

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
PARAGON GLR	6.3	3.7	6.0	7.0	6.7	5.3	7.3	6.7	5.7	6.4
ALLSTAR 3 (IS-PR 274)	7.0	4.3	6.0	6.7	5.7	5.0	7.3	7.0	6.7	6.3
AF	6.7	4.0	6.3	6.0	6.3	5.7	6.7	6.7	6.0	6.2
DP1	6.7	3.3	6.0	6.7	6.0	5.3	7.3	6.7	5.7	6.2
TR47	7.7	3.0	6.0	7.3	6.3	5.7	6.7	6.3	5.3	6.2
WIND DANCE 2 (PWDR)	7.7	4.3	6.0	6.7	6.3	5.7	6.7	6.0	5.3	6.1
AMAZING GS (IS-PR 276)	7.0	4.3	5.7	6.3	6.0	6.0	6.7	6.0	5.3	6.0
BUENA VISTA	7.0	4.0	5.3	7.0	6.3	6.0	6.0	6.0	5.0	6.0
DERBY XTREME (IS-PR 268)	7.3	4.0	5.0	6.0	6.3	6.0	7.0	6.0	5.7	6.0
MMW	6.3	3.3	6.0	6.0	5.3	5.0	6.7	6.3	6.3	6.0
PST-2LAN	5.7	4.0	5.7	6.0	6.0	6.0	7.0	6.3	5.0	6.0
ASP6004 (EXS54)	7.3	3.7	5.7	6.3	6.0	5.7	6.7	5.7	5.0	5.9
BAR LP 4317	5.3	6.0	5.3	6.0	6.7	6.3	5.7	6.0	5.0	5.9
BRIGHTSTAR SLT	5.0	4.7	7.0	6.3	5.7	5.0	6.3	5.7	5.0	5.9
UNO (D04-11T)	7.0	4.0	5.3	6.0	6.3	6.0	6.3	5.7	5.3	5.9
DEFENDER (D04-UP)	6.0	3.3	5.0	6.7	6.0	5.0	6.3	6.3	5.7	5.9
DP 17-9788	5.7	5.7	5.7	7.0	6.3	5.3	6.0	5.7	5.3	5.9
LPR 02203	3.0	6.0	6.0	6.0	6.7	6.0	6.0	5.3	5.0	5.9
MONTEREY 3 (JR-408)	6.3	4.0	5.7	6.7	6.7	5.7	6.0	5.7	5.0	5.9
PALMER IV	6.7	4.3	5.7	5.7	6.0	5.3	7.3	6.0	5.0	5.9
RNS	7.0	4.0	5.3	6.3	6.3	5.7	6.0	6.0	5.3	5.9
SR 4600 (SRX 4SP)	7.3	3.3	6.7	6.0	6.7	5.0	5.7	5.7	5.3	5.9
MAJESTY II (VB77)	7.0	4.0	6.0	7.0	5.7	4.7	6.0	6.7	5.3	5.9
CABO II (IS-PR 233)	7.7	3.7	5.7	6.7	6.0	5.3	6.3	5.3	5.0	5.8
TRANSFORMER (D04-1667)	6.0	5.7	5.7	6.0	5.7	5.3	6.7	5.7	5.3	5.8
DART (APR 1663)	6.7	3.7	6.0	6.0	6.3	5.7	6.0	5.3	5.0	5.8
EXACTA II GLSR (LTP-611-GLSR)	6.7	3.7	5.7	6.3	5.3	4.7	6.3	6.0	6.0	5.8
KEYSTONE 2 (IS-PR 312)	6.3	4.3	5.3	6.0	6.0	5.3	6.7	5.7	5.3	5.8
NEXUS XR (SNR)	7.7	3.0	4.7	7.0	6.7	5.3	6.0	6.0	5.0	5.8
APPLE GL (AAZ-B104)	7.0	3.0	4.7	5.7	6.3	5.0	6.7	6.3	5.3	5.7
APR 1648	8.3	4.3	5.3	5.7	6.3	6.0	6.3	5.3	5.0	5.7
APR 1670	5.3	4.3	6.0	5.3	6.0	5.7	6.0	6.0	5.0	5.7
ASP6006 (LPFG)	8.0	3.3	5.3	6.7	6.0	4.7	6.0	6.0	5.0	5.7
BAR LP 4920	6.0	5.7	6.3	6.3	5.7	5.0	5.7	6.0	5.0	5.7
FIJI (GPR)	7.3	3.0	5.7	6.7	6.0	5.0	6.3	5.3	4.7	5.7
PALACE (IS-PR 273)	7.0	3.7	6.3	6.0	6.0	5.3	6.0	5.3	5.0	5.7
PANTHER	3.7	5.7	6.0	6.3	6.0	5.7	5.3	5.7	5.0	5.7
PIZZAZZ	5.3	4.0	6.3	6.3	5.7	4.7	5.3	6.0	5.3	5.7
PREMIER	3.0	6.7	7.0	5.0	6.3	5.7	5.3	6.0	4.3	5.7
RAD-PR8	6.3	4.0	5.0	6.0	6.0	5.7	6.3	5.7	5.0	5.7
VB99	7.3	3.7	6.0	5.7	6.0	5.3	6.3	5.7	4.7	5.7
BREA (04-BRE)	6.0	4.0	6.3	6.3	5.7	4.3	5.7	5.3	5.3	5.6
EDGE II (AC2)	6.7	4.0	5.0	6.0	6.3	5.3	5.7	6.0	5.0	5.6
FUSION	7.3	3.7	4.7	5.7	5.7	5.7	7.0	5.7	5.0	5.6
GOALKEEPER II (JR-114)	6.3	4.7	5.3	6.0	6.3	5.7	5.7	5.3	5.0	5.6
MANHATTAN 5 GLR (PST-2AM)	6.3	4.0	5.0	6.0	5.7	5.3	6.3	6.0	5.0	5.6
PROTEGE GLR	6.7	4.0	5.0	6.0	6.0	5.3	5.7	5.7	5.3	5.6

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-2AG4	6.7	3.3	5.7	5.7	6.0	5.3	6.0	5.7	5.0	5.6
QUICKSILVER	7.0	5.0	5.0	5.3	6.0	4.7	6.7	6.0	5.3	5.6
REGAL 5 (IS-PR 271)	7.0	4.0	5.0	6.0	6.0	5.3	6.0	6.0	5.0	5.6
REPELL GLS	6.3	3.3	5.0	6.0	6.0	5.0	6.3	6.0	5.0	5.6
SILVER DOLLAR	6.3	3.7	6.0	5.7	5.7	5.3	6.0	5.7	5.0	5.6
SRX 4682	4.3	4.3	5.3	5.7	6.0	6.0	6.0	5.3	5.0	5.6
TOP GUN II (JR-324)	6.7	4.7	5.7	6.0	5.7	5.3	6.0	5.7	4.7	5.6
RINGER II (04-BEN)	5.7	4.3	5.3	5.7	5.7	4.7	6.0	5.7	5.3	5.5
CADDIESHACK II (JR-163)	7.0	4.7	4.3	5.0	6.0	6.0	6.7	5.7	4.7	5.5
CITATION FORE	5.3	5.0	5.0	5.7	6.0	5.7	6.0	5.3	4.7	5.5
DCM	6.3	3.7	5.0	6.3	5.7	5.3	5.7	5.3	5.0	5.5
GL-2	6.3	3.3	5.0	6.0	5.7	5.3	6.3	5.3	5.0	5.5
HARRIER (SRX 4UP3)	6.0	3.7	5.3	5.7	5.7	4.7	6.0	6.0	5.0	5.5
LINE DRIVE GLS (APR 1797)	6.0	3.7	5.7	5.7	5.7	5.0	6.0	5.3	5.0	5.5
PENTIUM	5.3	4.7	5.0	5.3	5.7	5.7	6.3	5.7	4.7	5.5
PREMIER II	5.7	4.7	5.7	6.0	5.7	5.0	6.0	5.3	4.7	5.5
GRAY FOX (PST-2MNG)	5.7	5.0	5.3	5.3	6.0	5.7	6.3	5.3	4.7	5.5
SECRETARIAT II GLSR (LTP-101-GLSR)	6.7	4.0	5.0	5.3	5.7	6.0	6.0	5.7	5.0	5.5
ASP6001 (RTS)	8.0	4.3	5.0	6.3	5.7	5.0	6.0	5.3	4.7	5.4
ASP6002 (BPR)	7.3	3.7	4.7	6.0	6.0	5.0	5.3	5.7	5.0	5.4
BARLENNIUM	6.0	4.3	5.3	5.7	6.0	5.0	5.7	5.3	5.0	5.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	3.7	5.0	5.3	5.3	5.3	6.0	5.7	5.0	5.4
D04-LP05	6.3	3.7	5.3	5.7	6.0	5.0	5.7	5.0	5.0	5.4
E-99	5.7	4.3	5.3	5.3	5.7	5.3	6.0	5.3	5.0	5.4
LA QUINTA (JR-255)	7.3	2.7	5.0	6.0	5.7	5.0	6.0	5.3	5.0	5.4
NEXUS XD (SP4)	7.7	3.7	5.0	6.0	6.0	4.7	5.7	5.7	5.0	5.4
PHENOM (APR 1660)	6.3	4.7	5.3	5.0	5.7	5.3	6.3	5.3	5.0	5.4
PST-217	6.0	4.0	5.0	5.7	6.0	5.0	6.0	5.0	5.0	5.4
1G SQUARED (APR 1664)	6.7	5.0	5.3	6.0	5.3	5.0	5.7	5.3	4.7	5.3
ACCENT II (JR-119)	6.3	4.3	4.7	5.7	6.0	5.3	5.7	5.0	4.7	5.3
DELAWARE XL (PICK 01-2)	6.7	4.0	4.7	6.0	6.0	5.0	5.3	5.0	5.0	5.3
DP 17-9499	6.7	5.0	4.3	5.3	6.0	5.3	5.7	5.3	5.0	5.3
GRAY STAR (PST-2LGL)	6.3	4.3	4.0	5.7	6.0	5.0	5.7	5.7	5.0	5.3
MACH I	7.0	4.3	4.7	5.7	6.0	5.0	5.3	5.3	5.0	5.3
OVERDRIVE	6.3	3.7	5.3	5.7	6.0	4.7	5.3	5.0	5.0	5.3
PANTHER GLS	5.7	5.0	5.3	5.3	5.7	5.7	5.3	5.0	4.7	5.3
PINNACLE II	7.3	4.0	5.3	5.7	6.3	5.0	5.7	4.3	5.0	5.3
PLEASURE SUPREME (PM 103)	6.3	3.3	5.3	6.0	5.3	5.0	5.3	5.3	5.0	5.3
HAWKEYE 2 (SRX 4692)	6.7	4.3	5.0	5.7	6.0	5.3	5.7	4.7	4.7	5.3
ASP6003 (TRS)	7.3	4.0	4.3	5.7	5.7	4.7	5.7	5.3	5.0	5.2
CUTTER II (PM 101)	7.0	4.3	5.0	6.0	5.0	4.3	6.0	5.3	5.0	5.2
FIESTA 4 (PICK F4)	7.3	3.7	5.0	6.0	5.3	4.7	5.7	5.0	4.7	5.2
GRAND SLAM 2 (PST-2GSM)	6.0	3.7	4.3	5.7	6.0	5.3	5.3	5.0	4.7	5.2
INSPIRE	6.0	4.0	4.3	5.3	6.0	5.3	5.3	5.3	5.0	5.2
KOKOMO II (IS-PR 235)	6.7	3.0	4.7	5.7	5.7	4.7	5.7	5.3	5.0	5.2
PINNACLE	2.0	6.7	5.3	4.7	6.0	5.3	5.3	5.7	4.3	5.2
PRESIDIO (CNV)	6.0	4.0	5.3	5.7	5.0	4.3	6.0	5.3	5.0	5.2

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
REVENGE GLX (JR-348)	6.7	3.3	5.0	5.3	5.3	5.0	5.3	5.3	5.0	5.2
STELLAR GL (IS-PR 236)	6.7	3.3	5.3	5.7	5.3	5.0	5.7	5.0	4.7	5.2
AFFINITY	2.7	5.7	5.3	5.0	6.3	5.0	4.7	5.0	4.3	5.1
ATTRIBUTE (IS-PR 270)	6.7	3.7	4.0	5.3	6.0	5.7	5.0	4.7	5.0	5.1
CALYPSO 3 (MS2)	7.0	4.3	5.0	5.3	5.7	4.3	5.7	5.3	4.7	5.1
HEADSTART 2	7.3	4.3	5.0	5.7	5.3	4.3	5.3	5.0	5.0	5.1
HOMERUN (RG3P)	7.0	3.0	4.3	5.3	5.3	4.7	6.0	5.3	5.0	5.1
L44	7.7	3.3	4.7	6.3	5.3	4.3	5.7	5.0	4.7	5.1
PM 102	7.7	3.0	4.7	5.3	5.3	4.7	5.7	5.3	4.7	5.1
PST-2BLK	6.0	5.0	5.3	5.0	5.0	4.7	5.7	5.3	4.7	5.1
DASHER 3 (PICK RB-1)	6.3	4.0	4.0	5.0	5.3	4.7	5.7	6.0	4.7	5.0
ES45	7.3	3.3	4.7	5.3	5.3	4.7	5.3	5.3	4.7	5.0
FIREBOLT (PRG HS-01-09)	7.3	3.3	4.0	5.0	5.7	5.0	5.3	5.3	5.0	5.0
PRIMARY (IS-PR 269)	6.0	3.7	4.0	5.3	6.0	5.0	5.7	4.7	4.7	5.0
ZOOM (LCK)	6.7	4.7	4.3	5.3	5.3	4.7	5.0	5.3	5.0	5.0
HALO (KN42)	7.0	3.0	4.3	5.0	5.0	4.7	5.3	5.3	4.7	4.9
PS-2	6.3	4.3	3.7	5.0	5.7	5.0	5.0	4.7	4.3	4.8
GALATTI (DP 17-9502)	6.3	4.3	4.3	5.7	5.0	4.3	4.7	4.7	4.3	4.7
PALMER III	5.3	4.7	4.3	5.0	5.0	4.7	4.7	5.0	4.3	4.7
SUNSHINE 2	7.0	4.0	3.7	5.3	5.7	4.3	5.7	4.3	4.0	4.7
ASP6005 (AJM)	7.7	4.0	4.0	5.3	5.0	4.0	4.7	5.0	4.0	4.6
BAR LP 4420	6.7	4.0	4.0	5.3	5.3	4.0	4.7	4.7	4.3	4.6
LINN	1.0	1.0	7.0	3.0	4.3	4.7	4.3	5.0	4.0	4.6
PIANIST (DP 17-9505)	5.3	4.3	3.7	5.0	4.7	3.7	5.3	5.0	4.7	4.6
PICK 02-R	7.7	3.0	4.0	5.0	5.0	3.7	5.3	4.3	4.7	4.6
LSD VALUE	1.1	1.5	2.1	2.9	2.5	1.6	1.7	2.0	1.0	1.3
C.V. (%)	11.4	20.9	18.0	15.9	12.1	13.7	13.2	13.3	9.7	9.7

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 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS							
	COLOR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SILVER DOLLAR	6.0	6.3	6.0	7.7	7.0	6.3	7.3	6.3	6.7
ZOOM (LCK)	7.0	6.0	6.7	6.3	6.3	6.7	7.3	7.3	6.7
PARAGON GLR	6.7	6.0	6.3	6.7	6.7	6.7	7.3	6.7	6.6
GL-2	6.3	6.3	7.0	5.7	6.3	6.0	7.0	7.0	6.5
LINE DRIVE GLS (APR 1797)	6.0	6.3	6.0	6.7	6.3	6.7	7.3	6.0	6.5
MACH I	6.3	7.0	6.3	6.7	6.7	6.0	6.0	6.7	6.5
RNS	6.0	6.3	6.0	6.7	6.3	6.7	7.0	6.3	6.5
UNO (D04-11T)	7.0	6.3	6.0	6.3	5.7	6.3	7.7	6.7	6.4
DCM	6.3	4.7	6.3	7.0	6.3	6.7	7.3	6.7	6.4
DP 17-9499	6.7	6.3	6.0	6.3	6.0	6.7	6.3	7.0	6.4
PALMER IV	6.7	6.0	5.7	7.0	6.0	6.7	6.7	6.7	6.4
PHENOM (APR 1660)	6.3	6.0	5.7	6.0	6.3	6.0	7.3	7.0	6.4
APR 1648	6.3	6.0	5.7	7.0	6.0	6.3	6.7	6.3	6.3
APR 1670	5.3	5.3	6.3	6.7	6.7	6.7	6.7	6.0	6.3
BAR LP 4317	5.7	6.7	6.7	6.0	6.0	6.3	6.3	6.0	6.3
DEFENDER (D04-UP)	6.0	6.3	6.3	7.0	6.3	6.0	6.0	6.3	6.3
DART (APR 1663)	6.0	6.3	6.3	6.0	6.3	6.0	6.7	6.7	6.3
HOMERUN (RG3P)	6.3	6.7	5.0	6.0	6.7	7.0	6.7	6.0	6.3
MMW	6.7	6.3	6.0	6.3	6.3	6.7	5.0	7.3	6.3
PINNACLE II	5.3	6.7	7.0	6.7	5.3	6.0	6.7	5.7	6.3
TR47	6.7	6.7	6.0	6.3	6.0	5.7	6.3	7.0	6.3
TRANSFORMER (D04-1667)	6.3	6.3	6.7	6.0	6.0	6.3	6.0	6.3	6.2
EXACTA II GLSR (LTP-611-GLSR)	6.0	7.0	6.3	6.3	6.0	6.0	4.3	7.3	6.2
FUSION	6.3	5.7	6.3	6.0	6.3	6.0	6.7	6.7	6.2
KOKOMO II (IS-PR 235)	6.7	6.0	5.3	6.7	6.0	6.0	6.7	6.7	6.2
NEXUS XR (SNR)	6.3	6.7	6.0	6.0	5.7	5.7	6.0	7.3	6.2
PALACE (IS-PR 273)	6.3	6.3	5.7	7.0	5.7	5.7	6.7	6.7	6.2
PST-217	6.7	6.0	6.0	6.0	7.0	5.7	6.3	6.7	6.2
APPLE GL (AAZ-B104)	6.3	6.7	6.0	5.3	5.7	5.7	6.7	7.0	6.1
ASP6004 (EXS54)	6.3	6.0	6.0	6.0	6.0	5.3	6.7	6.7	6.1
ATTRIBUTE (IS-PR 270)	6.3	6.7	5.3	6.3	5.7	6.3	5.7	6.7	6.1
BAR LP 4420	6.3	6.0	6.0	6.3	5.7	6.3	5.7	6.7	6.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	6.0	5.7	5.7	6.0	6.7	6.0	6.7	6.1
CUTTER II (PM 101)	6.3	6.3	6.0	6.0	6.3	6.3	5.0	6.7	6.1
E-99	5.3	6.3	6.0	5.3	6.0	6.3	7.0	5.7	6.1
GRAND SLAM 2 (PST-2GSM)	6.7	6.3	5.3	6.3	6.3	6.0	6.0	6.3	6.1
HARRIER (SRX 4UP3)	6.3	7.0	5.7	5.3	5.3	6.3	6.7	6.7	6.1
INSPIRE	5.3	5.7	6.0	6.0	5.7	6.0	7.3	6.3	6.1
KEYSTONE 2 (IS-PR 312)	6.3	6.7	5.7	5.7	6.0	6.7	5.7	6.3	6.1
PANTHER GLS	6.7	5.7	6.0	6.3	5.7	6.0	7.0	6.3	6.1
PENTIUM	5.0	5.7	6.0	5.7	6.3	6.3	6.7	6.0	6.1
PIZZAZZ	4.7	6.7	6.3	6.3	6.3	6.3	5.0	6.0	6.1
PRIMARY (IS-PR 269)	6.3	6.0	6.0	6.0	5.7	6.3	5.7	7.3	6.1
PROTEGE GLR	6.3	6.7	6.0	5.7	5.7	5.7	6.0	7.3	6.1
PST-2AG4	6.3	6.3	6.0	6.7	5.0	5.7	6.0	7.0	6.1
REGAL 5 (IS-PR 271)	7.0	6.7	5.7	5.7	5.7	6.3	6.3	6.7	6.1
STELLAR GL (IS-PR 236)	6.7	6.3	5.7	6.3	6.0	6.3	6.0	6.3	6.1

