3	4.7	4.0	4.0	70.0	66.7	73.3
REVENGE GLX (JR 348)	97.7	99	5.7	7.0	5.7	3.3	4.0	56.7	63.3	63.3
SECRETARIAT II GLSR (LTP 101 GLSR)	96.3	99	4.0	6.3	5.7	4.0	4.0	66.7	63.3	66.7
VB77	99.0	99	5.7	8.0	4.0	3.3	4.0	63.3	56.7	66.7
1G2 (APR 1664)	99.0	99	5.3	5.7	4.7	3.7	4.0	60.0	66.7	66.7
ASP6001 (RTS)	97.7	99	5.7	8.0	3.3	4.0	4.0	60.0	66.7	76.7
BAR LP 4317	96.3	99	4.0	7.7	4.3	3.3	4.0	60.0	60.0	56.7
BAR LP 4420	95.0	99	5.0	6.3	5.3	4.0	4.3	60.0	66.7	70.0
DP 17 9788	96.3	99	4.3	8.3	4.7	4.0	4.0	63.3	63.3	63.3
ES45	96.3	99	5.3	7.3	3.3	3.3	4.0	60.0	56.7	66.7
HEADSTART 2	96.3	99	5.0	6.7	4.0	3.7	4.0	63.3	66.7	66.7
STELLAR GL (IS PR 236)	97.7	99	4.7	5.0	4.0	3.7	4.0	63.3	70.0	73.3
MS2	97.7	99	5.0	7.3	4.3	3.7	4.0	70.0	66.7	73.3
PLEASURE SUPREME (PM 103)	97.7	99	5.0	6.7	4.7	3.7	4.0	70.0	70.0	76.7
PREMIER II	99.0	99	5.0	9.0	4.7	3.3	4.0	66.7	50.0	60.0
PST 2AG4	97.7	99	5.0	7.7	4.7	3.0	4.0	56.7	53.3	66.7
PST 2LAN	97.7	99	5.0	8.3	4.0	3.3	4.0	63.3	56.7	70.0
TOP GUN II (JR 324)	99.0	99	4.3	8.7	3.3	3.7	4.0	73.3	63.3	70.0
TR47	96.0	99	5.0	8.0	4.3	3.3	4.0	66.7	63.3	70.0
E 99	97.7	99	5.0	6.0	5.0	3.0	4.0	56.7	56.7	63.3
HARRIER (SRX 4UP3)	96.3	99	4.7	3.7	5.7	3.3	4.0	63.3	63.3	56.7

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 GROWN UNDER TRAFFIC STRESS */
 AT PUYALLUP, WA 1/
 2005 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	PERCENT COVER	PERCENT COVER	RED THREAD	MOWING QUALITY	DISEASE COMPLEX **/	QUALITY RATINGS AFTER TRAFFIC		PERCENT COVER RATINGS AFTER TRAFFIC		
	SUMMER	FALL				NOV	DEC	1 WEEK	2 WEEKS	4 WEEKS
INSPIRE	97.7	99	5.0	7.0	4.0	4.0	4.0	66.7	70.0	70.0
L44	96.3	99	5.7	8.0	3.3	3.7	4.0	60.0	60.0	66.7
LA QUINTA (JR 255)	97.7	99	5.3	6.7	4.7	4.0	4.0	70.0	63.3	63.3
PST 2BLK	99.0	99	5.7	7.7	3.7	3.7	4.0	60.0	60.0	66.7
04 BEN	99.0	99	5.7	5.3	5.0	3.7	4.0	66.7	63.3	66.7
AFFINITY	97.7	99	4.7	9.0	5.0	3.0	3.7	60.0	53.3	60.0
HALO (KN42)	96.3	99	5.7	8.3	4.7	3.3	4.0	56.7	60.0	70.0
LPR 02203	97.7	99	5.3	8.3	3.3	3.7	4.0	60.0	53.3	73.3
MONTEREY 3 (JR 408)	97.7	99	5.0	9.0	2.3	3.7	4.0	53.3	60.0	73.3
PANTHER	97.7	99	5.0	8.7	3.3	3.3	4.0	60.0	56.7	73.3
PM 102	95.0	99	6.0	5.3	4.7	3.0	4.0	53.3	60.0	60.0
VB99	94.7	99	4.7	7.0	4.7	3.7	4.0	66.7	63.3	73.3
BRIGHTSTAR SLT	97.7	99	4.0	8.7	3.7	4.0	4.0	70.0	56.7	70.0
FIREBOLT (PRG HS 01 09)	95.0	99	5.0	8.0	4.7	3.0	4.0	63.3	56.7	63.3
PALMER III	96.3	99	5.7	8.7	3.3	3.7	4.0	70.0	53.3	70.0
PST 2MNG	97.7	99	5.3	6.7	5.0	3.0	4.0	60.0	56.7	70.0
SP4	97.7	99	4.7	8.3	3.0	3.0	4.0	56.7	60.0	63.3
SRX 4692	99.0	99	4.0	7.7	4.3	3.7	4.0	53.3	60.0	70.0
04 BRE	96.3	99	4.3	7.3	4.0	3.3	4.0	53.3	50.0	63.3
GOALKEEPER II (JR 114)	96.3	99	5.3	7.7	3.0	3.3	4.0	66.7	60.0	73.3
PREMIER	96.3	99	4.7	9.0	4.3	3.0	4.0	53.3	53.3	63.3
BARLENNIUM	97.7	99	4.7	6.7	3.0	3.3	4.3	56.7	53.3	73.3
CADDIESHACK II (JR 163)	97.7	99	4.0	7.3	3.3	3.7	4.0	63.3	56.7	66.7
PENTIUM	96.3	99	4.7	6.3	4.3	3.3	4.0	66.7	60.0	66.7
SRX 4682	96.3	99	4.0	7.7	4.0	3.3	4.0	53.3	56.7	66.7
PINNACLE	95.0	99	4.3	9.0	3.3	3.0	4.0	56.7	53.3	60.0
LINN	93.3	99	3.7	8.3	4.3	3.0	3.0	43.3	43.3	50.0
LSD VALUE	14.4	0	3.3	1.4	1.4	1.6	0.6	45.8	39.0	21.5
C.V. (%)	2.9	0	18.5	13.1	17.9	13.6	6.7	15.3	16.3	11.6

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.

*/ 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.

**/ DISEASE COMPLEX WAS FUSARIUM PATCH, RED THREAD AND LEAF SPOT DISEASES.

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT PUYALLUP, WA 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS												MEAN
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
SR 4600 (SRX 4SP)	7.3	9.0	7.3	8.0	5.7	5.0	5.0	5.7	6.0	4.7	4.3	4.7	6.3	6.3	7.0	7.3	5.7
PALMER IV	8.0	9.0	7.7	8.3	5.0	4.3	4.7	6.0	5.3	5.7	4.0	4.3	6.0	6.3	7.3	7.7	5.6
BUENA VISTA	7.7	9.0	7.0	8.3	5.3	4.7	4.7	4.7	6.0	5.0	4.0	4.3	6.7	5.3	7.3	8.0	5.5
DP 17 9499	7.7	9.0	8.0	8.0	5.7	5.0	5.0	5.3	5.0	6.0	5.3	5.7	6.3	4.7	5.0	7.3	5.5
DP1	7.3	8.7	6.7	8.7	5.3	5.0	5.0	5.3	5.7	4.3	4.3	5.0	6.0	5.3	7.0	7.3	5.5
LCK	7.3	8.7	7.7	8.3	5.7	4.3	4.0	4.3	5.7	5.3	4.7	4.3	6.0	6.3	7.3	7.7	5.5
PIZZAZZ	7.3	9.0	8.3	8.3	5.0	4.7	4.7	5.0	5.0	6.3	4.7	5.3	6.0	5.3	7.0	7.3	5.5
ALL*STAR 3 (IS PR 274)	7.7	8.7	7.7	8.0	4.7	4.0	4.7	5.0	5.3	5.7	4.3	4.3	6.3	5.3	7.7	7.7	5.4
APR 1648	8.3	8.3	7.7	8.0	5.0	4.0	4.3	5.7	5.7	5.7	4.7	5.7	5.7	5.3	6.3	7.3	5.4
D04 11T	7.3	9.0	8.0	9.0	6.0	4.7	4.7	5.3	5.7	5.3	4.7	4.3	5.7	4.7	6.0	7.3	5.4
GL 2	7.3	9.0	7.3	8.7	5.0	4.7	4.3	5.0	6.0	5.0	4.3	4.3	5.7	5.3	7.0	7.7	5.4
KOKOMO II (IS-PR 235)	8.7	8.7	6.7	8.0	6.0	4.7	4.7	5.0	5.3	4.7	3.7	4.3	6.0	5.7	7.0	8.0	5.4
MMW	7.3	9.0	7.7	8.3	4.7	4.7	4.7	5.0	5.3	4.7	4.3	5.0	5.7	5.7	7.7	7.3	5.4
OVERDRIVE	7.3	8.3	7.7	8.3	5.0	5.0	4.3	4.7	5.3	5.7	4.7	5.7	6.3	5.7	6.0	6.3	5.4
REGAL 5 (IS PR 271)	8.3	8.3	7.7	7.7	4.3	4.0	3.7	4.0	4.3	5.3	5.0	6.0	6.7	6.7	7.7	7.7	5.4
HOMERUN (RG3P)	7.3	8.7	7.3	8.0	4.7	4.3	4.3	5.0	5.7	4.7	4.7	4.7	6.0	5.7	6.7	8.0	5.4
RNS	7.0	9.0	6.3	8.7	6.0	5.3	5.0	4.7	5.0	4.7	3.7	4.7	6.3	5.7	6.3	7.3	5.4
D04 LP05	7.7	8.7	7.0	8.3	5.0	4.7	4.3	5.3	5.7	4.7	4.0	4.7	6.0	5.7	6.3	6.7	5.3
LINE DRIVE GLS (APR 1797)	6.7	8.7	7.0	8.0	4.7	3.7	4.3	4.3	4.7	5.3	4.3	5.7	7.0	5.3	6.7	7.0	5.3
PARAGON GLR	7.0	9.0	7.7	8.3	5.3	4.7	4.3	4.3	5.3	5.7	4.0	4.3	6.0	5.0	6.7	7.3	5.3
CITATION FORE	6.7	8.3	7.7	8.0	4.3	4.0	4.3	5.0	5.3	4.7	4.7	5.3	6.3	5.0	6.0	7.0	5.2
DCM	6.7	9.0	7.7	8.0	5.3	4.0	4.0	4.7	5.3	5.0	4.7	4.3	6.0	5.3	6.3	7.0	5.2
EXACTA II GLSR (LTP 611 GLSR)	7.7	9.0	7.3	8.7	5.3	4.7	4.3	5.7	5.3	5.3	4.0	4.3	5.0	4.7	6.3	7.0	5.2
GALATTI (DP 17 9502)	7.3	8.3	7.7	7.7	5.0	4.7	3.7	5.0	5.0	5.3	4.7	5.3	6.0	5.0	5.7	7.0	5.2
PALACE (IS PR 273)	8.7	9.0	7.7	8.3	4.7	4.3	4.0	4.3	5.0	4.7	4.3	4.7	5.3	6.0	7.7	7.0	5.2
PICK RB 1	7.7	9.0	6.7	8.0	5.7	4.7	4.7	4.3	5.3	5.0	3.7	4.7	5.3	5.0	6.7	7.7	5.2
PINNACLE II	7.3	8.3	7.3	7.7	4.7	4.3	4.7	4.3	4.7	5.3	4.0	4.7	6.7	5.3	6.0	7.7	5.2
AC2	8.7	8.7	8.0	7.7	4.7	4.0	4.0	4.3	5.3	5.7	5.0	5.0	5.7	5.0	5.7	7.0	5.1
ASP6002 (BPR)	9.0	8.3	8.3	8.0	4.7	4.3	4.0	4.3	5.0	5.7	5.0	4.7	5.7	5.0	6.0	6.7	5.1
BAR LP 4920	7.3	8.7	7.0	7.3	4.7	4.3	4.0	5.0	5.0	5.0	4.0	4.3	6.0	5.7	6.0	7.0	5.1
CHARISMATIC II GLSR (LTP PG GLSR)	7.0	8.3	6.7	7.7	4.7	3.7	3.7	4.0	5.0	4.3	3.7	5.0	6.7	6.0	7.3	7.0	5.1
D04 UP	7.3	9.0	7.0	8.0	5.0	4.0	4.0	4.7	5.3	4.3	4.0	4.3	5.3	5.7	6.7	7.3	5.1
DERBY XTREME (IS PR 268)	8.0	8.7	7.0	7.7	5.0	4.0	4.3	5.0	5.0	4.7	4.0	4.3	5.0	5.3	7.3	7.3	5.1
FIESTA 4 (PICK F4)	7.7	8.7	7.3	8.0	4.7	4.0	4.0	4.7	5.0	5.3	4.0	4.7	5.7	5.0	7.3	7.0	5.1
FUSION	8.3	7.7	7.0	7.7	5.7	4.0	4.0	4.0	5.0	4.7	3.7	4.3	5.7	5.3	7.3	8.0	5.1
CABO II (IS-PR 233)	9.0	8.0	7.0	7.7	4.7	4.3	4.0	4.0	4.3	5.0	4.3	5.0	5.7	5.0	6.7	7.7	5.1
AMAZING GS (IS-PR 276)	8.0	8.7	7.0	8.3	5.3	4.3	4.3	4.7	5.7	5.3	4.3	4.7	6.0	4.7	6.0	6.3	5.1
MACH I	8.0	8.7	7.7	8.0	4.7	4.3	4.3	4.7	5.3	5.7	5.0	4.7	5.7	5.0	6.0	6.0	5.1
PANTHER GLS	7.3	8.3	7.3	7.0	5.0	4.0	4.0	4.7	4.3	4.7	4.3	5.3	5.7	5.3	6.3	7.0	5.1
PM 101	8.3	8.7	7.3	7.3	4.7	4.0	4.0	4.3	4.7	5.7	5.0	4.3	5.3	6.0	5.7	7.3	5.1
PRESIDIO (CNV)	8.7	8.0	7.7	7.0	4.3	3.3	3.7	4.3	5.0	5.3	4.7	5.0	6.0	5.7	6.3	7.3	5.1
PST 217	7.0	8.7	7.7	8.0	5.0	4.0	4.7	5.3	5.3	4.7	4.3	4.7	6.0	4.7	6.0	6.7	5.1
SNR	8.3	8.7	8.3	7.3	4.3	4.0	4.7	4.3	5.7	6.0	4.7	5.0	5.7	4.7	5.3	6.3	5.1
\$ILVER DOLLAR	7.3	8.3	7.0	7.7	4.3	4.0	3.7	4.0	4.3	5.7	4.7	4.7	5.7	5.3	5.7	7.7	5.0
APPLE GL (AAZ B104)	7.3	8.0	6.7	8.0	5.0	4.3	4.3	4.3	5.3	4.3	3.3	4.7	4.7	5.3	6.7	7.3	5.0
ACCENT II (JR 119)	7.0	8.0	8.0	7.0	4.0	4.0	3.7	4.0	5.3	6.0	4.7	5.3	6.0	4.7	6.0	6.3	5.0

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT PUYALLUP, WA 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS												
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
AF	6.3	9.0	7.3	7.7	5.0	4.7	4.7	5.3	5.7	4.7	3.3	4.0	5.0	4.7	6.0	7.0	5.0
PHENOM (APR 1660)	7.7	8.7	7.0	7.7	4.7	4.0	4.3	4.7	5.0	4.3	4.3	5.0	5.7	5.3	6.7	6.3	5.0
DART (APR 1663)	6.7	8.7	6.7	7.3	5.0	4.3	4.3	4.7	5.3	4.3	3.7	5.0	5.7	5.3	6.0	6.7	5.0
ASP6003 (TRS)	8.0	8.0	8.0	7.7	4.3	4.3	4.0	4.0	4.7	5.7	4.7	4.7	6.0	5.0	6.0	7.0	5.0
ASP6006 (LPFG)	8.3	8.0	7.7	7.3	4.3	4.0	3.7	4.3	5.0	5.0	3.7	4.7	6.0	5.3	6.7	7.3	5.0
D04 1667	6.7	8.3	6.3	8.3	4.7	3.7	4.0	4.7	5.0	4.3	4.0	4.3	5.3	5.7	6.7	7.3	5.0
GPR	8.0	8.0	7.3	7.0	4.0	4.0	3.7	4.0	5.3	5.3	5.3	4.7	5.7	4.7	5.7	7.3	5.0
ATTRIBUTE (IS-PR 270)	7.7	8.7	7.0	8.3	4.3	4.0	4.0	4.3	5.3	5.0	4.0	5.0	5.3	5.7	6.7	6.3	5.0
KEYSTONE 2 (IS PR 312)	7.0	8.7	7.3	7.3	4.7	4.0	4.3	4.0	5.7	5.3	3.7	4.7	5.7	4.3	6.3	7.0	5.0
DELAWARE XL (PICK 01-2)	8.7	8.7	7.3	7.7	4.3	3.7	3.7	4.0	4.3	5.0	5.0	5.0	5.7	5.7	6.3	7.0	5.0
PICK 02 R	9.0	8.3	7.7	7.0	4.7	4.0	4.0	4.3	4.3	5.7	4.0	4.7	6.0	5.3	6.0	7.0	5.0
WIND DANCE 2 (PWDR)	8.7	8.3	7.0	7.7	4.3	3.7	3.7	4.0	4.7	4.7	4.7	5.3	5.7	6.3	6.3	6.3	5.0
QUICKSILVER	7.7	9.0	7.7	7.0	4.3	4.0	4.3	4.3	5.3	5.7	4.7	4.7	5.7	5.0	5.3	6.7	5.0
RAD PR8	6.7	7.7	7.3	7.3	4.7	4.0	3.7	4.0	4.7	5.0	4.7	5.7	6.0	5.3	5.7	6.7	5.0
SUNSHINE 2	8.7	8.3	8.3	7.0	4.3	4.0	4.0	4.0	5.0	5.7	4.3	4.3	5.3	4.7	7.0	7.7	5.0
APR 1670	7.0	8.0	6.7	7.3	4.0	4.0	3.7	4.7	4.7	4.7	4.3	5.0	6.0	5.3	5.3	6.7	4.9
ASP6004 (EXS54)	8.3	8.3	7.3	7.7	4.7	4.7	4.0	4.7	5.0	5.0	4.0	4.7	4.7	5.0	5.7	6.7	4.9
ASP6005 (AJM)	8.7	9.0	7.3	7.3	4.0	4.0	4.0	4.3	5.3	5.7	4.7	5.0	5.0	5.0	5.3	6.3	4.9
GRAY STAR (PST 2LGL)	8.0	8.3	7.3	7.3	4.7	3.7	4.0	4.3	5.3	5.0	4.3	4.7	5.3	4.7	5.3	7.0	4.9
MANHATTAN 5 GLR (PST 2AM)	7.0	9.0	6.7	7.7	4.3	3.7	4.0	4.3	4.3	4.3	3.7	5.7	6.7	5.3	6.0	6.3	4.9
PIANIST (DP 17 9505)	7.3	8.0	6.7	7.7	5.0	4.0	3.7	4.3	4.7	5.0	4.3	4.7	5.7	4.7	5.3	7.0	4.9
PRIMARY (IS PR 269)	7.3	8.3	6.7	8.0	5.0	4.0	4.0	4.3	5.0	4.7	4.0	4.0	5.7	4.7	6.0	7.0	4.9
PROTEGE GLR	7.3	9.0	7.0	8.3	6.0	4.7	4.7	5.0	5.3	4.7	3.3	4.0	4.0	4.3	5.7	7.3	4.9
PS 2	7.0	8.0	8.0	7.3	4.0	3.7	3.7	4.0	5.7	5.7	5.3	5.3	5.0	4.3	5.3	6.7	4.9
PST 2GSM	6.7	8.0	7.0	7.3	4.3	4.0	4.0	5.0	5.7	4.7	4.0	4.7	5.7	5.0	5.7	6.7	4.9
REPELL GLS	7.0	8.3	6.3	8.7	4.7	4.0	4.3	4.7	5.0	4.0	3.7	4.3	6.0	5.7	6.0	7.0	4.9
REVENGE GLX (JR 348)	7.7	9.0	7.3	8.3	5.3	4.3	4.7	5.0	4.7	4.7	4.0	4.3	5.0	5.0	6.3	6.0	4.9
SECRETARIAT II GLSR (LTP 101 GLSR)	6.7	9.0	6.7	8.0	5.3	4.3	4.0	5.3	5.0	4.7	3.7	4.0	5.0	5.0	5.7	6.7	4.9
VB77	8.0	7.7	8.0	7.3	4.3	3.7	4.0	4.0	4.7	5.3	5.0	4.3	5.7	5.0	6.0	7.0	4.9
1G2 (APR 1664)	7.3	9.0	7.0	8.7	4.3	4.0	4.3	5.0	5.0	4.7	4.0	4.0	5.3	4.7	5.7	6.7	4.8
ASP6001 (RTS)	8.3	8.0	8.0	7.3	4.0	3.7	3.7	4.0	5.3	5.7	4.7	5.0	6.0	4.3	5.3	6.0	4.8
BAR LP 4317	6.0	8.3	7.3	7.7	4.3	4.3	3.7	4.3	4.7	4.3	4.7	5.3	4.7	5.0	6.0	6.7	4.8
BAR LP 4420	7.7	8.7	7.7	7.7	5.0	3.7	4.0	4.0	5.0	5.3	4.3	4.3	4.3	4.7	5.7	6.7	4.8
DP 17 9788	6.3	8.7	7.0	7.7	4.3	4.0	3.7	4.7	4.3	5.0	4.3	5.0	5.0	4.7	6.0	7.0	4.8
ES45	8.7	7.7	7.7	7.0	4.0	4.0	3.0	3.7	5.0	5.3	4.7	4.7	5.7	5.0	6.0	7.0	4.8
HEADSTART 2	8.7	8.7	7.3	7.3	4.3	4.0	4.0	4.7	5.0	5.3	3.7	4.7	5.3	5.0	5.3	6.3	4.8
STELLAR GL (IS PR 236)	7.3	8.7	6.7	8.0	4.3	4.0	4.0	4.7	4.3	4.3	3.7	4.3	5.3	5.0	6.7	7.3	4.8
MS2	8.0	8.3	7.0	7.7	4.7	3.7	4.0	4.3	5.0	4.7	4.3	4.3	5.0	5.7	5.7	6.3	4.8
PLEASURE SUPREME (PM 103)	8.3	8.7	7.3	7.3	4.7	4.0	4.0	4.7	5.3	5.0	4.3	4.7	5.0	4.3	5.0	6.7	4.8
PREMIER II	6.0	8.7	7.3	7.0	4.7	4.0	3.7	4.0	4.7	5.0	4.7	4.3	6.7	4.7	5.0	6.0	4.8
PST 2AG4	7.3	8.3	6.3	7.3	4.3	4.0	3.7	4.0	4.7	4.7	3.7	4.3	5.7	5.0	6.7	7.0	4.8
PST 2LAN	7.0	8.0	7.0	6.7	4.0	3.7	3.3	4.3	4.7	4.7	4.7	6.0	6.0	5.0	5.3	5.7	4.8
TOP GUN II (JR 324)	7.3	7.7	7.0	6.7	3.7	3.7	3.7	3.7	4.7	5.0	4.3	5.3	6.0	5.7	6.0	6.3	4.8
TR47	9.0	8.0	7.3	7.7	4.0	4.0	3.7	4.7	4.7	4.7	4.7	5.0	5.7	4.7	5.7	6.7	4.8
E 99	7.0	8.7	6.3	8.3	5.0	4.0	3.7	4.7	4.7	4.0	3.3	4.7	5.3	4.7	5.3	7.0	4.7
HARRIER (SRX 4UP3)	6.7	8.7	6.3	7.7	5.0	4.3	4.3	4.7	4.3	4.0	3.3	4.0	4.7	4.7	6.3	6.3	4.7

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS */
AT PUYALLUP, WA 1/
2005 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS												MEAN
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
INSPIRE	6.7	8.3	6.3	7.3	4.3	3.7	3.7	4.3	4.7	4.3	4.0	4.7	5.7	5.3	5.0	6.7	4.7
L44	9.0	8.3	7.7	6.7	4.0	3.0	3.3	4.0	4.7	5.7	5.0	4.7	5.0	4.7	5.3	7.0	4.7
LA QUINTA (JR 255)	8.3	8.3	6.7	7.0	4.3	3.7	4.0	4.3	4.3	4.3	4.0	4.3	5.7	5.0	5.7	6.3	4.7
PST 2BLK	7.7	8.0	6.0	7.3	4.3	3.3	3.7	4.3	5.0	4.0	3.3	5.0	5.7	5.3	5.7	6.7	4.7
04 BEN	7.7	8.0	6.7	7.7	4.3	4.0	4.0	4.3	5.0	4.3	4.0	4.3	4.7	5.0	5.0	6.7	4.6
AFFINITY	5.3	8.3	6.7	7.7	4.3	4.0	3.7	5.0	3.7	4.7	4.7	5.0	5.0	4.3	5.0	6.0	4.6
HALO (KN42)	8.7	8.0	7.0	7.7	4.3	3.7	3.3	4.3	4.7	4.7	4.3	5.0	5.0	4.7	5.0	6.7	4.6
LPR 02203	5.3	8.0	6.7	7.0	3.3	3.7	4.0	4.7	5.0	4.3	4.3	4.3	5.0	4.7	5.3	6.0	4.6
MONTEREY 3 (JR 408)	7.3	7.7	7.7	7.0	3.3	3.3	3.7	3.7	4.0	4.7	4.3	5.0	5.3	5.0	6.3	6.3	4.6
PANTHER	5.7	8.7	6.7	7.3	3.7	3.7	4.0	4.3	5.0	4.3	4.7	5.3	4.7	4.3	5.0	5.7	4.6
PM 102	8.7	8.0	6.7	6.7	4.0	3.7	4.3	4.3	5.3	4.7	3.7	4.0	4.7	4.7	5.0	6.3	4.6
VB99	8.0	7.7	6.7	6.3	4.3	3.7	4.0	4.3	4.3	5.0	4.3	4.7	4.7	4.7	5.3	6.3	4.6
BRIGHTSTAR SLT	6.7	8.7	6.3	7.7	4.3	3.3	3.3	4.3	4.3	4.3	3.7	5.0	4.7	5.3	5.3	6.3	4.5
FIREBOLT (PRG HS 01 09)	8.7	7.7	6.7	6.3	4.0	3.7	3.7	3.7	4.3	4.7	5.3	4.3	4.7	4.3	5.0	6.7	4.5
PALMER III	6.3	8.0	7.3	6.7	3.7	3.7	3.7	4.0	5.0	5.0	4.0	5.3	5.0	4.3	5.3	5.3	4.5
PST 2MNG	7.0	8.0	6.0	8.0	4.7	4.0	3.7	4.3	4.3	4.0	3.3	4.0	5.0	4.7	5.0	6.7	4.5
SP4	8.3	8.3	7.0	6.7	4.0	3.3	3.7	4.0	4.0	5.0	4.0	4.7	5.7	5.0	5.0	5.3	4.5
SRX 4692	7.0	8.3	6.0	7.0	4.7	4.0	3.7	3.7	4.7	4.3	4.0	4.7	5.0	4.3	5.0	6.3	4.5
04 BRE	7.3	8.7	6.7	7.3	4.3	3.7	4.3	4.0	4.3	4.3	3.3	4.3	5.0	4.3	5.3	6.0	4.4
GOALKEEPER II (JR 114)	8.0	8.0	7.0	6.7	3.7	3.3	3.3	3.7	5.0	5.0	4.3	4.7	4.7	4.3	5.0	6.0	4.4
PREMIER	6.3	8.3	7.0	7.3	4.3	4.3	3.7	4.7	4.3	4.7	4.3	4.7	4.3	4.0	4.0	5.7	4.4
BARLENNIUM	6.0	8.0	6.3	7.0	4.0	4.0	3.3	4.0	4.3	4.3	3.3	4.3	5.0	4.7	4.7	6.0	4.3
CADDIESHACK II (JR 163)	6.3	8.3	6.3	7.3	4.0	4.0	3.3	3.7	4.0	4.3	3.7	4.7	5.0	4.7	4.3	5.3	4.3
PENTIUM	6.7	8.0	6.7	7.0	4.3	4.0	3.7	4.7	4.3	4.0	3.3	4.0	4.7	4.3	4.7	6.0	4.3
SRX 4682	6.3	8.3	6.0	6.7	4.3	3.7	3.3	4.0	4.3	4.0	3.0	4.3	4.7	4.7	5.0	5.7	4.3
PINNACLE	5.7	8.0	6.3	8.0	4.0	3.3	3.0	4.0	3.7	4.3	3.7	4.7	4.7	4.3	4.0	5.7	4.1
LINN	5.0	7.7	6.0	7.7	4.3	3.0	3.0	3.0	3.3	3.0	3.0	4.0	4.0	3.0	4.3	4.0	3.5
LSD VALUE	0.9	0.8	1.6	1.3	1.1	1.0	1.2	1.2	2.2	1.6	1.2	1.7	2.3	1.9	1.8	1.5	0.6
C.V. (%)	8.2	5.3	10.2	8.7	13.2	12.3	14.0	13.2	15.5	14.9	14.4	13.9	15.9	15.2	15.9	11.6	7.1

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.

*/ 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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER GRAY LEAF SPOT STRESS
AT ADELPHIA, NJ 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY FALL	BROWN PATCH WARM TEMP.	GRAY LEAF SPOT	PERCENT ESTABLISH MENT	QUALITY RATINGS								MEAN
						APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DO4 11T	7.3	7.7	6.7	7.7	7.3	6.3	8.0	7.3	6.7	7.0	7.7	7.0	6.3	7.0
FIESTA 4 (PICK F4)	7.3	7.0	6.7	8.7	6.3	6.3	7.3	7.0	5.7	6.3	7.0	6.3	7.0	6.6
ALL*STAR 3 (IS PR 274)	7.3	6.7	5.7	8.7	6.3	7.0	7.7	7.3	6.0	5.0	6.3	6.3	7.0	6.6
EXACTA II GLSR (LTP 611 GLSR)	6.7	6.7	5.3	9.0	8.3	7.0	8.3	6.3	5.7	5.7	6.3	6.0	6.7	6.5
STELLAR GL (IS PR 236)	7.0	7.0	6.0	7.3	8.3	5.7	7.7	6.7	6.7	6.7	6.0	6.7	6.3	6.5
DERBY XTREME (IS PR 268)	8.0	8.3	6.3	7.7	6.7	6.7	7.0	6.3	6.3	5.3	6.7	6.7	7.0	6.5
ATTRIBUTE (IS-PR 270)	6.0	6.7	6.7	7.3	6.7	6.7	7.0	6.3	7.0	7.3	6.0	5.7	5.7	6.5
REGAL 5 (IS PR 271)	7.0	6.3	6.7	7.7	8.0	5.7	6.7	7.0	7.3	6.3	6.3	6.0	6.3	6.5
PANTHER GLS	6.0	7.0	7.0	7.0	7.3	6.7	6.7	6.0	7.3	6.7	7.0	6.7	5.3	6.5
RNS	7.3	6.7	6.3	7.3	6.7	6.0	7.7	6.7	6.3	6.0	6.3	6.3	6.3	6.5
SR 4600 (SRX 4SP)	7.3	7.0	5.7	8.7	7.3	8.0	6.7	5.7	6.0	6.0	6.3	5.7	7.3	6.5
AMAZING GS (IS-PR 276)	7.0	7.0	6.3	7.0	8.7	6.0	7.3	7.0	6.3	6.3	6.3	6.0	6.0	6.4
AF	6.3	6.3	4.3	8.0	8.0	7.7	8.0	6.0	5.3	5.3	5.7	5.7	6.3	6.3
1G2 (APR 1664)	5.7	5.7	5.7	8.0	7.7	7.0	6.7	5.0	6.7	6.3	6.7	6.3	6.0	6.3
KOKOMO II (IS-PR 235)	8.0	7.0	5.7	7.3	6.3	5.7	6.7	4.7	6.7	7.0	7.0	6.7	6.3	6.3
LCK	6.7	7.0	6.3	7.0	6.3	5.7	6.0	6.0	6.7	6.0	6.7	7.0	6.3	6.3
REVENGE GLX (JR 348)	5.7	6.0	3.7	7.7	8.0	7.3	6.3	5.3	6.0	5.3	7.3	7.0	6.0	6.3
HOMERUN (RG3P)	6.0	5.3	7.0	7.0	4.7	6.0	6.7	6.7	6.7	6.3	6.7	5.7	6.0	6.3
DP1	7.0	6.7	5.7	8.7	6.7	7.3	7.0	5.7	6.0	5.7	6.0	5.7	6.3	6.2
FUSION	6.7	6.3	5.7	6.7	5.3	5.7	7.0	5.7	5.3	6.0	7.7	6.3	6.0	6.2
KEYSTONE 2 (IS PR 312)	5.7	7.0	7.0	6.7	6.3	5.7	6.3	6.0	6.3	6.0	7.7	6.3	5.3	6.2
PALACE (IS PR 273)	7.0	6.0	5.7	7.7	6.0	5.3	5.7	6.7	6.3	6.3	6.7	6.3	6.3	6.2
PARAGON GLR	7.0	5.7	4.7	8.0	4.5	7.0	6.7	6.3	5.7	5.3	6.3	5.7	6.3	6.2
DO4 1667	5.7	6.0	7.0	6.3	7.7	6.0	5.7	5.7	7.3	6.0	6.0	6.0	6.0	6.1
GL 2	5.7	6.7	6.7	8.0	8.3	5.7	6.3	5.7	6.0	6.3	7.0	6.3	5.7	6.1
PALMER IV	7.0	6.3	4.0	6.7	8.0	6.0	7.0	5.0	5.0	5.7	6.7	6.7	6.0	6.0
SECRETARIAT II GLSR (LTP 101 GLSR)	5.7	6.0	5.3	7.3	7.0	6.7	6.0	5.0	7.0	6.3	6.3	5.7	5.3	6.0
LINE DRIVE GLS (APR 1797)	5.0	5.7	6.0	8.0	8.0	7.0	5.7	4.3	6.7	6.3	7.0	5.3	4.7	5.9
MMW	5.7	5.3	5.3	7.7	6.7	5.7	7.7	5.7	6.0	5.3	5.3	6.0	5.7	5.9
REPELL GLS	6.3	6.7	6.3	7.3	7.3	6.0	6.3	4.0	6.0	5.7	6.7	6.3	6.0	5.9
HARRIER (SRX 4UP3)	6.0	6.0	3.7	8.0	8.3	7.0	5.7	5.3	5.3	5.0	6.0	5.3	6.3	5.8
PRIMARY (IS PR 269)	5.7	6.0	6.0	7.0	7.7	5.3	7.0	5.0	6.0	4.7	6.3	6.0	5.7	5.8
PHENOM (APR 1660)	5.3	5.7	7.0	7.7	6.0	5.3	6.0	4.3	6.3	6.3	7.0	5.3	5.0	5.7
BUENA VISTA	6.0	5.7	4.3	6.3	8.3	5.0	7.0	5.0	5.7	6.0	5.3	5.7	6.0	5.7
PST 2AG4	6.7	6.0	5.3	5.3	6.7	5.7	7.0	5.3	5.3	6.0	5.0	5.0	6.0	5.7
PST 2GSM	5.3	5.0	6.3	5.7	6.7	5.3	5.7	5.3	6.3	6.0	6.7	5.3	5.0	5.7
CHARISMATIC II GLSR (LTP PG GLSR)	5.3	6.0	6.3	7.0	7.0	6.7	6.0	4.7	5.3	6.0	6.3	5.3	4.7	5.6
PICK RB 1	6.7	6.3	4.3	9.0	7.3	6.3	6.7	5.3	4.3	4.7	5.7	5.7	6.3	5.6
\$ILVER DOLLAR	6.0	5.3	4.0	6.3	5.0	5.7	5.0	4.7	6.0	5.0	6.3	5.7	5.7	5.5
DART (APR 1663)	4.7	5.0	4.7	7.0	5.7	6.3	5.3	4.0	7.0	6.3	5.7	5.3	4.3	5.5
APR 1670	4.3	5.7	5.7	6.3	8.3	6.3	5.3	4.3	6.0	5.0	6.3	5.0	5.3	5.5
OVERDRIVE	5.3	5.0	6.3	3.3	7.7	4.3	5.3	5.0	5.3	6.3	6.0	5.7	5.0	5.4
AC2	5.7	5.3	5.3	5.3	6.7	4.3	5.7	6.0	5.7	5.0	5.0	5.7	5.0	5.3
CITATION FORE	5.3	5.0	5.3	4.3	8.3	5.3	4.7	4.7	6.0	5.7	5.3	5.3	5.0	5.3
DCM	5.3	5.3	5.0	5.0	8.3	4.0	4.7	5.7	6.3	5.3	5.7	5.0	5.3	5.3
PROTEGE GLR	7.3	6.0	3.0	8.3	6.3	6.3	6.3	4.3	3.0	5.0	5.3	5.0	6.7	5.3

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER GRAY LEAF SPOT STRESS
AT ADELPHIA, NJ 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY FALL	BROWN PATCH WARM TEMP.	GRAY LEAF SPOT	PERCENT ESTABLISH MENT	APR	MAY	JUN	QUALITY RATINGS					MEAN
									JUL	AUG	SEP	OCT	NOV	
ASP6006 (LPFG)	6.3	4.3	4.7	4.0	5.3	4.7	6.3	4.7	4.7	5.3	4.7	5.3	5.7	5.2
MS2	6.0	5.0	4.3	5.3	7.0	5.0	5.3	5.3	5.3	5.7	5.7	4.3	5.0	5.2
PLEASURE SUPREME (PM 103)	6.0	5.7	5.3	4.7	8.7	4.0	5.0	5.3	6.0	5.0	5.3	6.0	5.0	5.2
APPLE GL (AAZ B104)	6.7	5.7	4.3	8.7	7.7	6.7	7.0	4.7	3.0	5.0	4.0	4.3	6.3	5.1
APR 1648	6.0	5.7	5.7	2.7	7.0	3.7	3.7	6.0	5.3	4.7	6.0	5.7	6.0	5.1
ASP6004 (EXS54)	6.3	5.3	5.0	3.7	5.3	4.7	4.7	5.3	4.7	5.3	5.0	5.3	5.7	5.1
D04 UP	6.3	6.0	3.7	8.7	6.7	6.0	6.0	4.7	4.3	4.3	5.0	4.7	6.0	5.1
GRAY STAR (PST 2LGL)	5.7	5.0	4.3	4.3	7.0	4.0	5.7	5.7	5.0	5.3	5.0	5.0	5.3	5.1
MANHATTAN 5 GLR (PST 2AM)	5.0	5.0	4.3	6.3	6.3	6.0	4.7	4.3	5.7	5.3	5.3	4.3	5.0	5.1
PST 2MNG	5.0	4.7	5.7	5.3	5.7	5.0	5.0	4.0	5.7	5.0	5.7	5.7	5.0	5.1
PENTIUM	4.7	5.3	6.0	3.7	8.5	4.3	4.0	4.7	6.0	6.0	6.0	4.3	4.7	5.0
PST 2BLK	5.0	5.3	5.0	3.7	8.3	5.0	4.7	4.3	5.3	5.0	5.7	5.3	4.7	5.0
VB77	5.3	5.0	6.0	4.3	7.3	5.0	5.0	4.7	5.0	4.7	5.0	5.3	5.0	5.0
FIREBOLT (PRG HS 01 09)	5.7	4.3	4.3	4.0	7.3	4.3	4.7	6.0	5.7	4.7	4.7	4.3	4.7	4.9
CABO II (IS-PR 233)	6.0	5.0	5.3	6.3	7.0	4.0	5.3	6.3	4.7	4.7	4.3	5.0	5.0	4.9
MACH I	6.0	5.3	4.3	4.3	6.3	5.0	5.0	5.3	5.3	4.7	4.7	4.3	5.0	4.9
PINNACLE II	6.0	4.7	5.7	3.7	6.7	4.0	4.3	4.7	5.3	5.0	5.3	5.0	5.3	4.9
SNR	6.7	5.3	5.3	4.0	5.3	4.0	5.3	5.0	5.3	3.7	5.0	5.3	5.7	4.9
04 BRE	5.7	5.3	5.3	5.0	6.0	4.3	5.0	4.0	5.3	5.0	4.3	5.0	5.3	4.8
PST 2LAN	4.0	4.3	6.0	4.3	7.0	3.7	3.3	4.0	6.0	6.0	6.0	5.3	4.3	4.8
RAD PR8	5.0	5.3	5.7	4.3	8.3	4.0	4.7	4.3	6.3	4.0	5.3	4.7	5.3	4.8
SRX 4692	5.3	4.3	5.3	4.7	7.3	4.7	4.0	3.3	5.7	5.0	5.7	5.0	4.7	4.8
ES45	6.0	5.0	4.7	4.0	6.0	4.7	4.3	5.0	4.0	4.3	4.3	5.0	5.7	4.7
DP 17 9499	6.0	5.0	5.7	3.3	8.0	3.3	4.3	4.3	5.0	5.0	4.3	5.3	5.3	4.6
DELAWARE XL (PICK 01-2)	6.3	4.7	4.0	4.0	5.7	4.0	5.0	5.7	4.7	4.3	4.0	4.0	5.0	4.6
SRX 4682	3.7	5.0	5.0	6.3	5.3	5.7	4.7	4.0	6.0	4.3	4.3	4.3	3.7	4.6
TOP GUN II (JR 324)	5.0	4.0	5.3	2.0	6.7	3.3	4.0	4.3	5.0	5.0	5.3	5.0	5.0	4.6
VB99	6.0	4.7	5.0	3.7	6.0	4.0	4.3	4.7	4.7	4.0	5.0	4.7	5.3	4.6
04 BEN	5.0	4.7	3.7	4.7	5.3	4.3	5.0	3.3	5.3	4.0	5.3	4.3	4.7	4.5
ACCENT II (JR 119)	4.0	4.3	6.3	3.0	6.7	4.0	3.3	4.3	5.3	5.0	4.7	4.7	4.3	4.5
BRIGHTSTAR SLT	5.3	6.0	5.7	3.0	5.3	3.7	3.7	3.7	5.7	5.0	4.7	4.3	5.0	4.5
E 99	4.7	5.0	6.0	4.0	6.0	3.3	3.7	3.0	5.7	5.0	5.7	5.3	4.7	4.5
GPR	5.7	5.0	4.0	3.3	5.7	4.3	4.3	4.7	4.7	4.3	4.0	5.0	5.0	4.5
LA QUINTA (JR 255)	5.7	4.3	4.0	3.3	7.7	4.3	4.7	3.7	4.0	5.0	4.7	4.7	4.7	4.5
QUICKSILVER	6.0	4.3	4.3	3.0	5.7	3.3	4.3	4.7	4.7	4.7	4.7	5.0	4.7	4.5
BAR LP 4920	6.3	4.3	6.0	3.3	6.3	3.3	3.3	3.7	5.3	4.3	5.0	4.7	5.3	4.4
GALATTI (DP 17 9502)	5.0	5.0	6.7	4.3	7.0	4.0	4.3	4.3	4.3	5.0	4.3	4.0	5.0	4.4
HALO (KN42)	5.7	4.0	5.0	2.7	5.3	3.7	4.7	4.3	4.3	4.0	4.7	4.7	5.0	4.4
PRESIDIO (CNV)	5.3	4.0	5.0	3.3	7.3	3.0	4.3	5.0	4.3	5.0	4.3	4.0	5.0	4.4
TR47	5.3	4.0	4.7	3.0	8.0	4.3	4.0	5.0	4.0	4.0	4.3	4.7	5.0	4.4
BAR LP 4317	4.3	4.7	7.7	3.3	8.0	3.0	3.3	4.0	5.3	4.3	5.0	4.7	4.3	4.3
MONTEREY 3 (JR 408)	4.3	4.7	3.7	3.3	6.0	3.7	4.0	4.0	4.3	4.0	5.0	5.0	4.3	4.3
PIANIST (DP 17 9505)	4.7	4.0	4.7	2.3	6.7	3.3	3.7	5.3	5.0	5.0	3.7	4.3	4.0	4.3
PM 101	5.7	4.3	4.7	3.7	5.3	3.7	4.3	4.7	4.3	4.3	4.0	4.3	5.0	4.3
SP4	6.3	4.3	5.7	3.0	6.3	3.3	3.3	4.7	4.3	4.3	4.7	4.3	5.3	4.3
ASP6005 (AJM)	5.7	3.3	3.0	2.7	5.3	4.0	4.3	4.0	4.0	4.0	4.0	4.7	4.7	4.2

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER GRAY LEAF SPOT STRESS
AT ADELPHIA, NJ 1/
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1 9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY FALL	BROWN PATCH WARM TEMP.	GRAY LEAF SPOT	PERCENT ESTABLISH MENT	QUALITY RATINGS								MEAN
						APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BAR LP 4420	5.7	4.0	4.7	4.3	5.7	3.0	3.7	4.3	4.7	4.3	4.3	4.3	5.0	4.2
GOALKEEPER II (JR 114)	5.3	4.0	4.0	2.0	8.0	2.7	3.7	4.0	4.0	4.7	5.0	5.0	4.3	4.2
L44	5.3	4.0	4.3	2.7	6.3	3.3	4.3	3.7	4.7	4.7	4.3	4.0	4.7	4.2
PST 217	5.0	4.3	6.0	4.0	8.0	3.3	3.3	3.7	4.0	4.7	4.7	5.0	4.7	4.2
D04 LP05	5.3	4.0	5.0	2.7	6.7	3.3	4.0	3.7	4.0	4.0	4.0	4.7	5.3	4.1
PIZZAZZ	5.3	4.3	5.0	4.0	8.7	3.7	3.0	4.3	5.3	4.0	4.0	4.0	4.7	4.1
PM 102	6.0	4.3	5.0	4.3	5.7	3.7	4.0	4.7	4.0	3.3	4.0	4.3	5.0	4.1
PREMIER II	4.0	4.3	4.0	2.7	6.7	3.7	3.3	3.0	5.0	5.0	5.0	4.3	3.7	4.1
ASP6002 (BPR)	5.3	4.3	3.7	3.3	7.7	3.3	3.7	4.3	3.7	3.7	4.0	4.7	4.7	4.0
ASP6003 (TRS)	5.7	4.0	5.3	3.3	5.7	3.0	3.3	4.0	4.3	3.7	4.0	4.7	5.0	4.0
HEADSTART 2	5.7	4.0	3.3	2.3	6.7	3.3	4.3	3.7	3.7	3.3	3.7	4.7	5.3	4.0
INSPIRE	4.3	4.3	5.7	1.7	7.0	3.0	3.3	4.0	4.7	4.3	4.3	4.0	4.3	4.0
PICK 02 R	5.3	3.7	4.0	1.7	5.3	3.0	3.7	4.0	4.0	4.0	4.0	5.0	4.7	4.0
SUNSHINE 2	5.0	4.0	4.7	3.0	5.7	3.0	4.0	4.0	3.7	4.0	4.3	4.0	4.7	4.0
PS 2	5.3	4.7	6.0	1.7	5.7	3.0	3.3	3.7	4.0	4.0	4.3	4.0	4.7	3.9
CADDIESHACK II (JR 163)	4.3	3.7	5.0	1.7	6.7	3.0	2.7	3.3	4.3	4.7	4.3	4.3	3.7	3.8
PALMER III	4.7	5.0	3.3	3.3	6.0	4.0	3.7	2.7	4.3	3.3	3.7	3.3	4.3	3.7
WIND DANCE 2 (PWDR)	5.0	4.3	4.7	3.0	6.0	3.0	3.0	3.7	4.0	3.7	3.7	4.0	4.3	3.7
AFFINITY	2.7	4.3	5.3	3.3	7.0	4.0	2.3	3.0	5.0	4.0	4.3	2.7	3.3	3.6
BARLENNIUM	4.3	3.7	5.0	1.7	8.7	2.7	2.3	2.7	4.0	3.7	4.7	4.3	4.0	3.5
DP 17 9788	4.0	3.7	3.7	3.7	6.0	3.3	3.0	3.0	4.3	3.0	3.7	3.3	4.3	3.5
ASP6001 (RTS)	6.0	4.3	3.7	2.3	7.3	2.7	2.7	3.3	3.3	3.0	3.3	4.3	4.7	3.4
PANTHER	3.7	4.0	3.3	1.3	8.0	2.3	3.0	2.3	4.7	3.7	4.3	3.0	4.0	3.4
PREMIER	2.3	3.3	6.3	3.0	7.3	3.0	2.0	3.0	5.3	2.0	4.3	2.3	3.0	3.1
LPR 02203	3.0	3.3	5.3	1.0	5.3	2.3	2.0	2.7	3.7	3.7	3.0	3.7	3.3	3.0
PINNACLE	2.7	2.3	5.7	1.3	8.3	1.7	1.3	1.3	3.3	2.3	3.3	2.0	2.7	2.3
LINN	1.0	1.0	4.0	1.0	8.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.2	1.1	2.1	1.0	4.8	1.2	1.5	1.3	1.2	1.5	1.3	1.3	1.0	0.8
C.V. (%)	14.4	14.3	21.8	14.2	22.9	17.7	19.6	17.2	14.5	18.5	15.5	15.9	12.5	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 14.

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MN1	MO1	ND1	NE1	NJ1	OK1	OR1	QE1	RI1	UT1	VA1	WA1	WI1	MEAN
CABO II (IS-PR 233)	8.3	7.0	8.0	8.3	7.7	8.0	7.7	7.0	8.7	8.0	9.0	8.3	7.3	7.3	5.3	8.0	7.7	9.0	7.8
SP4	8.0	6.3	9.0	8.0	8.0	7.7	6.7	7.0	8.7	8.0	9.0	8.0	7.0	8.0	5.7	8.7	8.0	8.3	7.8
TR47	8.0	6.7	8.7	8.3	7.7	8.0	7.7	7.0	9.0	8.3	8.7	8.0	7.0	7.7	6.0	8.0	7.7	7.3	7.8
HALO (KN42)	7.7	6.7	8.0	7.3	7.3	8.0	7.0	7.0	9.0	8.7	8.3	7.3	7.0	8.0	4.7	9.0	7.7	8.3	7.6
SNR	8.0	6.7	8.0	7.3	7.7	7.7	7.3	7.0	9.0	7.7	8.7	7.3	7.0	7.3	5.7	8.7	7.7	8.0	7.6
L44	8.0	6.0	8.7	7.7	8.0	8.0	7.3	7.0	8.7	8.3	9.0	8.0	7.0	7.3	4.3	7.7	7.7	7.7	7.6
REGAL 5 (IS PR 271)	8.3	6.0	7.0	8.3	7.7	8.0	7.0	7.0	9.0	7.7	8.7	7.0	7.7	8.0	6.0	7.7	7.3	7.7	7.6
ASP6005 (AJM)	8.0	6.7	8.0	7.3	7.7	8.0	7.3	7.0	9.0	8.0	9.0	7.3	7.0	7.0	5.0	7.7	7.3	7.7	7.5
ES45	8.0	6.0	7.7	7.7	7.7	7.7	7.0	7.0	8.0	8.0	8.7	8.0	7.0	8.0	5.7	9.0	7.3	6.7	7.5
PICK 02 R	8.0	5.7	7.0	7.3	7.7	7.7	8.3	7.0	9.0	8.3	8.7	8.3	7.0	7.3	4.3	8.0	7.7	7.7	7.5
ASP6002 (BPR)	8.0	6.0	8.7	7.0	7.0	7.3	7.3	7.0	9.0	8.0	9.0	7.3	6.7	7.7	6.0	7.3	7.3	7.7	7.5
PM 102	8.0	5.7	8.3	7.3	7.0	7.7	7.3	7.0	9.0	7.7	8.3	8.0	7.0	7.7	4.7	7.7	8.3	7.3	7.4
ASP6004 (EXS54)	8.3	6.3	8.0	7.3	8.0	6.7	7.3	7.0	9.0	7.0	8.7	7.3	7.0	7.7	5.7	7.7	7.3	7.3	7.4
ASP6006 (LPFG)	8.3	6.3	8.0	7.7	7.3	7.3	6.7	7.0	8.7	7.0	8.7	7.3	7.0	7.7	6.0	8.0	7.0	7.7	7.4
WIND DANCE 2 (PWDR)	8.0	6.3	8.3	7.0	7.7	6.7	7.3	7.0	8.3	7.0	8.7	7.3	7.0	7.3	6.3	8.0	7.0	8.3	7.4
VB99	7.7	6.3	8.3	7.3	8.0	7.0	6.7	7.0	8.7	7.3	9.0	7.7	7.3	7.3	5.3	8.0	7.7	7.0	7.4
ASP6003 (TRS)	8.0	6.3	8.7	7.3	8.0	6.7	7.0	7.0	9.0	7.7	8.7	7.0	7.0	7.3	5.0	7.7	7.3	7.3	7.4
FIREBOLT (PRG HS 01 09)	8.0	5.7	8.0	8.0	6.7	7.3	8.3	7.0	8.7	7.5	8.3	7.7	7.0	6.7	5.7	7.7	7.7	6.7	7.4
GPR	8.0	6.0	8.0	7.3	7.7	6.7	7.7	7.0	9.0	7.3	8.3	7.7	7.0	7.7	5.3	8.0	7.0	6.3	7.3
PM 101	8.0	6.3	7.0	7.7	7.3	7.0	7.7	7.0	8.7	7.7	8.3	8.0	6.7	7.3	5.3	7.3	7.0	6.7	7.3
ASP6001 (RTS)	7.7	5.0	7.7	7.3	7.7	7.0	6.7	7.0	8.7	8.0	8.3	6.7	7.0	7.3	6.0	8.0	7.3	7.3	7.3
PRESIDIO (CNV)	7.3	6.0	7.7	7.7	6.7	7.0	7.7	7.0	8.3	7.0	7.7	7.7	7.0	7.3	6.0	8.3	7.3	6.0	7.2
PALACE (IS PR 273)	8.0	6.7	7.0	7.3	7.3	7.3	6.3	7.0	8.0	7.0	8.7	7.0	7.3	7.0	5.0	8.3	7.0	6.7	7.2
VB77	8.3	5.7	7.7	8.0	8.0	5.7	7.0	7.0	8.3	7.0	8.3	7.0	7.0	7.3	5.3	7.7	7.0	6.7	7.2
STELLAR GL (IS PR 236)	8.3	6.3	7.7	8.0	7.0	7.0	6.7	7.0	7.7	6.7	8.0	7.0	7.3	6.7	6.3	7.7	7.0	6.3	7.1
APR 1648	7.7	6.0	7.3	7.3	7.3	6.7	6.7	7.0	8.7	7.7	7.7	7.7	7.3	7.3	4.7	8.0	7.3	6.0	7.1
FUSION	8.0	6.3	5.3	7.0	7.0	6.7	7.0	7.0	8.3	7.0	8.7	7.3	7.3	7.7	6.0	7.7	7.0	7.0	7.1
AMAZING GS (IS-PR 276)	8.3	6.7	7.0	7.7	6.7	7.0	6.7	7.0	8.0	7.3	8.0	7.7	7.3	7.3	4.7	7.3	7.0	6.3	7.1
MS2	7.7	6.7	6.0	8.0	7.0	6.7	7.0	7.0	7.7	7.7	8.3	7.0	7.0	7.3	5.7	7.7	7.0	6.7	7.1
REVENGE GLX (JR 348)	8.0	5.7	7.3	8.7	6.7	6.7	6.7	7.0	8.0	6.3	8.0	7.0	7.0	7.0	5.7	7.7	7.3	6.7	7.1
LA QUINTA (JR 255)	7.3	5.7	7.0	7.0	7.7	7.3	5.7	7.0	8.3	7.0	8.3	7.0	7.0	7.3	5.3	7.7	7.3	7.0	7.1
AC2	8.0	5.3	6.3	7.7	7.3	6.3	7.3	7.0	8.7	6.3	8.3	7.7	6.7	6.7	5.7	8.0	7.0	6.0	7.0
KOKOMO II (IS-PR 235)	8.0	6.0	6.7	8.0	6.7	6.7	6.3	7.0	8.0	6.3	8.0	7.3	7.3	6.7	6.0	8.0	7.3	6.0	7.0
SUNSHINE 2	7.7	5.0	8.3	6.3	7.7	7.0	6.7	7.0	8.3	5.7	8.7	8.3	6.7	7.7	4.3	7.3	7.0	6.3	7.0
ALL*STAR 3 (IS PR 274)	8.3	6.3	6.3	7.7	6.3	6.3	7.0	7.0	8.0	7.0	8.0	7.0	7.7	7.0	5.0	7.0	7.3	6.3	7.0
DELAWARE XL (PICK 01-2)	7.7	5.3	6.3	7.0	6.7	6.0	7.0	7.0	8.3	7.7	8.7	7.0	7.0	7.0	5.7	7.7	7.0	6.0	6.9
PLEASURE SUPREME (PM 103)	7.7	6.0	7.7	7.7	6.7	6.7	6.3	7.0	8.7	6.7	7.7	7.0	6.7	6.3	5.0	7.3	7.0	6.7	6.9
PALMER IV	8.0	6.7	7.3	7.0	6.7	6.7	6.7	7.0	7.3	6.7	8.3	7.7	7.0	6.3	4.7	7.7	6.7	6.3	6.9
DP1	8.0	6.0	7.0	7.7	6.3	6.3	6.0	7.0	7.3	6.3	7.7	7.3	7.3	7.0	5.3	7.3	7.3	7.0	6.9
DERBY XTREME (IS PR 268)	8.3	6.3	7.3	7.3	6.7	6.0	5.3	7.0	8.0	6.3	7.7	7.3	7.0	7.0	5.3	7.3	7.0	6.7	6.9
HEADSTART 2	7.3	5.7	6.7	6.7	7.0	5.3	7.3	7.0	7.7	7.0	8.7	7.3	7.0	7.7	5.7	7.3	7.0	5.7	6.9
DP 17 9499	7.7	5.7	6.7	7.7	7.0	5.7	6.3	7.0	8.3	6.7	8.0	6.7	7.0	6.7	5.7	7.3	7.0	6.7	6.9
FIESTA 4 (PICK F4)	7.7	6.0	7.3	7.0	6.3	6.7	6.0	7.0	8.0	6.7	7.7	8.0	7.3	7.0	5.0	6.7	6.7	6.7	6.9
EXACTA II GLSR (LTP 611 GLSR)	7.7	6.3	7.3	8.0	6.3	6.7	5.7	7.0	7.0	6.3	7.7	7.7	7.3	6.7	5.3	7.3	7.0	6.3	6.9
ATTRIBUTE (IS-PR 270)	8.0	6.3	6.7	7.7	6.3	6.3	5.7	7.0	7.3	6.7	7.7	7.3	7.0	6.3	6.0	7.7	7.0	6.3	6.9

TABLE 14. (CONT'D)

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

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

NAME	IA1	IL1	IL2	IN1	MA1	MN1	MO1	ND1	NE1	NJ1	OK1	OR1	QE1	RI1	UT1	VA1	WA1	WI1	MEAN
PROTEGE GLR	7.3	5.3	7.3	7.7	6.0	6.7	6.3	7.0	7.3	7.0	7.0	8.3	7.0	7.3	5.0	7.3	7.0	6.3	6.9
D04 11T	7.7	6.0	6.7	6.7	6.7	6.0	7.0	7.0	7.3	7.0	8.0	7.7	7.0	6.7	5.7	7.3	6.7	5.7	6.8
04 BRE	8.3	5.3	6.7	7.3	6.7	5.3	6.3	7.0	7.7	6.3	8.0	7.3	6.7	7.0	6.7	6.3	6.3	7.0	6.8
PICK RB 1	8.0	6.7	6.0	8.3	6.0	5.7	6.3	7.0	8.0	7.0	7.7	6.7	7.0	7.0	5.0	7.0	6.3	6.3	6.8
MACH I	8.0	7.0	5.3	7.0	7.3	5.3	6.3	7.0	8.3	6.3	7.7	6.7	7.0	6.3	5.3	7.7	6.7	6.3	6.8
QUICKSILVER	8.0	6.3	6.3	7.0	6.3	6.3	7.0	7.0	7.7	6.3	7.3	6.7	7.0	6.3	5.7	7.3	7.0	6.0	6.8
MMW	8.3	6.3	5.3	7.3	6.7	6.7	5.7	7.0	7.3	6.3	8.0	6.3	7.3	6.3	5.7	7.3	7.0	6.3	6.7
BUENA VISTA	8.3	6.3	6.7	7.3	6.7	6.3	5.7	7.0	6.7	6.7	7.3	7.0	6.7	7.3	5.3	7.7	6.3	5.7	6.7
TOP GUN II (JR 324)	8.3	5.7	6.3	6.7	6.3	6.7	6.3	7.0	8.3	5.3	7.7	6.0	7.0	7.3	5.7	7.3	7.0	6.0	6.7
PINNACLE II	8.0	6.0	6.3	7.0	6.3	5.7	5.3	7.0	8.0	6.3	7.3	6.7	7.0	6.3	6.0	7.3	7.0	6.7	6.7
HOMERUN (RG3P)	7.7	5.7	5.0	7.0	6.3	6.0	6.7	7.0	7.7	6.0	7.7	7.7	6.7	6.3	5.3	7.7	7.0	6.7	6.7
PST 2AG4	8.3	6.3	5.3	7.3	6.7	6.0	6.3	7.0	8.3	5.3	7.3	6.0	7.0	6.7	5.7	7.3	6.7	5.7	6.6
RNS	8.3	6.0	5.7	7.3	6.7	5.7	6.0	7.0	7.0	6.0	7.3	7.0	7.0	6.0	5.7	7.7	6.7	6.3	6.6
PIANIST (DP 17 9505)	7.7	5.0	5.3	7.7	6.7	5.0	7.3	7.0	7.3	5.3	7.7	6.7	7.0	7.0	5.0	7.3	7.0	7.0	6.6
APPLE GL (AAZ B104)	8.0	6.0	6.0	7.0	6.0	5.7	5.3	7.0	7.7	6.3	7.7	6.7	7.0	6.3	6.0	7.0	7.0	6.3	6.6
PARAGON GLR	8.0	5.7	6.0	7.0	5.7	5.7	6.0	7.0	7.3	6.3	7.3	7.3	7.3	6.7	5.0	7.0	7.0	6.7	6.6
PIZZAZZ	7.7	5.7	5.3	8.3	6.3	6.0	5.7	7.0	7.3	6.3	7.3	6.7	6.7	6.7	5.3	7.3	7.0	6.3	6.6
D04 UP	8.0	6.7	7.0	7.0	6.0	5.7	5.3	7.0	7.0	6.7	7.0	6.7	7.0	6.0	5.0	7.7	7.0	6.0	6.6
BAR LP 4420	7.7	5.7	6.0	7.3	6.3	5.3	6.3	7.0	8.0	6.0	7.7	6.3	6.7	7.3	5.0	7.3	7.0	5.7	6.6
LCK	8.0	6.3	6.3	7.0	6.3	5.0	6.7	7.0	7.3	6.0	8.0	6.7	7.3	6.3	5.3	6.7	6.3	6.0	6.6
SR 4600 (SRX 4SP)	8.3	5.0	6.7	7.3	6.0	6.3	6.0	7.0	7.0	6.3	7.3	7.0	7.0	6.7	5.3	7.0	7.0	5.0	6.6
SRX 4692	7.7	4.7	6.7	7.0	7.0	5.7	6.7	7.0	6.7	6.0	7.7	6.0	7.0	6.7	5.0	7.7	7.0	6.0	6.6
HARRIER (SRX 4UP3)	8.3	5.7	7.3	7.3	5.7	5.3	6.3	7.0	7.0	6.3	7.0	6.7	7.3	7.0	4.7	6.3	7.0	5.7	6.6
AF	7.7	6.0	5.7	7.7	6.3	5.7	6.0	7.0	7.0	6.3	7.3	6.7	7.0	6.3	5.0	7.0	7.0	6.3	6.6
PHENOM (APR 1660)	8.0	5.7	7.0	7.0	6.3	5.3	5.3	7.0	7.0	5.7	7.7	6.0	7.0	6.3	5.0	8.0	6.7	6.0	6.5
GRAY STAR (PST 2LGL)	7.7	6.0	5.3	7.0	6.3	5.3	6.0	7.0	7.7	5.3	7.3	6.7	7.0	5.7	6.0	7.0	7.7	5.7	6.5
1G2 (APR 1664)	7.7	5.7	7.0	5.0	6.7	5.7	6.0	7.0	7.3	5.7	7.7	6.7	7.0	6.3	5.7	7.0	6.7	5.7	6.5
\$ILVER DOLLAR	7.7	5.3	5.3	7.3	6.0	5.3	6.0	7.0	8.3	6.3	7.3	6.3	7.0	5.7	5.0	7.3	7.0	6.0	6.5
DCM	8.0	5.3	5.3	7.3	6.3	4.7	5.7	7.0	7.3	4.7	7.3	6.7	6.7	7.0	6.0	7.7	7.0	6.3	6.5
GL 2	8.0	5.0	5.3	7.7	6.0	5.3	5.7	7.0	7.3	6.3	8.0	7.0	6.7	5.7	5.0	7.3	7.0	5.7	6.4
D04 1667	8.0	5.7	5.0	7.0	6.3	5.7	7.0	7.0	7.3	5.7	7.3	6.7	6.3	6.3	5.0	7.0	7.0	5.7	6.4
D04 LP05	8.0	4.3	6.0	7.7	6.3	5.0	5.3	6.7	7.0	6.7	7.3	7.0	6.7	7.3	5.3	7.0	6.7	5.7	6.4
PST 2BLK	8.0	5.3	5.7	6.3	6.7	4.3	6.7	7.0	7.7	4.0	6.7	6.7	6.7	7.0	6.3	7.7	6.3	6.3	6.4
PST 217	7.7	5.7	7.0	6.0	6.3	5.0	5.7	7.0	7.3	5.3	7.0	6.3	6.7	5.7	6.0	7.3	6.7	6.3	6.4
REPELL GLS	7.7	5.3	6.7	7.0	5.3	4.3	5.7	7.0	7.0	6.0	7.3	6.0	7.0	6.7	5.7	8.0	6.7	5.7	6.4
PRIMARY (IS PR 269)	8.0	5.7	5.7	7.3	6.0	5.0	6.0	7.0	7.3	6.3	7.3	6.3	7.0	6.3	4.5	7.0	7.0	5.0	6.4
PANTHER GLS	8.0	5.7	6.0	7.0	5.7	4.7	5.7	7.0	7.0	6.0	7.3	6.7	6.7	6.0	5.3	7.3	6.7	6.0	6.4
GALATTI (DP 17 9502)	8.0	4.3	5.0	7.0	7.0	4.7	6.0	6.0	7.7	5.7	7.3	6.3	6.7	6.3	6.3	7.3	6.3	6.3	6.4
KEYSTONE 2 (IS PR 312)	7.3	6.0	5.3	7.7	6.0	4.3	6.7	7.0	7.3	5.3	7.0	6.0	7.0	6.7	5.0	7.3	6.7	5.3	6.3
PS 2	7.7	5.0	4.7	7.0	6.0	5.0	5.3	7.0	7.7	6.0	7.3	6.3	6.7	5.7	6.0	7.3	7.0	6.0	6.3
04 BEN	8.0	5.3	5.3	7.3	6.0	4.7	5.7	7.0	7.3	4.0	7.3	6.3	6.7	6.3	5.7	7.3	6.7	6.3	6.3
CHARISMATIC II GLSR (LTP PG GLSR)	7.7	5.7	5.7	7.0	6.0	4.7	5.0	7.0	7.0	5.3	7.3	6.7	7.0	6.3	5.0	7.7	6.3	5.7	6.3
OVERDRIVE	8.0	5.3	4.3	7.0	6.7	4.7	6.3	7.0	7.3	5.3	7.7	7.0	7.0	6.3	3.7	7.0	6.3	6.0	6.3
LINE DRIVE GLS (APR 1797)	8.0	5.3	5.7	7.3	5.7	5.7	6.0	7.0	7.3	5.7	7.0	6.0	6.7	6.0	4.7	6.7	6.7	5.3	6.3
PST 2MNG	8.0	5.3	5.0	7.3	6.3	5.0	5.7	7.0	7.3	5.0	7.3	6.3	6.7	7.0	4.7	7.0	6.7	5.0	6.3
PST 2GSM	8.0	4.7	5.0	6.7	5.7	5.3	6.7	7.0	6.7	5.3	7.3	6.3	7.0	6.3	5.7	6.7	6.3	6.0	6.3