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS								MEAN
	COLOR	APR	MAY	JUN	JUL	AUG	SEP	OCT		
TOP GUN II (JR-324)	6.0	6.0	6.0	6.7	6.3	6.0	5.7	6.3	6.1	
VB99	7.0	6.7	5.3	6.3	5.7	5.7	6.3	6.7	6.1	
1G SQUARED (APR 1664)	6.3	6.7	5.3	5.3	5.7	6.7	6.0	6.3	6.0	
ALLSTAR 3 (IS-PR 274)	6.3	5.3	5.7	6.3	5.3	6.7	5.3	7.0	6.0	
AMAZING GS (IS-PR 276)	6.7	6.3	6.3	6.0	5.3	6.0	5.7	6.3	6.0	
ASP6002 (BPR)	6.3	6.7	6.0	6.0	5.7	5.0	6.7	6.3	6.0	
BUENA VISTA	6.0	5.7	6.0	6.0	5.7	5.7	6.3	6.7	6.0	
CABO II (IS-PR 233)	6.3	6.3	5.3	6.3	6.3	5.3	6.0	6.3	6.0	
CITATION FORE	6.0	6.7	5.0	6.7	5.7	6.0	5.7	6.7	6.0	
DASHER 3 (PICK RB-1)	6.0	6.3	5.7	5.3	6.0	6.0	5.7	7.3	6.0	
DP 17-9788	5.3	6.3	5.7	6.0	5.7	5.3	6.7	6.3	6.0	
FIESTA 4 (PICK F4)	6.7	6.3	5.0	5.7	6.0	6.3	5.0	8.0	6.0	
GALATTI (DP 17-9502)	6.0	6.3	5.0	6.0	6.0	6.0	6.3	6.0	6.0	
MANHATTAN 5 GLR (PST-2AM)	6.7	6.0	6.0	6.0	6.3	5.3	5.3	7.0	6.0	
RAD-PR8	5.3	6.0	5.0	6.0	6.0	6.3	6.3	6.3	6.0	
REPELL GLS	6.0	5.7	6.3	6.0	5.0	6.7	6.7	6.0	6.0	
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	5.7	5.3	6.0	6.3	6.3	6.0	6.7	6.0	
HAWKEYE 2 (SRX 4692)	6.3	5.7	5.3	5.7	5.7	6.3	7.0	6.7	6.0	
AF	6.0	5.7	5.7	5.3	6.3	6.0	5.7	6.3	5.9	
BRIGHTSTAR SLT	6.0	6.3	4.7	6.0	6.0	6.7	5.0	6.3	5.9	
DERBY XTREME (IS-PR 268)	6.3	5.3	5.3	6.0	5.7	6.7	5.7	6.7	5.9	
EDGE II (AC2)	6.3	6.3	5.3	6.0	5.3	5.3	6.0	6.7	5.9	
GRAY STAR (PST-2LGL)	6.0	6.3	6.0	6.7	5.7	5.7	5.0	6.0	5.9	
OVERDRIVE	6.3	6.0	6.0	5.0	6.0	5.7	6.3	6.0	5.9	
PIANIST (DP 17-9505)	5.3	6.3	5.0	6.0	6.3	6.0	5.3	6.0	5.9	
PST-2LAN	5.7	5.7	6.0	6.0	5.0	6.0	6.0	6.3	5.9	
REVENGE GLX (JR-348)	6.7	5.7	5.3	5.3	6.7	5.3	6.7	6.0	5.9	
MAJESTY II (VB77)	6.3	7.0	5.0	5.3	5.7	5.7	6.0	6.7	5.9	
ASP6006 (LPFG)	6.3	6.7	5.3	6.0	5.0	5.3	5.7	6.3	5.8	
CALYPSO 3 (MS2)	6.7	6.0	6.3	6.0	5.7	5.0	5.3	6.3	5.8	
D04-LP05	6.0	5.0	4.7	5.7	6.0	6.3	7.0	6.0	5.8	
ES45	6.3	6.7	6.0	5.7	5.3	5.7	5.0	6.3	5.8	
PALMER III	5.7	6.0	5.3	6.0	6.7	6.3	5.0	5.3	5.8	
PREMIER II	5.0	5.3	5.7	5.7	6.0	6.0	6.0	6.0	5.8	
PRESIDIO (CNV)	6.3	6.7	5.7	5.3	5.7	5.3	6.0	5.7	5.8	
QUICKSILVER	5.7	6.7	6.0	6.0	6.0	5.3	4.7	6.0	5.8	
RINGER II (04-BEN)	6.0	5.3	5.3	6.0	5.3	5.3	5.7	6.7	5.7	
ASP6003 (TRS)	6.3	6.3	5.3	5.7	5.3	5.3	5.0	7.0	5.7	
DP1	6.3	5.0	5.3	5.3	6.0	6.3	5.0	6.7	5.7	
HALO (KN42)	6.0	6.7	5.7	5.7	5.0	4.7	5.7	6.7	5.7	
HEADSTART 2	6.3	5.7	5.7	5.7	5.7	5.7	4.7	6.7	5.7	
NEXUS XD (SP4)	6.3	7.3	5.0	6.0	5.3	4.7	4.7	7.0	5.7	
PS-2	6.0	5.0	5.0	6.3	6.3	6.3	4.3	6.7	5.7	
GRAY FOX (PST-2MNG)	6.3	6.7	4.7	5.0	5.7	5.0	6.3	6.7	5.7	
SRX 4682	4.7	5.7	5.0	5.0	5.7	6.0	6.7	5.7	5.7	
WIND DANCE 2 (PWDR)	6.0	6.7	5.3	5.0	5.3	5.3	5.7	6.7	5.7	
FIREBOLT (PRG HS-01-09)	5.7	6.0	5.0	6.0	6.0	5.3	5.3	5.7	5.6	

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS							
		APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MONTEREY 3 (JR-408)	5.7	5.0	5.0	5.0	6.7	6.0	5.3	6.0	5.6
PST-2BLK	6.3	5.3	5.0	5.3	6.0	5.7	5.7	6.3	5.6
SR 4600 (SRX 4SP)	6.0	5.3	5.3	5.7	5.0	5.7	5.7	6.7	5.6
BREA (04-BRE)	6.0	5.7	4.7	6.0	5.3	5.7	5.0	6.0	5.5
ACCENT II (JR-119)	5.0	4.7	4.7	6.3	6.0	5.7	5.7	5.7	5.5
AFFINITY	3.0	6.0	4.7	5.3	5.7	5.3	6.0	5.3	5.5
BAR LP 4920	4.0	5.7	5.3	5.3	5.7	5.7	6.0	5.0	5.5
DELAWARE XL (PICK 01-2)	6.3	6.7	4.7	5.0	5.0	5.3	5.7	6.3	5.5
GOALKEEPER II (JR-114)	6.3	6.0	5.0	5.7	5.7	5.7	4.7	5.7	5.5
FIJI (GPR)	6.3	6.3	5.0	5.3	5.3	4.7	5.7	6.3	5.5
PANTHER	3.7	5.7	5.3	5.0	5.7	6.0	5.0	5.7	5.5
PLEASURE SUPREME (PM 103)	5.7	6.0	5.3	4.3	5.0	5.7	6.0	6.3	5.5
ASP6005 (AJM)	6.0	6.7	5.0	5.0	4.7	5.3	4.3	6.3	5.3
BARLENNIUM	5.0	5.0	5.3	4.7	5.0	5.3	6.3	5.3	5.3
CADDIESHACK II (JR-163)	6.0	5.7	4.7	5.3	5.3	5.3	5.3	5.3	5.3
LA QUINTA (JR-255)	6.3	5.7	4.0	5.3	5.7	5.0	5.0	6.3	5.3
ASP6001 (RTS)	7.0	4.7	4.7	5.7	5.0	5.7	4.3	6.7	5.2
L44	6.7	5.3	5.0	5.3	5.3	4.3	4.7	6.3	5.2
SUNSHINE 2	6.3	4.7	4.7	6.0	5.7	5.7	4.3	5.3	5.2
LPR 02203	3.7	5.7	4.0	5.0	6.0	5.0	4.0	5.0	5.0
PM 102	6.0	5.7	4.7	5.0	4.7	5.0	4.7	5.7	5.0
PICK 02-R	5.7	5.3	3.7	4.0	4.7	5.0	4.7	6.0	4.8
PREMIER	3.0	4.3	4.7	5.0	5.3	4.3	5.7	4.3	4.8
PINNACLE	3.0	4.3	4.3	5.7	5.3	4.7	4.3	4.3	4.7
LINN	2.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.9
LSD VALUE	0.9	2.6	3.8	2.9	2.0	1.4	2.0	1.3	1.0
C.V. (%)	9.5	16.1	19.3	16.8	13.6	12.7	17.7	11.2	9.0

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 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS									MEAN
			MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
E-99	5.0	6.0	4.7	8.0	8.0	8.7	8.0	5.7	7.7	6.0	8.0	7.2
SILVER DOLLAR	5.7	5.0	4.7	8.7	7.3	6.3	7.3	5.0	8.7	8.0	8.0	7.1
PRIMARY (IS-PR 269)	6.3	4.0	3.7	7.7	7.3	7.7	7.0	5.7	7.3	8.3	8.7	7.0
PST-217	5.0	3.0	4.7	8.7	8.7	7.0	5.7	5.7	8.0	6.7	8.0	7.0
GOALKEEPER II (JR-114)	4.3	3.0	3.7	8.0	8.3	7.0	7.0	4.0	8.3	7.0	8.3	6.9
ZOOM (LCK)	6.3	4.3	4.0	7.0	8.0	6.7	7.0	5.7	7.7	8.0	8.0	6.9
DCM	5.0	4.7	5.0	7.0	8.3	6.3	7.7	3.7	8.3	6.3	8.3	6.8
APR 1648	7.3	4.7	4.0	7.0	8.0	7.0	7.7	4.3	6.3	8.3	8.0	6.7
CABO II (IS-PR 233)	7.0	3.7	3.7	7.7	7.0	7.0	7.0	4.7	6.7	8.3	8.0	6.7
HOMERUN (RG3P)	6.3	3.3	3.7	6.3	7.0	6.3	7.7	5.0	8.0	8.7	8.0	6.7
INSPIRE	4.7	3.0	4.0	8.7	8.0	8.0	7.3	4.3	6.3	7.3	6.3	6.7
KEYSTONE 2 (IS-PR 312)	5.3	3.0	4.0	7.0	7.3	6.3	7.3	5.7	7.0	7.3	8.0	6.7
MANHATTAN 5 GLR (PST-2AM)	4.7	4.0	4.0	7.7	6.3	6.0	6.0	8.7	8.0	7.3	6.7	6.7
RAD-PR8	4.7	3.7	3.7	7.7	7.0	5.0	7.0	5.3	7.7	8.3	8.0	6.6
REVENGE GLX (JR-348)	6.0	4.3	3.7	7.7	7.0	5.7	6.7	4.3	7.7	8.0	8.3	6.6
HAWKEYE 2 (SRX 4692)	6.0	5.0	5.0	7.3	7.0	7.0	7.3	4.3	7.0	7.7	7.0	6.6
CADDIESHACK II (JR-163)	4.3	3.0	3.3	8.0	7.3	6.0	7.0	5.0	7.7	6.3	7.3	6.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	5.0	3.7	8.0	7.3	7.7	7.0	4.0	6.0	7.0	7.3	6.4
KOKOMO II (IS-PR 235)	6.0	3.7	4.0	7.7	7.7	5.7	7.3	4.0	7.0	7.0	7.0	6.4
PST-2BLK	5.0	2.3	3.3	7.3	7.3	7.3	6.7	4.3	7.7	7.3	6.7	6.4
TOP GUN II (JR-324)	6.7	4.0	3.0	8.0	7.3	6.7	7.0	4.0	6.3	7.7	7.3	6.4
BRIGHTSTAR SLT	4.0	2.0	3.3	7.0	6.3	5.7	7.0	5.3	8.0	7.3	7.0	6.3
BUENA VISTA	6.3	4.7	3.3	7.0	6.0	5.0	6.7	5.0	7.0	8.7	8.3	6.3
DERBY XTREME (IS-PR 268)	6.7	4.0	3.0	7.0	6.3	6.0	7.0	4.7	8.0	7.0	8.0	6.3
PST-2AG4	6.0	3.0	3.7	6.0	6.3	6.0	7.3	4.7	7.0	8.3	7.3	6.3
GRAY FOX (PST-2MNG)	5.0	3.0	3.7	7.0	6.3	5.0	7.0	4.7	7.7	7.7	7.7	6.3
RNS	6.0	2.0	3.0	6.0	5.3	4.7	6.0	6.0	8.7	9.0	8.0	6.3
SRX 4682	4.3	2.3	3.7	7.7	6.7	5.0	6.3	5.7	7.0	7.7	7.0	6.3
ASP6001 (RTS)	6.7	2.0	3.0	7.7	6.3	5.7	6.3	5.7	6.7	7.3	7.3	6.2
FIESTA 4 (PICK F4)	7.0	4.0	3.3	6.0	6.0	6.0	7.0	4.3	7.3	8.7	7.0	6.2
GL-2	5.7	3.3	3.7	6.0	7.0	6.3	6.3	4.0	7.0	7.3	8.0	6.2
PST-2LAN	4.0	3.7	5.0	7.0	6.0	5.7	7.0	4.0	7.3	7.0	7.0	6.2
MAJESTY II (VB77)	7.3	4.0	3.7	7.0	7.0	6.0	7.3	4.0	6.7	7.0	7.0	6.2
ALLSTAR 3 (IS-PR 274)	6.7	3.0	3.0	5.3	6.3	5.3	6.3	5.7	8.0	8.0	7.0	6.1
APPLE GL (AAZ-B104)	7.0	4.0	3.3	6.7	6.3	5.7	7.0	3.3	7.0	8.3	7.3	6.1
CITATION FORE	4.0	3.0	3.3	6.0	6.7	5.0	6.3	5.0	8.0	7.3	7.0	6.1
EDGE II (AC2)	6.7	3.0	3.3	7.0	6.7	5.0	6.3	5.0	6.7	7.7	7.3	6.1
GRAND SLAM 2 (PST-2GSM)	5.0	3.0	3.0	7.0	6.7	6.0	6.7	6.7	6.3	6.3	6.3	6.1
PARAGON GLR	6.3	4.0	3.3	6.3	7.7	5.7	7.0	3.7	5.7	7.7	8.0	6.1
PROTEGE GLR	7.0	3.0	3.3	6.7	6.3	6.0	7.0	5.0	6.0	7.3	7.7	6.1
REPELL GLS	5.3	3.0	4.0	6.3	6.0	5.7	6.7	4.0	7.0	7.0	8.0	6.1
SR 4600 (SRX 4SP)	6.7	5.0	4.0	7.0	7.0	4.7	6.3	4.7	6.3	8.3	7.0	6.1
TRANSFORMER (D04-1667)	5.3	4.3	3.3	6.3	6.3	6.3	6.3	4.0	6.7	8.0	7.0	6.0
LA QUINTA (JR-255)	7.0	4.0	3.7	8.0	6.0	6.3	6.3	4.0	6.0	7.0	6.3	6.0
OVERDRIVE	5.0	3.0	3.3	7.0	6.0	5.0	6.3	4.7	7.3	7.7	6.7	6.0
PANTHER GLS	5.7	4.0	4.3	7.0	7.3	6.7	6.7	3.0	6.3	6.3	6.3	6.0
APR 1670	3.7	2.7	3.7	8.0	5.7	4.3	7.0	5.0	7.0	6.0	6.7	5.9

TABLE 3. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC		QUALITY RATINGS									MEAN
	COLOR	SPRING GREENUP	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
UNO (D04-11T)	6.3	4.0	3.0	7.0	6.7	5.0	5.3	4.0	7.0	8.7	6.7	5.9
DASHER 3 (PICK RB-1)	7.3	3.7	3.0	7.0	7.7	6.3	7.0	3.7	5.0	7.3	6.0	5.9
DP1	7.0	4.0	3.3	6.0	6.3	5.7	6.7	3.3	6.3	8.0	7.0	5.9
FIJI (GPR)	7.3	3.0	3.3	7.0	6.7	5.3	6.7	4.3	5.7	7.0	7.0	5.9
GRAY STAR (PST-2LGL)	5.7	2.0	2.7	7.0	6.0	5.3	5.7	4.0	8.0	7.0	7.7	5.9
LINE DRIVE GLS (APR 1797)	5.0	3.3	3.7	7.0	6.3	5.3	6.3	4.0	6.3	7.0	7.3	5.9
MACH I	6.0	3.0	3.0	7.0	5.3	4.7	6.7	4.0	7.3	8.0	7.3	5.9
MONTEREY 3 (JR-408)	5.3	3.0	3.0	6.3	6.3	5.7	6.7	4.0	6.0	7.3	7.7	5.9
NEXUS XD (SP4)	9.0	3.0	4.0	8.0	7.7	5.3	6.3	4.0	5.3	6.0	6.7	5.9
PALACE (IS-PR 273)	7.0	4.0	3.7	6.3	7.0	5.7	7.7	3.7	5.3	8.0	6.0	5.9
PHENOM (APR 1660)	6.0	4.3	3.7	7.3	7.3	6.0	6.3	3.7	6.0	6.3	6.0	5.9
1G SQUARED (APR 1664)	6.0	3.7	3.0	6.0	6.3	5.7	6.0	6.0	5.7	6.7	7.0	5.8
AF	5.7	4.3	3.0	5.7	6.0	5.7	6.0	4.3	7.0	7.0	7.7	5.8
ASP6004 (EXS54)	7.3	3.0	3.0	5.7	6.0	5.0	6.7	4.0	6.3	7.3	8.0	5.8
D04-LP05	6.0	3.0	3.7	6.0	7.0	5.7	6.3	4.0	6.7	6.3	6.7	5.8
HARRIER (SRX 4UP3)	6.7	4.7	4.3	7.0	6.3	5.7	6.3	3.0	6.3	6.7	6.7	5.8
HEADSTART 2	6.7	2.0	2.7	7.0	5.7	5.7	6.7	4.0	7.0	6.7	7.0	5.8
PS-2	5.7	3.0	3.3	7.0	6.3	6.0	5.7	4.0	6.3	7.0	6.7	5.8
STELLAR GL (IS-PR 236)	7.0	3.0	3.3	5.3	5.7	5.7	6.0	5.0	6.7	7.3	7.3	5.8
TR47	7.7	2.7	3.0	7.7	7.7	5.0	6.0	4.0	5.3	6.3	7.0	5.8
RINGER II (04-BEN)	4.7	3.3	3.3	7.0	6.0	5.0	6.0	4.0	6.7	6.7	7.0	5.7
AMAZING GS (IS-PR 276)	6.0	2.3	2.7	6.3	5.7	5.0	6.3	5.0	6.3	8.0	6.3	5.7
ES45	7.3	2.7	3.3	6.3	7.0	4.3	6.3	4.0	6.0	7.3	7.0	5.7
FIREBOLT (PRG HS-01-09)	7.3	3.7	2.7	6.3	5.3	5.3	6.7	4.0	6.3	8.0	7.0	5.7
L44	8.7	4.0	3.7	7.0	6.3	5.3	6.7	4.0	5.7	6.3	6.0	5.7
PENTIUM	3.3	2.0	3.0	6.0	6.0	5.3	5.3	5.0	7.3	7.0	6.0	5.7
PLEASURE SUPREME (PM 103)	6.7	4.3	3.0	7.0	6.0	4.7	6.3	3.3	6.7	7.3	7.0	5.7
PREMIER II	4.3	3.0	4.0	7.0	6.7	5.3	6.3	3.0	6.0	7.0	6.0	5.7
DP 17-9788	3.7	2.7	3.7	7.0	7.0	5.0	6.0	2.3	5.0	7.3	7.0	5.6
NEXUS XR (SNR)	7.3	3.3	3.0	6.0	6.0	4.3	6.0	4.7	6.0	7.7	6.7	5.6
PALMER IV	7.3	3.7	3.0	7.0	6.3	5.0	6.3	3.0	6.3	7.0	6.3	5.6
PINNACLE II	6.0	4.0	3.7	7.3	6.7	6.0	7.0	4.0	5.0	5.3	5.7	5.6
REGAL 5 (IS-PR 271)	7.0	2.3	3.0	6.0	5.0	5.0	6.7	4.7	6.0	7.0	7.0	5.6
BAR LP 4317	3.3	2.3	3.3	7.3	6.3	5.3	6.0	3.0	6.0	6.0	6.0	5.5
ASP6002 (BPR)	6.3	2.3	3.0	6.0	6.3	4.7	6.3	4.7	5.7	6.0	6.0	5.4
ASP6003 (TRS)	7.7	4.3	3.3	6.0	6.3	5.7	6.3	3.7	5.3	5.7	6.3	5.4
BARLENNIUM	4.0	3.0	3.3	6.0	6.0	6.0	5.7	4.7	5.7	5.7	5.7	5.4
CUTTER II (PM 101)	7.3	3.0	3.0	6.0	6.0	5.0	5.3	3.3	6.3	6.7	7.0	5.4
EXACTA II GLSR (LTP-611-GLSR)	6.7	4.0	2.7	7.0	6.0	5.0	6.0	3.0	5.3	7.7	5.7	5.4
FUSION	6.0	2.7	2.3	5.7	6.0	5.3	6.0	3.0	6.0	7.7	7.0	5.4
GALATTI (DP 17-9502)	4.7	3.7	3.3	5.3	6.0	5.0	6.7	3.0	6.0	7.0	6.7	5.4
PALMER III	4.0	2.3	3.3	5.7	5.3	5.0	5.3	5.3	7.0	6.0	5.7	5.4
QUICKSILVER	6.0	1.7	2.3	7.0	6.0	4.3	6.3	4.0	6.3	6.0	6.0	5.4
VB99	7.3	3.0	3.0	6.0	6.3	5.3	7.0	3.0	5.7	6.0	6.7	5.4
BREA (04-BRE)	5.7	4.0	3.0	6.0	5.7	4.7	6.3	3.7	5.3	6.0	7.0	5.3
ATTRIBUTE (IS-PR 270)	6.3	3.3	2.7	6.0	5.3	5.0	6.7	3.7	6.0	6.3	5.7	5.3
BAR LP 4420	6.0	3.0	3.0	6.7	7.0	5.0	6.3	2.3	5.3	6.0	5.7	5.3