TABLE 14. (CONT'D)

GENETIC COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

NAME	GENETIC COLOR RATINGS 1 9; 9=DARK GREEN 2/																		
	IA1	IL1	IL2	IN1	MA1	MN1	MO1	ND1	NE1	NJ1	OK1	OR1	QE1	RI1	UT1	VA1	WA1	WI1	MEAN
GOALKEEPER II (JR 114)	7.7	4.0	4.7	6.0	6.3	4.7	7.0	7.0	7.3	4.7	7.0	6.3	7.0	7.0	5.0	7.0	7.0	6.7	6.2
DART (APR 1663)	7.0	5.3	5.0	7.0	6.3	4.7	6.0	7.0	7.0	5.7	7.0	6.0	7.0	5.7	5.5	6.7	7.0	6.3	6.2
APR 1670	7.7	4.7	5.0	7.0	5.7	4.7	5.7	7.0	7.0	5.0	7.0	6.3	7.0	6.7	5.7	7.3	7.0	5.0	6.2
MONTEREY 3 (JR 408)	7.3	5.3	4.0	7.0	6.3	4.3	6.3	7.0	7.7	4.3	7.7	5.7	7.0	6.0	5.3	7.3	7.0	5.7	6.2
E 99	7.7	5.0	4.3	6.7	6.7	4.7	6.3	7.0	7.3	5.0	7.0	6.0	7.0	6.0	5.7	6.7	6.7	5.3	6.2
BAR LP 4920	7.7	4.7	3.0	6.3	6.7	5.0	5.7	7.0	7.7	5.0	7.3	6.7	6.7	6.0	6.0	7.0	6.7	5.7	6.1
ACCENT II (JR 119)	7.3	4.7	5.0	6.3	6.0	4.3	6.0	7.0	7.3	4.3	7.0	6.0	6.7	6.7	6.0	7.0	6.7	5.7	6.1
RAD PR8	8.0	5.0	4.7	8.0	6.3	4.3	6.0	6.3	7.3	5.0	7.3	5.3	6.3	6.0	5.3	7.0	6.7	5.0	6.1
MANHATTAN 5 GLR (PST 2AM)	7.7	5.3	5.3	7.0	5.3	5.3	5.0	7.0	7.0	4.7	6.7	6.7	6.3	7.0	5.3	6.3	6.7	5.0	6.1
SECRETARIAT II GLSR (LTP 101 GLSR)	7.3	4.7	4.7	7.3	5.7	4.7	5.7	7.0	7.0	5.0	7.3	6.0	6.7	6.0	5.7	7.0	6.7	5.0	6.1
CADDIESHACK II (JR 163)	7.7	5.0	4.0	6.7	6.0	3.7	5.7	7.0	7.0	4.7	7.0	6.3	6.7	6.3	6.0	7.0	6.0	6.0	6.0
CITATION FORE	7.3	5.0	4.0	7.0	6.0	4.7	6.3	7.0	7.0	4.3	7.0	6.0	6.7	6.0	5.7	6.0	6.3	5.0	6.0
BRIGHTSTAR SLT	8.0	5.0	4.0	7.0	5.7	4.0	6.0	7.0	7.0	4.0	7.0	6.0	7.0	6.0	5.0	7.3	6.3	5.0	6.0
INSPIRE	7.7	5.0	5.0	7.3	5.3	4.0	5.0	7.0	7.3	4.7	6.7	6.3	7.0	5.3	5.7	6.3	6.0	5.0	5.9
SRX 4682	7.0	4.3	3.3	7.3	5.7	4.7	5.3	7.0	6.7	4.3	6.7	5.7	6.7	6.3	5.3	7.3	6.7	4.7	5.8
BARLENNIUM	8.0	5.0	4.3	6.0	6.0	4.3	5.3	7.0	7.0	3.3	7.0	6.0	6.7	5.7	5.0	6.3	6.3	4.7	5.8
BAR LP 4317	8.0	5.3	4.3	7.0	5.0	3.7	5.3	7.0	5.7	4.0	6.7	5.3	6.7	5.3	5.7	7.0	6.3	5.3	5.8
PST 2LAN	8.0	5.3	4.0	6.7	5.7	3.7	4.7	7.0	7.0	4.0	6.7	5.7	6.3	5.3	6.0	6.3	6.0	4.7	5.7
PALMER III	7.3	4.0	3.0	6.3	6.0	3.7	4.7	7.0	6.7	4.3	6.3	5.7	6.7	5.7	6.0	7.0	6.7	5.3	5.7
PENTIUM	7.7	4.0	4.3	6.7	5.7	4.0	5.7	7.0	6.0	3.3	6.3	5.7	6.7	5.3	5.7	6.0	6.3	5.7	5.7
PREMIER II	8.0	3.7	3.7	7.0	6.3	4.0	5.0	5.0	6.7	4.3	7.0	5.3	6.3	5.7	5.3	6.7	6.3	5.3	5.6
DP 17 9788	7.3	4.0	3.0	6.7	6.0	4.0	5.3	7.0	6.7	3.7	6.7	5.3	6.3	5.3	5.0	6.7	6.3	5.0	5.6
PANTHER	7.3	3.7	2.3	5.7	4.7	2.7	4.7	5.0	6.7	3.0	6.0	5.0	6.0	5.3	5.3	5.7	6.0	4.3	5.0
LPR 02203	7.0	3.3	1.7	5.3	4.3	2.3	4.3	5.0	6.3	2.3	5.3	5.0	6.7	5.3	5.3	5.7	6.0	3.3	4.7
AFFINITY	7.3	3.3	2.0	5.7	5.0	2.0	4.0	5.7	5.0	2.3	5.0	4.7	6.0	4.0	5.3	4.7	5.7	3.0	4.5
PREMIER	6.7	3.0	2.0	4.3	4.3	2.0	3.7	5.0	5.0	2.3	5.3	4.7	6.3	4.3	5.3	5.0	4.7	3.3	4.3
PINNACLE	6.7	3.0	1.7	4.3	4.3	2.3	3.7	5.0	5.0	2.3	5.0	5.0	5.7	4.0	6.0	4.7	4.7	3.3	4.3
LINN	6.0	3.0	1.0	3.0	3.7	1.0	3.0	4.0	5.0	1.0	3.7	4.0	4.7	3.3	5.7	4.0	2.0	2.7	3.4
LSD VALUE	0.7	1.2	1.2	1.4	0.9	1.3	1.2	0.3	0.8	1.2	0.9	0.9	0.6	1.1	1.7	1.1	0.9	1.3	0.3
C.V. (%)	5.9	14.0	12.6	12.5	8.7	13.9	11.8	2.3	6.5	12.8	7.6	8.7	5.9	10.5	19.5	9.5	8.1	13.3	10.3

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 15.

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 2005 DATA

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

NAME	IA1	IL1	IL2	IN1	ND1	NE1	SD1	UT1	VA1	MEAN
MMW	7.3	7.0	6.0	7.0	5.7	4.7	6.7	6.0	7.0	6.4
PARAGON GLR	7.7	7.0	5.3	6.3	6.3	5.3	6.7	5.7	6.0	6.3
HOMERUN (RG3P)	7.7	7.0	6.0	6.3	6.0	3.7	7.0	5.7	7.0	6.3
PALACE (IS PR 273)	8.0	7.0	5.0	7.0	4.0	4.7	7.3	6.0	7.0	6.2
AMAZING GS (IS-PR 276)	8.0	7.0	6.3	6.7	5.0	4.7	7.0	5.7	5.7	6.2
FIESTA 4 (PICK F4)	7.7	6.7	6.0	7.0	5.3	4.7	7.0	5.5	6.0	6.2
REVENGE GLX (JR 348)	6.7	7.0	5.0	7.3	6.0	5.0	6.3	5.5	7.0	6.2
PALMER IV	7.3	7.0	5.3	6.7	6.0	4.7	7.0	5.7	6.0	6.2
SR 4600 (SRX 4SP)	6.7	6.7	5.3	7.0	5.7	4.7	7.0	6.5	6.0	6.2
VB99	7.7	7.0	6.0	6.0	5.3	3.0	7.3	6.7	6.3	6.1
VB77	8.0	7.0	4.7	6.7	5.7	3.7	6.7	6.5	6.3	6.1
AF	7.7	7.0	6.0	6.7	6.3	4.0	7.0	5.3	5.0	6.1
KEYSTONE 2 (IS PR 312)	7.7	7.0	5.7	6.7	4.7	4.0	7.3	6.0	6.0	6.1
DP1	7.7	7.0	5.3	7.3	4.3	4.3	7.3	5.7	6.0	6.1
HARRIER (SRX 4UP3)	7.0	7.0	5.7	7.7	5.3	4.0	6.7	5.5	6.0	6.1
APR 1648	7.7	6.7	7.0	7.0	5.0	4.0	7.0	5.3	5.0	6.1
ASP6004 (EXS54)	8.0	7.0	4.7	6.7	4.3	5.0	7.3	5.7	6.0	6.1
ASP6006 (LPFG)	8.0	7.0	5.0	6.0	5.3	3.7	7.3	6.0	6.3	6.1
PHENOM (APR 1660)	7.0	7.0	6.0	6.0	5.7	5.3	6.7	5.0	6.0	6.1
PANTHER GLS	7.3	7.0	6.7	6.3	5.0	4.7	6.7	5.3	5.7	6.1
REPELL GLS	7.3	6.7	5.3	6.3	5.3	4.3	7.0	5.5	6.7	6.1
STELLAR GL (IS PR 236)	7.7	7.0	5.0	6.3	4.7	3.7	7.3	6.3	6.3	6.0
ASP6005 (AJM)	7.7	7.0	5.0	6.3	5.0	4.3	6.7	6.3	6.0	6.0
D04 11T	7.7	7.0	5.3	6.3	4.3	5.3	7.3	6.0	5.0	6.0
CABO II (IS-PR 233)	8.0	6.7	6.3	6.0	3.3	4.7	7.0	5.3	7.0	6.0
SILVER DOLLAR	7.3	7.0	5.7	7.7	4.0	5.3	6.7	6.0	4.7	6.0
CHARISMATIC II GLSR (LTP PG GLSR)	7.0	6.7	5.7	6.7	5.3	4.7	7.0	5.7	5.7	6.0
DART (APR 1663)	6.7	6.7	7.0	7.0	5.3	4.0	7.0	6.3	4.0	6.0
ES45	8.0	7.0	5.0	6.3	4.7	3.0	7.0	6.3	6.7	6.0
EXACTA II GLSR (LTP 611 GLSR)	7.0	7.0	5.7	7.3	5.0	4.7	6.7	5.3	5.3	6.0
GL 2	7.0	7.0	6.0	7.0	5.0	4.0	7.0	5.3	5.7	6.0
MACH I	7.3	6.7	5.7	6.0	5.7	4.3	7.0	5.7	5.7	6.0
TOP GUN II (JR 324)	7.7	7.0	5.0	6.0	4.3	5.7	7.0	6.0	5.3	6.0
PICK 02 R	7.7	7.0	4.3	6.3	5.7	3.3	7.0	6.0	6.3	6.0
PINNACLE II	7.7	7.0	6.7	6.3	4.3	4.3	7.0	5.3	5.0	6.0
PRIMARY (IS PR 269)	7.0	6.7	5.0	6.3	5.7	4.0	7.3	6.0	5.7	6.0
PROTEGE GLR	6.3	7.0	5.0	7.3	5.3	4.0	7.0	5.7	6.0	6.0
SP4	8.0	6.7	5.0	6.0	6.0	3.7	6.7	5.7	6.0	6.0
APPLE GL (AAZ B104)	7.0	6.7	5.0	6.7	4.0	5.0	6.7	6.0	6.3	5.9
ACCENT II (JR 119)	7.7	6.7	5.0	6.0	6.3	4.3	7.0	6.0	4.3	5.9
1G2 (APR 1664)	7.0	6.7	5.7	6.3	5.7	3.7	7.0	6.0	5.3	5.9
D04 UP	7.7	7.0	6.3	6.3	4.3	4.0	6.3	6.0	5.3	5.9
FUSION	7.0	7.0	5.0	6.3	5.0	3.7	6.7	6.3	6.3	5.9
HALO (KN42)	7.7	7.0	5.3	5.7	3.7	4.0	7.0	6.0	7.0	5.9
LA QUINTA (JR 255)	7.7	6.7	5.3	6.3	5.0	3.0	6.7	6.3	6.3	5.9

TABLE 15. (CONT'D)

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 2005 DATA

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

NAME	IA1	IL1	IL2	IN1	ND1	NE1	SD1	UT1	VA1	MEAN
DCM	7.3	7.0	6.0	6.0	5.3	2.7	7.0	5.7	6.3	5.9
PLEASURE SUPREME (PM 103)	7.7	7.0	5.7	6.3	5.3	3.7	7.0	5.7	5.0	5.9
WIND DANCE 2 (PWDR)	7.7	7.0	5.3	6.3	5.0	4.0	6.3	5.7	6.0	5.9
REGAL 5 (IS PR 271)	7.7	7.3	5.7	6.3	3.7	3.3	6.7	6.0	6.7	5.9
04 BRE	7.7	7.0	6.3	6.3	4.3	3.3	6.7	6.0	5.3	5.9
KOKOMO II (IS-PR 235)	7.3	7.0	5.0	7.0	3.7	4.0	7.0	5.3	6.7	5.9
SNR	7.7	7.0	6.0	5.7	4.3	3.3	7.0	6.0	6.0	5.9
SUNSHINE 2	7.3	7.0	4.0	6.0	5.3	3.7	7.0	6.7	6.0	5.9
D04 1667	7.0	6.0	5.7	6.7	6.0	4.3	7.0	5.0	5.0	5.9
DP 17 9499	7.3	6.3	7.0	6.7	3.7	4.3	7.0	5.3	5.0	5.9
DELAWARE XL (PICK 01-2)	7.0	7.0	5.7	6.3	5.3	3.3	6.3	5.3	6.3	5.9
RNS	7.3	7.0	3.7	5.3	5.7	5.0	7.3	6.0	5.3	5.9
TR47	8.0	7.0	4.3	6.0	4.7	3.0	7.3	6.3	6.0	5.9
04 BEN	7.0	7.0	6.3	6.3	5.7	4.0	6.3	5.3	4.7	5.9
ALL*STAR 3 (IS PR 274)	7.3	7.0	5.7	6.7	3.7	5.0	6.7	5.0	5.7	5.9
ASP6003 (TRS)	7.3	7.0	6.0	6.3	3.7	3.0	7.0	6.0	6.3	5.9
GPR	8.0	7.0	5.3	6.0	4.3	3.0	7.0	6.0	6.0	5.9
PM 101	7.7	7.0	5.3	7.0	4.3	4.0	6.3	5.7	5.3	5.9
BUENA VISTA	7.3	6.7	4.0	6.7	5.0	4.0	7.0	5.3	6.3	5.8
ATTRIBUTE (IS-PR 270)	7.3	7.0	5.7	7.0	4.0	4.0	6.7	5.3	5.3	5.8
MS2	8.0	7.0	4.7	6.0	5.3	4.0	6.3	5.3	5.7	5.8
PRESIDIO (CNV)	7.7	6.7	5.3	6.0	4.7	4.0	6.7	5.7	5.7	5.8
DERBY XTREME (IS PR 268)	7.3	7.0	5.0	6.3	3.7	3.7	7.0	5.7	6.3	5.8
E 99	7.0	6.3	6.7	6.7	5.3	4.0	7.0	5.3	3.7	5.8
PICK RB 1	7.0	6.7	5.0	6.3	5.3	3.0	7.3	5.3	6.0	5.8
HEADSTART 2	7.7	7.3	5.0	6.3	4.7	3.7	7.0	5.3	4.7	5.7
L44	8.0	7.0	5.0	6.0	3.7	2.3	7.0	6.7	6.0	5.7
ASP6002 (BPR)	7.7	6.7	5.0	5.7	3.7	3.0	7.0	6.3	6.3	5.7
BAR LP 4420	7.3	7.0	5.0	5.7	3.7	4.3	7.0	5.3	6.0	5.7
PST 2GSM	7.0	7.0	6.0	5.7	4.7	4.3	6.3	5.7	4.7	5.7
LCK	7.3	7.0	5.3	6.7	5.0	2.3	6.7	6.0	5.0	5.7
ASP6001 (RTS)	8.0	6.7	4.3	5.7	4.7	3.3	6.3	6.0	6.0	5.7
PST 2AG4	7.3	7.0	3.7	7.0	3.7	4.7	6.0	6.3	5.3	5.7
SECRETARIAT II GLSR (LTP 101 GLSR)	7.0	7.0	5.0	6.3	5.0	3.0	6.7	5.3	5.7	5.7
BAR LP 4920	7.0	6.7	5.0	6.7	5.3	3.0	7.0	5.5	4.7	5.6
GALATTI (DP 17 9502)	8.0	6.3	7.0	6.7	4.7	3.7	7.0	3.5	4.0	5.6
CITATION FORE	6.7	6.3	5.3	7.0	4.3	4.0	6.3	6.0	4.7	5.6
D04 LP05	7.0	7.0	5.3	6.3	2.7	4.3	6.3	5.3	6.3	5.6
OVERDRIVE	7.3	6.7	6.0	6.0	4.3	2.3	7.0	5.3	5.3	5.6
PM 102	7.7	7.7	3.0	6.7	3.0	3.7	6.7	6.0	6.0	5.6
AC2	8.0	7.0	4.3	6.3	2.0	4.7	6.7	5.3	6.0	5.6
APR 1670	7.3	6.0	6.0	6.7	4.3	3.3	6.7	5.7	4.3	5.6
FIREBOLT (PRG HS 01 09)	7.7	7.0	4.3	6.3	4.0	3.0	6.7	6.0	5.3	5.6
GRAY STAR (PST 2LGL)	7.7	7.0	3.0	5.0	5.3	3.7	6.3	5.7	6.7	5.6
LINE DRIVE GLS (APR 1797)	7.7	7.0	5.0	6.0	3.3	4.3	7.0	5.3	4.3	5.6
PST 2BLK	7.7	7.3	5.0	5.0	4.3	2.7	6.3	6.3	5.0	5.5

TABLE 15. (CONT'D)

 SPRING GREENUP RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 2005 DATA

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

NAME	IA1	IL1	IL2	IN1	ND1	NE1	SD1	UT1	VA1	MEAN
PALMER III	7.0	6.3	6.0	6.0	4.0	4.3	6.3	5.0	4.3	5.5
PIZZAZZ	6.7	6.7	4.3	6.0	4.7	3.0	7.0	6.0	5.0	5.5
BRIGHTSTAR SLT	7.0	6.3	5.3	6.0	5.0	3.3	6.3	5.3	4.3	5.4
DP 17 9788	7.0	6.0	6.0	6.0	4.0	3.0	6.7	5.3	5.0	5.4
MONTEREY 3 (JR 408)	7.3	6.7	4.3	5.3	4.7	3.7	6.3	5.0	5.7	5.4
RAD PR8	7.3	6.0	6.0	6.0	3.0	3.7	6.7	5.3	5.0	5.4
SRX 4692	6.7	7.0	5.0	6.3	3.3	2.7	6.7	6.0	5.3	5.4
BAR LP 4317	7.0	6.7	5.3	5.7	5.7	2.3	6.3	5.3	4.3	5.4
INSPIRE	6.7	6.7	4.3	6.0	6.0	3.0	6.3	5.0	4.7	5.4
PST 2MNG	6.0	6.7	5.0	6.3	3.7	4.7	7.0	5.3	4.0	5.4
PST 2LAN	7.0	7.0	4.0	6.0	4.3	3.3	6.3	6.0	4.7	5.4
PST 217	7.3	6.7	4.7	5.0	5.0	3.0	6.7	5.0	5.0	5.4
SRX 4682	6.7	7.0	5.0	5.0	4.0	3.0	6.7	5.3	5.3	5.3
MANHATTAN 5 GLR (PST 2AM)	7.0	6.3	4.7	6.0	4.7	3.0	6.7	5.0	4.7	5.3
CADDIESHACK II (JR 163)	7.0	7.0	3.3	6.0	6.3	2.0	6.7	5.0	4.7	5.3
QUICKSILVER	7.7	6.7	2.3	4.7	4.7	3.0	7.0	5.5	5.7	5.2
GOALKEEPER II (JR 114)	7.7	6.7	2.0	5.7	5.3	2.3	6.7	5.7	5.0	5.2
PANTHER	6.3	5.3	5.3	6.0	5.0	4.3	5.7	5.0	4.0	5.2
PREMIER II	6.3	6.0	6.0	6.0	3.0	4.0	6.3	5.0	4.3	5.2
PS 2	7.0	7.0	4.3	5.7	3.0	3.0	6.7	5.3	5.0	5.2
PENTIUM	7.0	6.0	6.0	5.7	3.7	2.7	7.3	4.7	3.3	5.1
PIANIST (DP 17 9505)	7.0	6.3	5.3	6.7	2.7	4.0	6.0	4.3	4.0	5.1
BARLENNIUM	6.7	6.3	5.3	6.0	2.7	3.3	6.7	5.7	3.7	5.1
PINNACLE	6.0	5.0	6.7	5.3	3.7	3.3	5.3	4.7	3.0	4.8
PREMIER	6.0	5.3	6.0	6.3	2.7	3.7	5.3	4.7	3.0	4.8
LPR 02203	6.3	6.0	4.0	5.7	2.7	3.0	6.3	5.0	3.7	4.7
AFFINITY	5.7	5.0	4.3	5.3	3.3	2.7	5.3	5.0	3.3	4.4
LINN	5.0	5.3	1.0	4.7	2.7	2.0	2.0	4.7	2.7	3.3
LSD VALUE	0.7	0.6	1.8	1.1	2.6	1.7	0.9	1.0	1.4	0.5
C.V. (%)	6.2	5.9	21.4	11.1	35.4	28.6	8.0	10.3	16.3	15.8

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 16. LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

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

NAME	IA1	NJ1	OK1	QE1	WA1	MEAN
D04 11T	8.0	7.7	9.0	6.0	8.0	7.7
D04 1667	8.0	7.7	9.0	6.0	8.0	7.7
DERBY XTREME (IS PR 268)	8.0	7.7	9.0	6.0	8.0	7.7
DP1	8.0	7.7	9.0	6.0	8.0	7.7
EXACTA II GLSR (LTP 611 GLSR)	8.0	7.7	9.0	6.0	8.0	7.7
RNS	8.0	7.7	8.7	6.0	8.0	7.7
D04 UP	8.0	7.3	9.0	6.0	8.0	7.7
FIESTA 4 (PICK F4)	8.0	7.3	9.0	6.0	8.0	7.7
GL 2	8.0	7.3	9.0	6.0	8.0	7.7
HARRIER (SRX 4UP3)	8.0	7.3	8.7	6.3	8.0	7.7
KOKOMO II (IS-PR 235)	8.0	7.3	9.0	6.0	8.0	7.7
MMW	8.0	7.3	9.0	6.0	8.0	7.7
PRIMARY (IS PR 269)	8.0	7.3	9.0	6.0	8.0	7.7
PROTEGE GLR	8.0	7.3	8.3	6.7	8.0	7.7
ATTRIBUTE (IS-PR 270)	8.0	7.3	8.7	6.0	8.0	7.6
PALACE (IS PR 273)	8.0	7.0	8.7	6.3	8.0	7.6
REVENGE GLX (JR 348)	8.0	7.0	9.0	6.0	8.0	7.6
HOMERUN (RG3P)	8.0	6.7	9.0	6.3	8.0	7.6
SR 4600 (SRX 4SP)	8.0	7.3	8.7	6.0	8.0	7.6
APPLE GL (AAZ B104)	8.0	6.7	9.0	6.0	8.0	7.5
FUSION	8.0	6.7	9.0	6.0	8.0	7.5
STELLAR GL (IS PR 236)	8.0	6.7	9.0	6.0	8.0	7.5
KEYSTONE 2 (IS PR 312)	8.0	6.7	9.0	6.0	8.0	7.5
LINE DRIVE GLS (APR 1797)	8.0	6.7	9.0	6.0	8.0	7.5
PARAGON GLR	8.0	7.7	8.0	6.0	8.0	7.5
RAD PR8	8.0	6.7	9.0	6.0	8.0	7.5
REGAL 5 (IS PR 271)	8.0	7.7	8.0	6.0	8.0	7.5
\$ILVER DOLLAR	8.0	7.0	9.0	6.0	7.7	7.5
1G2 (APR 1664)	8.0	7.0	8.7	6.0	8.0	7.5
PANTHER GLS	8.0	6.3	9.0	6.3	8.0	7.5
AMAZING GS (IS-PR 276)	8.0	7.7	8.0	6.0	7.7	7.5
PALMER IV	8.0	7.0	8.3	6.0	8.0	7.5
SECRETARIAT II GLSR (LTP 101 GLSR)	8.0	6.7	9.0	6.0	7.7	7.5
PHENOM (APR 1660)	8.0	6.0	9.0	6.3	8.0	7.5
BUENA VISTA	8.0	6.3	9.0	6.0	8.0	7.5
GPR	8.0	6.3	9.0	6.0	8.0	7.5
LCK	8.0	6.7	8.3	6.3	8.0	7.5
PICK RB 1	8.0	7.3	8.0	6.0	8.0	7.5
PLEASURE SUPREME (PM 103)	8.0	6.0	9.0	6.3	8.0	7.5
PST 2AG4	8.0	6.0	9.0	6.3	8.0	7.5
AC2	8.0	6.0	9.0	6.0	8.0	7.4
ALL*STAR 3 (IS PR 274)	8.0	7.0	8.3	6.0	7.7	7.4
APR 1670	8.0	6.0	9.0	6.0	8.0	7.4
ASP6006 (LPFG)	8.0	6.0	9.0	6.0	8.0	7.4
BAR LP 4420	8.0	6.0	9.0	6.0	8.0	7.4
CHARISMATIC II GLSR (LTP PG GLSR)	8.0	6.7	9.0	6.0	7.3	7.4

TABLE 16. LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

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

NAME	IA1	NJ1	OK1	QE1	WA1	MEAN
GALATTI (DP 17 9502)	8.0	6.0	9.0	6.0	8.0	7.4
MS2	8.0	6.3	8.7	6.0	8.0	7.4
OVERDRIVE	8.0	6.3	8.7	6.0	8.0	7.4
DELAWARE XL (PICK 01-2)	8.0	6.0	9.0	6.0	8.0	7.4
PINNACLE II	8.0	6.0	9.0	6.0	8.0	7.4
WIND DANCE 2 (PWDR)	8.0	6.0	9.0	6.0	8.0	7.4
REPELL GLS	8.0	6.3	8.7	6.0	8.0	7.4
SRX 4692	8.0	6.0	9.0	6.0	8.0	7.4
DART (APR 1663)	8.0	5.7	9.0	6.0	8.0	7.3
ASP6002 (BPR)	8.0	5.7	9.0	6.0	8.0	7.3
DP 17 9499	8.0	5.7	9.0	6.0	8.0	7.3
GRAY STAR (PST 2LGL)	8.0	5.7	9.0	6.0	8.0	7.3
PM 101	8.0	5.7	9.0	6.0	8.0	7.3
PS 2	8.0	5.7	8.7	6.3	8.0	7.3
QUICKSILVER	8.0	5.7	9.0	6.0	8.0	7.3
AF	8.0	6.3	8.3	6.0	8.0	7.3
ASP6004 (EXS54)	8.0	6.3	8.3	6.0	8.0	7.3
E 99	8.0	6.0	8.7	6.0	8.0	7.3
PICK 02 R	8.0	6.0	9.0	6.3	7.3	7.3
PST 2GSM	8.0	6.0	8.7	6.0	8.0	7.3
PST 2MNG	8.0	6.3	8.7	6.0	7.7	7.3
FIREBOLT (PRG HS 01 09)	8.0	5.5	9.0	6.0	8.0	7.3
APR 1648	8.0	5.7	8.7	6.0	8.0	7.3
ASP6005 (AJM)	8.0	6.0	8.3	6.0	8.0	7.3
BAR LP 4920	8.0	5.7	8.7	6.0	8.0	7.3
ES45	8.0	5.7	8.7	6.0	8.0	7.3
MACH I	8.0	6.0	8.3	6.0	8.0	7.3
MANHATTAN 5 GLR (PST 2AM)	8.0	5.7	8.7	6.0	8.0	7.3
VB99	8.0	5.7	8.7	6.0	8.0	7.3
04 BEN	8.0	5.3	9.0	6.0	8.0	7.3
D04 LP05	8.0	5.3	9.0	6.0	8.0	7.3
HALO (KN42)	8.0	5.3	9.0	6.0	8.0	7.3
PIANIST (DP 17 9505)	8.0	5.3	9.0	6.0	8.0	7.3
PIZZAZZ	8.0	5.3	9.0	6.0	8.0	7.3
PRESIDIO (CNV)	8.0	5.3	9.0	6.0	8.0	7.3
SP4	8.0	5.3	9.0	6.0	8.0	7.3
TR47	8.0	5.3	9.0	6.0	8.0	7.3
VB77	8.0	5.3	9.0	6.0	8.0	7.3
ASP6003 (TRS)	8.0	5.7	8.3	6.0	8.0	7.2
BARLENNIUM	8.0	5.0	9.0	6.0	8.0	7.2
BRIGHTSTAR SLT	8.0	5.0	9.0	6.0	8.0	7.2
CADDIESHACK II (JR 163)	8.0	5.0	9.0	6.0	8.0	7.2
CITATION FORE	8.0	5.3	9.0	6.0	7.7	7.2
DP 17 9788	8.0	5.3	9.0	6.0	7.7	7.2
HEADSTART 2	8.0	5.3	8.7	6.0	8.0	7.2
INSPIRE	8.0	5.0	9.0	6.0	8.0	7.2

TABLE 16. LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

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

NAME	IA1	NJ1	OK1	QE1	WA1	MEAN
CABO II (IS-PR 233)	8.0	6.3	7.7	6.0	8.0	7.2
LA QUINTA (JR 255)	8.0	5.0	9.0	6.0	8.0	7.2
PALMER III	8.0	5.0	9.0	6.0	8.0	7.2
PM 102	8.0	5.7	8.3	6.0	8.0	7.2
PST 217	8.0	5.0	9.0	6.0	8.0	7.2
PST 2LAN	8.0	5.0	9.0	6.0	8.0	7.2
SRX 4682	7.7	6.0	9.0	6.0	7.3	7.2
SUNSHINE 2	8.0	5.0	9.0	6.0	8.0	7.2
TOP GUN II (JR 324)	8.0	5.0	9.0	6.0	8.0	7.2
04 BRE	8.0	4.7	9.0	6.0	8.0	7.1
GOALKEEPER II (JR 114)	8.0	4.7	9.0	6.0	8.0	7.1
PANTHER	8.0	4.7	9.0	6.0	8.0	7.1
ASP6001 (RTS)	8.0	5.0	9.0	6.0	7.7	7.1
DCM	8.0	5.7	8.3	6.0	7.7	7.1
SNR	8.0	5.0	9.0	6.0	7.7	7.1
PST 2BLK	8.0	5.0	9.0	6.0	7.3	7.1
ACCENT II (JR 119)	8.0	4.3	9.0	6.0	8.0	7.1
BAR LP 4317	8.0	4.3	9.0	6.0	8.0	7.1
L44	8.0	5.3	8.3	6.0	7.7	7.1
MONTEREY 3 (JR 408)	8.0	4.3	9.0	6.0	8.0	7.1
PENTIUM	8.0	4.7	8.7	6.0	7.7	7.0
PREMIER II	8.0	4.7	8.7	6.0	7.7	7.0
AFFINITY	7.7	4.7	8.3	6.0	7.7	6.9
LPR 02203	8.0	3.3	9.0	6.0	8.0	6.9
PREMIER	7.0	3.3	8.7	6.0	7.3	6.5
PINNACLE	7.3	3.0	8.0	6.0	7.0	6.3
LINN	5.7	1.0	7.0	5.7	6.7	5.2
LSD VALUE	0.2	1.2	0.7	0.3	0.5	0.3
C.V. (%)	1.3	12.0	5.2	3.0	3.6	5.6