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS									MEAN
			MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DART (APR 1663)	5.0	3.0	2.7	6.0	5.0	5.3	5.3	3.7	6.7	6.3	6.3	5.3
DP 17-9499	5.0	3.3	3.0	6.0	5.3	5.0	5.3	5.0	6.3	5.3	6.0	5.3
MMW	6.0	3.0	2.3	5.0	4.7	4.3	5.3	5.7	6.3	8.0	6.3	5.3
SECRETARIAT II GLSR (LTP-101-GLSR)	4.3	4.0	3.7	4.7	6.0	4.7	6.0	3.7	6.7	7.3	5.3	5.3
ACCENT II (JR-119)	5.7	2.7	3.0	6.7	6.0	5.7	6.0	3.3	4.3	5.3	6.3	5.2
DELAWARE XL (PICK 01-2)	6.7	2.7	3.0	5.7	5.7	4.7	6.3	4.0	5.3	6.0	6.0	5.2
PIANIST (DP 17-9505)	3.7	3.0	3.3	5.7	6.0	5.3	5.0	3.0	5.0	7.0	6.3	5.2
WIND DANCE 2 (PWDR)	7.0	2.0	2.7	5.3	5.3	4.0	5.0	4.0	6.7	7.0	7.0	5.2
CALYPSO 3 (MS2)	7.0	3.0	2.7	5.3	5.3	4.0	5.3	4.0	6.0	7.0	6.0	5.1
PM 102	7.0	3.0	3.0	6.0	6.0	4.7	5.3	4.3	5.3	5.3	6.3	5.1
AFFINITY	2.0	3.7	3.3	5.0	6.3	5.3	4.7	3.7	5.7	6.0	5.0	5.0
ASP6005 (AJM)	6.7	4.3	2.7	6.7	6.7	5.0	6.0	3.0	5.0	4.7	5.3	5.0
ASP6006 (LPFG)	7.7	2.7	3.0	6.0	5.0	4.7	5.3	3.0	5.3	6.3	6.7	5.0
BAR LP 4920	4.7	3.0	3.0	6.0	5.0	3.3	5.3	3.7	6.0	7.0	5.7	5.0
DEFENDER (D04-UP)	6.7	3.3	2.3	5.0	5.0	5.0	5.0	3.0	5.3	7.0	7.0	5.0
PANTHER	3.7	3.3	3.0	5.7	6.3	4.3	5.0	3.3	5.7	6.0	5.3	5.0
PRESIDIO (CNV)	6.7	3.0	3.0	6.3	6.0	5.0	5.7	2.0	4.3	6.3	5.3	4.9
PIZZAZZ	6.3	3.7	2.0	5.7	5.0	3.7	5.0	3.0	5.7	7.0	6.0	4.8
SUNSHINE 2	6.0	1.7	2.0	6.0	6.3	4.7	6.0	3.3	5.3	4.0	4.3	4.7
LPR 02203	1.3	2.7	3.3	5.3	5.3	4.7	3.7	3.0	6.3	4.7	4.7	4.6
HALO (KN42)	7.7	2.0	3.0	5.0	5.3	4.0	4.7	2.0	4.3	5.7	5.0	4.3
PREMIER	1.3	4.0	3.7	4.3	6.0	5.0	3.7	4.0	5.0	4.0	3.3	4.3
PICK 02-R	8.7	3.0	2.0	5.7	5.3	4.0	5.3	2.7	3.3	4.7	4.7	4.2
PINNACLE	1.7	4.7	4.3	4.3	5.0	4.0	4.0	2.0	4.0	5.0	4.3	4.1
LINN	1.0	2.0	2.7	2.0	3.0	1.3	1.0	1.0	1.3	1.7	1.7	1.7
LSD VALUE	0.9	1.3	1.2	1.5	1.6	1.5	1.3	1.6	1.2	1.5	1.4	0.8
C.V. (%)	11.1	23.5	19.6	13.8	14.5	16.6	12.5	22.8	12.6	13.1	12.9	9.2

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 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
CALYPSO 3 (MS2)	8.0	5.0	7.3	8.3	7.7	7.0	7.7	8.3	8.3	7.8
VB99	7.3	5.3	7.7	7.7	7.7	7.7	7.7	8.0	8.0	7.8
ASP6006 (LPFG)	7.7	5.7	7.0	7.7	7.3	7.3	7.7	8.3	8.3	7.7
FIJI (GPR)	7.0	6.0	8.0	7.3	7.7	7.3	7.3	8.0	8.0	7.7
PALMER IV	7.0	6.3	7.7	8.0	7.3	7.0	7.7	8.0	8.0	7.7
ASP6003 (TRS)	7.3	6.0	7.7	7.7	7.0	6.7	7.3	8.3	8.3	7.6
LA QUINTA (JR-255)	7.0	5.7	8.3	7.3	7.0	7.3	7.7	7.7	7.7	7.6
MAJESTY II (VB77)	7.7	6.3	7.3	7.7	7.3	7.3	7.7	7.7	8.0	7.6
ASP6004 (EXS54)	7.0	6.7	7.3	7.3	7.3	7.0	7.7	8.0	8.0	7.5
CABO II (IS-PR 233)	8.0	5.7	7.3	7.3	7.7	6.7	7.3	8.0	8.0	7.5
L44	7.7	6.0	7.7	7.3	7.3	7.3	7.3	7.7	7.7	7.5
WIND DANCE 2 (PWDR)	7.0	5.7	7.3	7.7	7.0	7.3	7.3	8.0	8.0	7.5
CUTTER II (PM 101)	7.3	7.0	7.3	8.3	7.3	6.3	7.0	7.7	7.7	7.4
DASHER 3 (PICK RB-1)	8.3	5.3	7.7	8.0	7.3	6.7	7.0	7.7	7.3	7.4
DERBY XTREME (IS-PR 268)	7.3	6.0	7.0	7.3	7.0	7.7	7.7	7.7	7.7	7.4
HALO (KN42)	7.3	5.7	7.3	7.3	7.0	6.7	7.3	8.0	8.0	7.4
KOKOMO II (IS-PR 235)	8.0	6.7	6.7	8.0	7.3	7.0	7.3	7.7	7.7	7.4
NEXUS XD (SP4)	7.7	5.7	8.3	7.7	7.3	6.3	7.3	7.7	7.3	7.4
PARAGON GLR	7.3	5.3	7.0	7.7	7.3	7.3	7.3	7.7	7.7	7.4
REVENGE GLX (JR-348)	8.0	7.0	7.0	8.0	7.3	7.0	7.0	7.7	7.7	7.4
AF	7.7	6.3	6.3	7.0	7.0	7.3	7.3	8.0	8.0	7.3
ALLSTAR 3 (IS-PR 274)	7.3	6.7	7.3	7.7	7.0	6.3	7.0	8.0	8.0	7.3
UNO (D04-11T)	6.7	5.7	7.3	7.7	6.7	6.7	7.3	7.7	7.7	7.3
DELAWARE XL (PICK 01-2)	6.7	5.7	7.3	7.3	6.7	6.7	7.0	8.0	8.0	7.3
FIESTA 4 (PICK F4)	7.0	7.0	7.3	7.7	7.3	6.7	7.3	7.3	7.7	7.3
FIREBOLT (PRG HS-01-09)	7.3	6.0	7.0	8.0	7.3	6.7	7.0	7.7	7.7	7.3
MACH I	7.0	5.7	7.7	7.3	6.7	6.7	7.0	8.0	7.7	7.3
PLEASURE SUPREME (PM 103)	7.3	5.7	6.7	7.0	7.0	7.0	7.7	8.0	8.0	7.3
AMAZING GS (IS-PR 276)	7.7	6.3	7.0	8.0	7.3	6.0	7.0	7.7	7.7	7.2
EXACTA II GLSR (LTP-611-GLSR)	8.0	6.7	7.0	7.0	6.7	6.0	7.3	8.3	8.3	7.2
LINE DRIVE GLS (APR 1797)	7.7	6.0	6.7	7.0	7.0	7.3	7.3	7.7	7.7	7.2
MMW	7.7	6.3	7.3	7.0	7.0	6.3	7.3	7.7	7.7	7.2
PICK 02-R	7.0	5.7	8.3	8.0	7.0	5.0	6.3	7.7	8.0	7.2
PRIMARY (IS-PR 269)	7.3	6.0	7.0	7.0	6.7	7.3	7.3	7.7	7.7	7.2
PROTEGE GLR	7.3	6.7	7.0	7.3	7.0	6.0	7.0	8.0	8.0	7.2
QUICKSILVER	6.7	5.0	7.3	7.0	6.7	6.7	7.3	8.0	7.7	7.2
REGAL 5 (IS-PR 271)	8.0	5.7	7.3	7.7	7.0	5.7	7.0	8.0	8.0	7.2
TR47	8.3	6.0	8.0	6.7	6.3	6.7	7.3	7.7	7.7	7.2
ZOOM (LCK)	7.3	6.3	7.7	7.0	7.3	7.3	7.3	6.7	7.0	7.2
ASP6005 (AJM)	7.7	6.0	7.7	7.3	6.3	6.3	7.0	7.7	7.7	7.1
HEADSTART 2	6.7	6.3	7.0	8.0	7.0	6.0	7.0	7.3	7.3	7.1
HOMERUN (RG3P)	7.3	6.3	7.7	7.0	6.3	5.7	6.7	8.3	8.3	7.1
NEXUS XR (SNR)	7.3	5.3	7.7	7.3	7.0	6.0	6.7	7.7	7.7	7.1
OVERDRIVE	7.0	5.3	7.0	6.7	7.0	7.3	7.3	7.0	7.3	7.1
PALACE (IS-PR 273)	7.7	6.3	7.0	8.0	6.7	5.7	7.0	7.7	7.7	7.1
STELLAR GL (IS-PR 236)	7.7	5.7	7.7	8.0	7.0	5.7	6.7	7.3	7.3	7.1
RINGER II (04-BEN)	7.3	5.7	6.7	7.3	7.0	6.0	7.0	7.7	7.7	7.0

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
APR 1648	7.3	6.3	6.0	7.0	7.0	7.0	7.0	7.7	7.7	7.0
ASP6001 (RTS)	7.3	5.3	7.3	7.0	6.7	6.0	7.0	7.7	7.7	7.0
ATTRIBUTE (IS-PR 270)	7.3	6.3	7.0	7.3	7.0	6.0	7.0	7.3	7.3	7.0
DCM	7.3	5.7	7.0	7.7	6.7	6.3	6.7	7.3	7.3	7.0
EDGE II (AC2)	7.7	6.0	7.0	7.7	7.0	6.3	7.0	7.0	7.0	7.0
GOALKEEPER II (JR-114)	6.0	5.3	7.0	6.3	6.7	6.7	7.0	7.7	7.7	7.0
PRESIDIO (CNV)	7.7	6.0	7.3	6.7	6.7	5.7	6.7	8.0	7.7	7.0
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	6.0	6.7	7.0	7.0	6.0	6.7	7.7	7.7	7.0
TOP GUN II (JR-324)	6.7	5.3	7.3	7.0	6.7	7.3	7.0	6.7	7.0	7.0
ASP6002 (BPR)	7.0	5.7	7.3	6.7	6.3	6.3	6.7	7.3	7.3	6.9
CADDIESHACK II (JR-163)	6.7	5.0	7.3	6.3	7.0	6.7	6.7	7.0	7.0	6.9
GL-2	7.7	6.7	6.7	7.3	6.3	6.0	7.0	7.3	7.3	6.9
GRAND SLAM 2 (PST-2GSM)	6.7	6.0	6.7	7.7	6.3	5.3	6.7	7.7	7.7	6.9
KEYSTONE 2 (IS-PR 312)	7.7	6.3	6.7	6.7	6.3	6.3	7.0	7.7	7.7	6.9
PINNACLE II	7.0	6.3	6.7	7.3	6.7	6.0	6.7	7.3	7.3	6.9
PIZZAZZ	8.0	6.0	6.3	6.3	6.3	6.7	7.0	7.7	7.7	6.9
REPELL GLS	7.3	6.7	7.0	7.0	7.0	5.7	6.7	7.7	7.3	6.9
SUNSHINE 2	6.0	5.7	8.0	7.3	6.7	5.7	6.7	7.0	7.0	6.9
BUENA VISTA	7.7	6.7	7.0	6.3	6.7	6.0	6.7	7.3	7.3	6.8
DP 17-9499	7.3	6.3	7.0	6.7	6.7	6.0	6.7	7.3	7.3	6.8
DP1	7.7	6.3	7.3	7.7	6.3	5.3	6.3	7.3	7.3	6.8
ES45	8.0	6.3	6.7	7.0	6.3	5.7	6.7	7.7	7.7	6.8
HARRIER (SRX 4UP3)	7.3	7.0	6.3	6.7	6.3	5.7	7.0	7.7	7.7	6.8
PM 102	7.3	6.3	6.0	6.3	6.3	6.3	7.0	7.7	7.7	6.8
PS-2	7.3	5.7	6.3	7.0	7.0	6.0	7.0	7.0	7.0	6.8
RNS	7.3	5.7	6.7	7.0	6.3	5.7	7.0	7.3	7.3	6.8
SILVER DOLLAR	7.7	7.3	6.3	6.7	6.3	6.7	6.7	7.3	7.3	6.8
1G SQUARED (APR 1664)	5.3	6.0	6.7	6.7	6.3	6.0	6.7	7.3	7.3	6.7
APPLE GL (AAZ-B104)	7.0	6.3	7.3	7.0	6.0	5.3	6.3	7.3	7.3	6.7
TRANSFORMER (D04-1667)	7.0	6.3	6.3	6.7	6.7	6.7	6.7	7.0	7.0	6.7
FUSION	6.7	5.7	6.3	7.0	6.7	5.3	6.7	7.3	7.3	6.7
INSPIRE	7.7	5.7	7.0	6.3	6.3	5.3	6.7	7.7	7.3	6.7
MONTEREY 3 (JR-408)	7.0	5.0	7.0	6.7	7.0	6.3	6.7	6.7	6.7	6.7
PREMIER II	7.3	5.7	6.0	6.7	7.0	7.0	7.0	6.7	6.7	6.7
PST-217	6.3	4.7	6.7	6.3	6.3	5.3	7.0	7.7	7.7	6.7
PST-2AG4	7.0	6.0	6.7	7.3	6.7	6.0	6.3	6.7	7.0	6.7
SR 4600 (SRX 4SP)	7.0	6.3	6.3	7.0	6.7	6.3	6.7	7.0	7.0	6.7
CITATION FORE	7.3	6.0	7.0	6.7	6.3	5.7	6.7	7.0	7.0	6.6
DEFENDER (D04-UP)	7.0	6.3	6.3	6.3	6.0	6.3	6.7	7.3	7.3	6.6
PHENOM (APR 1660)	7.0	5.7	6.0	6.3	6.7	5.7	6.7	7.3	7.3	6.6
PST-2BLK	6.3	5.0	6.3	6.7	6.7	6.3	6.7	6.7	6.7	6.6
HAWKEYE 2 (SRX 4692)	7.3	6.3	6.3	7.0	6.3	6.7	6.7	6.3	6.7	6.6
BREA (04-BRE)	7.3	6.0	6.7	6.7	6.3	6.0	6.7	6.7	6.7	6.5
E-99	6.7	6.3	6.0	5.7	6.3	6.7	6.7	7.0	7.0	6.5
PANTHER GLS	6.7	6.3	6.0	6.3	6.0	6.0	6.7	7.3	7.3	6.5
PST-2LAN	7.0	5.0	7.0	6.3	6.0	6.0	6.3	7.0	7.0	6.5
SRX 4682	7.3	5.3	6.7	6.3	6.3	5.7	6.7	7.0	7.0	6.5

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
BAR LP 4420	7.0	5.7	6.7	6.7	6.3	5.7	6.3	6.7	6.7	6.4
DO4-LP05	8.0	6.0	6.7	6.7	6.3	6.0	6.3	6.3	6.3	6.4
DART (APR 1663)	7.0	6.3	6.7	7.0	6.3	5.0	6.0	7.0	6.7	6.4
GRAY FOX (PST-2MNG)	7.3	5.7	7.0	7.0	6.3	6.0	6.3	6.0	6.0	6.4
RAD-PR8	8.0	5.7	6.7	6.3	6.0	5.7	6.3	6.7	7.0	6.4
BARLENNIUM	6.3	5.7	6.0	5.7	6.3	6.3	6.7	6.7	6.7	6.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	6.3	6.3	6.7	6.3	5.7	6.3	6.3	6.3	6.3
MANHATTAN 5 GLR (PST-2AM)	7.0	5.3	6.7	6.0	6.0	5.3	6.0	7.0	7.0	6.3
PENTIUM	6.7	5.7	5.3	5.3	6.3	7.0	6.7	6.7	6.7	6.3
ACCENT II (JR-119)	6.7	5.3	6.0	6.3	6.7	6.3	6.3	6.0	6.0	6.2
BAR LP 4317	7.0	5.3	6.0	6.0	6.0	6.0	6.0	6.7	6.7	6.2
GALATTI (DP 17-9502)	7.0	6.0	6.7	6.3	6.0	5.0	5.7	6.7	6.7	6.1
GRAY STAR (PST-2LGL)	7.3	5.0	6.7	6.7	6.3	4.7	5.7	6.3	6.3	6.1
PIANIST (DP 17-9505)	7.7	6.3	6.3	6.3	6.0	4.7	6.0	6.7	6.7	6.1
APR 1670	7.0	6.3	5.3	5.7	5.7	5.3	6.3	7.0	7.0	6.0
BAR LP 4920	6.3	6.3	5.3	5.7	6.0	4.3	6.3	7.0	7.0	6.0
DP 17-9788	7.0	5.3	6.3	5.7	5.7	5.7	6.3	6.0	6.3	6.0
BRIGHTSTAR SLT	7.3	5.3	5.3	5.7	5.7	5.3	6.0	6.7	6.7	5.9
PALMER III	6.3	5.7	5.0	5.7	5.7	4.7	6.0	6.3	6.3	5.7
PANTHER	5.7	5.7	5.0	5.0	5.3	6.0	6.0	6.3	6.3	5.7
LPR 02203	5.7	5.3	5.0	5.0	5.3	5.7	5.0	4.7	5.3	5.1
AFFINITY	6.0	5.3	4.7	3.7	4.3	4.3	4.7	5.0	5.0	4.5
PREMIER	4.7	5.3	4.7	4.0	4.3	4.3	4.3	4.0	4.3	4.3
PINNACLE	5.0	5.0	3.7	3.3	3.7	4.0	4.0	4.0	4.0	3.8
LINN	4.0	4.7	2.0	1.7	2.0	2.0	2.0	2.0	2.0	2.0
LSD VALUE	1.6	1.9	1.0	1.1	1.1	1.6	1.0	1.0	0.9	0.6
C.V. (%)	11.4	12.7	9.1	10.4	10.2	14.7	9.3	8.7	8.3	6.4

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 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS								MEAN
	COLOR	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
DP1	8.3	8.7	7.3	8.0	9.0	9.0	5.0	5.0	5.3	7.2
HARRIER (SRX 4UP3)	7.7	8.3	6.7	8.0	8.3	8.7	5.3	5.3	6.3	7.1
APPLE GL (AAZ-B104)	7.7	8.3	6.7	7.0	8.0	7.3	5.7	5.7	6.7	6.9
PANTHER GLS	7.7	7.7	7.0	7.0	6.7	6.7	6.3	6.3	7.0	6.8
SR 4600 (SRX 4SP)	8.3	8.3	6.7	7.0	7.0	7.7	5.7	5.7	6.7	6.8
TRANSFORMER (D04-1667)	7.7	8.0	6.7	7.0	7.7	6.7	5.7	5.7	6.0	6.7
LINE DRIVE GLS (APR 1797)	7.7	7.7	7.0	6.7	7.0	7.7	5.3	5.7	6.0	6.6
AF	8.0	7.3	6.7	7.0	7.3	6.7	5.7	5.7	6.0	6.5
ALLSTAR 3 (IS-PR 274)	8.0	7.0	6.7	6.7	6.3	7.0	6.0	6.0	6.3	6.5
AMAZING GS (IS-PR 276)	8.3	7.7	6.7	6.7	7.3	7.0	5.7	6.0	4.7	6.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	8.0	8.0	6.7	6.3	6.0	6.3	6.0	6.0	6.7	6.5
EXACTA II GLSR (LTP-611-GLSR)	8.7	8.3	6.3	7.7	7.3	6.7	5.7	5.0	5.0	6.5
GRAND SLAM 2 (PST-2GSM)	7.3	8.0	6.3	7.0	6.3	6.7	5.7	5.3	6.7	6.5
SECRETARIAT II GLSR (LTP-101-GLSR)	8.0	7.7	6.0	7.0	7.3	7.0	5.3	5.7	6.0	6.5
MANHATTAN 5 GLR (PST-2AM)	7.0	7.0	6.0	7.0	6.7	6.7	5.7	5.7	6.3	6.4
PHENOM (APR 1660)	7.7	8.0	6.7	6.7	6.7	7.0	5.3	5.3	5.7	6.4
APR 1670	7.3	7.7	6.7	7.0	7.0	5.0	5.7	5.3	5.7	6.3
FIESTA 4 (PICK F4)	8.3	7.7	6.0	7.3	7.7	6.3	5.0	4.7	5.3	6.3
PARAGON GLR	8.3	7.0	6.7	6.7	7.3	7.3	5.7	5.0	5.0	6.3
PRIMARY (IS-PR 269)	8.0	7.3	6.3	7.7	7.3	7.3	5.0	5.0	4.0	6.3
SILVER DOLLAR	8.0	8.3	5.7	6.7	6.3	6.0	5.7	5.3	6.3	6.3
HAWKEYE 2 (SRX 4692)	7.7	7.3	5.3	7.0	7.7	7.0	5.3	5.3	5.0	6.3
1G SQUARED (APR 1664)	7.7	8.3	6.0	6.7	7.0	6.3	5.3	5.0	4.7	6.2
RNS	8.0	7.3	6.3	6.0	6.3	5.7	6.0	6.0	5.7	6.2
HOMERUN (RG3P)	8.3	6.7	6.0	7.3	7.7	6.0	5.0	5.0	5.3	6.1
MMW	8.3	7.7	6.7	6.3	6.7	6.0	4.7	5.7	5.3	6.1
OVERDRIVE	7.3	7.7	6.0	7.0	6.0	6.0	5.3	5.7	5.0	6.1
GRAY FOX (PST-2MNG)	8.0	6.7	5.7	6.7	5.3	5.7	6.0	6.0	6.7	6.1
ZOOM (LCK)	8.0	7.3	6.7	7.0	6.3	6.3	5.3	5.3	4.7	6.1
CITATION FORE	8.0	6.7	5.3	5.7	5.7	5.7	6.0	6.3	6.3	6.0
DASHER 3 (PICK RB-1)	8.0	7.3	6.3	7.0	7.0	6.0	4.7	5.0	4.3	6.0
GL-2	7.7	7.0	6.0	5.7	6.7	5.7	5.3	5.7	5.7	6.0
KEYSTONE 2 (IS-PR 312)	7.0	7.0	6.3	7.0	5.7	6.0	6.0	4.7	4.7	5.9
PROTEGE GLR	8.3	7.3	6.7	7.7	8.0	6.7	4.3	3.0	3.7	5.9
ATTRIBUTE (IS-PR 270)	8.3	8.0	6.3	6.7	6.3	5.7	5.3	4.3	4.0	5.8
DCM	7.7	6.7	6.3	6.0	5.7	6.0	5.7	5.0	5.0	5.8
DERBY XTREME (IS-PR 268)	8.0	6.7	6.3	6.7	6.7	6.3	5.0	5.0	4.0	5.8
PALMER IV	8.0	7.7	6.7	6.7	6.3	6.3	4.3	4.0	4.3	5.8
PST-2BLK	8.7	7.0	5.7	5.3	6.3	6.0	5.7	5.7	4.7	5.8
KOKOMO II (IS-PR 235)	7.7	7.0	6.3	6.0	6.7	6.0	5.3	4.3	4.0	5.7
REPELL GLS	8.3	6.3	5.0	6.0	6.3	6.3	5.7	5.0	4.7	5.7
BAR LP 4317	7.0	6.7	5.3	6.0	5.7	5.0	5.7	5.7	5.0	5.6
DART (APR 1663)	7.3	7.7	6.0	6.0	6.3	5.0	4.3	5.0	4.3	5.6
REVENGE GLX (JR-348)	8.0	7.0	5.7	5.7	6.0	6.0	5.0	5.3	4.0	5.6
SRX 4682	8.0	6.7	5.7	5.7	6.3	5.0	5.0	5.7	4.7	5.6
STELLAR GL (IS-PR 236)	8.0	7.7	6.3	7.0	7.3	7.0	4.0	3.0	2.7	5.6
CABO II (IS-PR 233)	7.7	7.7	5.7	6.0	5.7	5.3	4.7	4.3	4.3	5.5

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS								MEAN
	COLOR	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
UNO (D04-11T)	8.0	7.3	6.0	7.3	6.7	5.7	4.0	3.7	3.7	5.5
PST-217	8.0	7.0	5.7	5.0	5.7	5.0	5.7	5.7	4.7	5.5
PST-2LAN	7.3	6.3	6.0	5.7	5.3	5.0	5.7	5.7	4.7	5.5
REGAL 5 (IS-PR 271)	8.3	6.3	5.7	6.0	6.0	5.3	5.0	5.3	4.0	5.5
PINNACLE II	7.3	6.7	5.0	5.0	4.7	5.7	5.7	5.3	5.3	5.4
BUENA VISTA	7.7	6.7	6.0	5.3	4.7	5.3	5.0	5.3	4.3	5.3
DP 17-9788	7.3	6.7	5.0	4.7	4.7	4.3	5.7	6.0	5.3	5.3
EDGE II (AC2)	8.0	6.3	6.0	6.3	5.3	5.0	4.3	4.3	3.7	5.2
PALACE (IS-PR 273)	8.3	6.3	5.7	6.3	6.0	6.0	4.3	4.0	3.0	5.2
PST-2AG4	8.0	7.3	5.3	5.7	5.0	5.0	4.7	5.0	3.7	5.2
RAD-PR8	7.3	6.3	4.7	5.3	5.3	5.3	4.7	5.0	4.7	5.2
MAJESTY II (VB77)	8.0	6.0	5.7	5.0	4.3	5.0	6.0	5.7	4.0	5.2
ACCENT II (JR-119)	7.7	5.3	5.3	5.3	5.0	4.7	5.7	5.7	3.7	5.1
ASP6004 (EXS54)	8.0	6.7	5.0	5.3	5.0	5.0	5.0	5.3	3.3	5.1
CADDIESHACK II (JR-163)	7.7	6.0	6.0	5.3	4.7	4.7	5.3	4.7	4.3	5.1
DEFENDER (D04-UP)	7.3	7.7	5.7	5.7	6.0	5.0	3.3	3.3	3.3	5.0
PENTIUM	7.0	5.7	5.0	5.7	4.7	4.3	5.3	5.0	4.7	5.0
RINGER II (04-BEN)	7.5	6.0	6.0	5.5	5.0	5.0	4.0	4.0	4.0	4.9
AFFINITY	6.3	4.7	5.3	4.7	4.7	4.3	5.7	5.3	4.7	4.9
ES45	8.0	6.3	5.3	5.0	4.3	4.7	5.0	5.0	3.3	4.9
GRAY STAR (PST-2LGL)	7.3	6.7	5.0	5.0	3.7	4.3	5.0	5.0	4.7	4.9
PREMIER II	6.5	6.0	4.5	5.5	4.5	4.5	5.0	5.0	4.0	4.9
BREA (04-BRE)	7.7	5.7	5.0	4.0	4.0	4.7	5.0	4.7	5.7	4.8
APR 1648	7.7	5.3	5.7	4.0	5.0	4.3	4.3	5.0	4.7	4.8
FUSION	7.7	6.0	4.3	5.0	4.7	4.0	4.7	5.3	4.0	4.8
MACH I	7.3	5.7	5.0	5.0	4.7	5.0	4.7	4.7	3.7	4.8
BAR LP 4420	7.7	6.0	4.7	4.7	4.0	4.7	5.3	4.7	3.7	4.7
FIJI (GPR)	8.0	5.3	5.3	5.3	4.3	4.7	4.3	4.7	3.3	4.7
BARLENNIUM	7.5	5.0	4.5	4.5	4.0	4.5	5.5	5.0	4.0	4.6
L44	8.5	5.5	5.0	5.5	4.0	4.0	4.5	4.5	3.5	4.6
TR47	8.0	6.0	4.3	4.7	3.7	4.3	4.3	5.0	4.3	4.6
NEXUS XR (SNR)	8.0	6.0	5.0	5.0	4.0	4.7	4.0	4.3	2.7	4.5
PLEASURE SUPREME (PM 103)	7.3	6.7	5.3	5.0	4.0	4.3	4.0	4.3	2.3	4.5
PRESIDIO (CNV)	7.7	6.0	5.0	4.7	4.3	4.7	4.3	4.0	3.3	4.5
CUTTER II (PM 101)	8.0	4.7	4.7	3.7	4.3	4.7	4.7	5.0	3.7	4.4
GOALKEEPER II (JR-114)	8.0	5.5	5.0	4.5	3.5	4.0	4.0	5.0	4.0	4.4
LA QUINTA (JR-255)	8.0	5.0	4.3	4.3	3.0	4.0	5.0	5.0	4.3	4.4
PS-2	8.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0	4.4
SUNSHINE 2	8.0	5.0	4.5	4.0	4.5	4.0	5.0	4.5	3.5	4.4
WIND DANCE 2 (PWDR)	8.0	5.7	4.3	4.7	3.0	4.3	5.0	4.7	3.3	4.4
DELAWARE XL (PICK 01-2)	8.0	5.0	5.0	3.3	3.7	4.7	4.3	4.7	3.3	4.3
FIREBOLT (PRG HS-01-09)	8.0	6.0	5.0	4.7	3.7	4.0	4.0	3.7	3.3	4.3
PALMER III	7.3	5.3	4.7	4.7	3.0	4.3	5.3	4.7	2.7	4.3
PREMIER	6.3	5.3	4.3	4.0	3.3	4.0	4.7	4.3	4.0	4.3
TOP GUN II (JR-324)	7.7	5.0	4.7	4.0	4.0	4.0	4.7	4.7	3.3	4.3
VB99	8.0	5.7	4.3	4.7	4.7	4.0	4.3	3.3	3.3	4.3
ASP6002 (BPR)	7.5	6.0	4.5	4.0	3.5	4.0	4.0	4.0	3.0	4.1

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS								
	COLOR	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DP 17-9499	8.0	4.7	4.0	4.0	3.7	4.3	4.3	4.3	3.3	4.1
GALATTI (DP 17-9502)	7.7	5.7	4.3	4.0	3.3	4.0	4.0	4.0	3.7	4.1
INSPIRE	7.3	5.0	4.7	4.3	3.0	3.7	4.0	4.7	3.7	4.1
CALYPSO 3 (MS2)	8.3	5.3	4.3	3.7	4.7	3.3	4.0	3.7	3.3	4.0
E-99	6.7	5.3	4.7	4.0	3.3	4.0	2.7	4.3	3.3	4.0
MONTEREY 3 (JR-408)	7.3	4.7	4.3	3.7	3.3	3.7	4.0	4.7	3.3	4.0
NEXUS XD (SP4)	8.0	6.0	4.0	3.7	3.3	3.7	3.7	4.7	2.7	4.0
PIANIST (DP 17-9505)	8.0	4.7	4.7	3.3	4.0	4.3	3.7	4.3	3.0	4.0
ASP6001 (RTS)	7.7	5.3	4.0	4.3	3.0	3.7	4.3	4.3	2.3	3.9
ASP6005 (AJM)	8.3	4.3	5.3	3.7	4.0	3.3	3.7	3.7	3.3	3.9
D04-LP05	8.0	5.7	5.3	3.7	3.7	3.3	3.0	3.3	2.3	3.8
HEADSTART 2	8.0	4.3	3.7	3.3	3.7	3.0	4.3	4.7	3.3	3.8
PINNACLE	6.3	5.0	3.3	3.3	2.3	3.3	3.7	5.0	4.0	3.8
HALO (KN42)	8.0	4.0	4.7	4.3	3.7	4.3	3.7	3.0	1.7	3.7
ASP6003 (TRS)	7.0	4.3	4.3	3.0	3.3	3.3	3.7	3.7	3.3	3.6
ASP6006 (LPFG)	7.3	3.7	4.3	3.3	3.7	2.3	3.3	4.0	3.3	3.5
PM 102	8.0	5.7	4.0	3.0	2.7	2.7	2.0	3.7	3.0	3.3
QUICKSILVER	6.7	5.0	4.0	3.7	2.3	2.7	3.3	2.7	2.7	3.3
BRIGHTSTAR SLT	7.0	4.0	4.0	2.3	2.0	2.7	3.0	3.7	3.3	3.1
PANTHER	7.5	3.0	3.0	2.5	3.0	2.5	4.5	3.5	2.0	3.0
PICK 02-R	8.0	3.0	4.0	3.0	2.5	2.5	3.0	2.5	2.0	2.8
PIZZAZZ	7.5	2.5	3.5	2.0	2.5	3.5	4.0	2.5	1.0	2.7
BAR LP 4920	7.0	2.5	3.5	3.5	2.0	1.0	3.0	2.5	2.0	2.5
LINN	5.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
LPR 02203	.	.	.	.	.	.	.	.	.	.
LSD VALUE	1.0	1.7	1.2	1.8	1.6	1.7	2.2	2.3	2.2	1.0
C.V. (%)	6.7	16.3	13.7	20.1	19.2	19.9	21.7	22.2	28.7	12.9

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 AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER		TYPHULA BLIGHT	DOLLAR SPOT	SEEDHEAD RATINGS	POA ANNUA	APR	MAY	QUALITY RATINGS					MEAN
			FALL								JUN	JUL	AUG	SEP	OCT	
APR 1648	7.7	5.0	90.0		6.0	7.0	8.0	6.7	6.0	6.3	7.0	6.7	6.0	7.0	7.0	6.6
SILVER DOLLAR	7.3	4.7	88.3		7.0	9.0	7.3	6.3	6.7	6.0	6.3	6.7	6.0	7.3	7.0	6.6
TRANSFORMER (D04-1667)	6.3	4.0	80.0		6.0	8.0	7.7	7.3	6.0	6.3	7.0	7.0	5.7	6.7	6.3	6.4
AMAZING GS (IS-PR 276)	6.7	4.7	76.7		5.3	8.0	7.3	6.7	5.3	6.0	6.3	7.0	6.3	6.7	6.7	6.3
DERBY XTREME (IS-PR 268)	7.0	4.3	93.0		6.7	7.3	7.0	7.0	5.7	6.3	6.0	6.3	5.7	7.3	7.0	6.3
E-99	6.3	4.0	85.0		5.7	8.7	6.7	6.0	5.0	5.3	6.7	7.0	6.7	7.0	6.3	6.3
KEYSTONE 2 (IS-PR 312)	6.7	4.3	90.0		6.3	8.7	7.7	6.7	5.3	6.0	6.7	6.7	6.0	7.0	6.7	6.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.7	4.7	86.7		6.0	8.0	6.3	7.3	5.3	5.7	6.3	6.7	6.0	7.0	6.7	6.2
FIESTA 4 (PICK F4)	6.7	5.0	91.7		5.7	7.0	6.7	7.3	5.0	6.0	7.0	6.0	5.3	7.3	7.0	6.2
PANTHER GLS	6.3	3.7	88.3		5.0	8.3	7.3	7.7	5.0	6.0	6.7	6.3	6.3	6.7	6.3	6.2
ZOOM (LCK)	6.7	4.3	88.3		5.7	6.3	7.3	7.3	5.3	6.3	7.0	6.3	5.7	6.7	6.3	6.2
ACCENT II (JR-119)	6.0	3.7	83.3		6.3	6.7	7.7	6.3	5.7	5.7	6.7	6.0	5.7	6.7	6.3	6.1
ALLSTAR 3 (IS-PR 274)	7.0	4.7	90.0		5.7	7.0	7.7	6.7	5.0	6.3	7.0	6.3	6.0	6.3	6.0	6.1
BUENA VISTA	7.3	4.0	88.3		5.7	8.7	7.0	7.3	5.3	6.0	6.3	6.0	5.7	7.0	6.3	6.1
UNO (D04-11T)	7.7	4.7	88.3		6.7	7.7	7.0	7.3	4.7	6.0	6.3	6.3	5.7	6.7	7.0	6.1
GL-2	7.0	5.0	76.7		6.0	7.3	5.7	7.0	5.3	6.0	6.0	6.3	5.7	7.0	6.7	6.1
MANHATTAN 5 GLR (PST-2AM)	5.7	4.0	88.3		5.0	8.7	6.7	7.7	5.3	5.0	6.0	6.7	6.3	6.7	6.7	6.1
MMW	6.7	4.3	76.7		5.0	6.3	6.7	7.7	5.0	5.7	6.7	6.3	6.0	6.7	6.3	6.1
TOP GUN II (JR-324)	6.7	4.3	80.0		6.0	7.3	7.7	6.3	5.3	6.0	6.3	6.7	6.0	6.7	6.0	6.1
CUTTER II (PM 101)	7.0	4.3	85.0		5.0	6.7	7.7	6.3	5.0	5.7	6.3	5.7	5.7	7.0	6.3	6.0
FIJI (GPR)	7.3	3.7	90.0		5.3	7.3	7.3	7.0	5.7	5.7	6.7	5.7	5.7	6.3	6.0	6.0
LINE DRIVE GLS (APR 1797)	6.0	4.3	86.7		6.0	6.3	6.0	8.0	5.7	6.0	5.7	5.7	6.0	6.7	6.7	6.0
PST-217	6.7	4.0	83.3		6.7	8.3	7.0	6.0	6.0	5.3	6.3	6.0	5.7	6.7	6.0	6.0
PST-2LAN	5.3	4.0	88.3		5.3	8.3	6.7	4.7	5.3	5.7	6.0	6.3	6.0	6.7	6.0	6.0
RAD-PR8	6.0	4.0	88.3		5.3	7.3	7.0	7.0	5.0	5.7	6.7	6.0	5.7	6.7	6.7	6.0
RNS	6.7	3.7	86.7		4.3	6.7	7.3	7.3	4.7	5.7	6.3	6.0	5.7	7.3	6.7	6.0
HAWKEYE 2 (SRX 4692)	7.0	4.3	90.0		4.3	7.3	7.0	6.3	5.3	5.3	6.3	6.7	6.0	6.0	6.3	6.0
STELLAR GL (IS-PR 236)	7.7	5.0	83.3		5.0	7.7	6.7	6.0	4.7	5.7	6.3	6.7	5.3	6.7	6.3	6.0
ATTRIBUTE (IS-PR 270)	7.7	5.0	85.0		5.7	8.3	7.3	6.3	5.7	5.7	6.3	6.0	5.3	6.3	6.0	5.9
BAR LP 4317	5.0	4.0	81.7		5.3	5.7	7.7	7.0	5.7	5.7	6.3	6.0	5.7	5.7	6.0	5.9
DASHER 3 (PICK RB-1)	6.0	4.3	85.0		6.3	7.0	6.7	7.0	5.0	5.7	6.0	6.0	5.3	6.7	6.3	5.9
DCM	6.3	4.7	81.7		6.0	7.7	7.7	6.7	5.7	6.0	6.0	5.7	5.7	6.0	6.3	5.9
DP 17-9499	6.0	4.3	85.0		5.0	7.7	8.0	7.0	4.3	6.0	6.7	6.7	5.7	6.0	6.0	5.9
EDGE II (AC2)	7.7	4.0	83.3		5.3	8.0	7.3	5.3	5.0	5.3	6.3	6.3	5.3	6.7	6.3	5.9
EXACTA II GLSR (LTP-611-GLSR)	7.3	4.7	91.3		4.3	7.3	6.7	7.3	4.3	5.7	6.7	6.3	5.3	6.3	6.7	5.9
GRAY STAR (PST-2LGL)	6.7	3.3	88.3		4.0	8.7	7.7	7.7	4.7	6.0	6.0	6.3	5.7	6.3	6.3	5.9
HOMERUN (RG3P)	6.7	4.3	75.0		6.3	7.0	8.0	6.7	5.3	5.7	6.7	6.0	5.7	6.3	5.7	5.9
OVERDRIVE	6.3	3.7	73.3		6.7	8.0	7.7	6.7	5.7	5.7	6.0	6.0	6.0	6.0	5.7	5.9
PENTIUM	5.3	3.0	86.7		4.7	7.7	7.0	7.0	5.0	5.0	6.0	6.7	6.0	6.3	6.0	5.9
PIANIST (DP 17-9505)	6.3	4.3	85.0		4.7	7.0	8.0	6.7	5.0	5.7	6.7	5.7	5.7	6.0	6.3	5.9
SECRETARIAT II GLSR (LTP-101-GLSR)	5.7	5.0	88.3		5.0	7.0	6.0	6.7	5.0	6.0	6.0	6.0	5.7	6.7	6.0	5.9
SR 4600 (SRX 4SP)	7.0	4.3	88.3		5.7	6.0	6.0	7.3	5.0	5.7	6.0	5.3	5.3	7.0	6.7	5.9
TR47	8.0	4.3	88.3		5.3	7.3	7.3	6.3	5.3	5.7	6.7	5.7	5.7	6.0	6.3	5.9
1G SQUARED (APR 1664)	6.3	4.3	81.7		5.0	6.7	6.3	7.3	5.0	6.0	6.0	5.7	5.3	6.3	6.0	5.8
APPLE GL (AAZ-B104)	7.0	4.7	83.3		6.0	6.7	5.0	7.0	5.3	5.3	5.7	6.0	5.7	6.3	6.0	5.8
ASP6001 (RTS)	8.0	3.7	91.7		5.3	7.7	7.0	5.7	5.0	6.0	6.0	6.0	5.0	6.3	6.3	5.8
BARLENNIUM	6.0	4.3	83.3		6.7	7.0	7.0	7.3	6.0	5.3	6.0	5.0	5.7	6.3	6.0	5.8