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

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

TABLE 17. SEEDLING VIGOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

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

NAME	MN1	ND1	NY1	OR1	RI1	WA1	MEAN
RNS	7.0	6.0	7.0	6.3	6.0	5.7	6.3
FIREBOLT (PRG HS 01 09)	7.0	6.0	7.0	6.0	6.3	5.0	6.2
APPLE GL (AAZ B104)	6.7	6.0	7.3	6.0	5.7	5.3	6.2
ALL*STAR 3 (IS PR 274)	7.0	6.0	7.0	5.7	6.0	5.3	6.2
PANTHER GLS	6.0	6.0	7.7	5.7	6.3	5.3	6.2
PROTEGE GLR	6.0	6.0	7.3	6.7	5.3	5.7	6.2
RAD PR8	6.3	6.0	7.3	5.7	5.3	6.3	6.2
BAR LP 4920	6.7	6.0	7.0	5.3	5.7	6.0	6.1
MACH I	7.0	6.0	6.7	5.0	5.7	6.3	6.1
PENTIUM	7.0	6.0	7.3	5.0	5.3	6.0	6.1
PREMIER	6.7	6.7	7.0	5.3	5.3	5.7	6.1
AFFINITY	7.0	6.7	7.3	5.0	4.0	6.3	6.1
ASP6003 (TRS)	5.7	6.0	7.0	5.0	7.0	5.7	6.1
BUENA VISTA	6.3	6.0	7.0	5.7	5.7	5.7	6.1
D04 11T	6.7	6.0	7.3	5.7	5.3	5.3	6.1
EXACTA II GLSR (LTP 611 GLSR)	5.7	6.0	7.0	5.7	6.3	5.7	6.1
GL 2	6.7	6.3	6.7	5.0	6.0	5.7	6.1
LCK	6.7	6.0	7.7	5.0	5.3	5.7	6.1
LINN	6.7	7.3	6.7	4.0	5.0	6.7	6.1
OVERDRIVE	5.7	6.0	7.7	5.7	5.7	5.7	6.1
PM 101	6.3	6.0	6.7	5.7	5.7	6.0	6.1
PS 2	6.3	6.0	7.0	4.7	6.7	5.7	6.1
PICK 02 R	7.7	6.0	7.0	5.3	5.3	5.0	6.1
REGAL 5 (IS PR 271)	5.3	6.0	7.3	6.3	6.0	5.3	6.1
DERBY XTREME (IS PR 268)	5.7	6.0	7.0	5.7	5.3	6.3	6.0
DP1	7.0	6.0	7.0	5.0	5.3	5.7	6.0
KEYSTONE 2 (IS PR 312)	6.3	6.0	6.7	5.3	5.3	6.3	6.0
MONTEREY 3 (JR 408)	6.7	6.0	7.0	4.3	6.3	5.7	6.0
SR 4600 (SRX 4SP)	6.0	6.3	7.3	5.0	5.7	5.7	6.0
VB99	6.0	6.0	7.3	4.3	6.3	6.0	6.0
D04 LP05	5.0	6.3	7.3	5.3	6.3	5.7	6.0
MS2	5.7	6.0	7.3	5.0	5.7	6.0	5.9
BRIGHTSTAR SLT	6.7	6.0	7.3	4.7	5.3	5.7	5.9
ATTRIBUTE (IS-PR 270)	5.3	6.0	7.0	5.3	6.3	5.7	5.9
PICK RB 1	7.3	6.0	6.7	5.7	4.3	5.7	5.9
PRIMARY (IS PR 269)	6.3	6.0	6.7	5.3	5.7	5.7	5.9
PST 2LAN	5.3	6.7	7.0	5.3	5.3	6.0	5.9
SUNSHINE 2	6.3	6.0	6.7	5.3	5.7	5.7	5.9
HALO (KN42)	6.0	6.0	8.0	4.0	5.7	5.7	5.9
INSPIRE	6.3	6.0	7.0	4.7	5.0	6.3	5.9
PALMER IV	5.3	6.0	7.7	5.3	5.7	5.3	5.9
DART (APR 1663)	6.3	6.3	6.7	4.7	5.3	6.0	5.9
CITATION FORE	6.3	6.0	7.0	5.3	5.3	5.3	5.9
LPR 02203	6.3	6.3	7.0	4.0	5.7	6.0	5.9
PANTHER	6.3	6.3	7.0	4.7	4.3	6.7	5.9

TABLE 17. SEEDLING VIGOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

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

NAME	MN1	ND1	NY1	OR1	RI1	WA1	MEAN
DELAWARE XL (PICK 01-2)	6.0	6.0	7.3	4.0	5.3	6.7	5.9
PREMIER II	6.3	6.0	7.7	4.3	5.0	6.0	5.9
REVENGE GLX (JR 348)	6.3	6.0	6.7	5.3	5.3	5.7	5.9
AF	7.0	6.0	7.0	4.7	5.0	5.3	5.8
1G2 (APR 1664)	5.3	6.3	7.0	4.0	5.7	6.7	5.8
ASP6002 (BPR)	6.0	6.0	6.7	4.0	6.7	5.7	5.8
FUSION	5.7	6.0	7.3	5.3	6.3	4.3	5.8
MANHATTAN 5 GLR (PST 2AM)	6.0	6.0	7.0	4.7	6.0	5.3	5.8
PINNACLE	5.3	6.3	7.3	5.3	5.7	5.0	5.8
PIZZAZZ	6.0	6.0	7.0	5.3	4.7	6.0	5.8
PLEASURE SUPREME (PM 103)	5.3	6.0	6.7	5.0	6.7	5.3	5.8
WIND DANCE 2 (PWDR)	5.7	6.0	7.7	4.3	5.7	5.7	5.8
REPELL GLS	6.3	6.0	7.0	5.3	4.3	6.0	5.8
BARLENNIUM	5.7	6.0	6.0	5.0	6.0	6.0	5.8
GOALKEEPER II (JR 114)	6.0	6.0	8.0	4.0	5.7	5.0	5.8
PST 2GSM	6.7	6.0	6.7	4.0	6.0	5.3	5.8
HOMERUN (RG3P)	5.7	6.0	6.7	5.7	5.3	5.3	5.8
ACCENT II (JR 119)	6.0	6.0	7.0	5.0	5.3	5.3	5.8
PHENOM (APR 1660)	6.0	6.0	7.0	4.3	4.7	6.7	5.8
HARRIER (SRX 4UP3)	6.0	6.3	7.3	4.3	5.0	5.7	5.8
AMAZING GS (IS-PR 276)	6.3	6.0	7.3	5.0	5.0	5.0	5.8
PM 102	5.3	6.0	7.3	5.0	5.7	5.3	5.8
\$ILVER DOLLAR	5.7	6.0	7.0	4.7	5.3	5.7	5.7
APR 1670	6.7	6.0	7.0	5.3	4.7	4.7	5.7
ASP6005 (AJM)	5.0	6.0	6.7	4.7	6.3	5.7	5.7
L44	5.0	6.0	7.3	4.7	6.0	5.3	5.7
PARAGON GLR	6.7	6.0	6.7	6.0	3.3	5.7	5.7
04 BRE	5.0	6.0	6.7	5.3	6.3	5.0	5.7
E 99	4.7	6.3	7.3	4.0	6.3	5.7	5.7
HEADSTART 2	6.0	6.0	6.0	5.3	5.3	5.7	5.7
CABO II (IS-PR 233)	5.7	6.0	7.3	5.0	5.3	5.0	5.7
MMW	6.3	6.0	6.3	5.0	5.0	5.7	5.7
VB77	5.3	6.0	7.3	4.7	5.0	6.0	5.7
BAR LP 4420	4.3	6.0	7.0	5.3	5.7	5.7	5.7
D04 UP	4.3	6.0	7.0	4.7	6.0	6.0	5.7
STELLAR GL (IS PR 236)	5.7	6.0	7.0	4.3	5.7	5.3	5.7
SNR	6.0	6.0	7.3	4.3	5.0	5.3	5.7
SP4	5.0	6.0	7.7	4.0	6.0	5.3	5.7
SRX 4682	6.0	6.0	7.7	3.7	5.0	5.7	5.7
TOP GUN II (JR 324)	5.7	6.0	7.0	4.3	5.3	5.7	5.7
PINNACLE II	5.7	6.0	7.0	3.7	5.7	5.7	5.6
PST 217	5.7	6.0	7.0	4.0	5.7	5.3	5.6
APR 1648	6.3	6.0	6.7	5.3	4.3	5.0	5.6
PRESIDIO (CNV)	6.0	6.0	7.0	4.3	4.7	5.7	5.6
PST 2MNG	6.0	4.7	7.3	4.3	5.7	5.7	5.6
ASP6006 (LPFG)	4.3	6.3	7.0	4.7	5.7	5.3	5.6

TABLE 17. SEEDLING VIGOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

SEEDLING VIGOR RATINGS 1 9; 9=MAXIMUM VIGOR 2/							
NAME	MN1	ND1	NY1	OR1	RI1	WA1	MEAN
PALACE (IS PR 273)	5.7	6.0	5.3	4.7	5.7	6.0	5.6
ASP6004 (EXS54)	5.3	6.0	6.7	4.3	5.0	6.0	5.6
CADDIESHACK II (JR 163)	5.7	6.0	7.3	4.0	5.3	5.0	5.6
D04 1667	6.0	6.3	5.7	5.3	5.0	5.0	5.6
ES45	4.3	6.0	7.3	4.3	5.3	6.0	5.6
FIESTA 4 (PICK F4)	5.3	6.0	7.0	5.0	4.3	5.7	5.6
CHARISMATIC II GLSR (LTP PG GLSR)	5.0	6.0	7.3	4.0	5.3	5.3	5.5
DCM	6.0	6.0	6.7	5.0	3.7	5.7	5.5
GPR	5.3	6.0	7.0	4.3	4.7	5.7	5.5
KOKOMO II (IS-PR 235)	6.0	6.0	5.7	6.0	4.0	5.3	5.5
LINE DRIVE GLS (APR 1797)	5.0	6.0	6.3	6.3	4.3	5.0	5.5
QUICKSILVER	5.0	6.0	7.0	4.3	5.0	5.7	5.5
04 BEN	4.7	6.0	7.0	4.7	5.7	4.7	5.4
TR47	4.7	5.7	7.3	3.7	5.7	5.7	5.4
DP 17 9788	5.3	6.0	7.0	4.0	5.0	5.3	5.4
SECRETARIAT II GLSR (LTP 101 GLSR)	5.0	6.0	7.0	4.3	5.0	5.3	5.4
GRAY STAR (PST 2LGL)	4.7	6.0	7.3	4.3	3.7	6.3	5.4
LA QUINTA (JR 255)	5.7	6.0	6.7	3.7	6.0	4.3	5.4
GALATTI (DP 17 9502)	4.3	6.0	7.3	4.7	5.0	5.0	5.4
PST 2BLK	5.0	6.0	6.7	4.3	5.3	5.0	5.4
ASP6001 (RTS)	5.0	6.0	7.0	4.0	4.7	5.3	5.3
PALMER III	5.0	6.0	6.7	4.3	5.7	4.3	5.3
PIANIST (DP 17 9505)	5.0	6.0	7.3	4.3	5.0	4.3	5.3
BAR LP 4317	4.3	6.3	6.3	4.0	5.3	5.3	5.3
DP 17 9499	4.7	6.0	7.3	4.0	4.0	5.7	5.3
PST 2AG4	5.0	4.7	7.0	3.3	6.7	5.0	5.3
SRX 4692	4.3	6.0	6.7	4.0	5.3	5.3	5.3
AC2	4.3	6.0	6.0	5.0	5.0	5.0	5.2
LSD VALUE	1.5	0.6	1.1	1.3	1.3	1.2	0.5
C.V. (%)	16.2	6.6	10.0	16.6	15.1	13.4	13.0

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

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

TABLE 18.

 SPRING DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 2005 DATA

DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/

NAME	ND1	NE1	MEAN	NAME	ND1	NE1	MEAN
1G2 (APR 1664)	6.0	8.3	7.2	ES45	4.7	8.0	6.3
MACH I	5.0	9.0	7.0	FIESTA 4 (PICK F4)	4.7	8.0	6.3
PALMER IV	5.0	9.0	7.0	HEADSTART 2	4.3	8.3	6.3
ACCENT II (JR 119)	4.7	9.0	6.8	ATTRIBUTE (IS-PR 270)	4.7	8.0	6.3
HARRIER (SRX 4UP3)	5.3	8.3	6.8	L44	5.0	7.7	6.3
PARAGON GLR	4.7	9.0	6.8	PANTHER GLS	4.3	8.3	6.3
REVENGE GLX (JR 348)	5.3	8.3	6.8	PST 2GSM	4.3	8.3	6.3
RNS	4.7	9.0	6.8	SECRETARIAT II GLSR (LTP 101 GLSR)	4.7	8.0	6.3
PICK 02 R	5.0	8.7	6.8	\$ILVER DOLLAR	4.0	8.7	6.3
PRIMARY (IS PR 269)	5.0	8.7	6.8	E 99	4.0	8.7	6.3
STELLAR GL (IS PR 236)	5.0	8.3	6.7	MMW	4.0	8.7	6.3
PIZZAZZ	5.0	8.3	6.7	PINNACLE II	3.7	9.0	6.3
HOMERUN (RG3P)	5.0	8.3	6.7	PM 102	4.0	8.7	6.3
SUNSHINE 2	5.0	8.3	6.7	REPELL GLS	4.0	8.7	6.3
VB77	5.0	8.3	6.7	TOP GUN II (JR 324)	4.0	8.7	6.3
DCM	4.7	8.7	6.7	D04 11T	4.0	8.3	6.2
GL 2	4.3	9.0	6.7	MONTEREY 3 (JR 408)	4.0	8.3	6.2
KEYSTONE 2 (IS PR 312)	4.7	8.7	6.7	OVERDRIVE	4.0	8.3	6.2
DELAWARE XL (PICK 01-2)	4.3	9.0	6.7	PM 101	4.0	8.3	6.2
PRESIDIO (CNV)	4.3	9.0	6.7	PST 2MNG	4.0	8.3	6.2
PROTEGE GLR	5.3	8.0	6.7	RAD PR8	4.0	8.3	6.2
WIND DANCE 2 (PWDR)	4.7	8.7	6.7	SR 4600 (SRX 4SP)	4.0	8.3	6.2
DART (APR 1663)	4.3	8.7	6.5	AFFINITY	4.3	8.0	6.2
ASP6001 (RTS)	4.0	9.0	6.5	PHENOM (APR 1660)	4.3	8.0	6.2
BAR LP 4317	4.7	8.3	6.5	ASP6006 (LPFG)	5.0	7.3	6.2
BAR LP 4420	4.3	8.7	6.5	MS2	4.3	8.0	6.2
BUENA VISTA	4.7	8.3	6.5	PALMER III	3.7	8.7	6.2
CITATION FORE	4.3	8.7	6.5	QUICKSILVER	3.7	8.7	6.2
D04 1667	4.7	8.3	6.5	ALL*STAR 3 (IS PR 274)	3.0	9.0	6.0
GALATTI (DP 17 9502)	4.7	8.3	6.5	APR 1648	3.3	8.7	6.0
GPR	4.7	8.3	6.5	BRIGHTSTAR SLT	4.3	7.7	6.0
GRAY STAR (PST 2LGL)	4.3	8.7	6.5	CADDIESHACK II (JR 163)	4.3	7.7	6.0
INSPIRE	4.7	8.3	6.5	D04 UP	3.3	8.7	6.0
AMAZING GS (IS-PR 276)	4.7	8.3	6.5	DERBY XTREME (IS PR 268)	3.0	9.0	6.0
PICK RB 1	4.3	8.7	6.5	DP 17 9499	3.3	8.7	6.0
PLEASURE SUPREME (PM 103)	4.3	8.7	6.5	FUSION	4.3	7.7	6.0
PST 217	4.7	8.3	6.5	LA QUINTA (JR 255)	4.3	7.7	6.0
PST 2LAN	4.7	8.3	6.5	MANHATTAN 5 GLR (PST 2AM)	3.7	8.3	6.0
SP4	5.0	8.0	6.5	PIANIST (DP 17 9505)	3.0	9.0	6.0
TR47	4.3	8.7	6.5	PST 2AG4	3.3	8.7	6.0
O4 BEN	4.3	8.3	6.3	ASP6004 (EXS54)	3.3	8.3	5.8
APPLE GL (AAZ B104)	4.7	8.0	6.3	PANTHER	3.3	8.3	5.8
AF	4.3	8.3	6.3	PREMIER II	3.3	8.3	5.8
CHARISMATIC II GLSR (LTP PG GLSR)	4.7	8.0	6.3	SNR	3.3	8.3	5.8
DP1	4.3	8.3	6.3	BAR LP 4920	3.0	8.7	5.8
				GOALKEEPER II (JR 114)	3.7	8.0	5.8

TABLE 18. SPRING DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
(CONT'D) 2005 DATA

DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY

NAME	ND1	NE1	MEAN
LCK	3.7	8.0	5.8
SRX 4682	3.7	8.0	5.8
VB99	3.7	8.0	5.8
APR 1670	3.3	8.0	5.7
ASP6003 (TRS)	3.0	8.3	5.7
ASP6005 (AJM)	3.0	8.3	5.7
BARLENNIUM	3.7	7.7	5.7
D04 LP05	3.7	7.7	5.7
FIREBOLT (PRG HS 01 09)	3.0	8.3	5.7
HALO (KN42)	3.3	8.0	5.7
KOKOMO II (IS-PR 235)	3.3	8.0	5.7
LINE DRIVE GLS (APR 1797)	3.3	8.0	5.7
PENTIUM	3.7	7.7	5.7
PST 2BLK	3.7	7.7	5.7
EXACTA II GLSR (LTP 611 GLSR)	2.7	8.7	5.7
PINNACLE	4.0	7.3	5.7
PS 2	2.7	8.7	5.7
04 BRE	3.0	8.0	5.5
ASP6002 (BPR)	3.3	7.7	5.5
DP 17 9788	2.7	8.3	5.5
CABO II (IS-PR 233)	2.3	8.7	5.5
PALACE (IS PR 273)	2.7	8.3	5.5
PREMIER	3.0	8.0	5.5
SRX 4692	3.3	7.7	5.5
AC2	2.0	8.3	5.2
LPR 02203	1.7	8.7	5.2
REGAL 5 (IS PR 271)	1.7	8.0	4.8
LINN	1.0	6.3	3.7
LSD VALUE	1.7	1.0	1.0
C.V. (%)	26.7	7.1	14.0

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 19. SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

NAME	DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/					MEAN
	MI1	ND1	NE1	OK1	QE1	
HOMERUN (RG3P)	6.7	7.0	9.0	9.0	7.7	7.9
SR 4600 (SRX 4SP)	6.7	6.3	9.0	8.7	7.7	7.7
MACH I	6.3	6.3	8.7	9.0	7.7	7.6
KEYSTONE 2 (IS PR 312)	6.3	6.0	8.7	9.0	7.7	7.5
PARAGON GLR	6.7	5.7	9.0	8.7	7.7	7.5
AF	6.0	6.3	8.7	9.0	7.3	7.5
DO4 11T	6.7	6.0	8.7	8.3	7.7	7.5
GL 2	5.7	6.0	9.0	9.0	7.7	7.5
DART (APR 1663)	6.3	5.3	9.0	9.0	7.7	7.5
CHARISMATIC II GLSR (LTP PG GLSR)	6.3	6.0	8.7	8.7	7.7	7.5
PRIMARY (IS PR 269)	6.3	5.7	8.7	9.0	7.7	7.5
1G2 (APR 1664)	6.7	6.0	8.7	8.7	7.0	7.4
DO4 1667	5.7	6.3	8.7	9.0	7.3	7.4
PIZZAZZ	6.3	6.0	8.7	8.3	7.7	7.4
INSPIRE	6.0	5.7	8.7	9.0	7.3	7.3
AMAZING GS (IS-PR 276)	6.7	5.3	8.3	9.0	7.3	7.3
PALMER IV	4.7	6.7	9.0	9.0	7.3	7.3
PLEASURE SUPREME (PM 103)	6.0	6.0	9.0	8.3	7.3	7.3
ACCENT II (JR 119)	6.0	6.0	8.7	9.0	7.0	7.3
CITATION FORE	5.3	6.3	8.7	9.0	7.3	7.3
DO4 UP	6.0	5.3	8.7	9.0	7.7	7.3
FIESTA 4 (PICK F4)	5.0	6.7	8.3	9.0	7.7	7.3
GOALKEEPER II (JR 114)	6.3	6.3	8.0	8.3	7.7	7.3
PM 101	5.7	6.3	8.7	9.0	7.0	7.3
REVENGE GLX (JR 348)	5.7	6.3	8.7	8.7	7.3	7.3
APPLE GL (AAZ B104)	6.3	5.3	8.3	9.0	7.3	7.3
ASP6006 (LPFG)	5.3	6.7	7.7	9.0	7.7	7.3
BRIGHTSTAR SLT	6.7	6.3	8.0	8.3	7.0	7.3
DCM	6.0	5.0	9.0	9.0	7.3	7.3
E 99	6.0	6.0	8.7	8.3	7.3	7.3
STELLAR GL (IS PR 236)	5.7	5.7	8.3	9.0	7.7	7.3
ATTRIBUTE (IS-PR 270)	6.0	6.0	8.3	8.7	7.3	7.3
MMW	5.7	6.0	8.7	8.3	7.7	7.3
DELAWARE XL (PICK 01-2)	5.7	6.0	9.0	8.7	7.0	7.3
PICK 02 R	5.7	6.0	8.7	8.7	7.3	7.3
PICK RB 1	5.7	5.7	8.7	9.0	7.3	7.3
PROTEGE GLR	5.7	6.3	8.3	8.7	7.3	7.3
BUENA VISTA	6.3	5.3	8.7	8.3	7.7	7.3
DERBY XTREME (IS PR 268)	6.3	4.7	9.0	8.7	7.7	7.3
KOKOMO II (IS-PR 235)	6.0	5.3	8.3	9.0	7.7	7.3
PST 2LAN	6.0	5.7	8.7	8.3	7.3	7.2
BAR LP 4317	5.0	5.7	8.7	9.0	7.7	7.2
CADDIESHACK II (JR 163)	6.3	5.7	8.0	8.3	7.7	7.2
EXACTA II GLSR (LTP 611 GLSR)	5.3	5.7	8.7	9.0	7.3	7.2
LCK	6.0	5.3	8.3	9.0	7.3	7.2

TABLE 19. SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

NAME	DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/					MEAN
	MI1	ND1	NE1	OK1	QE1	
LINE DRIVE GLS (APR 1797)	5.7	5.3	8.3	9.0	7.7	7.2
OVERDRIVE	5.7	5.3	8.7	9.0	7.3	7.2
PRESIDIO (CNV)	5.3	5.7	9.0	8.7	7.3	7.2
PS 2	6.7	4.3	8.7	9.0	7.3	7.2
PST 2MNG	6.0	5.3	8.7	8.7	7.3	7.2
RNS	5.3	5.7	9.0	8.7	7.3	7.2
SECRETARIAT II GLSR (LTP 101 GLSR)	6.0	6.0	8.3	8.0	7.7	7.2
SUNSHINE 2	5.3	6.3	8.3	8.7	7.3	7.2
TR47	5.3	6.0	8.7	8.7	7.3	7.2
VB77	5.7	6.0	8.3	8.7	7.3	7.2
VB99	6.3	6.0	7.3	9.0	7.3	7.2
GRAY STAR (PST 2LGL)	6.3	5.3	8.0	8.7	7.7	7.2
04 BRE	4.7	6.3	8.3	9.0	7.3	7.1
ASP6001 (RTS)	5.0	5.7	8.7	9.0	7.3	7.1
DP1	5.7	5.7	8.3	9.0	7.0	7.1
MANHATTAN 5 GLR (PST 2AM)	6.0	5.3	8.7	8.3	7.3	7.1
PST 2GSM	5.7	5.7	8.3	9.0	7.0	7.1
ALL*STAR 3 (IS PR 274)	5.3	4.7	9.0	9.0	7.7	7.1
PHENOM (APR 1660)	5.0	5.7	8.7	8.7	7.7	7.1
ASP6004 (EXS54)	5.3	5.7	8.0	9.0	7.7	7.1
PST 2BLK	5.3	6.3	8.0	9.0	7.0	7.1
04 BEN	5.3	5.7	9.0	8.3	7.0	7.1
ASP6005 (AJM)	4.7	6.7	8.3	9.0	6.7	7.1
BAR LP 4420	6.0	4.7	8.3	9.0	7.3	7.1
BAR LP 4920	5.7	5.7	8.3	8.3	7.3	7.1
MONTEREY 3 (JR 408)	5.7	6.0	8.0	8.3	7.3	7.1
MS2	4.7	6.3	8.0	9.0	7.3	7.1
PALACE (IS PR 273)	5.7	4.7	8.7	9.0	7.3	7.1
PANTHER	6.0	4.7	8.3	9.0	7.3	7.1
PST 217	5.7	5.7	8.3	8.3	7.3	7.1
RAD PR8	5.7	5.7	8.3	8.7	7.0	7.1
REPELL GLS	5.0	5.7	8.7	8.7	7.3	7.1
PANTHER GLS	5.0	5.3	9.0	9.0	7.0	7.1
WIND DANCE 2 (PWDR)	5.3	5.7	8.7	8.0	7.7	7.1
REGAL 5 (IS PR 271)	6.3	4.3	8.0	9.0	7.7	7.1
ASP6003 (TRS)	5.3	5.7	8.0	9.0	7.0	7.0
D04 LP05	6.0	5.3	8.3	8.0	7.3	7.0
HEADSTART 2	5.0	6.0	8.0	8.7	7.3	7.0
CABO II (IS-PR 233)	6.3	5.0	7.7	8.7	7.3	7.0
LA QUINTA (JR 255)	4.3	6.7	7.7	8.7	7.7	7.0
PINNACLE II	4.0	6.0	8.7	9.0	7.3	7.0
SP4	4.7	6.3	8.0	8.3	7.7	7.0
GPR	5.0	5.7	8.3	8.3	7.3	6.9
TOP GUN II (JR 324)	6.0	4.7	8.0	9.0	7.0	6.9
\$ILVER DOLLAR	5.0	5.3	9.0	8.0	7.3	6.9
APR 1670	4.7	5.7	8.0	8.7	7.7	6.9

TABLE 19. SUMMER DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

NAME	DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/					MEAN
	MI1	ND1	NE1	OK1	QE1	
HARRIER (SRX 4UP3)	5.0	5.3	8.3	8.7	7.3	6.9
QUICKSILVER	5.3	5.0	8.0	9.0	7.3	6.9
SNR	5.3	5.0	8.3	8.7	7.3	6.9
ASP6002 (BPR)	5.0	6.0	7.7	8.3	7.3	6.9
FUSION	5.0	5.0	8.0	9.0	7.3	6.9
L44	5.3	5.3	7.3	9.0	7.3	6.9
PENTIUM	5.7	5.0	8.0	8.3	7.3	6.9
APR 1648	4.3	5.3	8.3	8.7	7.3	6.8
PREMIER II	5.0	4.7	8.7	9.0	6.7	6.8
AFFINITY	5.7	5.3	8.3	7.7	6.7	6.7
FIREBOLT (PRG HS 01 09)	5.3	4.3	8.3	8.3	7.3	6.7
PALMER III	5.0	4.7	9.0	8.0	7.0	6.7
ES45	4.3	6.0	8.0	8.7	6.7	6.7
PIANIST (DP 17 9505)	4.3	4.0	8.7	9.0	7.3	6.7
BARLENNIUM	4.7	5.0	8.3	8.7	6.7	6.7
SRX 4692	4.0	5.3	8.0	9.0	7.0	6.7
DP 17 9499	4.0	4.7	8.7	8.3	7.3	6.6
PREMIER	5.7	4.7	8.0	7.7	7.0	6.6
AC2	5.3	3.0	8.3	8.7	7.3	6.5
DP 17 9788	6.0	3.7	8.0	7.7	7.3	6.5
GALATTI (DP 17 9502)	5.3	5.0	7.0	8.3	7.0	6.5
SRX 4682	4.7	4.3	8.0	8.3	7.0	6.5
PM 102	4.0	4.7	8.0	8.0	7.3	6.4
PST 2AG4	3.3	5.0	8.0	8.0	7.3	6.3
HALO (KN42)	4.0	4.7	8.0	7.3	7.3	6.3
LPR 02203	3.7	4.0	8.0	8.0	7.0	6.1
PINNACLE	5.7	4.3	7.3	7.0	6.0	6.1
LINN	5.7	2.3	6.0	4.3	5.7	4.8
LSD VALUE	1.7	1.8	0.9	0.9	0.9	0.6
C.V. (%)	19.3	20.3	6.6	6.8	7.6	11.6

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 20. FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/

NAME	MI1	MN1	ND1	NE1	NJ1	OR1	QE1	MEAN
D04 11T	7.7	5.3	5.7	8.3	8.7	7.0	7.0	7.1
DERBY XTREME (IS PR 268)	7.7	4.7	5.3	9.0	8.0	7.0	7.7	7.0
RNS	6.3	6.3	5.7	8.7	8.0	6.3	7.7	7.0
PROTEGE GLR	7.0	5.7	6.3	7.7	7.0	7.3	7.7	7.0
ALL*STAR 3 (IS PR 274)	7.0	5.7	6.0	7.0	7.7	7.3	7.7	6.9
HOMERUN (RG3P)	6.7	6.0	5.7	8.0	7.3	7.7	7.0	6.9
SR 4600 (SRX 4SP)	7.3	6.3	5.7	7.3	7.3	6.7	7.7	6.9
1G2 (APR 1664)	6.7	6.0	6.0	8.3	7.7	5.7	7.7	6.9
GL 2	6.7	5.3	5.3	8.7	8.0	6.3	7.3	6.8
PICK RB 1	6.7	5.7	6.0	7.7	7.3	7.0	7.3	6.8
EXACTA II GLSR (LTP 611 GLSR)	6.3	5.7	6.0	7.3	7.7	7.0	7.7	6.8
FIESTA 4 (PICK F4)	6.0	4.7	5.7	8.0	8.0	7.0	8.0	6.8
MMW	7.0	6.3	5.3	8.3	7.0	6.0	7.3	6.8
AF	7.0	5.3	6.0	8.3	6.7	6.3	7.7	6.8
ATTRIBUTE (IS-PR 270)	7.0	4.7	5.3	8.0	7.7	6.7	7.7	6.7
PALMER IV	5.3	5.7	6.3	7.3	7.7	7.0	7.3	6.7
REVENGE GLX (JR 348)	5.3	5.3	6.3	8.0	7.7	7.3	6.7	6.7
LCK	6.3	5.3	5.7	7.3	7.0	7.0	7.7	6.6
MACH I	7.0	5.3	5.3	9.0	5.7	6.7	7.3	6.6
PARAGON GLR	6.3	5.0	5.3	8.3	7.3	7.3	6.3	6.6
PALACE (IS PR 273)	7.0	5.3	5.0	7.7	8.0	6.0	7.0	6.6
DP1	6.7	5.0	5.7	7.0	7.7	7.0	6.7	6.5
KOKOMO II (IS-PR 235)	6.0	4.3	5.0	8.3	7.3	7.0	7.7	6.5
PRIMARY (IS PR 269)	6.7	5.3	5.0	7.3	8.0	6.3	7.0	6.5
APPLE GL (AAZ B104)	7.0	5.3	5.0	7.3	6.7	6.7	7.3	6.5
D04 UP	6.3	5.0	4.0	8.7	6.7	7.3	7.3	6.5
DART (APR 1663)	5.7	5.3	5.0	8.7	7.0	6.7	7.0	6.5
HARRIER (SRX 4UP3)	7.0	6.0	5.0	6.3	7.3	6.7	7.0	6.5
KEYSTONE 2 (IS PR 312)	7.0	5.0	5.3	7.0	7.3	6.7	7.0	6.5
APR 1648	6.3	5.7	5.7	8.0	5.3	6.7	7.3	6.4
D04 1667	6.3	4.0	5.7	7.7	7.3	6.7	7.3	6.4
STELLAR GL (IS PR 236)	7.0	5.3	5.0	6.7	7.0	7.0	7.0	6.4
AMAZING GS (IS-PR 276)	7.3	4.7	5.0	6.0	8.3	6.7	7.0	6.4
DCM	6.0	5.3	5.3	8.7	6.0	6.7	7.0	6.4
BUENA VISTA	6.7	5.0	5.0	8.0	6.0	6.7	7.3	6.4
CHARISMATIC II GLSR (LTP PG GLSR)	5.7	4.7	5.0	8.3	7.0	6.7	7.3	6.4
CABO II (IS-PR 233)	7.0	5.0	4.7	7.7	6.3	7.0	7.0	6.4
PM 101	6.3	5.0	5.3	8.3	5.7	7.0	7.0	6.4
SECRETARIAT II GLSR (LTP 101 GLSR)	6.0	5.0	5.3	8.0	6.7	6.0	7.3	6.3
PIZZAZZ	7.3	5.3	5.0	7.3	6.0	6.3	7.0	6.3
LINE DRIVE GLS (APR 1797)	5.0	5.0	5.3	8.0	7.0	6.7	7.0	6.3
PLEASURE SUPREME (PM 103)	5.3	4.7	5.3	8.7	6.3	7.0	6.7	6.3
OVERDRIVE	4.7	4.7	5.7	8.3	6.3	7.0	7.0	6.2
PICK 02 R	7.7	5.0	5.3	7.7	4.0	7.0	7.0	6.2
PST 2LAN	5.7	5.7	4.7	7.7	6.0	6.7	7.3	6.2

TABLE 20.
(CONT'D)FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/

NAME	MI1	MN1	ND1	NE1	NJ1	OR1	QE1	MEAN
PST 2MNG	5.0	4.7	5.3	8.0	6.7	6.7	7.3	6.2
04 BRE	5.3	5.0	6.0	8.0	5.3	7.0	7.0	6.2
BAR LP 4420	5.3	5.7	5.3	8.0	5.7	6.7	7.0	6.2
FUSION	6.0	5.0	5.7	7.7	6.3	5.7	7.0	6.2
GPR	6.3	4.7	5.3	6.7	5.7	7.7	7.0	6.2
PRESIDIO (CNV)	5.3	5.0	5.3	8.3	5.3	7.0	7.0	6.2
PST 2GSM	6.7	4.3	5.3	6.3	7.3	6.3	7.0	6.2
ASP6004 (EXS54)	6.0	5.7	5.3	7.0	5.7	6.3	7.0	6.1
E 99	4.7	4.7	5.7	8.3	6.7	6.0	7.0	6.1
PANTHER GLS	4.7	5.3	5.0	8.0	7.0	6.0	7.0	6.1
DELAWARE XL (PICK 01-2)	6.0	4.7	5.0	8.7	5.7	6.0	7.0	6.1
PST 2AG4	4.7	5.7	5.3	7.3	7.0	6.0	7.0	6.1
REGAL 5 (IS PR 271)	6.0	5.3	4.7	6.3	7.0	6.7	7.0	6.1
VB77	6.0	5.0	5.7	7.3	6.0	6.0	7.0	6.1
\$ILVER DOLLAR	6.0	4.0	5.0	8.0	7.3	6.0	6.7	6.1
SUNSHINE 2	6.0	6.0	5.3	8.0	4.0	7.0	6.7	6.1
04 BEN	5.7	4.3	5.3	8.3	5.0	7.0	7.0	6.1
BAR LP 4920	6.3	6.0	5.0	7.0	4.7	7.0	6.7	6.1
TR47	5.3	5.3	5.0	7.7	5.0	7.0	7.0	6.0
AC2	7.0	5.0	2.7	7.7	6.3	6.3	7.0	6.0
PHENOM (APR 1660)	5.7	3.3	5.3	7.7	6.7	6.3	7.0	6.0
ASP6005 (AJM)	5.3	4.7	5.0	6.7	6.3	7.0	7.0	6.0
D04 LP05	6.7	4.0	5.0	7.3	5.0	7.0	7.0	6.0
ES45	4.7	5.3	5.3	7.3	6.0	6.3	7.0	6.0
MANHATTAN 5 GLR (PST 2AM)	4.7	5.0	4.7	7.7	6.3	6.7	7.0	6.0
MS2	5.3	5.0	5.3	7.0	5.7	6.7	7.0	6.0
RAD PR8	5.3	4.7	5.0	7.3	6.7	6.0	7.0	6.0
PINNACLE II	3.7	5.7	5.0	9.0	5.3	5.7	7.3	6.0
GRAY STAR (PST 2LGL)	5.3	4.7	4.7	6.7	6.0	7.0	7.0	5.9
SNR	5.7	4.7	5.3	6.7	5.3	6.7	7.0	5.9
ASP6006 (LPFG)	5.7	4.7	5.3	6.3	6.3	6.0	7.0	5.9
CITATION FORE	4.7	4.3	5.3	8.0	6.0	6.0	7.0	5.9
DP 17 9499	5.3	5.3	4.7	7.7	5.3	6.0	7.0	5.9
INSPIRE	4.7	5.3	5.0	8.0	5.3	6.3	6.7	5.9
ASP6003 (TRS)	5.3	5.3	4.3	6.3	5.7	7.0	7.0	5.9
PS 2	6.0	5.0	4.3	8.0	4.7	6.7	6.3	5.9
FIREBOLT (PRG HS 01 09)	5.3	4.7	4.3	7.3	4.5	7.3	7.3	5.8
BAR LP 4317	4.7	5.0	5.3	7.7	5.0	6.0	7.0	5.8
APR 1670	4.7	3.3	4.7	8.0	6.7	6.7	6.7	5.8
PST 217	6.3	4.0	5.3	6.7	5.3	6.0	7.0	5.8
REPELL GLS	4.7	4.3	5.3	7.0	6.0	6.3	7.0	5.8
VB99	5.3	4.7	5.0	7.0	5.0	6.7	7.0	5.8
TOP GUN II (JR 324)	5.7	4.7	5.0	7.0	5.0	6.0	7.0	5.8
ASP6002 (BPR)	5.3	4.7	5.3	6.0	5.7	6.0	7.0	5.7
HEADSTART 2	6.0	5.0	5.3	6.7	3.7	6.7	6.7	5.7
WIND DANCE 2 (PWDR)	5.7	4.0	5.0	6.7	5.3	6.7	6.7	5.7

TABLE 20.
(CONT'D)

FALL DENSITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

DENSITY RATINGS 1 9; 9=MAXIMUM DENSITY 2/

NAME	MI1	MN1	ND1	NE1	NJ1	OR1	QE1	MEAN
QUICKSILVER	6.3	4.3	5.0	6.7	4.3	6.0	7.3	5.7
ACCENT II (JR 119)	4.0	4.7	5.0	8.7	4.0	6.3	7.0	5.7
PENTIUM	4.0	4.7	4.7	7.3	5.7	6.3	7.0	5.7
PM 102	6.0	3.3	4.3	7.7	5.0	6.3	7.0	5.7
GALATTI (DP 17 9502)	5.7	4.7	5.0	6.3	5.3	6.0	6.7	5.7
PALMER III	4.7	4.3	5.0	8.0	4.7	6.0	6.7	5.6
PST 2BLK	5.7	3.7	5.0	6.3	5.7	6.0	7.0	5.6
HALO (KN42)	4.7	4.3	4.7	7.3	5.0	6.7	6.7	5.6
MONTEREY 3 (JR 408)	4.7	4.7	5.0	7.7	4.3	6.0	7.0	5.6
SP4	5.3	4.0	5.0	6.7	4.7	6.3	7.0	5.6
LA QUINTA (JR 255)	4.3	5.0	4.7	6.7	4.7	6.3	7.0	5.5
GOALKEEPER II (JR 114)	5.3	4.3	5.0	7.3	3.7	6.3	6.7	5.5
L44	4.0	5.0	5.3	6.0	5.0	6.7	6.7	5.5
PREMIER II	4.3	5.0	4.0	8.3	4.0	6.3	6.7	5.5
SRX 4692	4.0	4.3	4.3	6.7	7.3	5.7	6.3	5.5
ASP6001 (RTS)	4.0	4.0	5.3	7.7	4.7	6.3	6.3	5.5
BRIGHTSTAR SLT	5.3	4.0	5.0	6.3	4.7	6.0	7.0	5.5
DP 17 9788	4.7	4.7	3.0	7.3	5.3	6.3	6.7	5.4
CADDIESHACK II (JR 163)	3.7	3.3	5.0	7.0	4.7	7.0	7.0	5.4
PIANIST (DP 17 9505)	4.7	4.0	4.0	8.0	4.7	5.7	6.7	5.4
SRX 4682	3.3	4.0	4.0	7.3	6.3	5.3	7.0	5.3
BARLENNIUM	4.3	4.3	4.3	7.7	4.7	5.7	6.0	5.3
PANTHER	3.7	4.0	5.0	7.7	3.7	6.0	7.0	5.3
AFFINITY	3.7	3.0	5.0	7.7	4.3	5.7	6.3	5.1
LPR 02203	3.3	4.0	4.3	7.7	3.0	6.0	7.0	5.0
PREMIER	3.7	3.3	4.3	7.3	3.0	6.3	6.0	4.9
PINNACLE	3.3	2.7	4.0	7.3	3.0	6.0	5.7	4.6
LINN	3.0	1.0	2.3	5.7	1.0	3.7	6.0	3.2
LSD VALUE	1.7	1.4	1.1	2.0	1.3	1.2	0.7	0.5
C.V. (%)	18.5	18.7	13.8	16.5	14.0	11.9	6.2	14.5

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 21.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	NJ1	OK1	MEAN	NAME	NJ1	OK1	MEAN
DART (APR 1663)	96.3	99.0	97.7	PST 2MNG	71.7	99.0	85.3
PICK RB 1	95.7	99.0	97.3	\$ILVER DOLLAR	71.7	98.7	85.2
HARRIER (SRX 4UP3)	95.3	99.0	97.2	CITATION FORE	70.0	99.0	84.5
SR 4600 (SRX 4SP)	95.3	99.0	97.2	MS2	68.3	99.0	83.7
EXACTA II GLSR (LTP 611 GLSR)	94.0	99.0	96.5	DCM	66.7	98.7	82.7
MMW	95.0	98.0	96.5	AC2	65.0	98.7	81.8
PROTEGE GLR	94.0	99.0	96.5	04 BRE	61.7	99.0	80.3
SRX 4682	94.0	99.0	96.5	PST 2LAN	58.3	99.0	78.7
D04 UP	94.0	98.3	96.2	PST 2GSM	56.7	99.0	77.8
APPLE GL (AAZ B104)	92.3	99.0	95.7	PST 2AG4	56.7	98.0	77.3
D04 1667	92.3	99.0	95.7	ASP6006 (LPFG)	53.3	99.0	76.2
LINE DRIVE GLS (APR 1797)	92.3	99.0	95.7	RAD PR8	53.3	99.0	76.2
DP1	92.3	98.7	95.5	BAR LP 4420	51.7	99.0	75.3
APR 1670	91.7	99.0	95.3	FIREBOLT (PRG HS 01 09)	51.7	99.0	75.3
1G2 (APR 1664)	93.3	97.3	95.3	PLEASURE SUPREME (PM 103)	51.7	99.0	75.3
FIESTA 4 (PICK F4)	91.7	98.7	95.2	SNR	51.7	99.0	75.3
AF	90.0	99.0	94.5	DP 17 9788	50.0	99.0	74.5
CHARISMATIC II GLSR (LTP PG GLSR)	90.0	99.0	94.5	PENTIUM	50.0	99.0	74.5
PARAGON GLR	90.0	99.0	94.5	PINNACLE II	50.0	99.0	74.5
PHENOM (APR 1660)	90.0	97.7	93.8	OVERDRIVE	50.0	98.3	74.2
ALL*STAR 3 (IS PR 274)	88.3	99.0	93.7	E 99	48.3	99.0	73.7
DERBY XTREME (IS PR 268)	89.0	98.3	93.7	PRESIDIO (CNV)	50.0	96.0	73.0
GL 2	88.3	99.0	93.7	GALATTI (DP 17 9502)	46.7	99.0	72.8
ATTRIBUTE (IS-PR 270)	89.0	98.3	93.7	DELAWARE XL (PICK 01-2)	46.7	99.0	72.8
SECRETARIAT II GLSR (LTP 101 GLSR)	88.3	99.0	93.7	PST 217	46.7	99.0	72.8
PALMER IV	87.3	99.0	93.2	VB77	46.7	99.0	72.8
D04 11T	86.7	99.0	92.8	ES45	46.7	98.7	72.7
MANHATTAN 5 GLR (PST 2AM)	86.7	99.0	92.8	GRAY STAR (PST 2LGL)	46.7	98.0	72.3
STELLAR GL (IS PR 236)	85.0	99.0	92.0	AFFINITY	45.0	99.0	72.0
REVENGE GLX (JR 348)	85.0	98.0	91.5	ASP6002 (BPR)	45.0	99.0	72.0
SRX 4692	84.0	99.0	91.5	DP 17 9499	45.0	99.0	72.0
LCK	83.3	99.0	91.2	PREMIER	45.0	99.0	72.0
PALACE (IS PR 273)	83.3	99.0	91.2	PST 2BLK	45.0	98.7	71.8
RNS	83.3	99.0	91.2	ASP6005 (AJM)	43.3	99.0	71.2
PRIMARY (IS PR 269)	82.3	99.0	90.7	L44	43.3	99.0	71.2
KOKOMO II (IS-PR 235)	81.7	99.0	90.3	PIZZAZZ	43.3	99.0	71.2
PANTHER GLS	81.7	99.0	90.3	ASP6004 (EXS54)	41.7	99.0	70.3
REPELL GLS	81.7	99.0	90.3	BAR LP 4317	41.7	99.0	70.3
BUENA VISTA	80.7	98.3	89.5	BAR LP 4920	41.7	99.0	70.3
FUSION	80.0	99.0	89.5	GPR	43.3	96.7	70.0
AMAZING GS (IS-PR 276)	80.0	99.0	89.5	WIND DANCE 2 (PWDR)	40.0	99.0	69.5
REGAL 5 (IS PR 271)	80.0	99.0	89.5	BARLENNIUM	38.3	99.0	68.7
HOMERUN (RG3P)	80.0	99.0	89.5	BRIGHTSTAR SLT	38.3	99.0	68.7
KEYSTONE 2 (IS PR 312)	76.7	99.0	87.8	D04 LP05	38.3	99.0	68.7
CABO II (IS-PR 233)	75.0	99.0	87.0	INSPIRE	38.3	99.0	68.7
04 BEN	71.7	99.0	85.3	VB99	38.3	99.0	68.7

TABLE 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/				
NAME	NJ1	OK1	MEAN	
HALO (KN42)	38.3	98.7	68.5	
ASP6003 (TRS)	38.3	98.3	68.3	
PALMER III	36.7	99.0	67.8	
PM 101	36.7	99.0	67.8	
TR47	36.7	98.3	67.5	
ACCENT II (JR 119)	35.0	99.0	67.0	
PIANIST (DP 17 9505)	35.0	99.0	67.0	
PINNACLE	35.0	99.0	67.0	
PM 102	35.0	99.0	67.0	
QUICKSILVER	35.0	99.0	67.0	
SP4	35.0	99.0	67.0	
MONTEREY 3 (JR 408)	35.0	98.0	66.5	
MACH I	33.3	99.0	66.2	
PICK 02 R	33.3	99.0	66.2	
LA QUINTA (JR 255)	34.0	98.0	66.0	
SUNSHINE 2	33.3	98.7	66.0	
TOP GUN II (JR 324)	31.7	99.0	65.3	
HEADSTART 2	30.7	99.0	64.8	
ASP6001 (RTS)	30.0	99.0	64.5	
PS 2	30.0	99.0	64.5	
PREMIER II	29.3	99.0	64.2	
CADDIESHACK II (JR 163)	28.3	99.0	63.7	
GOALKEEPER II (JR 114)	28.3	99.0	63.7	
APR 1648	26.7	99.0	62.8	
LINN	23.3	99.0	61.2	
PANTHER	19.0	99.0	59.0	
LPR 02203	15.0	99.0	57.0	
LSD VALUE	15.5	1.4	7.8	
C.V. (%)	16.0	0.9	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 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/							
NAME	IL2	MI1	ND1	NJ1	OK1	RI1	MEAN
HOMERUN (RG3P)	98.3	88.3	83.0	86.7	93.3	83.3	88.8
SR 4600 (SRX 4SP)	92.7	90.0	78.3	96.3	85.0	85.0	87.9
REVENGE GLX (JR 348)	92.7	91.7	85.0	91.3	94.3	70.0	87.5
FIESTA 4 (PICK F4)	95.3	81.7	86.7	95.0	85.3	75.0	86.5
D04 1667	97.3	80.0	73.3	95.7	88.7	80.0	85.8
PRIMARY (IS PR 269)	92.3	88.3	76.7	92.7	78.3	86.7	85.8
SECRETARIAT II GLSR (LTP 101 GLSR)	94.7	81.7	83.0	92.7	87.3	75.0	85.7
MMW	96.0	85.0	76.7	91.7	83.3	80.0	85.4
DART (APR 1663)	93.3	88.3	66.7	94.3	78.7	81.7	83.8
ASP6006 (LPFG)	92.7	85.0	85.0	68.3	95.3	75.0	83.6
DP1	93.0	86.7	76.7	91.3	80.3	73.3	83.6
DCM	97.7	91.7	73.3	84.0	75.3	78.3	83.4
AF	93.0	86.7	71.7	86.7	74.7	86.7	83.2
D04 UP	90.3	81.7	81.7	87.7	69.3	86.7	82.9
RNS	95.7	71.7	78.3	96.0	67.0	88.3	82.8
STELLAR GL (IS PR 236)	87.7	78.3	78.3	90.0	80.7	81.7	82.8
PICK RB 1	96.3	86.7	70.0	90.0	65.0	88.3	82.7
CITATION FORE	97.0	80.0	83.3	75.0	90.3	70.0	82.6
APR 1670	90.7	73.3	73.3	87.3	90.7	80.0	82.6
REPELL GLS	88.3	88.3	63.3	85.0	92.0	78.3	82.6
PST 2MNG	89.0	88.3	66.7	85.0	84.7	80.0	82.3
ATTRIBUTE (IS-PR 270)	95.0	71.7	78.3	89.0	71.7	86.7	82.1
D04 11T	90.3	90.0	66.7	86.7	80.0	78.3	82.0
EXACTA II GLSR (LTP 611 GLSR)	90.3	76.7	61.3	94.0	90.3	78.3	81.8
KEYSTONE 2 (IS PR 312)	93.3	85.0	78.3	89.0	66.7	78.3	81.8
MANHATTAN 5 GLR (PST 2AM)	89.7	91.7	60.0	93.3	84.3	70.0	81.5
CHARISMATIC II GLSR (LTP PG GLSR)	89.0	85.0	78.3	90.7	66.7	78.3	81.3
SRX 4682	94.3	76.7	51.7	92.7	95.7	76.7	81.3
GL 2	95.7	71.7	73.3	93.7	75.7	75.0	80.8
1G2 (APR 1664)	79.0	78.3	80.0	95.7	76.7	75.0	80.8
PARAGON GLR	86.0	85.0	70.7	78.3	83.0	81.7	80.8
LINE DRIVE GLS (APR 1797)	68.7	90.0	60.0	90.7	96.0	78.3	80.6
VB77	93.7	86.7	76.7	68.3	89.0	68.3	80.4
APPLE GL (AAZ B104)	94.3	90.0	63.3	86.3	66.3	81.7	80.3
REGAL 5 (IS PR 271)	96.0	85.0	56.0	91.7	84.3	68.3	80.2
PST 2LAN	96.0	78.3	75.0	68.3	75.0	88.3	80.2
04 BEN	94.0	60.0	66.7	83.3	90.7	83.3	79.7
CADDIESHACK II (JR 163)	98.0	83.3	68.3	53.3	96.0	78.3	79.6
ACCENT II (JR 119)	94.3	76.7	76.7	60.0	91.3	76.7	79.3
PALMER IV	92.0	70.0	80.0	83.3	71.3	78.3	79.2
DERBY XTREME (IS PR 268)	92.7	81.7	60.0	91.7	68.3	78.3	78.8
PHENOM (APR 1660)	82.3	80.0	73.3	91.0	68.3	76.7	78.6
WIND DANCE 2 (PWDR)	74.3	90.0	76.7	66.7	85.0	78.3	78.5
ASP6004 (EXS54)	96.0	78.3	70.0	66.7	74.0	85.0	78.3
\$ILVER DOLLAR	92.7	66.7	63.3	81.7	86.7	78.3	78.2
AFFINITY	86.0	76.7	71.7	75.0	76.7	83.3	78.2

TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/							
NAME	IL2	MI1	ND1	NJ1	OK1	RI1	MEAN
MS2	97.0	73.3	66.7	75.0	76.7	78.3	77.8
ASP6005 (AJM)	92.7	73.3	70.0	70.0	78.3	81.7	77.7
PIZZAZZ	87.7	71.7	80.0	65.0	83.0	78.3	77.6
BAR LP 4317	89.3	76.7	65.0	65.0	91.3	78.3	77.6
PALACE (IS PR 273)	96.7	78.3	50.0	85.7	82.7	71.7	77.5
LCK	97.7	88.3	70.0	83.3	39.0	86.7	77.5
PLEASURE SUPREME (PM 103)	94.3	90.0	71.7	66.7	60.0	81.7	77.4
PIANIST (DP 17 9505)	94.0	78.3	73.3	58.3	81.7	78.3	77.3
FUSION	93.0	81.7	76.7	85.0	60.3	66.7	77.2
PROTEGE GLR	87.3	73.3	86.3	86.7	51.3	78.3	77.2
PST 2GSM	95.0	76.7	61.7	81.7	70.0	78.3	77.2
KOKOMO II (IS-PR 235)	90.0	78.3	58.3	86.7	67.7	81.7	77.1
BAR LP 4920	94.3	81.7	68.3	61.7	80.0	75.0	76.8
E 99	92.0	71.7	75.0	66.7	70.0	85.0	76.7
INSPIRE	87.3	73.3	76.7	51.7	92.7	75.0	76.1
PANTHER GLS	81.7	81.7	70.0	90.0	73.3	60.0	76.1
PST 2AG4	93.3	76.7	51.7	80.0	76.7	78.3	76.1
RAD PR8	97.0	65.0	68.3	78.3	72.7	75.0	76.1
ALL*STAR 3 (IS PR 274)	95.3	83.3	40.0	91.7	60.0	85.0	75.9
AMAZING GS (IS-PR 276)	91.0	81.7	63.3	86.7	56.7	75.0	75.7
VB99	93.7	85.0	70.0	60.0	68.0	76.7	75.6
GOALKEEPER II (JR 114)	97.3	83.3	85.0	55.0	72.3	60.0	75.5
AC2	92.7	88.3	30.0	70.0	85.7	85.0	75.3
OVERDRIVE	98.0	88.3	71.7	68.3	56.7	68.3	75.2
MACH I	95.3	88.3	81.7	55.0	45.0	85.0	75.1
QUICKSILVER	89.0	85.0	63.3	51.7	89.7	71.7	75.1
BRIGHTSTAR SLT	88.0	70.0	83.3	58.3	87.3	61.7	74.8
PRESIDIO (CNV)	90.0	88.3	83.3	63.3	41.7	81.7	74.7
MONTEREY 3 (JR 408)	96.7	86.7	70.0	56.7	79.7	58.3	74.7
FIREBOLT (PRG HS 01 09)	94.3	83.3	48.3	71.7	90.7	58.3	74.4
GALATTI (DP 17 9502)	95.0	81.7	56.7	58.3	74.0	80.0	74.3
BAR LP 4420	88.0	78.3	60.0	65.0	84.0	70.0	74.2
PM 101	97.0	90.0	60.0	53.3	73.3	71.7	74.2
ASP6002 (BPR)	92.3	85.0	61.7	70.0	68.3	66.7	74.0
DP 17 9788	92.7	85.0	38.3	61.7	92.7	73.3	73.9
DP 17 9499	96.3	81.7	56.7	63.3	56.7	88.3	73.8
L44	95.0	76.7	68.3	60.0	78.7	63.3	73.7
BUENA VISTA	90.0	85.0	58.3	80.0	50.0	78.3	73.6
TR47	86.0	85.0	61.7	63.3	86.7	58.3	73.5
04 BRE	83.7	65.0	76.7	75.0	73.3	66.7	73.4
PST 217	92.0	78.3	73.3	63.3	61.7	71.7	73.4
APR 1648	90.3	66.7	56.7	48.3	87.7	88.3	73.0
PREMIER	98.7	61.7	51.7	70.0	82.7	73.3	73.0
PST 2BLK	93.0	80.0	70.0	65.0	76.3	53.3	72.9
SRX 4692	84.0	48.3	61.7	89.7	90.3	63.3	72.9
D04 LP05	88.3	81.7	66.7	56.7	76.7	66.7	72.8

TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/							
NAME	IL2	MI1	ND1	NJ1	OK1	RI1	MEAN
LA QUINTA (JR 255)	84.7	81.7	80.0	50.0	80.0	60.0	72.7
PS 2	94.3	83.3	50.0	58.3	62.0	88.3	72.7
DELAWARE XL (PICK 01-2)	84.3	76.7	75.0	61.7	68.3	68.3	72.4
GPR	94.0	73.3	76.7	61.7	66.7	61.7	72.3
SUNSHINE 2	90.7	80.0	75.0	50.0	71.7	66.7	72.3
CABO II (IS-PR 233)	85.0	85.0	53.3	82.3	53.3	75.0	72.3
ES45	83.0	70.0	73.3	70.0	73.3	63.3	72.2
GRAY STAR (PST 2LGL)	88.3	81.7	60.0	71.7	58.3	71.7	71.9
SNR	87.0	80.0	63.3	65.0	73.0	63.3	71.9
PREMIER II	91.3	86.7	50.0	51.7	76.7	73.3	71.6
BARLENNIUM	83.3	73.3	61.7	53.3	78.0	78.3	71.3
HEADSTART 2	88.7	83.3	75.0	48.3	68.7	60.0	70.7
SP4	73.7	75.0	78.3	55.0	66.7	75.0	70.6
PINNACLE II	88.0	58.3	65.0	63.3	73.3	71.7	69.9
HARRIER (SRX 4UP3)	63.3	83.3	61.7	93.3	36.7	78.3	69.4
PICK 02 R	86.3	78.3	70.0	51.7	66.7	63.3	69.4
ASP6001 (RTS)	90.3	78.3	66.7	51.7	65.7	60.0	68.8
PALMER III	94.0	71.7	46.7	53.3	73.3	71.7	68.4
TOP GUN II (JR 324)	90.3	78.3	53.3	60.0	61.7	66.7	68.4
PENTIUM	66.3	71.7	66.7	66.7	66.7	71.7	68.3
PINNACLE	91.3	81.7	36.7	51.7	81.7	66.7	68.3
HALO (KN42)	92.7	56.7	58.3	56.7	80.3	63.3	68.0
PANTHER	88.0	68.3	43.3	50.0	82.3	75.0	67.8
PM 102	92.7	80.0	40.0	53.3	70.0	68.3	67.4
LPR 02203	87.3	70.0	53.3	43.3	92.3	55.0	66.9
ASP6003 (TRS)	57.7	86.7	50.0	63.3	65.0	76.7	66.6
LINN	75.7	81.7	11.7	31.7	61.7	33.3	49.3
LSD VALUE	18.7	25.1	30.5	11.4	33.8	17.7	9.9
C.V. (%)	12.9	19.6	28.4	9.7	27.9	14.7	19.6

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 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IL2	IN1	MA1	MI1	ND1	OK1	MEAN
ATTRIBUTE (IS-PR 270)	95.3	58.3	96.3	91.7	81.7	96.7	86.7
FIESTA 4 (PICK F4)	92.3	46.7	97.7	92.3	91.7	93.0	85.6
SR 4600 (SRX 4SP)	91.7	41.7	99.0	95.7	88.3	96.7	85.5
MMW	92.0	45.0	97.7	95.7	83.3	96.3	85.0
DP1	87.0	48.3	97.7	96.3	84.7	95.7	84.9
ACCENT II (JR 119)	88.3	46.7	97.7	91.7	86.7	98.0	84.8
KEYSTONE 2 (IS PR 312)	89.7	53.3	97.7	93.3	85.0	89.0	84.7
GL 2	93.0	58.3	97.7	80.0	80.0	92.3	83.6
RNS	94.7	50.0	99.0	93.3	84.7	79.3	83.5
\$ILVER DOLLAR	93.7	46.7	96.3	94.0	71.7	98.3	83.4
CHARISMATIC II GLSR (LTP PG GLSR)	80.3	43.3	97.7	95.7	88.3	95.3	83.4
CITATION FORE	88.0	40.0	97.7	86.7	89.7	98.3	83.4
PICK RB 1	87.3	46.7	96.3	96.7	80.0	93.3	83.4
BRIGHTSTAR SLT	89.7	41.7	93.3	87.3	89.7	98.3	83.3
STELLAR GL (IS PR 236)	78.7	45.0	99.0	95.0	85.0	96.7	83.2
INSPIRE	85.0	55.0	93.3	90.7	80.0	94.7	83.1
SECRETARIAT II GLSR (LTP 101 GLSR)	93.3	26.7	97.7	96.0	84.7	99.0	82.9
PRIMARY (IS PR 269)	90.0	33.3	96.3	95.7	86.7	94.7	82.8
ASP6004 (EXS54)	88.7	46.7	96.0	96.0	76.7	92.0	82.7
VB77	86.7	45.0	90.0	93.3	83.3	97.3	82.6
D04 11T	89.7	38.3	99.0	96.3	75.0	96.0	82.4
HOMERUN (RG3P)	86.3	30.0	97.7	94.0	88.0	97.7	82.3
DART (APR 1663)	86.7	45.0	95.0	95.7	73.3	97.0	82.1
D04 1667	94.0	30.0	97.7	92.3	81.7	97.0	82.1
D04 UP	85.7	40.0	94.7	90.0	91.3	90.7	82.1
APPLE GL (AAZ B104)	90.7	43.3	96.3	97.7	71.7	91.7	81.9
BUENA VISTA	89.3	53.3	96.3	96.3	65.0	89.7	81.7
REVENGE GLX (JR 348)	87.3	33.3	93.3	88.3	88.3	98.7	81.6
PROTEGE GLR	76.3	40.0	99.0	93.3	89.7	90.7	81.5
OVERDRIVE	96.0	38.3	96.3	95.0	80.0	82.3	81.3
PST 2LAN	93.3	30.0	91.7	91.7	83.3	98.0	81.3
DERBY XTREME (IS PR 268)	87.7	40.0	97.7	96.3	69.7	96.3	81.3
PM 101	90.3	46.7	94.7	93.3	65.0	96.7	81.1
MANHATTAN 5 GLR (PST 2AM)	84.7	51.7	95.0	95.7	68.3	90.7	81.0
AF	88.0	38.3	91.7	93.3	78.3	96.3	81.0
PIZZAZZ	76.0	41.7	91.7	94.3	85.0	97.3	81.0
PRESIDIO (CNV)	81.7	40.0	95.0	88.3	90.0	90.0	80.8
PST 2MNG	92.3	48.3	93.3	82.3	73.3	94.7	80.7
REPELL GLS	88.7	36.7	96.3	92.7	71.7	97.0	80.5
ASP6006 (LPFG)	85.3	26.7	91.7	91.7	88.3	98.7	80.4
PIANIST (DP 17 9505)	74.3	50.0	94.7	86.7	80.0	96.3	80.3
RAD PR8	94.0	38.3	96.3	80.0	76.3	96.7	80.3
AMAZING GS (IS-PR 276)	92.3	35.0	96.3	96.3	70.0	90.7	80.1
PST 2BLK	92.7	35.0	95.0	80.7	78.3	98.7	80.1
APR 1670	82.7	51.7	95.0	68.3	83.3	98.3	79.9
BARLENNIUM	86.7	41.7	90.0	91.7	71.7	97.3	79.8

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IL2	IN1	MA1	MI1	ND1	OK1	MEAN
MACH I	80.7	36.7	90.0	97.0	88.0	86.0	79.7
SUNSHINE 2	77.3	41.7	85.0	95.0	83.3	95.0	79.6
ASP6005 (AJM)	83.0	33.3	95.0	90.0	80.0	95.0	79.4
GRAY STAR (PST 2LGL)	85.0	43.3	96.3	90.7	70.0	90.0	79.2
SP4	70.7	45.0	93.3	83.3	86.7	96.3	79.2
QUICKSILVER	86.3	35.0	91.7	90.0	73.3	98.3	79.1
BAR LP 4920	77.0	41.7	93.3	91.7	75.0	95.3	79.0
EXACTA II GLSR (LTP 611 GLSR)	80.0	41.7	97.7	94.0	64.7	95.7	78.9
REGAL 5 (IS PR 271)	91.0	43.3	95.0	90.7	60.0	93.7	78.9
GOALKEEPER II (JR 114)	94.7	26.7	88.3	75.0	91.3	97.3	78.9
GPR	80.0	25.0	95.0	93.0	85.0	95.3	78.9
VB99	90.3	30.0	95.0	91.7	76.7	89.3	78.8
D04 LP05	77.0	53.3	93.3	80.0	71.7	97.3	78.8
PANTHER GLS	81.3	33.3	96.0	92.3	78.3	91.0	78.7
APR 1648	83.0	45.0	99.0	86.7	63.3	94.3	78.6
MS2	82.7	35.0	93.3	90.0	78.3	92.0	78.6
PHENOM (APR 1660)	74.3	31.7	97.7	94.0	81.7	91.0	78.4
PST 2AG4	90.0	46.7	93.3	85.0	58.3	96.7	78.3
LA QUINTA (JR 255)	82.3	21.7	90.0	91.7	86.7	97.0	78.2
PALACE (IS PR 273)	89.0	43.3	94.7	88.0	60.0	93.7	78.1
WIND DANCE 2 (PWDR)	64.7	35.0	93.3	95.7	81.7	98.3	78.1
CADDIESHACK II (JR 163)	96.7	40.0	86.7	71.7	75.0	98.3	78.1
ES45	80.3	36.7	91.7	80.0	81.7	97.7	78.0
E 99	90.7	35.0	91.7	78.3	78.3	93.7	77.9
PST 217	85.3	26.7	91.7	94.0	80.0	90.0	77.9
MONTEREY 3 (JR 408)	92.3	35.0	91.7	75.0	76.7	96.7	77.9
BAR LP 4420	71.7	45.0	91.7	90.0	71.7	97.0	77.8
PST 2GSM	90.7	28.3	93.3	92.3	65.0	97.3	77.8
CABO II (IS-PR 233)	82.0	40.0	94.7	96.3	61.7	92.0	77.8
04 BEN	77.3	31.7	91.7	90.0	76.7	99.0	77.7
PALMER IV	88.0	36.7	95.0	86.7	88.3	71.7	77.7
PINNACLE II	74.3	43.3	90.0	90.0	71.3	96.7	77.6
DCM	90.0	28.3	93.3	81.3	80.0	92.3	77.6
GALATTI (DP 17 9502)	81.3	40.0	91.7	91.7	66.7	94.0	77.6
HEADSTART 2	84.0	41.7	90.0	83.3	81.7	84.7	77.6
KOKOMO II (IS-PR 235)	87.7	55.0	93.0	88.3	63.3	78.0	77.6
FIREBOLT (PRG HS 01 09)	87.0	40.0	95.0	90.7	55.0	97.3	77.5
ASP6001 (RTS)	88.0	26.7	91.7	88.3	75.0	95.0	77.4
PLEASURE SUPREME (PM 103)	87.3	36.7	91.7	89.0	81.7	78.0	77.4
FUSION	82.7	41.7	91.7	92.7	83.3	71.3	77.2
PARAGON GLR	78.0	35.0	91.7	95.7	78.3	84.3	77.2
SNR	75.0	30.0	95.0	93.3	71.7	98.0	77.2
DP 17 9499	89.0	43.3	95.0	80.0	65.0	89.0	76.9
TR47	78.0	38.3	93.3	85.0	71.7	93.3	76.6
LCK	91.7	31.7	97.7	96.3	78.3	64.0	76.6
PALMER III	86.0	43.3	93.3	85.0	55.0	96.7	76.6