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT			DOLLAR SPOT	SEEDHEAD RATINGS	POA ANNUA	APR	MAY	JUN	QUALITY RATINGS				MEAN
			COVER FALL	TYPHULA BLIGHT								JUL	AUG	SEP	OCT	
CALYPSO 3 (MS2)	7.0	3.3	88.3	5.0	7.0	7.0	7.0	5.3	5.7	6.3	6.0	5.3	6.3	5.7	5.8	
DP 17-9788	5.0	4.0	75.0	5.3	5.7	8.0	7.7	5.3	6.0	6.0	6.0	5.3	5.7	6.0	5.8	
DP1	7.7	4.7	81.7	4.7	7.3	6.3	7.7	4.7	6.0	6.0	6.3	5.0	6.0	6.3	5.8	
GRAND SLAM 2 (PST-2GSM)	6.0	4.0	85.0	5.7	5.7	6.3	7.7	5.0	5.7	5.7	6.0	5.7	6.3	6.0	5.8	
HARRIER (SRX 4UP3)	6.0	4.0	88.3	5.0	6.3	5.0	6.7	5.0	5.7	5.3	6.0	5.7	6.3	6.7	5.8	
KOKOMO II (IS-PR 235)	7.3	4.3	85.0	6.0	8.3	6.0	5.3	5.0	5.7	6.0	6.3	5.7	6.0	6.0	5.8	
PS-2	6.0	4.0	83.3	5.7	6.3	7.3	6.3	5.3	5.7	6.3	6.0	5.3	6.3	5.7	5.8	
REGAL 5 (IS-PR 271)	7.3	4.7	85.0	4.7	8.0	7.7	6.0	4.7	5.7	7.0	5.3	5.0	6.3	6.3	5.8	
REPELL GLS	6.3	4.0	85.0	5.3	7.3	5.7	7.0	5.0	5.7	6.0	5.7	5.3	6.7	6.0	5.8	
REVENGE GLX (JR-348)	7.3	4.7	91.7	5.7	7.7	6.0	6.7	5.0	5.3	5.7	5.7	5.7	6.7	6.3	5.8	
SRX 4682	5.7	4.0	75.0	6.0	7.3	7.0	6.7	5.7	5.7	6.0	5.7	5.7	6.3	5.3	5.8	
AF	6.0	4.7	81.7	6.0	7.0	6.7	6.0	6.0	5.3	6.0	5.7	5.3	5.7	5.7	5.7	
APR 1670	6.0	4.0	80.0	5.7	7.3	6.0	7.0	5.3	5.0	5.3	6.0	6.0	6.7	5.7	5.7	
BRIGHTSTAR SLT	6.0	3.7	73.3	5.0	6.3	6.3	7.0	5.0	5.0	6.3	5.7	5.7	6.3	5.7	5.7	
CABO II (IS-PR 233)	7.7	5.0	85.0	5.7	8.3	7.7	6.0	4.7	5.7	6.3	6.0	4.7	6.0	6.3	5.7	
CADDIESHACK II (JR-163)	5.7	3.3	76.7	4.7	6.0	6.7	6.7	5.7	5.3	6.0	5.3	5.7	6.3	5.7	5.7	
CITATION FORE	6.3	4.3	80.0	6.3	5.0	6.0	8.0	5.3	5.7	6.0	5.0	5.7	6.0	6.0	5.7	
D04-LP05	7.3	4.7	83.3	6.0	8.7	6.3	6.0	5.7	5.7	6.0	6.0	5.0	6.0	5.3	5.7	
DART (APR 1663)	6.7	4.7	81.7	6.7	8.3	6.3	6.3	5.7	5.3	5.7	6.0	5.3	5.7	6.0	5.7	
PALACE (IS-PR 273)	7.0	4.3	91.7	5.3	6.7	6.7	7.3	4.7	5.3	6.0	5.7	5.3	6.3	6.3	5.7	
PALMER IV	6.7	3.7	73.3	5.0	7.7	5.3	6.7	4.7	6.0	6.0	5.3	5.0	6.3	6.7	5.7	
PREMIER II	5.0	4.7	85.0	5.3	6.7	6.3	6.3	5.3	5.3	6.0	5.3	5.3	6.0	6.3	5.7	
PRIMARY (IS-PR 269)	7.0	3.7	85.0	4.7	7.0	5.7	6.7	4.3	5.7	6.3	6.0	5.7	6.0	6.0	5.7	
RINGER II (04-BEN)	6.7	4.0	86.7	5.7	6.3	4.7	6.3	5.0	5.7	5.3	5.3	5.3	6.0	6.7	5.6	
AFFINITY	4.0	4.3	80.0	5.7	8.3	5.3	7.0	6.3	5.0	5.0	6.0	5.7	6.0	5.0	5.6	
ASP6005 (AJM)	7.3	3.3	86.7	4.7	6.3	7.3	6.0	5.0	5.7	6.0	5.0	5.7	5.7	6.0	5.6	
BAR LP 4920	5.7	4.7	73.3	5.0	7.7	7.0	5.3	6.0	5.0	5.7	5.7	5.7	5.7	5.3	5.6	
FIREBOLT (PRG HS-01-09)	7.0	4.0	71.7	5.0	7.0	8.0	5.3	5.0	5.7	6.7	5.7	5.0	6.0	5.3	5.6	
HEADSTART 2	7.3	4.0	80.0	5.3	8.3	7.0	5.3	4.7	5.3	5.7	6.0	4.7	6.3	6.3	5.6	
INSPIRE	6.3	3.7	85.0	5.7	5.7	7.0	6.3	5.0	5.3	5.3	5.3	5.7	6.0	6.3	5.6	
MONTEREY 3 (JR-408)	7.0	3.7	83.3	5.0	7.7	7.7	7.3	4.3	6.0	6.0	5.7	5.7	5.7	5.7	5.6	
NEXUS XD (SP4)	7.7	3.7	81.7	5.0	7.7	7.3	5.0	5.0	5.3	6.0	5.7	5.3	5.7	6.0	5.6	
PALMER III	5.7	4.3	78.3	5.3	5.7	6.3	6.0	5.3	5.7	5.3	5.3	6.0	6.3	5.3	5.6	
PLEASURE SUPREME (PM 103)	6.7	4.3	75.0	5.0	7.3	7.3	5.3	5.7	5.3	5.7	5.3	5.3	6.0	6.0	5.6	
PROTEGE GLR	7.3	4.7	88.3	6.3	6.0	6.3	7.3	5.3	5.3	6.0	6.0	4.7	6.0	6.0	5.6	
PST-2AG4	7.3	4.0	81.7	5.7	7.3	6.7	6.0	5.3	5.0	5.3	5.3	5.7	6.3	6.3	5.6	
MAJESTY II (VB77)	7.0	3.7	80.0	5.3	9.0	8.0	6.3	5.7	5.0	5.3	5.0	6.0	6.0	6.0	5.6	
VB99	8.0	4.7	80.0	6.3	6.7	7.7	5.7	5.3	5.7	5.7	5.3	5.7	6.0	5.7	5.6	
DEFENDER (D04-UP)	6.3	4.3	86.7	6.0	8.3	6.0	7.0	5.3	5.3	5.7	5.7	5.0	6.0	5.7	5.5	
DELAWARE XL (PICK 01-2)	7.0	4.3	80.0	5.7	5.7	7.3	6.7	4.7	5.7	5.7	5.3	5.0	6.0	6.3	5.5	
GOALKEEPER II (JR-114)	6.3	3.3	80.0	4.3	7.3	7.7	6.0	4.7	5.0	6.0	5.7	5.7	6.0	5.3	5.5	
PHENOM (APR 1660)	6.3	5.0	78.3	6.0	6.3	6.0	7.0	5.0	5.7	6.0	5.7	5.0	5.7	5.7	5.5	
PINNACLE II	5.7	4.7	75.0	5.7	6.7	7.7	6.3	5.0	5.3	5.7	5.7	5.0	6.3	5.7	5.5	
PREMIER	3.7	3.3	75.0	5.3	7.7	5.3	6.0	6.7	4.7	4.7	5.3	6.0	5.7	5.7	5.5	
PRESIDIO (CNV)	7.3	3.7	85.0	5.3	7.7	7.7	5.7	5.7	5.7	6.0	5.7	4.7	5.7	5.0	5.5	
PST-2BLK	7.0	3.3	88.3	5.0	8.3	5.0	6.3	4.7	5.7	5.7	5.7	5.3	6.0	5.7	5.5	
GRAY FOX (PST-2MNG)	6.7	4.7	83.3	5.3	7.3	6.3	7.3	5.3	5.3	5.3	5.7	5.3	5.7	5.7	5.5	

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	TYPHULA BLIGHT	DOLLAR SPOT	SEEDHEAD RATINGS	POA ANNUA	APR	MAY	QUALITY RATINGS					MEAN
			COVER FALL							JUN	JUL	AUG	SEP	OCT	
WIND DANCE 2 (PWDR)	7.3	4.0	85.0	4.7	7.3	8.0	6.3	5.3	5.3	5.7	5.7	5.0	5.7	5.7	5.5
ASP6003 (TRS)	7.7	4.7	83.3	6.3	8.3	8.0	6.0	5.0	5.3	5.7	5.3	5.3	5.7	5.7	5.4
BAR LP 4420	6.7	4.0	70.0	4.0	6.7	8.0	6.0	4.7	5.3	5.7	5.7	5.3	5.7	5.7	5.4
FUSION	8.0	4.3	86.7	5.7	8.0	7.0	6.3	4.3	5.3	5.7	6.0	5.0	6.0	5.7	5.4
HALO (KN42)	7.7	4.3	78.3	6.0	8.3	8.0	6.0	5.7	5.3	6.0	5.0	5.3	5.0	5.7	5.4
NEXUS XR (SNR)	7.7	4.7	86.7	5.0	7.3	7.7	5.3	4.7	5.7	5.7	5.3	5.3	5.7	5.7	5.4
PARAGON GLR	6.7	4.0	75.0	5.3	5.7	6.0	7.7	4.7	6.0	5.0	5.0	5.3	6.3	5.7	5.4
ASP6006 (LPFG)	7.3	4.3	78.3	5.3	8.0	7.3	5.3	5.3	5.3	5.7	5.0	4.7	5.3	5.7	5.3
L44	7.7	4.0	83.3	5.0	7.7	7.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
LA QUINTA (JR-255)	7.0	4.0	76.7	5.3	7.7	7.3	7.0	5.0	5.0	5.7	5.3	5.3	5.3	5.7	5.3
QUICKSILVER	7.7	3.3	90.0	5.3	7.3	6.3	5.7	4.7	5.0	5.3	5.7	5.3	6.0	5.3	5.3
BREA (04-BRE)	7.3	3.3	78.3	5.7	6.7	7.3	5.7	5.3	5.3	5.3	5.0	4.3	5.7	5.3	5.2
PIZZAZZ	6.0	4.3	73.3	5.3	8.3	7.7	6.0	4.7	5.3	5.7	5.0	5.3	5.3	5.3	5.2
SUNSHINE 2	7.0	2.7	83.3	4.3	6.7	7.3	6.0	4.0	5.0	6.0	5.3	5.0	6.0	5.0	5.2
ASP6004 (EXS54)	7.3	4.3	83.3	5.7	8.3	8.0	6.0	4.7	5.3	5.3	5.0	5.0	5.3	5.3	5.1
ES45	7.3	4.0	78.3	5.0	7.3	7.3	5.3	5.0	5.0	5.3	5.0	5.0	5.3	5.3	5.1
LPR 02203	4.3	3.7	66.7	4.7	7.3	5.7	6.7	5.3	4.7	5.0	5.0	5.0	5.3	5.3	5.1
MACH I	7.0	4.7	76.7	6.3	7.0	6.3	5.7	5.0	5.3	5.3	5.0	4.7	5.3	5.3	5.1
PANTHER	5.3	3.3	65.0	5.3	7.0	6.7	5.0	5.3	5.0	5.0	5.0	5.0	5.7	5.0	5.1
ASP6002 (BPR)	7.3	3.7	73.3	4.3	7.3	8.0	5.3	5.0	4.7	5.3	4.3	4.7	5.0	5.3	4.9
GALATTI (DP 17-9502)	6.0	4.0	71.7	5.3	6.0	7.7	5.7	5.0	5.0	5.0	5.0	4.3	5.0	5.0	4.9
PINNACLE	4.0	4.0	70.0	5.0	8.0	6.3	4.7	5.7	3.7	4.3	4.7	5.3	5.7	5.0	4.9
PM 102	7.7	4.3	73.3	6.0	7.3	6.7	5.0	5.0	5.0	5.0	4.3	4.3	5.0	5.0	4.8
PICK 02-R	7.7	4.0	58.3	5.0	8.0	7.7	4.3	4.3	4.0	4.7	4.7	3.7	4.7	4.7	4.4
LINN	3.0	3.0	20.0	2.7	6.0	5.7	3.3	3.7	2.0	3.3	3.3	2.7	2.7	3.3	3.0
LSD VALUE	0.9	1.5	14.4	1.6	3.9	1.1	2.1	1.4	1.0	1.1	1.2	1.2	1.3	1.1	0.6
C.V. (%)	8.6	15.9	10.2	15.1	17.8	10.1	15.9	12.5	9.9	10.2	11.7	11.2	11.6	10.0	6.8

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 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS							MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT	
DERBY XTREME (IS-PR 268)	7.0	7.7	7.3	7.0	7.0	7.0	7.0	7.1
UNO (D04-11T)	7.0	7.0	7.0	7.0	6.7	7.0	7.0	7.0
HOMERUN (RG3P)	7.0	8.0	7.3	6.7	6.7	6.7	6.7	7.0
PHENOM (APR 1660)	7.0	7.3	7.0	7.0	7.0	7.0	6.3	7.0
APPLE GL (AAZ-B104)	6.7	7.0	7.0	7.0	7.0	7.0	6.7	6.9
KEYSTONE 2 (IS-PR 312)	6.3	7.3	7.0	6.7	6.7	7.0	7.0	6.9
DASHER 3 (PICK RB-1)	7.0	7.0	7.0	6.7	6.7	6.7	6.7	6.8
PARAGON GLR	6.7	7.3	7.0	6.7	6.3	6.7	6.7	6.8
ACCENT II (JR-119)	7.0	7.0	7.0	7.0	7.0	6.3	5.7	6.7
DP 17-9499	6.7	7.0	7.0	7.0	7.0	6.3	6.0	6.7
AMAZING GS (IS-PR 276)	6.7	7.0	6.3	6.7	6.0	6.7	6.7	6.6
APR 1670	6.3	7.0	6.7	6.7	6.7	6.7	6.0	6.6
DP1	6.7	7.0	6.3	6.7	6.7	6.3	6.3	6.6
FIESTA 4 (PICK F4)	6.3	7.3	7.0	6.3	6.3	6.3	6.7	6.6
GL-2	6.3	6.3	6.3	6.7	7.0	6.7	6.7	6.6
PROTEGE GLR	6.3	7.3	6.7	6.3	6.3	6.3	6.0	6.5
RNS	6.3	6.3	6.7	6.7	7.0	6.7	6.0	6.5
SILVER DOLLAR	6.3	6.7	6.7	6.7	7.0	6.3	5.7	6.5
BUENA VISTA	6.0	7.0	6.7	6.3	6.3	6.3	6.3	6.4
DART (APR 1663)	6.0	6.3	6.3	6.7	7.0	6.3	6.3	6.4
FUSION	6.0	6.7	6.7	6.7	6.3	6.3	6.3	6.4
GRAND SLAM 2 (PST-2GSM)	6.0	6.7	6.7	6.3	6.3	6.3	6.7	6.4
PRESIDIO (CNV)	6.3	7.0	6.7	6.0	6.0	6.3	6.3	6.4
PRIMARY (IS-PR 269)	5.7	6.3	6.3	6.7	6.3	6.7	6.7	6.4
REGAL 5 (IS-PR 271)	6.3	7.0	6.7	6.7	6.7	6.0	5.7	6.4
REVENGE GLX (JR-348)	6.3	7.0	6.7	6.3	6.3	6.3	6.0	6.4
AF	6.0	6.7	6.3	6.3	6.3	6.3	6.0	6.3
DCM	6.0	7.0	7.0	6.0	6.0	6.0	6.0	6.3
LINE DRIVE GLS (APR 1797)	6.0	6.3	6.7	6.7	6.7	6.3	5.7	6.3
PALACE (IS-PR 273)	6.3	7.0	6.3	6.3	6.0	6.0	6.0	6.3
PST-2AG4	6.3	6.7	6.3	6.0	6.3	6.3	6.0	6.3
ZOOM (LCK)	6.0	6.3	6.3	6.3	6.3	6.3	6.7	6.3
ASP6004 (EXS54)	6.0	6.7	6.3	6.3	6.0	6.3	5.7	6.2
CALYPSO 3 (MS2)	6.0	7.0	6.3	6.3	6.0	6.0	5.7	6.2
TRANSFORMER (D04-1667)	6.0	6.3	6.7	6.3	6.0	6.0	6.0	6.2
EXACTA II GLSR (LTP-611-GLSR)	5.7	6.3	6.3	6.0	6.3	6.3	6.3	6.2
PALMER IV	6.3	6.7	6.3	6.3	6.3	6.0	5.3	6.2
REPELL GLS	5.7	6.7	6.7	6.0	6.0	6.0	6.7	6.2
CABO II (IS-PR 233)	5.7	6.3	6.3	6.0	6.3	6.0	6.0	6.1
CITATION FORE	5.7	6.3	6.3	6.0	6.0	6.3	6.3	6.1
HARRIER (SRX 4UP3)	6.0	6.3	6.3	6.3	6.3	6.0	5.7	6.1
PALMER III	6.0	6.0	6.0	6.3	6.3	6.0	6.0	6.1
PIANIST (DP 17-9505)	5.7	6.3	6.3	6.3	6.0	6.0	6.0	6.1
GRAY FOX (PST-2MNG)	6.0	6.3	6.3	6.3	6.3	5.7	5.7	6.1
HAWKEYE 2 (SRX 4692)	5.7	6.7	6.7	6.0	6.0	6.0	5.7	6.1
1G SQUARED (APR 1664)	5.7	6.7	6.3	6.0	6.0	6.0	5.3	6.0
ALLSTAR 3 (IS-PR 274)	6.3	6.7	6.3	5.7	5.7	6.0	5.7	6.0

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS								MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT		
ASP6006 (LPGF)	6.0	6.3	6.0	6.0	6.0	5.7	5.7	6.0	
DEFENDER (D04-UP)	5.7	6.3	6.0	6.0	5.7	6.0	6.0	6.0	
DELAWARE XL (PICK 01-2)	6.0	6.7	6.7	5.7	5.7	5.7	5.7	6.0	
DP 17-9788	5.3	5.7	6.0	6.3	6.0	6.3	6.7	6.0	
ES45	5.7	6.7	6.0	6.0	6.0	6.0	5.7	6.0	
FIJI (GPR)	6.0	6.7	6.3	5.3	5.3	6.0	6.0	6.0	
INSPIRE	5.7	6.0	6.0	6.3	6.3	6.0	5.3	6.0	
KOKOMO II (IS-PR 235)	6.0	6.7	6.0	5.7	5.7	5.7	6.0	6.0	
MMW	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
NEXUS XR (SNR)	5.7	6.7	6.0	6.0	5.0	6.0	6.7	6.0	
PIZZAZZ	5.3	6.0	6.3	6.0	6.0	6.0	6.3	6.0	
STELLAR GL (IS-PR 236)	6.0	6.7	6.3	5.7	5.7	6.0	5.7	6.0	
ASP6002 (BPR)	5.7	6.0	6.3	5.7	5.7	5.7	6.3	5.9	
ASP6003 (TRS)	5.7	6.0	6.0	5.3	5.7	6.0	6.3	5.9	
MANHATTAN 5 GLR (PST-2AM)	5.7	6.3	6.0	6.0	6.0	5.7	5.3	5.9	
PANTHER GLS	5.3	6.0	6.0	6.0	6.0	6.0	6.0	5.9	
PENTIUM	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.9	
PLEASURE SUPREME (PM 103)	5.7	6.3	5.7	6.0	6.0	6.0	5.3	5.9	
PST-2BLK	6.0	6.7	6.3	5.3	5.0	5.7	6.0	5.9	
PST-2LAN	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.9	
SR 4600 (SRX 4SP)	5.7	6.0	6.0	5.7	6.0	6.0	6.0	5.9	
TR47	5.7	6.7	6.3	6.0	5.7	5.7	5.0	5.9	
BAR LP 4317	5.7	5.7	5.7	6.0	6.3	5.7	5.3	5.8	
BRIGHTSTAR SLT	5.7	6.0	5.7	5.7	5.7	5.7	6.0	5.8	
D04-LP05	5.7	6.0	6.0	5.7	6.0	5.7	5.3	5.8	
E-99	5.3	6.0	6.0	5.7	6.0	6.0	5.3	5.8	
EDGE II (AC2)	5.3	5.7	6.0	5.7	6.3	5.7	6.0	5.8	
HEADSTART 2	5.7	6.0	6.0	6.0	6.0	5.7	5.0	5.8	
LA QUINTA (JR-255)	5.7	6.3	6.3	5.7	5.3	5.7	5.7	5.8	
OVERDRIVE	5.7	6.0	6.0	5.7	5.7	5.7	5.7	5.8	
SRX 4682	5.7	5.7	6.0	5.7	6.0	6.0	5.7	5.8	
RINGER II (04-BEN)	5.3	6.0	6.0	5.7	6.0	5.7	5.0	5.7	
ATTRIBUTE (IS-PR 270)	5.7	6.3	6.0	5.7	5.3	5.3	5.7	5.7	
PINNACLE II	5.3	6.0	6.0	5.3	5.7	5.7	6.0	5.7	
PST-217	5.7	6.3	6.0	5.7	5.3	5.3	5.3	5.7	
MAJESTY II (VB77)	5.7	6.3	5.7	5.7	5.3	5.7	5.7	5.7	
HALO (KN42)	5.7	6.0	5.7	5.3	5.0	5.7	6.0	5.6	
RAD-PR8	5.7	6.3	5.7	5.7	5.3	5.3	5.3	5.6	
TOP GUN II (JR-324)	5.0	5.7	6.0	5.3	5.7	5.7	6.0	5.6	
WIND DANCE 2 (PWDR)	5.7	6.0	5.3	5.3	5.3	5.7	5.7	5.6	
BARLENNIUM	5.0	6.0	5.7	5.7	5.7	5.7	5.0	5.5	
CADDIESHACK II (JR-163)	5.0	5.3	5.7	5.7	5.3	5.7	6.0	5.5	
GALATTI (DP 17-9502)	5.3	5.7	5.7	5.3	5.3	5.7	5.7	5.5	
NEXUS XD (SP4)	5.3	6.3	6.0	5.3	5.0	5.3	5.3	5.5	
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	6.0	5.7	5.7	5.3	5.3	5.3	5.5	
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	6.0	5.3	5.7	5.7	5.3	5.0	5.4	
CUTTER II (PM 101)	5.3	5.7	5.3	5.3	5.3	5.3	5.3	5.4	

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
 2007 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS							
	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
GRAY STAR (PST-2LGL)	5.3	6.3	5.7	5.3	5.3	5.0	4.7	5.4
L44	5.0	6.3	5.7	5.0	5.0	5.7	5.3	5.4
MONTEREY 3 (JR-408)	5.3	6.3	5.3	5.3	5.0	5.3	5.0	5.4
PM 102	5.7	6.3	5.7	5.3	4.7	5.0	5.3	5.4
VB99	5.3	6.3	5.3	5.3	4.7	5.0	5.0	5.3
BAR LP 4420	5.3	6.3	5.7	5.0	4.7	5.0	4.7	5.2
QUICKSILVER	5.3	6.3	5.3	5.3	4.3	5.0	5.0	5.2
AFFINITY	4.7	5.0	5.0	5.3	5.7	5.3	4.7	5.1
APR 1648	4.7	4.7	5.0	5.0	5.3	5.3	5.7	5.1
PS-2	4.7	5.7	5.7	5.0	5.0	5.0	4.7	5.1
BREA (04-BRE)	5.0	6.0	5.0	5.0	4.7	4.7	4.7	5.0
ASP6001 (RTS)	5.0	6.0	5.3	5.0	4.7	5.0	4.3	5.0
PREMIER II	4.7	4.7	5.0	5.0	5.0	5.0	5.7	5.0
ASP6005 (AJM)	4.7	5.7	5.3	4.7	4.3	4.7	5.0	4.9
FIREBOLT (PRG HS-01-09)	4.7	5.7	5.3	4.7	4.3	4.7	4.7	4.9
PANTHER	4.7	5.3	4.7	5.0	4.7	4.7	4.3	4.8
PREMIER	4.3	4.7	4.7	5.0	5.7	5.0	4.3	4.8
GOALKEEPER II (JR-114)	4.3	4.7	4.7	4.0	4.3	4.7	5.0	4.5
MACH I	4.3	4.7	4.3	4.7	4.3	4.3	5.0	4.5
SUNSHINE 2	4.0	4.0	4.3	4.3	4.7	4.7	5.0	4.4
PICK 02-R	4.3	5.0	4.7	4.0	3.7	4.0	4.0	4.2
BAR LP 4920	4.0	4.3	4.0	4.0	3.7	4.0	4.3	4.0
LPR 02203	4.0	4.3	4.0	4.3	4.0	3.7	3.7	4.0
PINNACLE	3.7	3.7	4.0	3.7	4.3	3.7	3.7	3.8
LINN	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
LSD VALUE	1.3	1.2	1.2	1.5	1.5	1.3	1.7	1.1
C.V. (%)	13.5	11.9	12.0	14.1	14.8	12.9	15.9	11.5

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 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER FALL	QUALITY RATINGS							MEAN
								APR	MAY	JUN	SEP	OCT	NOV		
RNS	6.0	5.3	7.3	6.7	7.3	88.3	97.7	6.3	7.0	7.7	5.7	7.3	7.0	6.8	
UNO (D04-11T)	6.7	6.0	6.7	5.3	6.7	93.3	92.3	6.7	6.7	7.0	6.0	6.7	7.3	6.7	
PIZZAZZ	5.3	5.3	8.3	6.3	7.3	97.0	97.3	7.0	6.0	7.0	7.0	6.7	6.7	6.7	
DERBY XTREME (IS-PR 268)	5.7	4.7	7.7	6.0	7.0	92.3	95.3	4.7	7.0	7.7	6.3	7.0	6.7	6.6	
HOMERUN (RG3P)	5.7	6.0	8.0	5.7	7.0	94.0	98.0	6.7	5.7	7.0	6.3	7.3	6.7	6.6	
KOKOMO II (IS-PR 235)	6.3	6.0	7.7	7.0	6.3	94.0	96.7	7.0	7.0	5.7	6.7	6.7	6.3	6.6	
PRIMARY (IS-PR 269)	5.3	6.0	7.7	6.3	6.7	93.3	95.3	5.3	6.3	7.0	7.0	7.0	6.3	6.5	
SR 4600 (SRX 4SP)	5.3	4.7	7.7	5.7	7.3	95.7	97.7	4.7	5.3	8.0	7.3	7.0	6.7	6.5	
STELLAR GL (IS-PR 236)	6.3	6.0	8.0	6.0	7.3	94.7	97.0	6.3	6.3	6.0	6.3	6.7	7.3	6.5	
APPLE GL (AAZ-B104)	5.0	6.0	7.3	6.3	6.7	94.0	96.0	7.0	6.3	4.7	5.7	7.3	7.3	6.4	
ASP6005 (AJM)	6.3	4.7	7.0	6.0	6.0	90.0	96.3	6.7	7.0	6.3	5.7	7.0	5.7	6.4	
DEFENDER (D04-UP)	4.7	6.0	7.7	6.3	7.7	95.7	97.0	6.3	6.3	6.3	7.0	6.7	6.0	6.4	
DASHER 3 (PICK RB-1)	5.7	6.0	7.7	6.7	5.7	96.3	95.7	6.7	6.7	5.7	4.7	7.0	7.7	6.4	
DP1	6.0	4.0	7.7	4.7	7.0	90.0	97.7	4.7	6.0	6.0	7.7	7.0	7.0	6.4	
PROTEGE GLR	6.0	5.3	7.7	6.3	7.0	90.7	92.0	4.7	6.3	6.0	7.0	7.0	7.3	6.4	
REGAL 5 (IS-PR 271)	6.3	5.3	8.0	6.0	7.0	91.7	97.3	6.3	5.3	6.7	6.7	6.7	6.7	6.4	
REVENGE GLX (JR-348)	6.0	6.0	7.7	4.7	7.0	93.3	98.0	6.3	5.7	5.7	6.7	7.0	7.3	6.4	
ALLSTAR 3 (IS-PR 274)	6.0	5.3	8.0	6.0	7.0	89.0	97.3	5.3	6.3	6.7	5.7	6.7	7.0	6.3	
CUTTER II (PM 101)	7.0	6.0	7.7	5.7	6.3	93.0	97.3	6.7	7.3	6.3	6.0	6.7	4.7	6.3	
PALMER IV	6.0	5.3	7.7	6.0	7.0	82.3	97.3	5.3	6.7	6.0	6.3	7.0	6.7	6.3	
PARAGON GLR	4.7	4.7	8.3	5.7	6.7	95.0	97.3	6.3	5.3	6.3	6.7	7.0	6.3	6.3	
ZOOM (LCK)	6.0	4.7	8.0	5.7	7.0	92.3	97.7	5.3	5.7	6.3	7.0	6.3	7.3	6.3	
AF	4.7	6.0	8.0	6.3	5.7	93.0	97.0	6.3	5.3	5.7	6.0	7.0	7.0	6.2	
DART (APR 1663)	5.3	4.7	8.0	6.7	6.7	94.0	94.3	6.7	6.7	7.0	6.3	5.7	4.7	6.2	
DCM	5.3	5.3	7.7	6.3	7.0	91.7	97.0	5.7	5.3	7.3	6.7	6.7	5.7	6.2	
EXACTA II GLSR (LTP-611-GLSR)	5.7	4.3	8.0	5.3	6.3	93.3	95.0	5.3	6.3	6.3	6.7	6.3	6.3	6.2	
GL-2	4.7	5.3	7.7	6.3	7.0	91.7	97.0	6.3	4.7	6.0	7.3	6.7	6.3	6.2	
HARRIER (SRX 4UP3)	5.3	4.3	7.7	5.3	6.7	94.0	96.7	5.7	5.7	7.0	6.3	6.3	6.3	6.2	
VB99	6.7	5.3	7.7	5.7	5.7	85.0	97.0	6.0	5.0	7.7	6.0	6.3	6.0	6.2	
AMAZING GS (IS-PR 276)	5.3	5.3	7.7	6.3	6.7	94.0	84.3	6.0	6.3	6.7	6.3	5.3	6.0	6.1	
ASP6003 (TRS)	7.0	6.0	7.7	6.7	5.3	92.3	95.3	5.3	6.0	5.7	6.0	7.0	6.7	6.1	
BAR LP 4420	5.7	5.3	7.3	6.7	6.3	94.0	97.0	6.7	5.7	6.0	6.7	6.7	5.0	6.1	
KEYSTONE 2 (IS-PR 312)	5.3	4.7	7.3	6.7	6.7	92.3	85.3	6.0	5.7	6.7	5.0	6.7	6.7	6.1	
MACH I	5.3	5.3	8.0	6.3	6.3	93.3	97.0	4.7	6.7	6.0	6.7	6.3	6.0	6.1	
PALACE (IS-PR 273)	6.0	5.3	7.7	4.7	6.0	94.0	95.0	4.7	6.3	6.7	6.3	6.3	6.3	6.1	
PRESIDIO (CNV)	6.7	6.0	7.7	5.7	6.3	95.7	97.7	6.7	6.7	5.3	6.7	6.0	5.3	6.1	
CALYPSO 3 (MS2)	6.3	5.3	7.0	6.0	6.0	90.7	95.0	6.0	6.0	6.0	7.0	5.7	5.3	6.0	
1G SQUARED (APR 1664)	5.3	5.3	8.0	6.7	6.7	93.3	97.7	6.0	6.3	4.7	6.7	6.3	5.7	5.9	
BUENA VISTA	4.7	4.7	7.7	6.3	6.3	95.7	97.7	5.7	5.0	5.7	6.7	6.3	6.3	5.9	
HEADSTART 2	6.0	4.0	7.3	5.7	6.0	88.3	91.7	6.3	6.0	6.3	5.0	7.0	5.0	5.9	
OVERDRIVE	5.3	4.0	8.0	5.3	6.7	95.7	97.0	6.0	5.3	6.7	6.7	5.3	5.7	5.9	
PICK 02-R	7.0	6.0	7.3	6.3	6.3	89.0	87.3	4.3	7.3	6.7	5.7	6.0	5.7	5.9	
PST-2LAN	4.0	5.3	7.3	5.7	5.3	94.0	97.0	6.3	6.3	5.7	7.0	4.0	6.0	5.9	
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	3.7	7.3	6.0	6.0	95.0	92.7	6.7	6.3	6.3	6.0	5.3	4.7	5.9	
APR 1648	6.7	4.0	7.3	5.3	5.7	91.7	81.7	6.3	6.3	6.3	5.7	6.0	4.3	5.8	
ASP6002 (BPR)	7.0	5.3	8.3	6.0	4.7	91.7	94.0	5.7	5.7	5.7	5.0	7.3	5.3	5.8	
ASP6004 (EXS54)	6.3	5.3	7.7	5.3	6.7	88.3	97.7	4.3	5.7	6.3	6.7	6.3	5.7	5.8	

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER FALL	QUALITY RATINGS						MEAN
								APR	MAY	JUN	SEP	OCT	NOV	
ASP6006 (LPGF)	6.3	6.0	7.3	5.3	6.3	92.3	96.3	6.3	6.0	5.7	6.3	5.3	5.3	5.8
ATTRIBUTE (IS-PR 270)	5.7	5.3	8.0	6.3	7.0	91.7	98.0	5.3	5.3	6.7	5.7	6.0	5.7	5.8
CABO II (IS-PR 233)	5.7	6.0	8.0	6.3	6.3	93.3	97.7	6.0	7.0	5.3	5.7	5.0	6.0	5.8
TRANSFORMER (D04-1667)	4.7	3.7	7.7	6.3	6.3	94.0	97.0	6.3	4.7	6.0	6.7	6.3	4.7	5.8
EDGE II (AC2)	6.0	5.3	7.3	6.0	4.7	94.0	96.3	6.3	6.7	5.3	6.0	5.7	4.7	5.8
FIESTA 4 (PICK F4)	6.3	6.0	7.7	5.3	6.7	91.7	96.7	4.7	5.7	5.7	5.3	7.3	6.3	5.8
GALATTI (DP 17-9502)	6.0	4.7	7.7	5.0	6.3	86.7	92.7	5.3	4.7	6.7	6.7	6.3	5.3	5.8
MMW	5.3	5.3	7.7	5.3	6.3	92.3	97.0	4.0	5.7	6.3	6.7	6.0	6.0	5.8
MAJESTY II (VB77)	6.7	6.0	7.7	5.3	6.7	91.7	97.7	4.0	6.0	6.0	6.7	6.3	6.0	5.8
DELAWARE XL (PICK 01-2)	6.7	6.0	8.0	5.7	6.3	92.3	95.0	4.7	5.7	5.3	6.3	6.3	5.7	5.7
FUSION	5.7	5.3	8.0	6.0	6.7	95.7	74.7	6.0	5.0	6.3	5.7	5.0	6.3	5.7
FIJI (GPR)	6.7	4.7	8.0	7.0	5.0	93.3	97.3	5.7	6.7	4.7	5.7	5.3	6.0	5.7
GRAND SLAM 2 (PST-2GSM)	5.3	4.7	7.7	5.3	4.7	93.3	97.0	6.3	6.0	6.7	5.7	4.3	5.0	5.7
PINNACLE II	5.3	5.3	7.7	6.0	6.3	88.3	96.3	5.3	5.0	5.7	6.7	6.3	5.3	5.7
SILVER DOLLAR	5.3	4.0	7.0	6.0	7.0	92.3	86.0	5.3	6.3	6.7	4.7	6.7	4.7	5.7
WIND DANCE 2 (PWDR)	7.0	6.0	7.7	6.3	7.0	91.7	95.0	4.7	5.7	6.0	6.7	4.7	6.3	5.7
PHENOM (APR 1660)	4.7	4.0	7.7	4.7	6.3	92.3	97.7	5.7	6.3	5.0	6.3	5.3	5.0	5.6
RAD-PR8	6.0	5.3	7.7	6.3	7.0	93.3	97.3	5.7	5.7	5.7	6.3	5.0	5.0	5.6
BRIGHTSTAR SLT	4.7	4.7	7.3	5.7	6.3	94.7	95.3	6.3	6.0	6.3	6.0	5.0	3.3	5.5
NEXUS XR (SNR)	7.0	5.3	8.0	5.7	5.7	95.0	87.7	4.0	6.7	5.0	6.7	5.7	5.0	5.5
PANTHER GLS	5.3	5.3	7.0	6.3	6.7	95.7	96.0	5.7	6.3	5.7	6.0	5.0	4.3	5.5
PLEASURE SUPREME (PM 103)	6.0	6.0	8.0	5.3	5.7	93.3	96.3	4.7	6.0	5.0	5.7	6.7	5.0	5.5
PM 102	7.0	5.3	7.7	4.7	6.3	91.7	73.3	5.7	5.0	5.0	5.3	6.3	5.7	5.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	3.7	3.7	7.3	6.7	6.7	95.7	80.7	5.3	4.7	4.7	6.3	5.7	6.0	5.4
GRAY FOX (PST-2MNG)	4.7	4.7	7.0	4.7	5.7	95.7	71.3	5.7	5.3	6.7	4.7	4.7	5.7	5.4
TOP GUN II (JR-324)	6.0	6.0	7.0	6.0	6.7	95.7	97.3	6.0	5.3	5.0	5.3	5.7	5.3	5.4
BREA (04-BRE)	4.0	4.0	7.3	4.7	4.7	95.0	96.0	4.3	3.7	6.0	5.7	6.7	5.3	5.3
E-99	5.3	4.7	7.3	5.7	5.3	94.0	96.0	5.3	5.3	6.0	5.7	4.7	5.0	5.3
ES45	6.3	6.0	7.7	6.0	5.7	92.3	74.0	4.7	6.0	5.7	4.3	6.3	4.7	5.3
LINE DRIVE GLS (APR 1797)	5.7	5.3	7.7	4.7	5.3	96.3	97.0	6.7	5.3	4.7	6.0	5.7	3.7	5.3
MANHATTAN 5 GLR (PST-2AM)	5.0	4.7	7.3	6.7	5.0	96.3	94.3	6.0	5.0	5.0	5.3	6.0	4.3	5.3
PIANIST (DP 17-9505)	6.0	4.7	7.3	5.0	6.3	85.0	82.0	3.7	6.3	7.3	5.3	5.3	3.7	5.3
PS-2	5.7	3.7	7.0	5.0	6.0	90.7	97.0	5.0	4.7	5.3	6.3	5.7	4.7	5.3
SUNSHINE 2	7.0	6.0	7.7	4.7	5.7	88.3	95.0	3.7	5.0	5.7	5.7	6.3	5.3	5.3
RINGER II (04-BEN)	4.0	4.3	7.7	6.0	6.7	96.3	98.0	5.3	5.3	6.0	4.7	5.3	4.7	5.2
GOALKEEPER II (JR-114)	5.3	4.0	7.0	5.3	5.7	88.3	95.0	5.3	5.7	5.7	5.7	5.3	3.7	5.2
L44	7.0	5.3	8.0	4.7	6.0	90.7	96.3	4.0	4.7	6.7	6.7	5.7	3.7	5.2
ACCENT II (JR-119)	5.3	5.3	7.0	4.7	6.7	95.0	98.0	5.0	5.7	6.7	5.0	4.3	3.7	5.1
CADDIESHACK II (JR-163)	5.3	5.3	7.7	6.0	5.3	89.0	96.3	5.3	5.7	5.7	5.0	5.3	3.3	5.1
DP 17-9499	6.7	4.7	7.7	4.3	5.7	92.3	88.3	4.7	5.0	7.0	4.7	5.0	4.3	5.1
FIREBOLT (PRG HS-01-09)	6.7	6.0	7.0	4.7	4.0	60.0	78.3	4.0	4.7	5.0	6.7	5.3	4.7	5.1
GRAY STAR (PST-2LGL)	6.3	5.3	7.3	6.0	6.7	90.7	95.7	4.7	5.3	4.7	5.3	6.3	4.3	5.1
MONTEREY 3 (JR-408)	6.7	5.3	7.7	5.7	6.7	91.7	95.7	5.7	6.3	5.3	5.7	4.0	3.7	5.1
PALMER III	4.7	4.7	7.3	6.0	6.0	97.0	96.7	5.3	4.7	6.3	4.7	6.0	3.3	5.1
PST-217	4.0	4.7	7.3	6.0	6.0	91.7	97.3	5.3	5.3	5.0	4.7	5.7	4.7	5.1
PST-2AG4	6.0	5.3	7.7	4.0	6.0	93.0	97.7	4.0	4.7	4.0	6.3	6.0	5.3	5.1
TR47	6.3	6.0	8.0	6.0	6.0	88.3	85.0	4.7	6.7	5.0	4.7	4.7	4.7	5.1