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	IL2	IN1	MA1	MI1	ND1	OK1	MEAN
LINE DRIVE GLS (APR 1797)	66.3	35.0	97.7	93.3	68.3	97.0	76.3
1G2 (APR 1664)	63.7	31.7	94.7	88.3	83.3	89.7	75.2
L44	83.0	26.7	94.7	78.3	75.0	93.3	75.2
PENTIUM	66.0	43.3	94.7	78.3	76.7	92.0	75.2
PREMIER II	84.7	41.7	91.7	76.7	58.3	97.0	75.0
AC2	89.3	38.3	93.3	93.3	40.0	95.3	74.9
DELAWARE XL (PICK 01-2)	71.3	28.3	94.7	91.7	83.3	80.3	74.9
BAR LP 4317	77.7	33.3	95.0	73.3	70.0	98.3	74.6
AFFINITY	77.3	36.7	91.7	65.7	78.3	96.7	74.4
PICK 02 R	57.3	51.7	83.3	92.3	75.0	86.7	74.4
04 BRE	62.3	41.7	88.3	71.7	83.3	97.0	74.1
ALL*STAR 3 (IS PR 274)	90.0	40.0	97.7	95.7	46.7	74.3	74.1
SRX 4692	83.3	31.7	96.3	68.3	68.3	96.3	74.1
HALO (KN42)	83.3	43.3	95.0	85.0	70.0	66.7	73.9
SRX 4682	91.0	30.0	96.3	65.0	60.0	98.3	73.4
DP 17 9788	77.7	30.0	96.3	95.0	45.0	96.0	73.3
PREMIER	84.0	50.0	91.7	55.0	60.0	98.7	73.2
TOP GUN II (JR 324)	81.3	35.0	91.7	80.0	63.3	87.3	73.1
PS 2	69.7	45.0	88.3	78.3	60.0	94.3	72.6
ASP6002 (BPR)	84.0	25.0	88.3	73.3	68.3	95.0	72.3
PM 102	85.0	43.3	91.7	68.3	50.0	95.3	72.3
HARRIER (SRX 4UP3)	54.0	48.3	97.7	81.7	70.0	66.0	69.6
PANTHER	78.0	38.3	83.3	69.3	51.7	96.3	69.5
ASP6003 (TRS)	51.7	33.3	93.3	81.7	60.0	87.0	67.8
PINNACLE	85.0	36.7	80.0	50.0	45.0	98.0	65.8
LPR 02203	60.3	30.0	70.0	71.7	60.0	98.7	65.1
LINN	31.7	28.3	53.3	26.7	20.0	97.3	42.9
LSD VALUE	22.5	25.1	6.7	21.2	28.8	19.3	8.9
C.V. (%)	16.9	39.7	4.5	15.1	24.1	12.9	17.2

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

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

TABLE 24. WINTER COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

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

NAME	OK1	NAME	OK1
TR47	9.0	PST 2AG4	7.7
ES45	8.7	PST 2MNG	7.7
FIREBOLT (PRG HS 01 09)	8.7	WIND DANCE 2 (PWDR)	7.7
HEADSTART 2	8.7	SNR	7.7
L44	8.7	SRX 4692	7.7
PICK 02 R	8.7	ALL*STAR 3 (IS PR 274)	7.3
ASP6002 (BPR)	8.3	BAR LP 4920	7.3
CABO II (IS-PR 233)	8.3	BRIGHTSTAR SLT	7.3
LA QUINTA (JR 255)	8.3	BUENA VISTA	7.3
DELAWARE XL (PICK 01-2)	8.3	CITATION FORE	7.3
SP4	8.3	D04 11T	7.3
SUNSHINE 2	8.3	DP 17 9499	7.3
VB99	8.3	GL 2	7.3
AC2	8.0	GPR	7.3
ASP6001 (RTS)	8.0	HARRIER (SRX 4UP3)	7.3
ASP6003 (TRS)	8.0	KOKOMO II (IS-PR 235)	7.3
ASP6004 (EXS54)	8.0	STELLAR GL (IS PR 236)	7.3
ASP6005 (AJM)	8.0	AMAZING GS (IS-PR 276)	7.3
ASP6006 (LPFG)	8.0	LINE DRIVE GLS (APR 1797)	7.3
CADDIESHACK II (JR 163)	8.0	PANTHER GLS	7.3
GOALKEEPER II (JR 114)	8.0	PARAGON GLR	7.3
HALO (KN42)	8.0	PIANIST (DP 17 9505)	7.3
MONTEREY 3 (JR 408)	8.0	PRESIDIO (CNV)	7.3
MS2	8.0	PROTEGE GLR	7.3
OVERDRIVE	8.0	PS 2	7.3
PM 101	8.0	QUICKSILVER	7.3
PM 102	8.0	REPELL GLS	7.3
PST 217	8.0	REVENGE GLX (JR 348)	7.3
REGAL 5 (IS PR 271)	8.0	HOMERUN (RG3P)	7.3
TOP GUN II (JR 324)	8.0	RNS	7.3
VB77	8.0	\$ILVER DOLLAR	7.0
04 BRE	7.7	04 BEN	7.0
AF	7.7	APPLE GL (AAZ B104)	7.0
BAR LP 4420	7.7	ACCENT II (JR 119)	7.0
D04 1667	7.7	APR 1648	7.0
D04 LP05	7.7	CHARISMATIC II GLSR (LTP PG GLSR)	7.0
DP1	7.7	D04 UP	7.0
FUSION	7.7	DERBY XTREME (IS PR 268)	7.0
INSPIRE	7.7	E 99	7.0
LCK	7.7	EXACTA II GLSR (LTP 611 GLSR)	7.0
MACH I	7.7	FIESTA 4 (PICK F4)	7.0
PALACE (IS PR 273)	7.7	GALATTI (DP 17 9502)	7.0
PALMER IV	7.7	ATTRIBUTE (IS-PR 270)	7.0
PICK RB 1	7.7	KEYSTONE 2 (IS PR 312)	7.0
PLEASURE SUPREME (PM 103)	7.7	MANHATTAN 5 GLR (PST 2AM)	7.0
		MMW	7.0

TABLE 24. WINTER COLOR RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

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

NAME	OK1
PINNACLE II	7.0
PIZZAZZ	7.0
PRIMARY (IS PR 269)	7.0
PST 2BLK	7.0
PST 2GSM	7.0
PST 2LAN	7.0
RAD PR8	7.0
SECRETARIAT II GLSR (LTP 101 GLSR)	7.0
SR 4600 (SRX 4SP)	7.0
SRX 4682	7.0
PHENOM (APR 1660)	6.7
DART (APR 1663)	6.7
APR 1670	6.7
DCM	6.7
DP 17 9788	6.7
GRAY STAR (PST 2LGL)	6.7
PENTIUM	6.7
1G2 (APR 1664)	6.3
BAR LP 4317	6.3
BARLENNIUM	6.3
PALMER III	6.3
PANTHER	6.3
PREMIER II	6.3
LPR 02203	6.0
PREMIER	6.0
AFFINITY	5.3
PINNACLE	5.3
LINN	5.0
LSD VALUE	0.9
C.V. (%)	7.8

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 25.

PERCENT WINTER KILL RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	ND1	WI1	MEAN	NAME	ND1	WI1	MEAN
LINN	97.7	70.7	84.2	MS2	56.7	40.0	48.3
CABO II (IS-PR 233)	88.3	55.0	71.7	PICK RB 1	56.7	40.0	48.3
HALO (KN42)	78.3	63.3	70.8	VB99	68.3	28.3	48.3
WIND DANCE 2 (PWDR)	66.7	70.7	68.7	D04 11T	68.3	26.7	47.5
PM 102	90.0	45.0	67.5	KOKOMO II (IS-PR 235)	73.3	21.7	47.5
PIANIST (DP 17 9505)	76.3	55.0	65.7	PENTIUM	70.0	25.0	47.5
SNR	68.3	61.7	65.0	CITATION FORE	61.7	32.3	47.0
PREMIER	90.0	38.3	64.2	DCM	55.0	38.3	46.7
SP4	50.0	76.7	63.3	APPLE GL (AAZ B104)	65.0	28.3	46.7
PALACE (IS PR 273)	88.3	38.3	63.3	DP 17 9499	75.0	17.7	46.3
O4 BRE	58.3	65.0	61.7	STELLAR GL (IS PR 236)	61.7	30.3	46.0
ASP6004 (EXS54)	75.0	48.3	61.7	SILVER DOLLAR	71.7	20.0	45.8
BARLENNIUM	81.7	41.7	61.7	BUENA VISTA	53.3	38.3	45.8
EXACTA II GLSR (LTP 611 GLSR)	70.0	53.3	61.7	PS 2	68.3	23.3	45.8
LPR 02203	85.0	35.0	60.0	PST 2AG4	61.7	30.0	45.8
DP1	76.7	41.7	59.2	ALL*STAR 3 (IS PR 274)	66.3	25.0	45.7
BAR LP 4920	73.3	45.0	59.2	BRIGHTSTAR SLT	62.7	28.3	45.5
ASP6006 (LPFG)	46.7	70.7	58.7	GALATTI (DP 17 9502)	53.3	36.7	45.0
ASP6002 (BPR)	76.7	40.0	58.3	LCK	78.3	11.7	45.0
ASP6003 (TRS)	81.7	33.3	57.5	OVERDRIVE	73.3	16.7	45.0
RAD PR8	85.0	30.0	57.5	SRX 4682	61.7	28.3	45.0
L44	70.0	43.3	56.7	D04 LP05	65.0	23.3	44.2
PANTHER	73.3	38.3	55.8	KEYSTONE 2 (IS PR 312)	60.0	28.3	44.2
APR 1670	78.3	32.0	55.2	PST 2BLK	70.0	18.3	44.2
HOMERUN (RG3P)	42.0	68.0	55.0	REGAL 5 (IS PR 271)	63.0	25.0	44.0
DP 17 9788	81.3	28.3	54.8	E 99	73.3	14.3	43.8
PINNACLE	63.3	45.0	54.2	CHARISMATIC II GLSR (LTP PG GLSR)	63.3	23.3	43.3
BAR LP 4420	73.3	35.0	54.2	GPR	65.0	21.7	43.3
DELAWARE XL (PICK 01-2)	80.0	28.3	54.2	PIZZAZZ	53.3	33.3	43.3
SRX 4692	80.0	28.3	54.2	QUICKSILVER	60.0	26.7	43.3
PALMER III	74.0	33.7	53.8	REPELL GLS	60.0	26.7	43.3
DERBY XTREME (IS PR 268)	70.0	36.7	53.3	FUSION	50.0	36.7	43.3
GOALKEEPER II (JR 114)	60.0	45.7	52.8	GRAY STAR (PST 2LGL)	56.7	28.3	42.5
D04 UP	65.0	40.0	52.5	PARAGON GLR	56.7	28.3	42.5
PREMIER II	85.0	20.0	52.5	MACH I	53.3	30.0	41.7
MONTEREY 3 (JR 408)	65.0	38.3	51.7	ATTRIBUTE (IS-PR 270)	56.7	26.7	41.7
AC2	89.3	13.3	51.3	PST 217	46.7	36.7	41.7
PRESIDIO (CNV)	73.3	29.0	51.2	CADDIESHACK II (JR 163)	55.0	26.7	40.8
LINE DRIVE GLS (APR 1797)	85.0	16.7	50.8	PANTHER GLS	60.0	21.7	40.8
ASP6001 (RTS)	68.3	33.3	50.8	PST 2MNG	60.0	21.7	40.8
HEADSTART 2	56.7	45.0	50.8	AFFINITY	56.7	25.0	40.8
MMW	66.7	34.3	50.5	TR47	56.7	25.0	40.8
PINNACLE II	60.0	40.0	50.0	SR 4600 (SRX 4SP)	60.0	21.0	40.5
FIREBOLT (PRG HS 01 09)	76.3	21.7	49.0	AMAZING GS (IS-PR 276)	46.7	31.7	39.2
O4 BEN	61.7	35.0	48.3	1G2 (APR 1664)	51.7	25.0	38.3
				PM 101	58.3	17.7	38.0

TABLE 25. PERCENT WINTER KILL RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	ND1	WI1	MEAN
BAR LP 4317	56.7	19.0	37.8
LA QUINTA (JR 255)	53.3	21.7	37.5
SUNSHINE 2	46.7	28.3	37.5
ES45	63.3	10.7	37.0
PHENOM (APR 1660)	35.0	38.3	36.7
APR 1648	46.3	26.7	36.5
MANHATTAN 5 GLR (PST 2AM)	65.0	7.7	36.3
INSPIRE	43.3	29.0	36.2
PST 2LAN	58.3	13.3	35.8
ASP6005 (AJM)	63.3	8.0	35.7
GL 2	53.3	18.0	35.7
HARRIER (SRX 4UP3)	60.0	10.0	35.0
DART (APR 1663)	43.3	25.0	34.2
VB77	48.3	20.0	34.2
SECRETARIAT II GLSR (LTP 101 GLSR)	48.3	18.3	33.3
PICK 02 R	36.7	30.0	33.3
PLEASURE SUPREME (PM 103)	50.0	15.7	32.8
PROTEGE GLR	36.7	28.3	32.5
D04 1667	36.7	27.7	32.2
FIESTA 4 (PICK F4)	50.0	12.0	31.0
PRIMARY (IS PR 269)	40.0	21.3	30.7
PST 2GSM	46.7	14.0	30.3
ACCENT II (JR 119)	40.0	20.0	30.0
RNS	33.3	26.7	30.0
TOP GUN II (JR 324)	43.0	17.0	30.0
PALMER IV	30.0	22.7	26.3
REVENGE GLX (JR 348)	26.7	21.0	23.8
AF	33.3	13.7	23.5
LSD VALUE	43.1	35.4	27.9
C.V. (%)	43.1	70.7	52.5

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 26. RED THREAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

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

NAME	OR1	NAME	OR1
BRIGHTSTAR SLT	9.0	LINE DRIVE GLS (APR 1797)	8.3
DP 17 9499	9.0	MACH I	8.3
FUSION	9.0	MANHATTAN 5 GLR (PST 2AM)	8.3
GPR	9.0	MMW	8.3
MS2	9.0	PANTHER GLS	8.3
PALMER III	9.0	PARAGON GLR	8.3
PICK 02 R	9.0	PREMIER II	8.3
PREMIER	9.0	PROTEGE GLR	8.3
PST 2BLK	9.0	PST 217	8.3
PST 2GSM	9.0	PST 2AG4	8.3
SECRETARIAT II GLSR (LTP 101 GLSR)	9.0	PST 2MNG	8.3
TR47	9.0	REPELL GLS	8.3
04 BEN	8.7	RNS	8.3
BARLENNIUM	8.7	SNR	8.3
CHARISMATIC II GLSR (LTP PG GLSR)	8.7	SRX 4682	8.3
D04 1667	8.7	VB99	8.3
DERBY XTREME (IS PR 268)	8.7	DART (APR 1663)	8.0
E 99	8.7	ASP6002 (BPR)	8.0
ES45	8.7	ASP6003 (TRS)	8.0
EXACTA II GLSR (LTP 611 GLSR)	8.7	ASP6006 (LPFG)	8.0
FIESTA 4 (PICK F4)	8.7	D04 11T	8.0
FIREBOLT (PRG HS 01 09)	8.7	D04 UP	8.0
GL 2	8.7	GRAY STAR (PST 2LGL)	8.0
GOALKEEPER II (JR 114)	8.7	ATTRIBUTE (IS-PR 270)	8.0
LCK	8.7	AMAZING GS (IS-PR 276)	8.0
LINN	8.7	L44	8.0
PALACE (IS PR 273)	8.7	LPR 02203	8.0
PALMER IV	8.7	MONTEREY 3 (JR 408)	8.0
PINNACLE	8.7	PANTHER	8.0
PS 2	8.7	PENTIUM	8.0
QUICKSILVER	8.7	PM 101	8.0
RAD PR8	8.7	PLEASURE SUPREME (PM 103)	8.0
APPLE GL (AAZ B104)	8.3	WIND DANCE 2 (PWDR)	8.0
AF	8.3	HOMERUN (RG3P)	8.0
ALL*STAR 3 (IS PR 274)	8.3	SRX 4692	8.0
1G2 (APR 1664)	8.3	SUNSHINE 2	8.0
BUENA VISTA	8.3	TOP GUN II (JR 324)	8.0
CITATION FORE	8.3	VB77	8.0
DP 17 9788	8.3	\$ILVER DOLLAR	7.7
GALATTI (DP 17 9502)	8.3	ACCENT II (JR 119)	7.7
HARRIER (SRX 4UP3)	8.3	AFFINITY	7.7
HEADSTART 2	8.3	APR 1670	7.7
CABO II (IS-PR 233)	8.3	ASP6001 (RTS)	7.7
KOKOMO II (IS-PR 235)	8.3	CADDIESHACK II (JR 163)	7.7
LA QUINTA (JR 255)	8.3	DCM	7.7
		INSPIRE	7.7

TABLE 26. RED THREAD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

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

NAME	OR1
STELLAR GL (IS PR 236)	7.7
OVERDRIVE	7.7
PIANIST (DP 17 9505)	7.7
PICK RB 1	7.7
PRIMARY (IS PR 269)	7.7
REVENGE GLX (JR 348)	7.7
SP4	7.7
SR 4600 (SRX 4SP)	7.7
O4 BRE	7.3
APR 1648	7.3
PHENOM (APR 1660)	7.3
D04 LP05	7.3
KEYSTONE 2 (IS PR 312)	7.3
DELAWARE XL (PICK 01-2)	7.3
PIZZAZZ	7.3
PM 102	7.3
PRESIDIO (CNV)	7.3
REGAL 5 (IS PR 271)	7.3
AC2	7.0
ASP6004 (EXS54)	7.0
ASP6005 (AJM)	7.0
DP1	7.0
PST 2LAN	7.0
BAR LP 4317	6.7
BAR LP 4420	6.7
BAR LP 4920	6.7
HALO (KN42)	6.7
PINNACLE II	5.0
LSD VALUE	2.1
C.V. (%)	16.1

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 27.

BROWN PATCH (WARM TEMPERATURE) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

BROWN PATCH RATINGS 1 9; 9=NO DISEASE 2/

NAME	MA1	MO1	PA1	MEAN	NAME	MA1	MO1	PA1	MEAN
D04 1667	9.0	5.3	8.3	7.6	DCM	8.3	5.3	6.7	6.8
LINE DRIVE GLS (APR 1797)	8.3	6.7	7.3	7.4	GOALKEEPER II (JR 114)	8.3	5.3	6.7	6.8
PM 101	9.0	6.3	7.0	7.4	L44	8.3	4.0	8.0	6.8
D04 11T	8.7	5.0	8.3	7.3	LCK	9.0	4.7	6.7	6.8
DERBY XTREME (IS PR 268)	8.7	5.7	7.7	7.3	APPLE GL (AAZ B104)	8.7	5.0	6.7	6.8
ATTRIBUTE (IS-PR 270)	8.3	5.7	8.0	7.3	ASP6003 (TRS)	8.7	4.3	7.3	6.8
PALACE (IS PR 273)	9.0	6.3	6.7	7.3	ASP6006 (LPFG)	8.7	5.0	6.7	6.8
WIND DANCE 2 (PWDR)	9.0	5.0	8.0	7.3	FIESTA 4 (PICK F4)	8.7	4.3	7.3	6.8
AC2	8.0	6.7	7.0	7.2	GRAY STAR (PST 2LGL)	9.0	4.0	7.3	6.8
ALL*STAR 3 (IS PR 274)	8.3	6.3	7.0	7.2	HALO (KN42)	8.7	4.3	7.3	6.8
E 99	9.0	5.7	7.0	7.2	STELLAR GL (IS PR 236)	9.0	5.3	6.0	6.8
GPR	9.0	5.7	7.0	7.2	OVERDRIVE	8.7	5.3	6.3	6.8
APR 1648	8.7	6.0	7.0	7.2	PIANIST (DP 17 9505)	8.7	4.0	7.7	6.8
DP 17 9788	8.7	5.0	8.0	7.2	PLEASURE SUPREME (PM 103)	9.0	4.3	7.0	6.8
DELAWARE XL (PICK 01-2)	8.7	6.0	7.0	7.2	SP4	9.0	4.3	7.0	6.8
RNS	9.0	5.3	7.3	7.2	04 BRE	8.0	5.3	6.7	6.7
\$ILVER DOLLAR	8.7	4.3	8.3	7.1	AF	7.7	5.3	7.0	6.7
PST 217	8.3	5.3	7.7	7.1	APR 1670	8.7	4.7	6.7	6.7
04 BEN	9.0	5.0	7.3	7.1	ASP6002 (BPR)	8.7	4.7	6.7	6.7
PRESIDIO (CNV)	8.7	5.3	7.3	7.1	CADDIESHACK II (JR 163)	9.0	4.7	6.3	6.7
VB99	9.0	5.3	7.0	7.1	CHARISMATIC II GLSR (LTP PG GLSR)	6.7	6.3	7.0	6.7
BARLENNIUM	8.7	5.0	7.3	7.0	D04 LP05	9.0	4.3	6.7	6.7
MONTEREY 3 (JR 408)	8.7	5.3	7.0	7.0	D04 UP	8.7	3.7	7.7	6.7
PANTHER GLS	8.7	6.0	6.3	7.0	HEADSTART 2	9.0	3.3	7.7	6.7
PM 102	8.3	5.3	7.3	7.0	PICK RB 1	8.3	4.0	7.7	6.7
PS 2	9.0	5.7	6.3	7.0	PREMIER	8.7	4.0	7.3	6.7
PST 2AG4	8.3	5.0	7.7	7.0	VB77	8.3	5.7	6.0	6.7
RAD PR8	9.0	5.0	7.0	7.0	DART (APR 1663)	8.3	4.3	7.0	6.6
SECRETARIAT II GLSR (LTP 101 GLSR)	8.0	6.3	6.7	7.0	1G2 (APR 1664)	8.0	4.0	7.7	6.6
TOP GUN II (JR 324)	9.0	5.0	7.0	7.0	ASP6005 (AJM)	9.0	5.0	5.7	6.6
ASP6001 (RTS)	8.3	5.7	6.7	6.9	BAR LP 4420	8.7	5.3	5.7	6.6
ASP6004 (EXS54)	7.7	5.3	7.7	6.9	BRIGHTSTAR SLT	8.3	4.7	6.7	6.6
BAR LP 4317	8.7	5.3	6.7	6.9	ES45	8.7	4.3	6.7	6.6
CITATION FORE	8.0	4.7	8.0	6.9	FIREBOLT (PRG HS 01 09)	8.7	4.3	6.7	6.6
AMAZING GS (IS-PR 276)	8.7	4.3	7.7	6.9	CABO II (IS-PR 233)	9.0	3.3	7.3	6.6
MMW	9.0	4.7	7.0	6.9	MS2	8.7	4.3	6.7	6.6
PENTIUM	8.3	4.3	8.0	6.9	PANTHER	8.0	4.0	7.7	6.6
PST 2GSM	8.3	5.3	7.0	6.9	PARAGON GLR	8.3	4.7	6.7	6.6
REGAL 5 (IS PR 271)	8.3	4.7	7.7	6.9	PINNACLE II	8.7	4.3	6.7	6.6
REVENGE GLX (JR 348)	7.7	6.0	7.0	6.9	PREMIER II	8.3	5.3	6.0	6.6
SUNSHINE 2	9.0	5.0	6.7	6.9	PRIMARY (IS PR 269)	7.7	5.3	6.7	6.6
ACCENT II (JR 119)	9.0	5.3	6.3	6.9	BAR LP 4920	9.0	4.3	6.3	6.6
HARRIER (SRX 4UP3)	8.7	4.0	8.0	6.9	DP 17 9499	8.7	5.0	6.0	6.6
SRX 4682	8.0	5.3	7.3	6.9	FUSION	8.7	4.7	6.3	6.6
AFFINITY	9.0	4.7	6.7	6.8	MACH I	8.7	4.0	7.0	6.6
					PIZZAZZ	8.7	4.7	6.3	6.6

TABLE 27. BROWN PATCH (WARM TEMPERATURE) RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

BROWN PATCH RATINGS 1 9; 9=NO DISEASE 2/

NAME	MA1	MO1	PA1	MEAN
QUICKSILVER	8.7	5.0	6.0	6.6
SNR	9.0	4.3	6.3	6.6
KOKOMO II (IS-PR 235)	8.0	4.7	6.7	6.4
LPR 02203	8.3	4.0	7.0	6.4
HOMERUN (RG3P)	8.3	4.3	6.7	6.4
MANHATTAN 5 GLR (PST 2AM)	7.3	5.0	7.0	6.4
EXACTA II GLSR (LTP 611 GLSR)	9.0	3.3	6.7	6.3
INSPIRE	8.7	3.7	6.7	6.3
KEYSTONE 2 (IS PR 312)	8.7	4.0	6.3	6.3
LA QUINTA (JR 255)	7.0	5.7	6.3	6.3
PROTEGE GLR	9.0	3.3	6.7	6.3
PST 2LAN	8.0	5.0	6.0	6.3
TR47	8.3	3.3	7.3	6.3
PHENOM (APR 1660)	8.3	3.7	6.7	6.2
SR 4600 (SRX 4SP)	8.3	3.3	7.0	6.2
BUENA VISTA	8.0	3.7	7.0	6.2
DP1	7.3	4.0	7.3	6.2
SRX 4692	8.0	3.7	7.0	6.2
GALATTI (DP 17 9502)	8.3	3.3	6.7	6.1
PINNACLE	7.7	4.0	6.7	6.1
PST 2BLK	8.3	4.3	5.7	6.1
PALMER IV	8.3	3.7	6.3	6.1
PST 2MNG	8.0	3.7	6.7	6.1
GL 2	7.7	4.0	6.0	5.9
PALMER III	8.3	3.3	6.0	5.9
REPELL GLS	8.0	3.3	6.0	5.8
PICK 02 R	8.7	2.7	6.0	5.8
LINN	8.3	2.7	4.3	5.1
LSD VALUE	0.9	2.0	2.2	1.0
C.V. (%)	6.8	26.2	19.5	16.5

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 28.

PYTHIUM BLIGHT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

PYTHIUM BLIGHT RATINGS 1 9; 9=NO DISEASE 2/

NAME	MA1	NAME	MA1
STELLAR GL (IS PR 236)	9.0	CADDIESHACK II (JR 163)	8.0
AFFINITY	8.7	CITATION FORE	8.0
APR 1648	8.7	D04 11T	8.0
ASP6003 (TRS)	8.7	GL 2	8.0
D04 1667	8.7	GOALKEEPER II (JR 114)	8.0
EXACTA II GLSR (LTP 611 GLSR)	8.7	GPR	8.0
FIREBOLT (PRG HS 01 09)	8.7	CABO II (IS-PR 233)	8.0
GRAY STAR (PST 2LGL)	8.7	ATTRIBUTE (IS-PR 270)	8.0
KEYSTONE 2 (IS PR 312)	8.7	LINE DRIVE GLS (APR 1797)	8.0
PANTHER GLS	8.7	LPR 02203	8.0
PINNACLE II	8.7	MANHATTAN 5 GLR (PST 2AM)	8.0
PREMIER	8.7	MMW	8.0
PST 217	8.7	PALMER III	8.0
TOP GUN II (JR 324)	8.7	PIANIST (DP 17 9505)	8.0
SILVER DOLLAR	8.3	PINNACLE	8.0
APPLE GL (AAZ B104)	8.3	PIZZAZZ	8.0
ACCENT II (JR 119)	8.3	PLEASURE SUPREME (PM 103)	8.0
DART (APR 1663)	8.3	PROTEGE GLR	8.0
APR 1670	8.3	PS 2	8.0
ASP6004 (EXS54)	8.3	PST 2MNG	8.0
ASP6006 (LPFG)	8.3	WIND DANCE 2 (PWDR)	8.0
BAR LP 4420	8.3	RAD PR8	8.0
BAR LP 4920	8.3	REVENGE GLX (JR 348)	8.0
BARLENNIUM	8.3	HOMERUN (RG3P)	8.0
D04 LP05	8.3	SECRETARIAT II GLSR (LTP 101 GLSR)	8.0
DERBY XTREME (IS PR 268)	8.3	SR 4600 (SRX 4SP)	8.0
FUSION	8.3	SRX 4682	8.0
HEADSTART 2	8.3	TR47	8.0
AMAZING GS (IS-PR 276)	8.3	04 BEN	7.7
LCK	8.3	ALL*STAR 3 (IS PR 274)	7.7
MACH I	8.3	ASP6005 (AJM)	7.7
MS2	8.3	DP 17 9499	7.7
OVERDRIVE	8.3	DP 17 9788	7.7
DELAWARE XL (PICK 01-2)	8.3	E 99	7.7
PICK 02 R	8.3	FIESTA 4 (PICK F4)	7.7
PREMIER II	8.3	HALO (KN42)	7.7
QUICKSILVER	8.3	INSPIRE	7.7
RNS	8.3	MONTEREY 3 (JR 408)	7.7
SNR	8.3	PANTHER	7.7
VB99	8.3	PENTIUM	7.7
AC2	8.0	PICK RB 1	7.7
PHENOM (APR 1660)	8.0	PM 101	7.7
BAR LP 4317	8.0	PST 2GSM	7.7
BRIGHTSTAR SLT	8.0	PST 2LAN	7.7
BUENA VISTA	8.0	REPELL GLS	7.7
		SP4	7.7

TABLE 28. PYTHIUM BLIGHT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

PYTHIUM BLIGHT RATINGS 1 9; 9=NO DISEASE 2/

NAME	MA1
1G2 (APR 1664)	7.3
ASP6001 (RTS)	7.3
D04 UP	7.3
ES45	7.3
GALATTI (DP 17 9502)	7.3
HARRIER (SRX 4UP3)	7.3
PALMER IV	7.3
PARAGON GLR	7.3
PRESIDIO (CNV)	7.3
PST 2AG4	7.3
PST 2BLK	7.3
REGAL 5 (IS PR 271)	7.3
SRX 4692	7.3
SUNSHINE 2	7.3
O4 BRE	7.0
AF	7.0
CHARISMATIC II GLSR (LTP PG GLSR)	7.0
DP1	7.0
L44	7.0
LA QUINTA (JR 255)	7.0
PALACE (IS PR 273)	7.0
VB77	7.0
LINN	6.7
PM 102	6.7
ASP6002 (BPR)	6.3
KOKOMO II (IS-PR 235)	6.3
PRIMARY (IS PR 269)	6.3
DCM	5.7
LSD VALUE	1.1
C.V. (%)	8.8

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 29.

CROWN RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

CROWN RUST RATINGS 1 9; 9=NO DISEASE 2/

NAME	RI1	NAME	RI1
LINN	7.3	LA QUINTA (JR 255)	5.0
HALO (KN42)	6.3	PALACE (IS PR 273)	5.0
APR 1648	6.0	PALMER III	5.0
LPR 02203	6.0	PANTHER	5.0
SP4	6.0	DELAWARE XL (PICK 01-2)	5.0
APPLE GL (AAZ B104)	5.7	PICK RB 1	5.0
FUSION	5.7	PST 2AG4	5.0
GPR	5.7	PST 2LAN	5.0
PINNACLE	5.7	REGAL 5 (IS PR 271)	5.0
PM 101	5.7	SECRETARIAT II GLSR (LTP 101 GLSR)	5.0
PM 102	5.7	SILVER DOLLAR	4.7
PROTEGE GLR	5.7	AFFINITY	4.7
PS 2	5.7	ALL*STAR 3 (IS PR 274)	4.7
QUICKSILVER	5.7	ASP6003 (TRS)	4.7
ASP6001 (RTS)	5.3	ASP6005 (AJM)	4.7
ASP6006 (LPFG)	5.3	DERBY XTREME (IS PR 268)	4.7
BAR LP 4920	5.3	DP1	4.7
DP 17 9499	5.3	GALATTI (DP 17 9502)	4.7
ES45	5.3	HEADSTART 2	4.7
EXACTA II GLSR (LTP 611 GLSR)	5.3	INSPIRE	4.7
GOALKEEPER II (JR 114)	5.3	CABO II (IS-PR 233)	4.7
GRAY STAR (PST 2LGL)	5.3	MACH I	4.7
KOKOMO II (IS-PR 235)	5.3	MMW	4.7
MONTEREY 3 (JR 408)	5.3	PIANIST (DP 17 9505)	4.7
OVERDRIVE	5.3	PIZZAZZ	4.7
PALMER IV	5.3	PREMIER	4.7
PRESIDIO (CNV)	5.3	PST 2GSM	4.7
PRIMARY (IS PR 269)	5.3	RAD PR8	4.7
PST 2MNG	5.3	TOP GUN II (JR 324)	4.7
WIND DANCE 2 (PWDR)	5.3	VB99	4.7
SUNSHINE 2	5.3	AC2	4.3
TR47	5.3	ASP6004 (EXS54)	4.3
VB77	5.3	CADDIESHACK II (JR 163)	4.3
ACCENT II (JR 119)	5.0	CITATION FORE	4.3
DART (APR 1663)	5.0	DO4 11T	4.3
ASP6002 (BPR)	5.0	FIESTA 4 (PICK F4)	4.3
BAR LP 4420	5.0	STELLAR GL (IS PR 236)	4.3
BRIGHTSTAR SLT	5.0	LCK	4.3
BUENA VISTA	5.0	MS2	4.3
CHARISMATIC II GLSR (LTP PG GLSR)	5.0	PINNACLE II	4.3
DO4 LPO5	5.0	PLEASURE SUPREME (PM 103)	4.3
DCM	5.0	PST 217	4.3
FIREBOLT (PRG HS 01 09)	5.0	HOMERUN (RG3P)	4.3
AMAZING GS (IS-PR 276)	5.0	SNR	4.3
L44	5.0	SR 4600 (SRX 4SP)	4.3
		SRX 4682	4.3

TABLE 29. CROWN RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

CROWN RUST RATINGS 1 9; 9=NO DISEASE 2/

NAME	RI1
04 BRE	4.0
AF	4.0
PHENOM (APR 1660)	4.0
1G2 (APR 1664)	4.0
D04 1667	4.0
D04 UP	4.0
E 99	4.0
HARRIER (SRX 4UP3)	4.0
ATTRIBUTE (IS-PR 270)	4.0
MANHATTAN 5 GLR (PST 2AM)	4.0
PARAGON GLR	4.0
PICK 02 R	4.0
PREMIER II	4.0
PST 2BLK	4.0
RNS	4.0
BARLENNIUM	3.7
DP 17 9788	3.7
REPELL GLS	3.7
04 BEN	3.3
APR 1670	3.3
BAR LP 4317	3.3
KEYSTONE 2 (IS PR 312)	3.3
LINE DRIVE GLS (APR 1797)	3.3
PANTHER GLS	3.3
PENTIUM	3.3
REVENGE GLX (JR 348)	3.3
SRX 4692	3.3
GL 2	3.0
LSD VALUE	1.9
C.V. (%)	24.5

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 30.