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER FALL	QUALITY RATINGS					MEAN	
								APR	MAY	JUN	SEP	OCT		NOV
APR 1670	4.7	4.7	7.0	5.3	6.0	96.3	96.7	6.3	4.7	6.0	5.7	4.0	3.3	5.0
NEXUS XD (SP4)	7.0	6.0	7.0	5.3	4.7	88.3	90.0	4.3	6.3	5.0	4.7	5.3	4.3	5.0
REPELL GLS	5.3	5.3	7.3	5.7	6.3	92.3	89.3	4.7	5.7	6.3	5.0	4.7	3.7	5.0
ASP6001 (RTS)	6.7	5.3	7.0	6.3	5.7	90.0	95.7	4.7	5.3	5.7	5.7	4.0	4.3	4.9
D04-LP05	5.3	4.7	8.0	4.3	6.7	94.0	97.0	4.3	5.7	5.3	5.7	4.3	4.0	4.9
INSPIRE	5.0	4.7	7.0	4.3	5.3	94.0	97.3	5.3	4.0	5.3	5.7	5.3	3.7	4.9
BARLENNIUM	3.0	3.7	6.7	6.0	5.7	96.3	97.0	6.0	5.3	3.7	5.7	5.0	3.3	4.8
LA QUINTA (JR-255)	5.7	5.3	7.0	4.0	4.7	86.7	95.7	5.3	5.3	4.7	5.0	4.0	4.7	4.8
PANTHER	4.3	3.3	7.0	4.7	5.7	89.0	95.3	6.3	4.3	4.7	5.7	3.7	4.0	4.8
PREMIER II	4.0	3.7	6.7	5.7	6.7	90.0	82.0	5.7	4.0	4.7	5.3	5.3	3.7	4.8
BAR LP 4920	5.3	4.7	7.0	4.7	5.7	90.0	75.0	5.0	4.7	6.3	3.7	4.0	4.7	4.7
CITATION FORE	4.7	3.7	7.3	5.3	5.7	95.7	96.7	5.3	4.7	4.0	5.0	4.7	4.3	4.7
HALO (KN42)	6.7	5.3	7.7	5.7	6.0	94.0	71.7	3.3	5.3	4.7	5.7	4.7	4.7	4.7
PST-2BLK	6.0	4.7	6.7	5.3	5.0	89.0	95.7	4.7	5.7	4.7	5.3	4.3	3.3	4.7
QUICKSILVER	6.0	5.3	7.3	4.0	5.3	88.3	75.0	3.0	5.0	6.7	4.3	4.7	3.7	4.6
HAWKEYE 2 (SRX 4692)	5.3	5.3	7.0	4.7	5.3	89.0	96.7	5.0	4.7	4.7	4.7	4.3	4.3	4.6
BAR LP 4317	3.3	3.3	7.0	5.3	5.3	93.3	97.7	4.7	3.7	4.3	5.7	4.7	4.0	4.5
PENTIUM	3.7	4.0	7.0	3.7	5.7	90.0	75.3	4.0	3.7	5.7	5.3	4.7	3.7	4.5
DP 17-9788	3.7	3.7	7.3	4.0	5.7	91.7	82.0	4.0	4.7	4.0	5.7	4.0	4.0	4.4
AFFINITY	3.3	3.0	6.7	3.0	4.3	85.0	98.0	6.3	3.3	4.7	3.3	3.3	3.0	4.0
LPR 02203	3.3	3.3	6.3	3.3	4.3	86.7	76.7	3.7	3.7	4.3	3.7	4.0	4.3	3.9
PREMIER	2.7	3.7	6.3	3.7	3.0	86.7	96.3	5.0	3.0	4.3	4.3	3.0	3.0	3.8
SRX 4682	3.7	3.7	6.7	4.0	3.3	90.0	95.7	4.0	3.3	4.7	3.7	4.0	3.0	3.8
PINNACLE	3.0	3.0	7.0	3.0	3.0	90.0	97.3	4.7	3.0	3.3	3.0	3.0	3.0	3.3
LINN	2.0	3.0	4.0	2.0	2.0	83.3	91.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0
LSD VALUE	1.5	1.7	1.1	2.4	1.8	24.4	54.5	2.1	2.2	3.4	2.4	1.8	2.0	0.8
C.V. (%)	17.1	18.2	8.0	20.7	16.9	7.4	12.9	20.3	20.7	23.8	20.3	18.9	22.7	9.8

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 9. PERCENT LIVING GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING (TRAFFIC STUDY), MI 1/  
 2007 DATA  
 PERCENT LIVING GROUND COVER IN SEASONS: LOCATIONS 2/

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL
APPLE GL (AAZ-B104)	60.0	63.3
BAR LP 4317	71.7	56.7
EXACTA II GLSR (LTP-611-GLSR)	68.3	53.3
SILVER DOLLAR	61.7	53.3
RINGER II (04-BEN)	71.7	50.0
AF	61.7	50.0
BAR LP 4420	71.7	50.0
MAJESTY II (VB77)	68.3	50.0
DART (APR 1663)	70.0	46.7
FIJI (GPR)	61.7	46.7
MMW	71.7	46.7
ASP6002 (BPR)	60.0	43.3
DASHER 3 (PICK RB-1)	70.0	43.3
PALMER IV	66.7	43.3
GRAY FOX (PST-2MNG)	63.3	43.3
APR 1648	63.3	40.0
APR 1670	68.3	40.0
CADDIESHACK II (JR-163)	60.0	40.0
DCM	60.0	40.0
DP 17-9499	66.7	40.0
HOMERUN (RG3P)	66.7	40.0
INSPIRE	56.7	40.0
KEYSTONE 2 (IS-PR 312)	70.0	40.0
PALACE (IS-PR 273)	65.0	40.0
PALMER III	65.0	40.0
PM 102	58.3	40.0
RAD-PR8	58.3	40.0
ASP6004 (EXS54)	63.3	36.7
ASP6006 (LPFG)	61.7	36.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	65.0	36.7
DP 17-9788	63.3	36.7
PS-2	61.7	36.7
ACCENT II (JR-119)	65.0	33.3
ALLSTAR 3 (IS-PR 274)	71.7	33.3
ASP6005 (AJM)	65.0	33.3
FIESTA 4 (PICK F4)	53.3	33.3
GL-2	65.0	33.3
PARAGON GLR	65.0	33.3
PRESIDIO (CNV)	62.0	33.3
PST-217	63.3	33.3
SECRETARIAT II GLSR (LTP-101-GLSR)	61.7	33.3
SRX 4682	61.7	33.3
TR47	68.7	33.3
CALYPSO 3 (MS2)	61.7	31.7
PREMIER II	63.7	31.7
1G SQUARED (APR 1664)	65.0	30.0
ASP6003 (TRS)	60.0	30.0

TABLE 9. PERCENT LIVING GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING (TRAFFIC STUDY), MI 1/  
 2007 DATA

PERCENT LIVING GROUND COVER IN SEASONS: LOCATIONS 2/

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL
ATTRIBUTE (IS-PR 270)	71.7	30.0
DEFENDER (D04-UP)	58.3	30.0
EDGE II (AC2)	58.3	30.0
MONTEREY 3 (JR-408)	63.3	30.0
PANTHER	60.0	30.0
PIANIST (DP 17-9505)	61.7	30.0
PROTEGE GLR	65.0	30.0
VB99	63.3	30.0
CUTTER II (PM 101)	56.7	28.3
NEXUS XD (SP4)	58.3	28.3
BAR LP 4920	65.0	26.7
BARLENNIUM	66.7	26.7
BRIGHTSTAR SLT	65.0	26.7
D04-LP05	63.3	26.7
DP1	53.3	26.7
ES45	63.3	26.7
NEXUS XR (SNR)	63.3	26.7
PENTIUM	55.0	26.7
PINNACLE	55.0	26.7
PLEASURE SUPREME (PM 103)	68.3	26.7
HAWKEYE 2 (SRX 4692)	56.7	26.7
ZOOM (LCK)	65.0	26.7
UNO (D04-11T)	53.3	25.0
HALO (KN42)	55.0	25.0
REPELL GLS	60.0	25.0
AMAZING GS (IS-PR 276)	55.0	24.3
DELAWARE XL (PICK 01-2)	65.0	23.7
LINN	48.3	23.7
TOP GUN II (JR-324)	51.7	23.7
CABO II (IS-PR 233)	61.7	23.3
CITATION FORE	60.0	23.3
E-99	58.3	23.3
GRAY STAR (PST-2LGL)	58.3	23.3
HEADSTART 2	50.0	23.3
OVERDRIVE	60.0	23.3
KOKOMO II (IS-PR 235)	50.0	22.7
MANHATTAN 5 GLR (PST-2AM)	61.7	21.7
PINNACLE II	53.3	21.7
PST-2LAN	58.3	21.7
FUSION	61.7	21.0
GRAND SLAM 2 (PST-2GSM)	61.7	21.0
PANTHER GLS	63.3	21.0
WIND DANCE 2 (PWDR)	55.0	21.0
ASP6001 (RTS)	61.7	20.3
L44	58.3	20.3
MACH I	60.3	20.3
PRIMARY (IS-PR 269)	56.7	20.3

TABLE 9. PERCENT LIVING GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING (TRAFFIC STUDY), MI 1/  
 2007 DATA  
 PERCENT LIVING GROUND COVER IN SEASONS: LOCATIONS 2/

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

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

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

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC		QUALITY RATINGS				OCT	MEAN	
	COLOR	PINK SNOW MOLD	MAY	JUN	JUL	AUG			SEP
EXACTA II GLSR (LTP-611-GLSR)	6.7	3.0	4.3	6.7	5.3	7.7	6.7	8.0	6.4
AMAZING GS (IS-PR 276)	7.3	4.0	5.3	6.3	4.7	6.3	6.3	6.7	5.9
APR 1648	7.3	3.7	4.0	7.0	4.3	6.7	6.3	6.3	5.8
HOMERUN (RG3P)	5.7	2.3	3.7	7.0	5.0	6.0	6.3	7.0	5.8
PIZZAZZ	6.0	4.3	5.3	6.7	5.3	5.3	5.3	7.0	5.8
PRESIDIO (CNV)	6.3	4.3	3.7	7.0	5.7	6.3	6.0	6.3	5.8
WIND DANCE 2 (PWDR)	7.7	5.3	5.7	6.7	5.7	6.0	5.7	5.3	5.8
CUTTER II (PM 101)	6.3	3.3	5.0	7.0	5.3	6.3	5.3	5.3	5.7
DASHER 3 (PICK RB-1)	6.3	2.7	4.3	5.3	5.0	5.7	6.7	7.0	5.7
DP1	6.3	3.0	4.3	6.3	4.7	6.7	5.3	7.0	5.7
ES45	7.7	4.7	5.0	7.0	5.0	6.0	5.7	5.7	5.7
NEXUS XR (SNR)	7.7	4.3	5.3	6.7	5.3	5.3	5.3	6.0	5.7
ALLSTAR 3 (IS-PR 274)	6.7	2.3	3.0	6.3	4.7	6.0	6.7	6.7	5.6
DELAWARE XL (PICK 01-2)	7.7	4.3	4.3	6.0	5.3	6.3	6.0	5.3	5.6
MMW	7.0	2.3	4.0	6.0	5.3	6.0	6.3	6.0	5.6
PANTHER GLS	5.0	3.0	3.3	6.3	6.0	5.7	6.0	6.0	5.6
SR 4600 (SRX 4SP)	6.7	3.3	5.0	5.3	4.7	6.0	5.7	6.7	5.6
STELLAR GL (IS-PR 236)	8.0	3.3	4.7	5.0	4.7	6.3	6.0	6.7	5.6
TR47	7.0	5.3	6.3	7.0	5.0	5.3	4.3	5.7	5.6
1G SQUARED (APR 1664)	6.0	3.3	4.7	6.3	5.7	6.0	4.7	5.7	5.5
ASP6003 (TRS)	6.7	4.0	4.3	6.7	5.3	5.3	5.0	5.7	5.4
ASP6006 (LPFG)	7.0	3.3	4.3	6.7	4.7	6.0	5.7	5.3	5.4
EDGE II (AC2)	6.7	3.3	4.0	6.3	5.7	5.3	5.3	5.7	5.4
MACH I	6.3	4.0	4.0	6.7	5.3	5.7	5.3	5.7	5.4
PROTEGE GLR	6.0	3.3	4.0	6.0	5.0	5.3	5.0	7.0	5.4
REGAL 5 (IS-PR 271)	8.5	4.0	4.7	7.0	4.3	4.7	5.0	6.7	5.4
RNS	7.0	2.7	3.3	6.0	4.7	6.7	5.7	6.0	5.4
VB99	7.0	4.0	5.0	6.0	5.7	5.3	4.7	5.7	5.4
ZOOM (LCK)	5.3	3.0	3.7	7.0	4.7	4.7	5.7	6.7	5.4
APPLE GL (AAZ-B104)	7.0	3.3	4.0	5.7	4.7	5.0	6.0	6.7	5.3
UNO (D04-11T)	7.5	3.7	4.7	6.0	4.3	5.3	5.0	6.7	5.3
DERBY XTREME (IS-PR 268)	7.0	3.3	3.7	5.0	4.7	6.0	5.3	7.0	5.3
KEYSTONE 2 (IS-PR 312)	4.3	3.7	4.0	6.0	5.0	5.7	5.0	6.3	5.3
NEXUS XD (SP4)	7.7	4.0	5.0	6.3	4.7	5.3	5.3	5.0	5.3
PST-2AG4	6.3	4.7	5.0	5.3	5.3	5.0	4.7	6.3	5.3
REVENGE GLX (JR-348)	7.3	4.0	5.0	5.0	4.7	6.0	5.0	6.3	5.3
TOP GUN II (JR-324)	5.7	5.0	4.7	6.0	6.0	5.3	4.7	5.0	5.3
ASP6002 (BPR)	6.7	3.7	4.3	6.3	4.7	5.7	5.0	5.0	5.2
BAR LP 4420	5.0	4.3	5.3	5.7	4.7	5.0	5.0	5.3	5.2
BUENA VISTA	6.3	2.7	3.7	4.7	5.0	6.0	6.0	6.0	5.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	5.0	4.7	4.7	5.0	5.3	5.3	6.0	5.2
HALO (KN42)	7.7	4.0	4.3	6.3	4.7	4.7	5.7	5.3	5.2
PICK 02-R	7.0	1.7	3.7	6.7	4.7	4.7	5.3	6.0	5.2
SECRETARIAT II GLSR (LTP-101-GLSR)	4.3	4.3	4.3	5.3	5.7	5.3	4.7	6.0	5.2
BAR LP 4920	4.0	5.7	5.3	6.0	5.0	4.7	5.0	4.7	5.1
GL-2	6.0	3.0	4.3	5.0	4.0	5.7	5.3	6.3	5.1
MANHATTAN 5 GLR (PST-2AM)	6.3	4.0	4.0	5.0	5.3	5.7	5.0	5.3	5.1

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	PINK SNOW	QUALITY RATINGS							MEAN
	COLOR	MOLD	MAY	JUN	JUL	AUG	SEP	OCT		
PARAGON GLR	5.5	4.3	4.3	6.0	4.0	4.3	4.7	7.0	5.1	
SILVER DOLLAR	5.0	4.7	4.7	5.0	5.3	5.0	5.0	5.3	5.1	
ASP6004 (EXS54)	7.3	3.7	3.7	5.7	4.7	5.3	5.0	5.7	5.0	
PST-217	5.0	4.7	4.7	6.0	5.3	5.3	4.3	4.3	5.0	
ACCENT II (JR-119)	4.7	4.3	4.3	6.3	5.7	4.3	4.3	4.3	4.9	
CALYPSO 3 (MS2)	7.0	3.3	4.0	5.7	4.7	5.0	5.3	5.0	4.9	
TRANSFORMER (D04-1667)	5.0	3.7	3.7	6.0	4.7	4.7	4.3	6.3	4.9	
FIESTA 4 (PICK F4)	7.3	3.3	4.0	4.7	4.0	5.3	5.3	6.3	4.9	
FUSION	7.0	2.7	3.7	5.0	4.3	5.7	5.3	5.7	4.9	
GALATTI (DP 17-9502)	4.3	4.3	4.0	5.3	6.0	4.7	4.3	5.0	4.9	
FIJI (GPR)	7.0	2.7	3.3	5.7	4.0	5.0	5.7	5.7	4.9	
GRAND SLAM 2 (PST-2GSM)	4.7	3.3	4.3	6.0	4.3	4.7	4.7	5.7	4.9	
HARRIER (SRX 4UP3)	6.3	3.0	3.3	4.3	4.3	5.3	5.0	7.0	4.9	
INSPIRE	4.3	4.7	5.0	5.0	5.0	5.0	4.7	4.7	4.9	
KOKOMO II (IS-PR 235)	7.3	3.7	4.0	4.7	4.0	5.0	5.0	6.7	4.9	
LA QUINTA (JR-255)	6.7	4.3	4.7	5.0	4.7	5.0	4.3	5.7	4.9	
PLEASURE SUPREME (PM 103)	6.3	3.7	3.7	6.0	4.3	5.0	5.3	5.3	4.9	
RAD-PR8	5.0	4.0	4.3	5.3	4.7	5.7	4.7	4.7	4.9	
MAJESTY II (VB77)	6.3	3.7	4.0	6.0	4.3	5.0	5.0	5.3	4.9	
BREA (04-BRE)	4.7	4.0	4.0	6.3	4.0	4.3	5.0	5.0	4.8	
ASP6005 (AJM)	7.7	4.3	4.7	5.0	5.3	5.0	4.3	4.7	4.8	
ATTRIBUTE (IS-PR 270)	7.3	2.3	3.0	4.7	4.3	5.3	5.3	6.0	4.8	
BAR LP 4317	4.7	4.7	5.3	5.0	5.0	5.0	4.0	4.3	4.8	
BRIGHTSTAR SLT	4.3	5.3	5.3	5.3	4.7	5.0	4.0	4.3	4.8	
CITATION FORE	5.0	4.7	5.0	5.3	4.7	4.3	4.7	5.0	4.8	
DEFENDER (D04-UP)	6.3	3.7	4.0	4.3	4.0	5.3	4.7	6.3	4.8	
FIREBOLT (PRG HS-01-09)	7.3	3.7	4.0	5.3	4.7	4.7	5.3	5.0	4.8	
GRAY STAR (PST-2LGL)	5.7	3.7	4.0	6.3	4.0	5.0	5.0	4.3	4.8	
HEADSTART 2	5.7	3.0	3.7	6.0	4.7	5.3	5.0	4.3	4.8	
L44	7.7	4.0	4.3	5.7	4.3	4.7	5.0	4.7	4.8	
LINE DRIVE GLS (APR 1797)	5.7	4.7	4.0	4.7	5.0	5.3	4.3	5.3	4.8	
PST-2LAN	5.0	4.0	4.7	5.0	5.0	4.7	4.3	5.0	4.8	
SUNSHINE 2	6.3	3.7	4.3	6.0	4.3	5.0	5.0	4.7	4.8	
RINGER II (04-BEN)	4.3	3.7	5.3	4.7	4.3	4.0	4.7	5.3	4.7	
AF	6.0	3.7	4.0	5.0	4.3	4.7	4.0	6.0	4.7	
ASP6001 (RTS)	7.0	4.7	4.7	5.3	4.7	4.3	5.0	4.3	4.7	
D04-LP05	5.7	5.0	5.3	5.0	3.7	5.0	4.3	5.0	4.7	
DP 17-9499	5.0	3.0	3.3	5.7	4.7	4.7	4.3	5.3	4.7	
GOALKEEPER II (JR-114)	4.7	5.0	5.0	5.7	6.0	4.0	4.0	3.7	4.7	
OVERDRIVE	6.0	4.0	4.3	5.7	4.7	4.3	5.0	4.3	4.7	
PREMIER II	4.0	6.7	6.0	4.3	5.3	4.3	4.7	3.7	4.7	
PRIMARY (IS-PR 269)	5.3	2.7	3.7	5.0	3.7	4.7	5.7	5.7	4.7	
QUICKSILVER	7.0	5.7	5.0	4.7	4.3	5.5	5.0	4.7	4.7	
REPELL GLS	6.0	3.7	3.7	4.7	4.7	5.0	4.7	5.7	4.7	
HAWKEYE 2 (SRX 4692)	6.0	4.7	5.0	4.7	4.0	5.7	4.3	4.3	4.7	
CADDIESHACK II (JR-163)	3.3	5.0	4.3	6.0	4.7	4.0	4.3	4.0	4.6	
DART (APR 1663)	5.7	4.0	4.7	5.0	3.7	5.0	4.7	4.3	4.6	