GRAY LEAF SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

GRAY LEAF SPOT RATINGS 1 9; 9=NO DISEASE 2/

NAME	IN1	NJ1	MEAN	NAME	IN1	NJ1	MEAN
DO4 UP	9.0	9.0	9.0	BUENA VISTA	9.0	5.3	7.2
EXACTA II GLSR (LTP 611 GLSR)	9.0	9.0	9.0	LCK	9.0	5.3	7.2
FIESTA 4 (PICK F4)	9.0	9.0	9.0	ES45	9.0	5.0	7.0
MMW	9.0	9.0	9.0	PST 2MNG	9.0	5.0	7.0
ALL*STAR 3 (IS PR 274)	9.0	8.7	8.8	AC2	9.0	4.7	6.8
DP1	9.0	8.7	8.8	ASP6006 (LPFG)	9.0	4.7	6.8
PICK RB 1	9.0	8.7	8.8	KEYSTONE 2 (IS PR 312)	9.0	4.7	6.8
PROTEGE GLR	9.0	8.7	8.8	PST 2GSM	9.0	4.7	6.8
SR 4600 (SRX 4SP)	9.0	8.7	8.8	GRAY STAR (PST 2LGL)	9.0	4.3	6.7
APPLE GL (AAZ B104)	9.0	8.3	8.7	\$ILVER DOLLAR	9.0	4.0	6.5
DART (APR 1663)	9.0	8.3	8.7	ASP6005 (AJM)	9.0	4.0	6.5
PHENOM (APR 1660)	9.0	8.0	8.5	DCM	9.0	4.0	6.5
1G2 (APR 1664)	8.3	8.7	8.5	L44	9.0	4.0	6.5
HARRIER (SRX 4UP3)	9.0	8.0	8.5	MS2	9.0	4.0	6.5
ATTRIBUTE (IS-PR 270)	9.0	8.0	8.5	OVERDRIVE	9.0	4.0	6.5
DO4 1667	9.0	7.7	8.3	RAD PR8	9.0	4.0	6.5
DERBY XTREME (IS PR 268)	9.0	7.7	8.3	VB77	9.0	4.0	6.5
STELLAR GL (IS PR 236)	9.0	7.7	8.3	VB99	9.0	4.0	6.5
MANHATTAN 5 GLR (PST 2AM)	9.0	7.7	8.3	PRESIDIO (CNV)	9.0	3.7	6.3
PANTHER GLS	9.0	7.7	8.3	PST 217	9.0	3.7	6.3
PARAGON GLR	9.0	7.7	8.3	WIND DANCE 2 (PWDR)	9.0	3.7	6.3
DO4 11T	8.3	8.0	8.2	ASP6002 (BPR)	8.3	4.0	6.2
CHARISMATIC II GLSR (LTP PG GLSR)	9.0	7.3	8.2	GPR	9.0	3.3	6.2
LINE DRIVE GLS (APR 1797)	9.0	7.3	8.2	PST 2LAN	9.0	3.3	6.2
REPELL GLS	9.0	7.3	8.2	SP4	9.0	3.3	6.2
AF	7.7	8.3	8.0	TR47	9.0	3.3	6.2
KOKOMO II (IS-PR 235)	9.0	7.0	8.0	ASP6004 (EXS54)	8.3	3.7	6.0
PALMER IV	9.0	7.0	8.0	BAR LP 4317	9.0	3.0	6.0
SECRETARIAT II GLSR (LTP 101 GLSR)	9.0	7.0	8.0	BAR LP 4420	8.3	3.7	6.0
GL 2	8.3	7.3	7.8	E 99	9.0	3.0	6.0
REGAL 5 (IS PR 271)	9.0	6.7	7.8	DELAWARE XL (PICK 01-2)	9.0	3.0	6.0
SRX 4682	8.3	7.3	7.8	PST 2BLK	9.0	3.0	6.0
PALACE (IS PR 273)	9.0	6.3	7.7	CITATION FORE	8.3	3.3	5.8
REVENGE GLX (JR 348)	9.0	6.3	7.7	PLEASURE SUPREME (PM 103)	8.3	3.3	5.8
APR 1670	8.3	6.7	7.5	SNR	8.3	3.3	5.8
CABO II (IS-PR 233)	9.0	6.0	7.5	ACCENT II (JR 119)	9.0	2.7	5.8
AMAZING GS (IS-PR 276)	9.0	6.0	7.5	ASP6001 (RTS)	9.0	2.7	5.8
RNS	8.3	6.7	7.5	ASP6003 (TRS)	9.0	2.7	5.8
SRX 4692	9.0	6.0	7.5	PINNACLE II	9.0	2.7	5.8
04 BRE	8.3	6.3	7.3	QUICKSILVER	9.0	2.7	5.8
FUSION	8.3	6.3	7.3	FIREBOLT (PRG HS 01 09)	8.3	3.0	5.7
HOMERUN (RG3P)	8.3	6.3	7.3	HALO (KN42)	8.3	3.0	5.7
PRIMARY (IS PR 269)	8.3	6.0	7.2	LA QUINTA (JR 255)	9.0	2.3	5.7
PST 2AG4	8.3	6.0	7.2	PENTIUM	8.3	3.0	5.7
04 BEN	9.0	5.3	7.2	CADDIESHACK II (JR 163)	9.0	2.0	5.5
				DO4 LP05	9.0	2.0	5.5

TABLE 30. GRAY LEAF SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

GRAY LEAF SPOT RATINGS 1 9; 9=NO DISEASE 2/

NAME	IN1	NJ1	MEAN
DP 17 9788	8.3	2.7	5.5
INSPIRE	9.0	2.0	5.5
MONTEREY 3 (JR 408)	9.0	2.0	5.5
PIZZAZZ	8.3	2.7	5.5
PM 102	8.3	2.7	5.5
PM 101	8.3	2.3	5.3
PALMER III	9.0	1.7	5.3
TOP GUN II (JR 324)	9.0	1.7	5.3
AFFINITY	8.3	2.0	5.2
BARLENNIUM	8.3	2.0	5.2
MACH I	8.3	2.0	5.2
PIANIST (DP 17 9505)	8.3	2.0	5.2
PREMIER II	9.0	1.3	5.2
DP 17 9499	7.7	2.3	5.0
GOALKEEPER II (JR 114)	8.3	1.7	5.0
PANTHER	9.0	1.0	5.0
PS 2	8.3	1.7	5.0
HEADSTART 2	8.3	1.3	4.8
BRIGHTSTAR SLT	7.7	1.7	4.7
APR 1648	7.7	1.3	4.5
GALATTI (DP 17 9502)	7.0	2.0	4.5
PICK 02 R	7.7	1.3	4.5
SUNSHINE 2	7.0	2.0	4.5
LPR 02203	7.7	1.0	4.3
BAR LP 4920	5.0	2.3	3.7
PINNACLE	5.7	1.0	3.3
PREMIER	4.3	2.3	3.3
LINN	4.3	1.0	2.7
LSD VALUE	1.7	1.5	1.1
C.V. (%)	12.3	20.2	15.1

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

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

TABLE 31.

PERCENT ESTABLISHMENT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA 2/

NAME	IA1	IL1	IL2	MA1	ME1	OK1	SD1	UT1	WI1	MEAN
AFFINITY	73.3	89.7	96.7	73.3	88.3	70.0	78.3	81.7	76.7	80.9
PANTHER	76.7	80.0	97.7	66.7	85.0	73.3	78.3	83.7	85.0	80.7
\$ILVER DOLLAR	73.3	89.7	99.0	60.0	81.7	68.3	70.0	85.0	88.3	79.5
RNS	80.0	93.0	96.3	66.7	73.3	66.7	70.0	84.3	83.3	79.3
PROTEGE GLR	76.7	93.3	97.7	60.0	86.7	56.7	71.7	83.7	78.3	78.3
BARLENNIUM	76.7	86.7	94.7	66.7	80.0	48.3	80.0	85.0	83.3	77.9
GL 2	76.7	88.3	96.0	66.7	78.3	51.7	71.7	87.0	83.3	77.7
CITATION FORE	80.0	91.3	95.0	63.3	73.3	65.0	63.3	85.3	81.7	77.6
EXACTA II GLSR (LTP 611 GLSR)	76.7	88.0	94.7	63.3	81.7	60.0	70.0	77.0	85.0	77.4
PIZZAZZ	80.0	80.0	96.0	60.0	81.7	68.3	68.3	77.0	83.3	77.2
LINN	80.0	80.0	99.0	63.3	75.0	53.3	78.3	88.3	76.7	77.1
BAR LP 4920	80.0	88.0	96.3	70.0	80.0	53.3	66.7	81.0	76.7	76.9
PARAGON GLR	76.7	80.0	97.3	60.0	80.0	60.0	66.7	82.7	80.0	75.9
REPELL GLS	80.0	93.3	92.7	56.7	85.0	56.7	68.3	79.0	71.7	75.9
KEYSTONE 2 (IS PR 312)	80.0	78.3	98.7	60.0	75.0	60.0	71.7	80.3	78.3	75.8
BRIGHTSTAR SLT	76.7	83.3	92.7	60.0	85.0	56.7	73.3	79.3	75.0	75.8
DP1	73.3	71.7	98.0	63.3	80.0	65.0	68.3	77.0	85.0	75.7
PREMIER	80.0	81.7	97.7	60.0	63.3	58.3	70.0	86.0	80.0	75.2
INSPIRE	76.7	93.0	96.3	60.0	78.3	41.7	68.3	82.7	78.3	75.0
MS2	76.7	80.0	93.7	60.0	80.0	56.7	65.0	82.0	80.0	74.9
DO4 11T	76.7	85.0	94.3	60.0	76.7	51.7	68.3	82.3	78.3	74.8
ALL*STAR 3 (IS PR 274)	80.0	88.3	95.3	56.7	73.3	55.0	71.7	80.3	71.7	74.7
MMW	76.7	85.0	96.3	66.7	85.0	43.3	66.7	82.0	68.3	74.4
PREMIER II	80.0	83.3	98.3	56.7	68.3	50.0	80.0	77.7	75.0	74.4
DERBY XTREME (IS PR 268)	80.0	84.7	97.7	56.7	78.3	51.7	75.0	77.3	66.7	74.2
PICK RB 1	76.7	80.0	95.7	56.7	85.0	53.3	65.0	71.7	81.7	74.0
PALMER IV	76.7	88.0	95.0	50.0	81.7	55.0	65.0	80.3	71.7	73.7
PENTIUM	80.0	86.3	91.7	60.0	63.3	48.3	76.7	70.7	83.3	73.4
PST 2GSM	76.7	81.7	96.0	56.7	75.0	51.7	61.7	77.3	83.3	73.3
PST 2LAN	76.7	88.3	96.7	56.7	85.0	33.3	68.3	80.7	73.3	73.2
AC2	80.0	80.0	96.3	53.3	70.0	55.0	61.7	82.3	80.0	73.2
DCM	76.7	83.3	95.0	63.3	75.0	50.0	68.3	77.7	68.3	73.1
MACH I	80.0	75.0	96.0	53.3	81.7	50.0	65.0	77.0	78.3	72.9
TOP GUN II (JR 324)	76.7	86.7	99.0	60.0	66.7	53.3	66.7	77.0	70.0	72.9
PLEASURE SUPREME (PM 103)	70.0	85.0	98.0	63.3	71.7	51.7	66.7	70.0	78.3	72.7
APR 1670	76.7	88.3	96.3	60.0	65.0	41.7	66.7	80.7	78.3	72.6
PINNACLE II	73.3	85.0	96.7	56.7	80.0	48.3	71.7	68.7	73.3	72.6
STELLAR GL (IS PR 236)	76.7	80.0	98.3	56.7	70.0	51.7	68.3	75.3	76.7	72.6
QUICKSILVER	76.7	78.3	95.0	50.0	86.7	46.7	71.7	77.0	71.7	72.6
APR 1648	73.3	85.0	93.7	60.0	78.3	48.3	65.0	68.0	81.7	72.6
PANTHER GLS	70.0	88.3	93.3	60.0	73.3	50.0	70.0	78.3	70.0	72.6
DO4 1667	73.3	83.3	96.3	60.0	81.7	53.3	58.3	74.7	71.7	72.5
DP 17 9788	76.7	81.7	93.7	60.0	71.7	41.7	68.3	78.3	80.0	72.4
SP4	76.7	80.0	96.7	56.7	76.7	43.3	71.7	68.7	81.7	72.4
ES45	80.0	85.0	99.0	43.3	76.7	50.0	63.3	83.0	71.7	72.4
GRAY STAR (PST 2LGL)	80.0	86.7	96.7	56.7	66.7	40.0	68.3	80.0	76.7	72.4
LINE DRIVE GLS (APR 1797)	76.7	86.7	89.7	53.3	76.7	43.3	66.7	81.7	76.7	72.4

TABLE 31. (CONT'D)

PERCENT ESTABLISHMENT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA 2/

NAME	IA1	IL1	IL2	MA1	ME1	OK1	SD1	UT1	WI1	MEAN
PST 2MNG	76.7	78.3	97.7	60.0	76.7	45.0	61.7	81.3	73.3	72.3
LPR 02203	80.0	71.7	91.3	63.3	76.7	56.7	60.0	74.0	76.7	72.3
BUENA VISTA	80.0	91.3	99.0	60.0	65.0	40.0	63.3	81.0	70.0	72.2
AMAZING GS (IS-PR 276)	76.7	78.3	96.0	66.7	70.0	53.3	66.7	70.0	71.7	72.1
REVENGE GLX (JR 348)	76.7	85.0	97.0	60.0	65.0	56.7	63.3	73.3	71.7	72.1
GOALKEEPER II (JR 114)	80.0	80.0	97.7	50.0	78.3	38.3	66.7	73.7	83.3	72.0
DP 17 9499	70.0	83.3	97.7	60.0	80.0	43.3	61.7	75.0	76.7	72.0
FIESTA 4 (PICK F4)	73.3	88.3	94.0	53.3	71.7	50.0	68.3	71.3	76.7	71.9
ATTRIBUTE (IS-PR 270)	76.7	88.3	93.7	53.3	71.7	51.7	61.7	80.0	70.0	71.9
MANHATTAN 5 GLR (PST 2AM)	80.0	85.0	94.7	56.7	75.0	51.7	60.0	64.0	80.0	71.9
E 99	80.0	80.0	95.7	50.0	73.3	58.3	60.0	74.3	75.0	71.9
GALATTI (DP 17 9502)	73.3	91.3	97.7	60.0	73.3	38.3	63.3	77.7	71.7	71.9
DO4 LPO5	76.7	76.7	96.7	53.3	76.7	51.7	71.7	71.3	71.7	71.8
MONTEREY 3 (JR 408)	73.3	70.0	98.7	56.7	78.3	50.0	71.7	79.3	68.3	71.8
BAR LP 4420	76.7	80.0	94.3	53.3	85.0	41.7	65.0	75.3	73.3	71.6
PHENOM (APR 1660)	76.7	88.0	96.0	60.0	70.0	36.7	70.0	77.0	70.0	71.6
REGAL 5 (IS PR 271)	73.3	81.7	98.0	50.0	85.0	50.0	56.7	72.3	76.7	71.5
DART (APR 1663)	80.0	78.3	92.0	60.0	66.7	46.7	66.7	80.3	71.7	71.4
SR 4600 (SRX 4SP)	76.7	78.3	93.3	53.3	61.7	48.3	71.7	79.0	80.0	71.4
PST 2AG4	80.0	91.3	96.3	50.0	75.0	38.3	68.3	76.0	66.7	71.3
CADDIESHACK II (JR 163)	76.7	78.3	96.0	53.3	85.0	46.7	55.0	77.3	73.3	71.3
ACCENT II (JR 119)	76.7	81.7	95.3	60.0	66.7	51.7	63.3	71.0	75.0	71.3
HOMERUN (RG3P)	76.7	83.3	94.3	56.7	70.0	45.0	68.3	72.7	73.3	71.1
GPR	80.0	83.3	94.7	46.7	78.3	40.0	70.0	77.0	68.3	70.9
AF	76.7	88.0	94.3	50.0	68.3	50.0	65.0	76.7	68.3	70.8
HEADSTART 2	73.3	75.0	95.3	50.0	85.0	41.7	70.0	76.0	70.0	70.7
PIANIST (DP 17 9505)	73.3	76.7	96.0	53.3	86.7	46.7	56.7	76.3	70.0	70.6
BAR LP 4317	80.0	83.3	95.3	50.0	55.0	38.3	66.7	83.7	83.3	70.6
RAD PR8	76.7	80.0	98.0	60.0	73.3	41.7	61.7	69.0	75.0	70.6
LCK	76.7	84.7	96.7	56.7	60.0	46.7	61.7	78.7	73.3	70.6
FUSION	80.0	90.0	95.0	50.0	83.3	35.0	63.3	78.3	60.0	70.6
HARRIER (SRX 4UP3)	80.0	81.7	93.0	56.7	53.3	51.7	61.7	77.0	80.0	70.6
L44	70.0	84.7	95.3	56.7	78.3	38.3	68.3	69.3	73.3	70.5
SECRETARIAT II GLSR (LTP 101 GLSR)	70.0	78.3	99.0	60.0	71.7	51.7	66.7	63.7	73.3	70.5
ASP6003 (TRS)	73.3	85.0	95.7	56.7	66.7	46.7	61.7	75.3	71.7	70.3
PRIMARY (IS PR 269)	76.7	78.3	97.3	53.3	56.7	43.3	70.0	79.0	76.7	70.1
PM 101	73.3	85.0	96.7	46.7	76.7	50.0	68.3	70.3	63.3	70.0
ASP6002 (BPR)	73.3	78.3	95.3	63.3	70.0	41.7	63.3	73.3	68.3	69.7
OVERDRIVE	76.7	88.3	98.7	50.0	60.0	41.7	70.0	75.0	66.7	69.7
PS 2	76.7	73.3	96.0	50.0	73.3	43.3	60.0	76.0	78.3	69.7
PALACE (IS PR 273)	73.3	76.7	93.7	50.0	71.7	43.3	63.3	79.7	75.0	69.6
PST 2BLK	70.0	75.0	95.3	53.3	83.3	38.3	63.3	76.3	71.7	69.6
PINNACLE	76.7	81.7	98.0	53.3	63.3	50.0	61.7	71.0	70.0	69.5
KOKOMO II (IS-PR 235)	76.7	78.3	96.3	60.0	50.0	48.3	63.3	75.3	76.7	69.4
1G2 (APR 1664)	76.7	86.7	96.0	53.3	70.0	36.7	65.0	77.7	61.7	69.3
FIREBOLT (PRG HS 01 09)	76.7	81.7	93.3	53.3	70.0	41.7	58.3	73.0	73.3	69.0
TR47	76.7	75.0	98.0	53.3	73.3	35.0	63.3	78.3	68.3	69.0

TABLE 31. (CONT'D)

PERCENT ESTABLISHMENT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA 2/

NAME	IA1	IL1	IL2	MA1	ME1	OK1	SD1	UT1	WI1	MEAN
VB77	73.3	86.7	97.0	53.3	56.7	45.0	55.0	77.0	76.7	69.0
SNR	73.3	78.3	96.3	53.3	70.0	41.7	60.0	75.0	71.7	68.9
DELAWARE XL (PICK 01-2)	76.7	75.0	94.0	53.3	58.3	48.3	68.3	73.0	71.7	68.7
PM 102	76.7	73.3	94.7	50.0	75.0	48.3	60.0	70.3	70.0	68.7
ASP6001 (RTS)	76.7	78.3	93.3	56.7	70.0	41.7	65.0	71.0	65.0	68.6
CABO II (IS-PR 233)	76.7	80.0	96.0	50.0	71.7	43.3	58.3	69.0	71.7	68.5
HALO (KN42)	73.3	86.3	96.7	53.3	65.0	40.0	61.7	76.3	63.3	68.4
PICK Q2 R	73.3	88.3	95.7	46.7	71.7	35.0	63.3	67.0	73.3	68.3
WIND DANCE 2 (PWDR)	70.0	76.7	93.3	56.7	65.0	45.0	60.0	69.3	78.3	68.3
SUNSHINE 2	73.3	76.7	97.3	46.7	56.7	51.7	68.3	68.0	73.3	68.0
ASP6005 (AJM)	76.7	75.0	97.7	46.7	53.3	51.7	63.3	74.7	70.0	67.7
APPLE GL (AAZ B104)	76.7	83.3	94.3	50.0	65.0	33.3	58.3	72.3	75.0	67.6
CHARISMATIC II GLSR (LTP PG GLSR)	70.0	75.0	95.3	50.0	56.7	46.7	61.7	80.0	71.7	67.4
DO4 UP	76.7	78.3	93.0	53.3	65.0	40.0	56.7	75.7	68.3	67.4
PRESIDIO (CNV)	70.0	73.3	97.7	46.7	73.3	41.7	60.0	78.0	65.0	67.3
SRX 4682	80.0	76.7	91.0	53.3	65.0	38.3	61.7	70.7	68.3	67.2
VB99	76.7	78.3	97.0	53.3	56.7	41.7	70.0	64.7	65.0	67.0
PST 217	76.7	85.0	92.7	50.0	50.0	45.0	58.3	76.7	68.3	67.0
PALMER III	76.7	73.3	93.3	40.0	65.0	40.0	66.7	75.0	70.0	66.7
ASP6006 (LPFG)	80.0	86.7	96.0	56.7	41.7	36.7	63.3	67.7	68.3	66.3
ASP6004 (EXS54)	73.3	73.3	97.3	56.7	38.3	46.7	58.3	70.0	73.3	65.3
SRX 4692	80.0	78.3	96.0	53.3	58.3	26.7	55.0	72.7	60.0	64.5
04 BEN	73.3	76.7	95.7	43.3	60.0	36.7	56.7	72.7	61.7	64.1
04 BRE	76.7	68.3	94.0	43.3	56.7	30.0	58.3	73.7	68.3	63.3
LA QUINTA (JR 255)	73.3	70.0	93.7	46.7	41.7	40.0	61.7	75.3	66.7	63.2
LSD VALUE	9.4	16.1	6.4	13.6	24.7	19.3	14.2	10.9	12.5	5.0
C.V. (%)	7.6	12.2	4.2	15.2	21.5	25.2	13.5	8.9	10.5	13.0

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

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

TABLE 32. PERCENT PINK SNOW MOLD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA 2/

NAME	UT1	NAME	UT1
PST 2BLK	55.3	PICK 02 R	20.0
PST 2AG4	36.3	PRESIDIO (CNV)	20.0
SRX 4692	35.0	FIESTA 4 (PICK F4)	19.7
VB77	34.3	FIREBOLT (PRG HS 01 09)	19.7
PALACE (IS PR 273)	32.0	ASP6002 (BPR)	19.3
ASP6001 (RTS)	31.0	ASP6003 (TRS)	19.3
QUICKSILVER	30.0	PST 2GSM	19.3
HARRIER (SRX 4UP3)	29.3	APPLE GL (AAZ B104)	19.0
REPELL GLS	29.3	HALO (KN42)	19.0
LPR 02203	28.7	MMW	19.0
INSPIRE	28.3	MONTEREY 3 (JR 408)	19.0
CADDIESHACK II (JR 163)	27.7	TR47	19.0
PRIMARY (IS PR 269)	27.7	DELAWARE XL (PICK 01-2)	18.7
REVENGE GLX (JR 348)	27.7	PST 217	18.3
BARLENNIUM	27.0	SECRETARIAT II GLSR (LTP 101 GLSR)	18.3
04 BRE	26.7	SNR	18.3
CITATION FORE	26.3	LINN	18.0
GPR	26.0	ASP6004 (EXS54)	17.7
ACCENT II (JR 119)	25.0	STELLAR GL (IS PR 236)	17.7
LCK	25.0	SP4	17.7
ES45	24.7	PINNACLE II	17.3
1G2 (APR 1664)	24.3	PM 102	17.3
L44	24.3	SILVER DOLLAR	17.0
RNS	24.3	APR 1670	17.0
REGAL 5 (IS PR 271)	23.7	LINE DRIVE GLS (APR 1797)	17.0
SUNSHINE 2	23.7	PROTEGE GLR	17.0
VB99	23.0	PS 2	17.0
BAR LP 4920	22.7	WIND DANCE 2 (PWDR)	17.0
PIANIST (DP 17 9505)	22.7	SRX 4682	17.0
GALATTI (DP 17 9502)	22.3	TOP GUN II (JR 324)	17.0
GOALKEEPER II (JR 114)	22.3	BAR LP 4317	16.7
CABO II (IS-PR 233)	22.3	D04 UP	16.7
LA QUINTA (JR 255)	22.3	DERBY XTREME (IS PR 268)	16.7
PST 2LAN	22.3	PALMER III	16.7
SR 4600 (SRX 4SP)	22.3	AF	16.3
PREMIER II	22.0	BUENA VISTA	16.3
DP 17 9499	21.7	04 BEN	16.0
D04 11T	21.3	MS2	16.0
BAR LP 4420	21.0	HOMERUN (RG3P)	16.0
GRAY STAR (PST 2LGL)	21.0	D04 LPO5	15.7
ASP6005 (AJM)	20.7	DP 17 9788	15.7
ASP6006 (LPFG)	20.7	PANTHER GLS	15.7
KEYSTONE 2 (IS PR 312)	20.7	PIZZAZZ	15.3
FUSION	20.3	PM 101	15.3
AC2	20.0	PREMIER	15.3
HEADSTART 2	20.0	BRIGHTSTAR SLT	15.0
		DP1	15.0

TABLE 32. PERCENT PINK SNOW MOLD RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA 2/

NAME	UT1
AMAZING GS (IS-PR 276)	15.0
CHARISMATIC II GLSR (LTP PG GLSR)	14.7
GL 2	14.7
OVERDRIVE	14.7
PENTIUM	14.7
RAD PR8	14.7
D04 1667	14.3
DCM	14.3
DART (APR 1663)	14.0
PANTHER	14.0
PLEASURE SUPREME (PM 103)	14.0
KOKOMO II (IS-PR 235)	13.7
ATTRIBUTE (IS-PR 270)	13.7
MACH I	13.7
PALMER IV	13.7
PHENOM (APR 1660)	13.3
MANHATTAN 5 GLR (PST 2AM)	13.0
PARAGON GLR	13.0
AFFINITY	12.7
ALL*STAR 3 (IS PR 274)	12.7
E 99	12.7
EXACTA II GLSR (LTP 611 GLSR)	12.7
PST 2MNG	12.7
PICK RB 1	12.0
PINNACLE	12.0
APR 1648	11.0
LSD VALUE	14.1
C.V. (%)	44.1

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 33. BROWN PATCH / BIPOLARIS LEAF SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

BROWN PATCH / BIPOLARIS LEAF SPOT RATINGS 1 9; 9=NO DISEASE 2/

NAME	IL2	NAME	IL2
GOALKEEPER II (JR 114)	8.7	APPLE GL (AAZ B104)	6.7
OVERDRIVE	8.7	ACCENT II (JR 119)	6.7
ATTRIBUTE (IS-PR 270)	8.3	ASP6001 (RTS)	6.7
GPR	8.0	ASP6006 (LPFG)	6.7
KEYSTONE 2 (IS PR 312)	8.0	BAR LP 4920	6.7
PALACE (IS PR 273)	8.0	BUENA VISTA	6.7
PALMER III	8.0	CHARISMATIC II GLSR (LTP PG GLSR)	6.7
REPELL GLS	8.0	DERBY XTREME (IS PR 268)	6.7
VB77	8.0	FIESTA 4 (PICK F4)	6.7
\$ILVER DOLLAR	7.7	INSPIRE	6.7
DO4 1667	7.7	STELLAR GL (IS PR 236)	6.7
FIREBOLT (PRG HS 01 09)	7.7	MMW	6.7
GALATTI (DP 17 9502)	7.7	PARAGON GLR	6.7
GL 2	7.7	PIANIST (DP 17 9505)	6.7
MACH I	7.7	PICK RB 1	6.7
MONTEREY 3 (JR 408)	7.7	PREMIER	6.7
PM 102	7.7	HOMERUN (RG3P)	6.7
PRIMARY (IS PR 269)	7.7	SECRETARIAT II GLSR (LTP 101 GLSR)	6.7
RNS	7.7	VB99	6.7
ALL*STAR 3 (IS PR 274)	7.3	DART (APR 1663)	6.3
APR 1648	7.3	BARLENNIUM	6.3
1G2 (APR 1664)	7.3	CITATION FORE	6.3
ASP6004 (EXS54)	7.3	CABO II (IS-PR 233)	6.3
CADDIESHACK II (JR 163)	7.3	L44	6.3
DCM	7.3	PALMER IV	6.3
DP 17 9499	7.3	PANTHER	6.3
LCK	7.3	PENTIUM	6.3
PM 101	7.3	PLEASURE SUPREME (PM 103)	6.3
SR 4600 (SRX 4SP)	7.3	PREMIER II	6.3
AC2	7.0	SRX 4682	6.3
AF	7.0	SRX 4692	6.3
ASP6003 (TRS)	7.0	O4 BEN	6.0
ASP6005 (AJM)	7.0	PHENOM (APR 1660)	6.0
DP1	7.0	APR 1670	6.0
E 99	7.0	ASP6002 (BPR)	6.0
AMAZING GS (IS-PR 276)	7.0	BRIGHTSTAR SLT	6.0
MS2	7.0	DO4 11T	6.0
PANTHER GLS	7.0	DO4 UP	6.0
PINNACLE II	7.0	FUSION	6.0
PS 2	7.0	PICK O2 R	6.0
PST 2GSM	7.0	PINNACLE	6.0
PST 2LAN	7.0	PRESIDIO (CNV)	6.0
REGAL 5 (IS PR 271)	7.0	PST 2BLK	6.0
REVENGE GLX (JR 348)	7.0	PST 2MNG	6.0
TOP GUN II (JR 324)	7.0	WIND DANCE 2 (PWDR)	6.0
		QUICKSILVER	6.0

TABLE 33. BROWN PATCH / BIPOLARIS LEAF SPOT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

BROWN PATCH / BIPOLARIS LEAF SPOT RATINGS 1 9; 9=NO DISEASE 2/

NAME	IL2
RAD PR8	6.0
TR47	6.0
D04 LP05	5.7
DP 17 9788	5.7
EXACTA II GLSR (LTP 611 GLSR)	5.7
HALO (KN42)	5.7
HEADSTART 2	5.7
LPR 02203	5.7
MANHATTAN 5 GLR (PST 2AM)	5.7
PST 217	5.7
PST 2AG4	5.7
SUNSHINE 2	5.7
AFFINITY	5.3
BAR LP 4420	5.3
ES45	5.3
GRAY STAR (PST 2LGL)	5.3
KOKOMO II (IS-PR 235)	5.3
LA QUINTA (JR 255)	5.3
LINE DRIVE GLS (APR 1797)	5.3
DELAWARE XL (PICK 01-2)	5.3
SNR	5.3
SP4	5.3
BAR LP 4317	5.0
LINN	4.7
PIZZAZZ	4.7
04 BRE	4.3
HARRIER (SRX 4UP3)	4.0
PROTEGE GLR	3.7
LSD VALUE	1.6
C.V. (%)	15.4

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 34.

BROWN BLIGHT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

BROWN BLIGHT RATINGS 1 9; 9=NO DISEASE 2/

NAME	OR1	NAME	OR1
APPLE GL (AAZ B104)	9.0	REPELL GLS	8.0
ALL*STAR 3 (IS PR 274)	9.0	SECRETARIAT II GLSR (LTP 101 GLSR)	8.0
APR 1648	9.0	CHARISMATIC II GLSR (LTP PG GLSR)	7.7
BUENA VISTA	9.0	CITATION FORE	7.7
D04 11T	9.0	PIANIST (DP 17 9505)	7.7
DERBY XTREME (IS PR 268)	9.0	\$ILVER DOLLAR	7.3
DP1	9.0	ASP6004 (EXS54)	7.3
EXACTA II GLSR (LTP 611 GLSR)	9.0	BAR LP 4420	7.3
FIESTA 4 (PICK F4)	9.0	LINE DRIVE GLS (APR 1797)	7.3
FUSION	9.0	04 BRE	7.0
GL 2	9.0	APR 1670	7.0
HARRIER (SRX 4UP3)	9.0	ASP6006 (LPFG)	7.0
CABO II (IS-PR 233)	9.0	DP 17 9499	7.0
KOKOMO II (IS-PR 235)	9.0	E 99	7.0
STELLAR GL (IS PR 236)	9.0	ES45	7.0
ATTRIBUTE (IS-PR 270)	9.0	FIREBOLT (PRG HS 01 09)	7.0
AMAZING GS (IS-PR 276)	9.0	GALATTI (DP 17 9502)	7.0
LCK	9.0	LA QUINTA (JR 255)	7.0
PALACE (IS PR 273)	9.0	DELAWARE XL (PICK 01-2)	7.0
PALMER IV	9.0	PIZZAZZ	7.0
PICK RB 1	9.0	PST 217	7.0
PRIMARY (IS PR 269)	9.0	SRX 4682	7.0
PROTEGE GLR	9.0	VB77	7.0
REGAL 5 (IS PR 271)	9.0	VB99	7.0
REVENGE GLX (JR 348)	9.0	04 BEN	6.7
HOMERUN (RG3P)	9.0	D04 1667	6.7
RNS	9.0	HEADSTART 2	6.7
SR 4600 (SRX 4SP)	9.0	MANHATTAN 5 GLR (PST 2AM)	6.7
AF	8.7	PANTHER GLS	6.7
PHENOM (APR 1660)	8.7	PICK 02 R	6.7
1G2 (APR 1664)	8.7	PRESIDIO (CNV)	6.7
D04 UP	8.7	RAD PR8	6.7
KEYSTONE 2 (IS PR 312)	8.7	SP4	6.7
MMW	8.7	SUNSHINE 2	6.7
PARAGON GLR	8.7	AFFINITY	6.3
PINNACLE II	8.7	ASP6003 (TRS)	6.3
DART (APR 1663)	8.3	BARLENNIUM	6.3
PM 101	8.3	PLEASURE SUPREME (PM 103)	6.3
PM 102	8.3	PST 2AG4	6.3
PST 2GSM	8.3	PST 2MNG	6.3
D04 LP05	8.0	WIND DANCE 2 (PWDR)	6.3
DCM	8.0	QUICKSILVER	6.3
MACH I	8.0	TR47	6.3
MS2	8.0	ASP6002 (BPR)	6.0
OVERDRIVE	8.0	BAR LP 4920	6.0
		BRIGHTSTAR SLT	6.0

TABLE 34. BROWN BLIGHT RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

BROWN BLIGHT RATINGS 1 9; 9=NO DISEASE 2/

NAME	OR1
DP 17 9788	6.0
GPR	6.0
GRAY STAR (PST 2LGL)	6.0
HALO (KN42)	6.0
L44	6.0
PS 2	6.0
PST 2LAN	6.0
SNR	6.0
SRX 4692	6.0
AC2	5.7
ASP6005 (AJM)	5.7
PANTHER	5.7
TOP GUN II (JR 324)	5.7
CADDIESHACK II (JR 163)	5.3
INSPIRE	5.3
PALMER III	5.3
GOALKEEPER II (JR 114)	5.0
PENTIUM	5.0
PREMIER	5.0
PREMIER II	5.0
ASP6001 (RTS)	4.7
MONTEREY 3 (JR 408)	4.7
PINNACLE	4.7
PST 2BLK	4.7
BAR LP 4317	4.3
ACCENT II (JR 119)	4.0
LPR 02203	3.7
LINN	3.3
LSD VALUE	1.4
C.V. (%)	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 35.

CROWN RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS
AT ST. PAUL, MN 1/
2005 DATA
CROWN RUST RATINGS 1 9; 9=NO DISEASE 2/

NAME	CROWN RUST JULY 12	CROWN RUST JULY 25	CROWN RUST MEAN	NAME	CROWN RUST JULY 12	CROWN RUST JULY 25	CROWN RUST MEAN
AF	7.3	7.3	7.3	E 99	5.3	5.0	5.2
EXACTA II GLSR (LTP 611 GLSR)	7.3	7.3	7.3	FUSION	5.7	4.7	5.2
RNS	8.0	6.7	7.3	MACH I	6.3	4.0	5.2
PICK RB 1	7.3	7.0	7.2	OVERDRIVE	5.7	4.7	5.2
ALL*STAR 3 (IS PR 274)	7.0	7.0	7.0	VB99	6.0	4.3	5.2
APR 1648	7.7	6.3	7.0	DART (APR 1663)	6.3	3.7	5.0
GL 2	7.3	6.0	6.7	BAR LP 4317	5.0	5.0	5.0
KEYSTONE 2 (IS PR 312)	7.3	6.0	6.7	MS2	5.3	4.7	5.0
MMW	7.0	6.3	6.7	PRESIDIO (CNV)	6.0	4.0	5.0
DERBY XTREME (IS PR 268)	7.3	5.7	6.5	PST 2MNG	5.3	4.7	5.0
DP1	7.3	5.7	6.5	QUICKSILVER	5.3	4.7	5.0
PROTEGE GLR	6.7	6.3	6.5	BRIGHTSTAR SLT	5.0	4.7	4.8
SECRETARIAT II GLSR (LTP 101 GLSR)	6.7	6.3	6.5	ES45	5.7	4.0	4.8
APPLE GL (AAZ B104)	6.7	6.0	6.3	GPR	5.7	4.0	4.8
1G2 (APR 1664)	6.7	6.0	6.3	04 BEN	5.3	4.0	4.7
LCK	7.0	5.7	6.3	BAR LP 4920	5.3	4.0	4.7
PANTHER GLS	7.0	5.7	6.3	D04 1667	5.3	4.0	4.7
SR 4600 (SRX 4SP)	7.3	5.3	6.3	LINE DRIVE GLS (APR 1797)	5.0	4.3	4.7
DO4 UP	6.7	5.7	6.2	LINN	4.7	4.7	4.7
MANHATTAN 5 GLR (PST 2AM)	6.7	5.7	6.2	PM 101	5.3	4.0	4.7
PRIMARY (IS PR 269)	7.0	5.3	6.2	L44	5.3	3.7	4.5
DO4 11T	6.7	5.3	6.0	SNR	5.0	4.0	4.5
CABO II (IS-PR 233)	7.0	5.0	6.0	SUNSHINE 2	5.0	4.0	4.5
PALACE (IS PR 273)	6.7	5.3	6.0	VB77	5.0	4.0	4.5
PALMER IV	7.0	5.0	6.0	ACCENT II (JR 119)	4.7	4.0	4.3
PST 217	6.0	6.0	6.0	ASP6003 (TRS)	5.0	3.7	4.3
REGAL 5 (IS PR 271)	6.3	5.7	6.0	ASP6004 (EXS54)	5.0	3.7	4.3
CHARISMATIC II GLSR (LTP PG GLSR)	6.7	5.0	5.8	ASP6006 (LPFG)	5.3	3.3	4.3
FIESTA 4 (PICK F4)	6.7	5.0	5.8	CITATION FORE	5.0	3.7	4.3
HARRIER (SRX 4UP3)	6.7	5.0	5.8	PLEASURE SUPREME (PM 103)	4.7	4.0	4.3
PST 2GSM	6.3	5.3	5.8	WIND DANCE 2 (PWDR)	4.7	4.0	4.3
PST 2LAN	6.3	5.3	5.8	RAD PR8	5.3	3.3	4.3
BUENA VISTA	6.0	5.3	5.7	BAR LP 4420	4.3	4.0	4.2
ATTRIBUTE (IS-PR 270)	6.3	5.0	5.7	DP 17 9499	4.7	3.7	4.2
PARAGON GLR	6.3	5.0	5.7	DP 17 9788	5.0	3.3	4.2
DO4 LP05	6.0	5.0	5.5	GALATTI (DP 17 9502)	5.3	3.0	4.2
DCM	6.3	4.7	5.5	GRAY STAR (PST 2LGL)	5.0	3.3	4.2
STELLAR GL (IS PR 236)	6.3	4.7	5.5	LA QUINTA (JR 255)	4.7	3.7	4.2
AMAZING GS (IS-PR 276)	6.7	4.3	5.5	PIANIST (DP 17 9505)	5.0	3.3	4.2
PINNACLE II	6.7	4.3	5.5	PICK 02 R	4.3	4.0	4.2
PIZZAZZ	6.7	4.3	5.5	\$ILVER DOLLAR	5.0	3.0	4.0
REPELL GLS	6.0	5.0	5.5	ASP6005 (AJM)	4.7	3.3	4.0
REVENGE GLX (JR 348)	6.3	4.7	5.5	HALO (KN42)	5.0	3.0	4.0
04 BRE	5.7	5.0	5.3	INSPIRE	4.7	3.3	4.0
KOKOMO II (IS-PR 235)	6.3	4.3	5.3	PALMER III	4.3	3.7	4.0
PST 2AG4	6.0	4.7	5.3	SP4	5.0	3.0	4.0
HOMERUN (RG3P)	6.0	4.7	5.3	SRX 4682	4.3	3.7	4.0

TABLE 35. CROWN RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS
 (CONT'D) AT ST. PAUL, MN 1/
 2005 DATA
 CROWN RUST RATINGS 1 9; 9=NO DISEASE 2/

NAME	CROWN RUST JULY 12	CROWN RUST JULY 25	CROWN RUST MEAN
AC2	4.0	3.7	3.8
ASP6002 (BPR)	4.3	3.3	3.8
SRX 4692	4.7	3.0	3.8
FIREBOLT (PRG HS 01 09)	4.0	3.3	3.7
HEADSTART 2	4.3	3.0	3.7
MONTEREY 3 (JR 408)	4.3	3.0	3.7
PANTHER	4.3	3.0	3.7
PST 2BLK	4.7	2.7	3.7
TOP GUN II (JR 324)	3.7	3.7	3.7
TR47	4.7	2.7	3.7
PHENOM (APR 1660)	4.3	2.7	3.5
DELAWARE XL (PICK 01-2)	4.0	3.0	3.5
PS 2	4.0	3.0	3.5
AFFINITY	3.7	3.0	3.3
APR 1670	4.0	2.7	3.3
BARLENNIUM	4.0	2.7	3.3
PREMIER II	4.3	2.3	3.3
ASP6001 (RTS)	3.7	2.7	3.2
CADDIESHACK II (JR 163)	3.3	3.0	3.2
GOALKEEPER II (JR 114)	3.3	3.0	3.2
LPR 02203	3.7	2.7	3.2
PINNACLE	3.3	3.0	3.2
PENTIUM	4.0	2.0	3.0
PM 102	3.3	2.3	2.8
PREMIER	2.7	2.7	2.7
LSD VALUE	1.4	1.4	1.2
C.V. (%)	16.0	20.5	15.5

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 36. VELOCITY7 (BISPYRIBAC SODIUM) INJURY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

VELOCITY7		INJURY RATINGS 1 9; 9=NO INJURY 2/	
NAME	PA1	NAME	PA1
\$ILVER DOLLAR	9.0	PENTIUM	8.7
AC2	9.0	PICK 02 R	8.7
ACCENT II (JR 119)	9.0	PM 102	8.7
ASP6001 (RTS)	9.0	PS 2	8.7
ASP6002 (BPR)	9.0	RAD PR8	8.7
ASP6003 (TRS)	9.0	SECRETARIAT II GLSR (LTP 101 GLSR)	8.7
ASP6004 (EXS54)	9.0	SNR	8.7
ASP6005 (AJM)	9.0	TR47	8.7
ASP6006 (LPFG)	9.0	CADDIESHACK II (JR 163)	8.3
BRIGHTSTAR SLT	9.0	DCM	8.3
DP 17 9788	9.0	GL 2	8.3
FIREBOLT (PRG HS 01 09)	9.0	HEADSTART 2	8.3
GALATTI (DP 17 9502)	9.0	STELLAR GL (IS PR 236)	8.3
GOALKEEPER II (JR 114)	9.0	LA QUINTA (JR 255)	8.3
GPR	9.0	LINN	8.3
GRAY STAR (PST 2LGL)	9.0	PALMER III	8.3
INSPIRE	9.0	PIZZAZZ	8.3
CABO II (IS-PR 233)	9.0	PST 2BLK	8.3
L44	9.0	AFFINITY	8.0
MANHATTAN 5 GLR (PST 2AM)	9.0	BUENA VISTA	8.0
MONTEREY 3 (JR 408)	9.0	DERBY XTREME (IS PR 268)	8.0
MS2	9.0	ES45	8.0
PLEASURE SUPREME (PM 103)	9.0	FIESTA 4 (PICK F4)	8.0
PREMIER	9.0	KOKOMO II (IS-PR 235)	8.0
PRESIDIO (CNV)	9.0	ATTRIBUTE (IS-PR 270)	8.0
PST 217	9.0	LPR 02203	8.0
PST 2AG4	9.0	PALACE (IS PR 273)	8.0
PST 2GSM	9.0	PINNACLE II	8.0
PST 2LAN	9.0	PROTEGE GLR	8.0
PST 2MNG	9.0	AF	7.7
WIND DANCE 2 (PWDR)	9.0	CHARISMATIC II GLSR (LTP PG GLSR)	7.7
QUICKSILVER	9.0	DO4 11T	7.7
REVENGE GLX (JR 348)	9.0	DO4 1667	7.7
HOMERUN (RG3P)	9.0	MMW	7.7
SP4	9.0	OVERDRIVE	7.7
TOP GUN II (JR 324)	9.0	PALMER IV	7.7
VB77	9.0	PARAGON GLR	7.7
VB99	9.0	PM 101	7.7
04 BEN	8.7	REGAL 5 (IS PR 271)	7.7
04 BRE	8.7	APPLE GL (AAZ B104)	7.3
CITATION FORE	8.7	ALL*STAR 3 (IS PR 274)	7.3
DO4 LP05	8.7	DP1	7.3
HALO (KN42)	8.7	EXACTA II GLSR (LTP 611 GLSR)	7.3
AMAZING GS (IS-PR 276)	8.7	PICK RB 1	7.3
KEYSTONE 2 (IS PR 312)	8.7	PRIMARY (IS PR 269)	7.3
		RNS	7.3

TABLE 36. VELOCITY7 (BISPYRIBAC SODIUM) INJURY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

VELOCITY7 INJURY RATINGS 1 9; 9=NO INJURY 2/	
NAME	PA1
SUNSHINE 2	7.3
LCK	7.0
FUSION	6.7
LINE DRIVE GLS (APR 1797)	6.7
DART (APR 1663)	6.3
1G2 (APR 1664)	6.3
PANTHER	6.3
DELAWARE XL (PICK 01-2)	6.3
SRX 4692	6.3
BAR LP 4317	6.0
D04 UP	6.0
E 99	6.0
HARRIER (SRX 4UP3)	6.0
MACH I	6.0
PANTHER GLS	6.0
PREMIER II	5.3
REPELL GLS	5.0
DP 17 9499	4.7
APR 1670	4.3
BAR LP 4920	4.3
BARLENNIUM	4.3
PIANIST (DP 17 9505)	4.3
PHENOM (APR 1660)	4.0
BAR LP 4420	4.0
SR 4600 (SRX 4SP)	4.0
SRX 4682	2.3
PINNACLE	2.0
APR 1648	1.0
LSD VALUE	1.1
C.V. (%)	8.8

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 37.

WINTER DAMAGE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

WINTER DAMAGE RATINGS 1 9; 9=NO DAMAGE 2/

NAME	MN1	NAME	MN1
CADDIESHACK II (JR 163)	6.3	SRX 4682	5.0
MACH I	6.3	04 BEN	4.7
1G2 (APR 1664)	6.0	ACCENT II (JR 119)	4.7
ASP6006 (LPFG)	6.0	BAR LP 4317	4.7
GOALKEEPER II (JR 114)	6.0	D04 LP05	4.7
APR 1648	5.7	GPR	4.7
ASP6003 (TRS)	5.7	MANHATTAN 5 GLR (PST 2AM)	4.7
GALATTI (DP 17 9502)	5.7	PALACE (IS PR 273)	4.7
OVERDRIVE	5.7	PINNACLE II	4.7
PANTHER GLS	5.7	PREMIER II	4.7
PRESIDIO (CNV)	5.7	RAD PR8	4.7
WIND DANCE 2 (PWDR)	5.7	REVENGE GLX (JR 348)	4.7
SECRETARIAT II GLSR (LTP 101 GLSR)	5.7	SP4	4.7
VB77	5.7	SRX 4692	4.7
04 BRE	5.3	TR47	4.7
DART (APR 1663)	5.3	ALL*STAR 3 (IS PR 274)	4.3
ASP6001 (RTS)	5.3	BAR LP 4920	4.3
ASP6002 (BPR)	5.3	CITATION FORE	4.3
BAR LP 4420	5.3	EXACTA II GLSR (LTP 611 GLSR)	4.3
DP 17 9499	5.3	GRAY STAR (PST 2LGL)	4.3
DP1	5.3	HALO (KN42)	4.3
ES45	5.3	CABO II (IS-PR 233)	4.3
L44	5.3	KEYSTONE 2 (IS PR 312)	4.3
LA QUINTA (JR 255)	5.3	MONTEREY 3 (JR 408)	4.3
SUNSHINE 2	5.3	DELAWARE XL (PICK 01-2)	4.3
VB99	5.3	PLEASURE SUPREME (PM 103)	4.3
AF	5.0	PST 2LAN	4.3
CHARISMATIC II GLSR (LTP PG GLSR)	5.0	REGAL 5 (IS PR 271)	4.3
DCM	5.0	SR 4600 (SRX 4SP)	4.3
DP 17 9788	5.0	APPLE GL (AAZ B104)	4.0
GL 2	5.0	ASP6005 (AJM)	4.0
HEADSTART 2	5.0	BARLENNIUM	4.0
LCK	5.0	BRIGHTSTAR SLT	4.0
MS2	5.0	BUENA VISTA	4.0
PALMER III	5.0	D04 1667	4.0
PIANIST (DP 17 9505)	5.0	FIREBOLT (PRG HS 01 09)	4.0
PICK 02 R	5.0	HARRIER (SRX 4UP3)	4.0
PICK RB 1	5.0	INSPIRE	4.0
PIZZAZZ	5.0	MMW	4.0
PREMIER	5.0	PALMER IV	4.0
PST 217	5.0	PENTIUM	4.0
PST 2MNG	5.0	PST 2BLK	4.0
HOMERUN (RG3P)	5.0	REPELL GLS	4.0
RNS	5.0	\$ILVER DOLLAR	3.7
SNR	5.0	AC2	3.7
		ASP6004 (EXS54)	3.7

TABLE 37. WINTER DAMAGE RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

WINTER DAMAGE RATINGS 1 9; 9=NO DAMAGE 2/

NAME	MN1
DERBY XTREME (IS PR 268)	3.7
E 99	3.7
FUSION	3.7
KOKOMO II (IS-PR 235)	3.7
STELLAR GL (IS PR 236)	3.7
LPR 02203	3.7
PINNACLE	3.7
PM 101	3.7
PS 2	3.7
PST 2GSM	3.7
APR 1670	3.3
D04 11T	3.3
FIESTA 4 (PICK F4)	3.3
ATTRIBUTE (IS-PR 270)	3.3
AMAZING GS (IS-PR 276)	3.3
LINE DRIVE GLS (APR 1797)	3.3
PARAGON GLR	3.3
PM 102	3.3
PRIMARY (IS PR 269)	3.3
PROTEGE GLR	3.3
PST 2AG4	3.3
AFFINITY	3.0
PHENOM (APR 1660)	3.0
D04 UP	3.0
PANTHER	3.0
TOP GUN II (JR 324)	3.0
QUICKSILVER	2.7
LINN	1.0
LSD VALUE	2.3
C.V. (%)	31.6

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 38. LOW TEMPERATURE INJURY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

LOW TEMPERATURE INJURY RATINGS 1 9; 9=NO INJURY 2/

NAME	SD1	NAME	SD1
04 BRE	6.7	PM 102	5.7
AC2	6.7	PROTEGE GLR	5.7
L44	6.7	PS 2	5.7
ASP6001 (RTS)	6.3	PST 2AG4	5.7
ASP6002 (BPR)	6.3	REGAL 5 (IS PR 271)	5.7
D04 1667	6.3	TOP GUN II (JR 324)	5.7
FIREBOLT (PRG HS 01 09)	6.3	VB99	5.7
CABO II (IS-PR 233)	6.3	04 BEN	5.3
LA QUINTA (JR 255)	6.3	AF	5.3
OVERDRIVE	6.3	1G2 (APR 1664)	5.3
DELAWARE XL (PICK 01-2)	6.3	APR 1670	5.3
PICK 02 R	6.3	ASP6006 (LPFG)	5.3
PRESIDIO (CNV)	6.3	BUENA VISTA	5.3
SUNSHINE 2	6.3	CADDIESHACK II (JR 163)	5.3
VB77	6.3	D04 11T	5.3
ALL*STAR 3 (IS PR 274)	6.0	DERBY XTREME (IS PR 268)	5.3
D04 LP05	6.0	DP1	5.3
DP 17 9499	6.0	GALATTI (DP 17 9502)	5.3
DP 17 9788	6.0	INSPIRE	5.3
E 99	6.0	KOKOMO II (IS-PR 235)	5.3
GOALKEEPER II (JR 114)	6.0	AMAZING GS (IS-PR 276)	5.3
HEADSTART 2	6.0	LCK	5.3
KEYSTONE 2 (IS PR 312)	6.0	MMW	5.3
MS2	6.0	MONTEREY 3 (JR 408)	5.3
PARAGON GLR	6.0	PALACE (IS PR 273)	5.3
PIANIST (DP 17 9505)	6.0	PALMER IV	5.3
PICK RB 1	6.0	PANTHER GLS	5.3
PM 101	6.0	PST 217	5.3
PLEASURE SUPREME (PM 103)	6.0	PST 2BLK	5.3
WIND DANCE 2 (PWDR)	6.0	PST 2MNG	5.3
SNR	6.0	REPELL GLS	5.3
SR 4600 (SRX 4SP)	6.0	REVENGE GLX (JR 348)	5.3
SRX 4692	6.0	SP4	5.3
TR47	6.0	APPLE GL (AAZ B104)	5.0
APR 1648	5.7	ACCENT II (JR 119)	5.0
ASP6003 (TRS)	5.7	PHENOM (APR 1660)	5.0
ASP6004 (EXS54)	5.7	BAR LP 4317	5.0
ASP6005 (AJM)	5.7	BAR LP 4420	5.0
ES45	5.7	BAR LP 4920	5.0
FIESTA 4 (PICK F4)	5.7	D04 UP	5.0
GPR	5.7	DCM	5.0
GRAY STAR (PST 2LGL)	5.7	EXACTA II GLSR (LTP 611 GLSR)	5.0
HALO (KN42)	5.7	FUSION	5.0
ATTRIBUTE (IS-PR 270)	5.7	STELLAR GL (IS PR 236)	5.0
MANHATTAN 5 GLR (PST 2AM)	5.7	LINE DRIVE GLS (APR 1797)	5.0
		MACH I	5.0

TABLE 38. LOW TEMPERATURE INJURY RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

LOW TEMPERATURE INJURY RATINGS 1 9; 9=NO INJURY 2/

NAME	SD1
PRIMARY (IS PR 269)	5.0
RAD PR8	5.0
RNS	5.0
CHARISMATIC II GLSR (LTP PG GLSR)	4.7
CITATION FORE	4.7
HARRIER (SRX 4UP3)	4.7
LPR 02203	4.7
PALMER III	4.7
PINNACLE II	4.7
PIZZAZZ	4.7
PST 2GSM	4.7
QUICKSILVER	4.7
SECRETARIAT II GLSR (LTP 101 GLSR)	4.7
SRX 4682	4.7
SILVER DOLLAR	4.3
GL 2	4.3
PENTIUM	4.3
PST 2LAN	4.3
HOMERUN (RG3P)	4.3
BRIGHTSTAR SLT	4.0
PINNACLE	4.0
BARLENNIUM	3.7
DART (APR 1663)	3.3
PREMIER	3.0
PANTHER	2.7
PREMIER II	2.7
AFFINITY	2.3
LSD VALUE	1.5
C.V. (%)	17.0

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 39.

WEED RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
2005 DATA

WEED RATINGS 1 9; 9=NONE 2/

NAME	ME1	NAME	ME1
AFFINITY	9.0	VB99	7.0
KEYSTONE 2 (IS PR 312)	8.7	AC2	6.7
PRIMARY (IS PR 269)	8.7	APR 1648	6.7
HOMERUN (RG3P)	8.7	ASP6001 (RTS)	6.7
ASP6006 (LPFG)	8.3	ASP6002 (BPR)	6.7
E 99	8.3	ASP6003 (TRS)	6.7
GPR	8.3	BAR LP 4920	6.7
PROTEGE GLR	8.3	BARLENNIUM	6.7
RNS	8.3	DO4 11T	6.7
04 BRE	8.0	FIESTA 4 (PICK F4)	6.7
APPLE GL (AAZ B104)	8.0	FIREBOLT (PRG HS 01 09)	6.7
HEADSTART 2	8.0	ATTRIBUTE (IS-PR 270)	6.7
MONTEREY 3 (JR 408)	8.0	LCK	6.7
PANTHER GLS	8.0	MANHATTAN 5 GLR (PST 2AM)	6.7
DELAWARE XL (PICK 01-2)	8.0	PICK RB 1	6.7
PICK 02 R	8.0	PM 101	6.7
PREMIER II	8.0	PST 217	6.7
TOP GUN II (JR 324)	8.0	WIND DANCE 2 (PWDR)	6.7
04 BEN	7.7	AF	6.3
DART (APR 1663)	7.7	ASP6005 (AJM)	6.3
FUSION	7.7	GOALKEEPER II (JR 114)	6.3
AMAZING GS (IS-PR 276)	7.7	CABO II (IS-PR 233)	6.3
ALL*STAR 3 (IS PR 274)	7.3	KOKOMO II (IS-PR 235)	6.3
APR 1670	7.3	LINE DRIVE GLS (APR 1797)	6.3
BUENA VISTA	7.3	OVERDRIVE	6.3
CADDIESHACK II (JR 163)	7.3	PIANIST (DP 17 9505)	6.3
DCM	7.3	PIZZAZZ	6.3
GL 2	7.3	REGAL 5 (IS PR 271)	6.3
INSPIRE	7.3	REPELL GLS	6.3
LPR 02203	7.3	SECRETARIAT II GLSR (LTP 101 GLSR)	6.3
PARAGON GLR	7.3	SUNSHINE 2	6.3
PLEASURE SUPREME (PM 103)	7.3	VB77	6.3
SR 4600 (SRX 4SP)	7.3	BRIGHTSTAR SLT	6.0
ACCENT II (JR 119)	7.0	CITATION FORE	6.0
1G2 (APR 1664)	7.0	DO4 1667	6.0
ASP6004 (EXS54)	7.0	EXACTA II GLSR (LTP 611 GLSR)	6.0
CHARISMATIC II GLSR (LTP PG GLSR)	7.0	STELLAR GL (IS PR 236)	6.0
DP1	7.0	L44	6.0
GRAY STAR (PST 2LGL)	7.0	LINN	6.0
HARRIER (SRX 4UP3)	7.0	PANTHER	6.0
LA QUINTA (JR 255)	7.0	DP 17 9788	5.7
PALACE (IS PR 273)	7.0	PINNACLE II	5.7
PST 2BLK	7.0	PREMIER	5.7
SNR	7.0	RAD PR8	5.7
SRX 4682	7.0	REVENGE GLX (JR 348)	5.7
		TR47	5.7

TABLE 39. WEED RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) 2005 DATA

WEED RATINGS 1 9; 9=NONE 2/

NAME	ME1
BAR LP 4317	5.3
BAR LP 4420	5.3
D04 UP	5.3
DP 17 9499	5.3
MACH I	5.3
PINNACLE	5.3
PM 102	5.3
ES45	5.0
PRESIDIO (CNV)	5.0
PS 2	5.0
PST 2AG4	5.0
SP4	5.0
\$ILVER DOLLAR	4.7
HALO (KN42)	4.7
MMW	4.7
MS2	4.7
PALMER III	4.7
PALMER IV	4.7
PENTIUM	4.7
SRX 4692	4.7
PHENOM (APR 1660)	4.3
DERBY XTREME (IS PR 268)	4.3
GALATTI (DP 17 9502)	4.3
PST 2LAN	4.3
D04 LP05	3.7
PST 2MNG	3.7
QUICKSILVER	3.7
PST 2GSM	3.3
LSD VALUE	3.7
C.V. (%)	35.8

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.

APPENDIX TABLE.

SUMMARY OF TURFGRASS QUALITY RATINGS FOR PERENNIAL RYEGRASS CULTIVARS */
 2005 DATA
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF **/

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
\$ILVER DOLLAR	6.0	34.6
04 BEN	5.8	3.8
04 BRE	5.6	3.8
APPLE GL (AAZ B104)	6.0	23.1
AC2	5.9	23.1
ACCENT II (JR 119)	5.8	15.4
AF	6.0	30.8
AFFINITY	4.9	0.0
ALL*STAR 3 (IS PR 274)	6.3	61.5
APR 1648	6.2	57.7
PHENOM (APR 1660)	5.8	19.2
DART (APR 1663)	5.9	11.5
1G2 (APR 1664)	6.1	34.6
APR 1670	5.9	15.4
ASP6001 (RTS)	5.7	3.8
ASP6002 (BPR)	5.8	11.5
ASP6003 (TRS)	5.8	15.4
ASP6004 (EXS54)	6.0	19.2
ASP6005 (AJM)	5.9	19.2
ASP6006 (LPFG)	5.9	26.9
BAR LP 4317	5.6	11.5
BAR LP 4420	5.7	11.5
BAR LP 4920	5.6	7.7
BARLENNIUM	5.5	3.8
BRIGHTSTAR SLT	5.6	15.4
BUENA VISTA	5.9	19.2
CADDIESHACK II (JR 163)	5.7	7.7
CHARISMATIC II GLSR (LTP PG GLSR)	5.9	26.9
CITATION FORE	5.9	19.2
D04 11T	6.4	65.4
D04 1667	6.2	42.3
D04 LP05	5.8	23.1
D04 UP	5.9	19.2
DCM	6.1	42.3
DERBY XTREME (IS PR 268)	6.3	57.7
DP 17 9499	5.9	30.8
DP 17 9788	5.5	0.0
DP1	6.2	34.6
E 99	5.7	7.7
ES45	5.8	15.4
EXACTA II GLSR (LTP 611 GLSR)	6.2	53.8
FIESTA 4 (PICK F4)	6.2	53.8
FIREBOLT (PRG HS 01 09)	5.9	23.1
FUSION	6.0	15.4

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

2005 DATA
TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF **/

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
GL 2	6.2	34.6
GOALKEEPER II (JR 114)	5.6	7.7
GPR	5.9	26.9
GRAY STAR (PST 2LGL)	5.8	11.5
HALO (KN42)	5.6	19.2
HARRIER (SRX 4UP3)	6.0	42.3
HEADSTART 2	5.5	11.5
INSPIRE	5.7	11.5
CABO II (IS-PR 233)	5.9	26.9
KOKOMO II (IS-PR 235)	6.0	34.6
STELLAR GL (IS PR 236)	6.1	34.6
ATTRIBUTE (IS-PR 270)	6.2	46.2
AMAZING GS (IS-PR 276)	6.1	42.3
KEYSTONE 2 (IS PR 312)	6.2	46.2
L44	5.7	3.8
LA QUINTA (JR 255)	5.5	3.8
LCK	6.2	50.0
LINE DRIVE GLS (APR 1797)	6.0	30.8
LINN	3.0	0.0
LPR 02203	4.7	3.8
MACH I	6.1	38.5
MANHATTAN 5 GLR (PST 2AM)	5.9	11.5
MMW	6.2	46.2
MONTEREY 3 (JR 408)	5.7	3.8
MS2	6.0	38.5
OVERDRIVE	6.0	23.1
PALACE (IS PR 273)	6.1	26.9
PALMER III	5.4	3.8
PALMER IV	6.1	42.3
PANTHER	5.2	3.8
PANTHER GLS	6.1	26.9
PARAGON GLR	6.2	53.8
PENTIUM	5.6	11.5
PIANIST (DP 17 9505)	5.5	3.8
DELAWARE XL (PICK 01-2)	5.9	26.9
PICK 02 R	5.7	26.9
PICK RB 1	6.2	53.8
PINNACLE	4.4	0.0
PINNACLE II	5.8	23.1
PIZZAZZ	5.9	19.2
PM 101	6.1	50.0
PM 102	5.6	7.7
PLEASURE SUPREME (PM 103)	6.1	34.6
PREMIER	4.8	0.0
PREMIER II	5.5	7.7

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR PERENNIAL RYEGRASS CULTIVARS */
(CONT'D) 2005 DATA

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

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
PRESIDIO (CNV)	5.9	15.4
PRIMARY (IS PR 269)	6.1	38.5
PROTEGE GLR	6.0	38.5
PS 2	5.7	11.5
PST 217	5.8	23.1
PST 2AG4	5.6	7.7
PST 2BLK	5.5	7.7
PST 2GSM	5.9	19.2
PST 2LAN	5.8	7.7
PST 2MNG	5.9	19.2
WIND DANCE 2 (PWDR)	5.9	30.8
QUICKSILVER	5.8	15.4
RAD PR8	5.9	15.4
REGAL 5 (IS PR 271)	6.2	46.2
REPELL GLS	5.9	15.4
REVENGE GLX (JR 348)	6.2	42.3
HOMERUN (RG3P)	6.3	53.8
RNS	6.2	57.7
SECRETARIAT II GLSR (LTP 101 GLSR)	6.0	30.8
SNR	5.8	15.4
SP4	5.7	15.4
SR 4600 (SRX 4SP)	6.3	61.5
SRX 4682	5.5	7.7
SRX 4692	5.5	7.7
SUNSHINE 2	5.7	19.2
TOP GUN II (JR 324)	5.8	19.2
TR47	6.0	26.9
VB77	6.0	38.5
VB99	5.9	26.9
LSD VALUE	0.2	
C.V. (%)	10.3	

*/ 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.