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	PINK SNOW	QUALITY RATINGS							MEAN
	COLOR	MOLD	MAY	JUN	JUL	AUG	SEP	OCT		
PALACE (IS-PR 273)	6.7	3.0	3.3	5.3	3.7	4.3	4.7	6.3	4.6	
PINNACLE II	6.0	4.0	4.3	5.3	4.0	4.0	4.7	5.0	4.6	
PST-2BLK	6.5	4.3	5.0	5.3	4.0	3.7	4.7	5.0	4.6	
GRAY FOX (PST-2MNG)	5.7	4.3	3.7	5.0	4.3	5.0	4.3	5.3	4.6	
DCM	4.5	2.7	3.7	5.3	3.7	5.0	5.0	5.0	4.5	
E-99	4.7	5.0	4.7	4.3	4.3	4.7	4.0	5.0	4.5	
PENTIUM	4.0	4.0	4.0	5.0	5.0	4.0	4.7	4.3	4.5	
PM 102	8.0	3.3	3.7	4.3	4.3	5.0	4.7	5.0	4.5	
SRX 4682	4.0	4.0	4.7	5.0	4.7	4.0	4.7	4.0	4.5	
BARLENNIUM	4.0	6.3	5.0	4.7	4.3	4.0	4.3	4.0	4.4	
DP 17-9788	4.0	4.7	4.7	5.3	4.3	4.3	3.7	4.0	4.4	
PANTHER	3.0	6.7	5.3	5.0	5.3	4.0	3.3	3.7	4.4	
PALMER IV	7.0	3.7	3.7	4.3	3.7	5.0	5.0	5.3	4.3	
PS-2	6.0	3.3	3.7	5.3	4.7	3.7	4.7	4.0	4.3	
CABO II (IS-PR 233)	8.3	2.3	3.3	4.7	3.3	4.0	4.7	5.0	4.2	
PHENOM (APR 1660)	6.7	5.0	4.7	4.0	3.7	3.7	4.7	4.3	4.2	
APR 1670	5.0	5.3	4.7	3.7	3.7	4.0	4.0	4.7	4.1	
MONTEREY 3 (JR-408)	4.0	3.7	3.7	5.7	4.0	4.0	3.5	3.7	4.1	
PALMER III	3.3	5.7	4.3	4.3	4.3	4.0	3.7	4.0	4.1	
PIANIST (DP 17-9505)	4.0	4.3	4.0	4.7	3.7	4.3	3.7	3.7	4.0	
LPR 02203	2.7	4.3	4.0	4.3	4.3	3.3	3.3	3.3	3.8	
AFFINITY	2.3	7.0	4.7	2.3	4.0	3.0	2.7	3.0	3.3	
PINNACLE	2.0	7.0	4.7	1.3	4.0	2.7	2.7	2.3	2.9	
PREMIER	2.3	7.0	4.3	1.7	4.0	2.7	2.0	2.3	2.8	
LINN	1.0	5.7	1.3	1.0	1.0	1.0	1.0	1.0	1.1	
LSD VALUE	1.4	1.7	2.5	1.3	1.8	1.9	1.4	1.1	0.8	
C.V. (%)	15.3	24.5	22.8	15.6	18.5	20.0	16.6	13.6	10.8	

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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS									MEAN
						MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT		
ACCENT II (JR-119)	6.7	7.0	99.0	80.0	53.3	6.0	6.3	7.7	6.7	5.3	6.0	5.3	7.7	6.4	
MONTEREY 3 (JR-408)	7.0	7.0	99.0	66.7	56.7	6.0	6.3	8.7	7.7	4.7	5.3	5.7	6.7	6.4	
WIND DANCE 2 (PWDR)	8.3	7.0	99.0	65.0	61.7	6.3	7.7	7.7	6.3	5.3	4.3	5.7	7.7	6.4	
APPLE GL (AAZ-B104)	7.7	7.7	99.0	90.0	60.0	5.0	8.0	8.0	6.3	5.3	5.7	5.3	6.7	6.3	
APR 1648	8.0	7.3	99.0	76.7	53.3	6.3	7.7	7.7	6.0	4.7	5.3	5.7	7.0	6.3	
UNO (D04-11T)	7.3	7.3	99.0	83.3	48.3	4.3	7.3	8.7	7.3	5.0	5.3	5.3	7.3	6.3	
TRANSFORMER (D04-1667)	7.7	7.0	99.0	83.3	55.0	5.3	7.7	7.7	6.7	4.3	6.3	5.3	7.0	6.3	
PANTHER GLS	7.0	7.3	99.0	96.3	58.3	5.3	7.0	7.3	6.7	5.3	6.3	5.3	6.7	6.3	
PST-2AG4	7.3	7.0	99.0	84.7	38.3	5.7	7.3	7.7	6.7	5.3	6.0	5.3	6.3	6.3	
AF	7.3	7.0	99.0	81.3	63.3	4.3	7.7	7.7	7.3	4.7	5.7	5.0	7.0	6.2	
DELAWARE XL (PICK 01-2)	7.7	7.0	99.0	68.3	45.0	5.3	7.7	7.7	6.3	4.0	5.3	5.7	7.3	6.2	
LINE DRIVE GLS (APR 1797)	7.3	7.0	99.0	81.3	68.3	5.7	7.3	7.7	6.3	5.0	5.3	6.0	6.3	6.2	
RNS	8.0	7.3	99.0	76.3	48.3	5.3	7.7	8.3	7.0	4.3	5.3	5.3	6.3	6.2	
EXACTA II GLSR (LTP-611-GLSR)	7.0	7.0	99.0	65.0	43.3	5.0	7.3	7.7	5.7	4.3	5.3	5.3	8.3	6.1	
FIREBOLT (PRG HS-01-09)	9.0	7.7	99.0	94.7	51.7	6.0	7.7	6.7	6.0	5.3	5.7	5.3	6.0	6.1	
FIJI (GPR)	7.7	7.0	97.7	78.3	50.0	6.3	6.7	7.0	6.0	4.3	5.3	5.3	7.7	6.1	
MMW	6.7	6.7	99.0	68.3	48.3	5.3	7.7	8.0	6.0	4.7	4.7	5.0	7.7	6.1	
PALMER IV	7.7	7.0	99.0	84.7	36.7	5.0	7.7	8.0	6.7	4.7	5.0	5.0	7.0	6.1	
PENTIUM	6.0	7.3	99.0	81.7	48.3	5.7	6.3	7.3	6.3	4.7	5.0	5.7	7.7	6.1	
SILVER DOLLAR	7.3	7.3	99.0	86.7	56.7	5.7	7.3	8.0	7.0	5.0	5.3	4.7	6.0	6.1	
VB99	8.7	7.0	99.0	61.7	53.3	6.3	7.0	8.0	6.3	4.3	4.7	5.3	7.0	6.1	
ZOOM (LCK)	7.3	7.0	99.0	65.0	45.0	5.3	7.7	8.3	6.7	4.0	4.7	5.0	7.0	6.1	
AMAZING GS (IS-PR 276)	7.7	7.0	91.7	78.3	65.0	5.3	7.7	7.7	6.3	4.0	5.0	4.7	7.3	6.0	
ASP6002 (BPR)	8.0	7.0	97.7	86.3	51.7	5.3	7.0	7.0	6.3	5.0	5.3	5.0	6.7	6.0	
CUTTER II (PM 101)	7.7	7.3	99.0	88.0	45.0	5.0	7.7	7.3	6.7	5.3	4.7	5.0	6.3	6.0	
DART (APR 1663)	7.7	7.0	99.0	83.3	55.0	6.3	7.3	7.7	6.0	4.7	5.3	4.3	6.3	6.0	
DCM	7.0	7.3	99.0	91.3	60.0	6.0	6.3	7.7	6.7	5.3	5.7	4.3	6.0	6.0	
EDGE II (AC2)	7.3	7.0	97.7	79.7	55.0	6.0	7.0	7.7	6.0	5.0	5.7	4.7	6.0	6.0	
HALO (KN42)	7.7	7.0	99.0	48.3	43.3	5.7	7.7	7.7	5.7	3.7	4.3	5.3	8.0	6.0	
KEYSTONE 2 (IS-PR 312)	6.7	7.0	99.0	83.3	60.0	5.0	6.0	7.7	6.3	4.7	5.7	6.3	6.7	6.0	
MACH I	6.7	7.0	99.0	85.0	36.7	6.3	6.3	7.0	6.0	4.7	5.0	5.7	7.0	6.0	
NEXUS XD (SP4)	8.0	7.3	97.7	63.3	48.3	5.7	7.0	7.7	6.3	4.3	4.3	5.3	7.0	6.0	
NEXUS XR (SNR)	7.7	7.3	99.0	63.3	48.3	5.3	7.3	8.3	5.0	4.0	5.3	5.7	7.3	6.0	
PALACE (IS-PR 273)	8.3	6.7	99.0	88.0	60.0	5.7	7.7	7.3	6.3	5.0	4.7	5.0	6.7	6.0	
PRESIDIO (CNV)	7.7	7.7	97.7	75.0	41.7	5.0	7.3	7.7	6.0	4.7	4.7	5.3	7.3	6.0	
PROTEGE GLR	7.3	7.7	97.7	70.0	43.3	5.0	7.3	7.3	6.0	3.3	5.3	5.3	8.0	6.0	
REGAL 5 (IS-PR 271)	7.0	6.7	99.0	68.0	45.0	5.3	7.3	8.0	6.3	4.0	4.7	5.3	7.0	6.0	
STELLAR GL (IS-PR 236)	7.7	7.0	96.0	69.7	53.3	5.3	8.0	8.0	6.3	4.3	4.0	5.0	6.7	6.0	
BREA (04-BRE)	7.3	6.7	99.0	71.3	53.3	5.7	7.0	7.7	6.0	4.3	5.0	5.0	6.7	5.9	
DERBY XTREME (IS-PR 268)	7.3	7.3	99.0	60.0	45.0	4.7	6.0	7.7	6.3	4.0	5.0	5.3	8.0	5.9	
ES45	7.7	7.3	99.0	65.0	35.0	6.3	7.3	8.0	4.3	3.7	5.0	6.0	6.7	5.9	
GRAND SLAM 2 (PST-2GSM)	6.7	7.0	99.0	90.0	61.7	5.7	6.3	6.3	6.3	5.0	5.3	5.0	7.3	5.9	
HOMERUN (RG3P)	7.3	7.0	99.0	80.0	51.7	5.3	7.7	7.7	7.0	4.7	4.7	5.0	5.3	5.9	
L44	7.3	7.0	99.0	60.0	41.7	5.7	7.3	7.3	5.7	3.3	4.7	5.7	7.3	5.9	
MANHATTAN 5 GLR (PST-2AM)	6.3	6.7	99.0	81.7	66.7	5.0	6.7	8.0	7.0	4.7	5.3	5.0	5.7	5.9	
OVERDRIVE	6.7	7.0	99.0	81.7	56.7	5.3	6.0	7.7	7.0	4.7	5.0	5.0	6.3	5.9	
SR 4600 (SRX 4SP)	7.7	7.3	99.0	60.0	43.3	5.3	7.3	7.3	6.0	4.0	4.7	5.0	7.7	5.9	

TABLE 11. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS								MEAN
						MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
RINGER II (04-BEN)	6.7	7.0	99.0	75.0	60.0	5.7	6.0	6.7	6.3	4.7	4.7	5.7	6.3	5.8
ASP6003 (TRS)	8.0	6.7	99.0	60.0	33.3	6.3	7.3	7.0	5.7	3.7	3.7	4.7	8.0	5.8
BAR LP 4317	5.3	7.3	99.0	78.3	65.0	5.0	5.7	7.0	6.7	4.7	5.0	5.3	7.0	5.8
BUENA VISTA	7.3	7.3	97.7	71.7	50.0	5.0	7.3	6.7	5.7	4.3	5.3	5.3	6.7	5.8
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	6.7	99.0	75.0	58.3	5.0	6.7	7.3	6.7	4.7	5.0	5.0	6.3	5.8
FIESTA 4 (PICK F4)	8.0	7.3	99.0	50.0	40.0	5.0	7.3	7.3	7.0	3.3	4.0	4.7	7.3	5.8
GALATTI (DP 17-9502)	7.3	6.0	97.7	65.0	56.7	6.7	6.0	6.7	5.0	4.3	4.7	6.0	7.0	5.8
GOALKEEPER II (JR-114)	6.7	7.0	97.7	89.7	60.0	5.7	6.7	7.3	6.0	4.7	5.0	5.0	5.7	5.8
HARRIER (SRX 4UP3)	7.3	6.7	99.0	88.3	51.7	4.7	7.0	7.0	6.3	4.3	5.3	5.3	6.7	5.8
PARAGON GLR	7.3	7.0	99.0	85.0	53.3	5.0	7.3	8.7	6.0	4.3	4.7	4.3	6.3	5.8
PM 102	8.3	7.0	96.3	78.3	63.3	5.7	6.3	7.0	5.3	4.7	4.7	5.3	7.0	5.8
PST-217	7.3	7.0	99.0	60.0	45.0	5.7	7.0	7.3	6.0	4.0	4.7	5.0	7.0	5.8
RAD-PR8	6.3	7.0	99.0	71.7	50.0	5.0	6.7	7.3	6.0	4.3	5.0	5.7	6.0	5.8
REVENGE GLX (JR-348)	7.0	7.3	97.7	81.7	43.3	5.3	6.7	7.3	6.3	5.0	5.3	4.3	6.0	5.8
MAJESTY II (VB77)	8.0	7.0	99.0	66.7	43.3	5.3	7.7	8.0	6.7	3.3	4.3	4.3	7.0	5.8
ALLSTAR 3 (IS-PR 274)	7.0	7.0	97.7	84.7	45.0	5.0	6.7	7.0	6.3	5.3	4.7	4.3	6.0	5.7
APR 1670	6.7	7.3	99.0	81.7	38.3	5.3	7.0	7.0	5.7	4.7	5.3	4.7	6.0	5.7
CADDIESHACK II (JR-163)	6.0	7.3	99.0	76.3	60.0	5.0	6.3	8.0	6.3	4.0	5.0	5.0	5.7	5.7
CITATION FORE	7.0	7.3	99.0	80.0	60.0	5.7	7.0	6.7	5.0	4.7	5.0	5.3	6.3	5.7
FUSION	7.3	7.0	99.0	73.3	58.3	5.7	6.3	6.7	7.0	4.7	5.3	4.7	5.3	5.7
GL-2	7.3	7.7	98.3	85.0	50.0	5.3	7.0	6.7	6.3	4.3	5.3	4.7	5.7	5.7
HEADSTART 2	8.0	7.3	97.0	76.3	60.0	6.0	6.7	7.3	5.7	4.3	4.7	4.7	6.3	5.7
PALMER III	6.7	6.7	98.3	81.7	36.7	5.7	6.0	7.3	5.7	4.3	5.3	5.0	6.3	5.7
PST-2LAN	6.0	7.0	99.0	65.0	70.0	5.3	6.7	6.7	5.7	4.7	4.3	5.7	6.7	5.7
TR47	8.0	6.7	96.0	43.3	30.0	5.7	7.0	7.3	5.7	3.7	4.0	4.7	7.7	5.7
ASP6001 (RTS)	7.0	7.0	99.0	86.7	53.3	5.7	6.0	7.3	5.7	4.3	5.0	5.0	6.0	5.6
BARLENNIUM	6.0	7.0	99.0	74.7	56.7	5.3	6.3	5.7	5.7	4.7	5.0	5.7	6.3	5.6
PHENOM (APR 1660)	6.3	7.0	99.0	66.7	43.3	5.7	6.0	7.3	6.0	4.0	4.7	4.3	7.0	5.6
PINNACLE II	7.0	7.7	97.7	66.7	33.3	6.0	6.3	6.7	5.0	4.3	4.7	4.7	7.0	5.6
PLEASURE SUPREME (PM 103)	7.3	7.3	97.7	86.7	63.3	5.7	6.7	6.7	5.0	4.3	4.7	4.7	7.0	5.6
PREMIER II	7.0	7.3	99.0	66.3	51.7	6.0	7.0	7.0	5.3	4.3	4.3	5.0	5.7	5.6
PRIMARY (IS-PR 269)	7.7	7.3	96.0	80.0	53.3	4.7	7.0	8.0	6.0	4.0	4.7	4.7	6.0	5.6
PST-2BLK	6.7	6.3	99.0	76.7	56.7	5.7	6.7	6.3	6.0	4.0	5.0	5.3	5.7	5.6
REPELL GLS	7.3	7.3	97.7	73.3	46.7	6.0	6.7	6.7	4.3	4.0	4.3	5.3	7.7	5.6
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	7.0	99.0	91.7	60.0	5.3	7.0	7.0	5.3	4.0	5.0	5.0	6.0	5.6
1G SQUARED (APR 1664)	6.7	7.0	99.0	46.7	33.3	4.7	6.7	7.3	6.3	3.7	3.7	4.0	7.7	5.5
ASP6005 (AJM)	7.0	7.0	99.0	46.7	40.0	5.0	6.3	7.3	6.0	3.0	4.3	5.0	6.7	5.5
ASP6006 (LPFG)	8.0	7.3	97.7	45.0	26.7	5.0	7.3	7.7	5.3	3.0	3.3	4.3	8.3	5.5
BRIGHTSTAR SLT	7.0	6.7	99.0	86.3	53.3	5.7	7.3	6.3	5.7	4.3	4.3	5.3	5.3	5.5
CABO II (IS-PR 233)	7.7	7.0	99.0	53.3	41.7	4.7	6.7	7.0	6.3	3.3	3.7	4.7	7.3	5.5
DASHER 3 (PICK RB-1)	7.7	7.3	99.0	71.7	45.0	5.3	6.7	7.0	6.0	3.7	3.3	4.0	7.7	5.5
DP1	7.0	7.3	99.0	60.0	36.7	5.0	6.7	7.0	5.7	3.3	4.3	4.3	7.3	5.5
KOKOMO II (IS-PR 235)	6.3	6.7	99.0	88.3	58.3	5.0	5.7	6.7	6.0	4.7	5.0	4.7	6.7	5.5
PIZZAZZ	6.3	7.3	99.0	76.7	26.7	5.7	6.3	7.0	5.7	4.3	5.3	4.3	5.7	5.5
PS-2	6.7	7.3	99.0	68.3	46.7	5.3	6.0	6.0	6.0	4.7	4.3	5.3	6.3	5.5
QUICKSILVER	7.3	7.0	99.0	61.7	41.7	5.0	7.0	6.7	5.3	3.7	4.7	5.0	6.7	5.5
SRX 4682	6.3	7.0	99.0	76.7	38.3	6.0	6.7	7.0	6.0	4.3	4.7	4.7	4.3	5.5

TABLE 11. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER			QUALITY RATINGS							MEAN	
			SPRING	SUMMER	FALL	MAR	APR	MAY	JUN	JUL	AUG	SEP		OCT
HAWKEYE 2 (SRX 4692)	7.0	7.0	99.0	96.3	48.3	6.0	6.3	6.0	5.3	4.7	5.0	5.3	5.3	5.5
DEFENDER (D04-UP)	7.3	7.7	99.0	81.7	68.3	5.7	6.7	6.0	4.7	4.0	4.3	5.3	6.3	5.4
E-99	6.0	7.0	99.0	86.3	56.7	4.7	6.3	7.0	5.0	4.7	4.7	4.7	6.0	5.4
LA QUINTA (JR-255)	7.0	7.0	99.0	53.3	46.7	5.0	6.7	7.0	6.3	3.3	4.0	4.3	6.7	5.4
PIANIST (DP 17-9505)	6.0	7.0	99.0	61.7	45.0	5.0	5.7	6.7	6.3	4.0	4.7	5.0	5.7	5.4
TOP GUN II (JR-324)	6.7	7.0	99.0	55.0	35.0	5.3	6.7	8.0	5.7	3.3	3.3	4.3	6.3	5.4
ASP6004 (EXS54)	7.7	6.3	97.7	56.7	31.7	5.3	7.3	7.3	5.3	3.0	3.3	4.7	6.3	5.3
ATTRIBUTE (IS-PR 270)	6.3	7.0	99.0	58.3	46.7	4.7	5.3	6.3	6.0	4.0	4.3	5.0	7.0	5.3
BAR LP 4420	8.0	7.3	99.0	64.7	45.0	6.0	7.0	6.3	5.0	4.0	4.0	3.7	6.7	5.3
BAR LP 4920	6.7	6.3	97.7	74.7	26.7	6.0	5.7	6.0	5.3	4.3	4.0	4.0	6.7	5.3
CALYPSO 3 (MS2)	7.7	7.0	97.7	60.0	53.3	5.3	6.7	6.7	5.3	3.0	3.7	5.7	6.0	5.3
GRAY STAR (PST-2LGL)	7.3	7.0	99.0	66.7	60.0	5.0	7.3	6.7	5.0	4.0	3.7	4.7	6.0	5.3
INSPIRE	6.3	7.0	98.3	61.7	61.7	5.0	6.0	7.0	5.0	3.7	4.3	5.0	6.7	5.3
GRAY FOX (PST-2MNG)	7.0	6.3	99.0	63.3	43.3	6.3	6.7	7.0	4.7	3.7	3.7	3.7	6.3	5.3
PANTHER	5.7	6.7	96.0	58.3	26.7	5.3	6.3	5.7	5.3	4.0	5.0	4.0	6.0	5.2
DP 17-9499	6.7	6.3	99.0	63.3	46.7	5.3	6.3	6.7	5.0	4.0	4.0	4.0	5.7	5.1
LPR 02203	5.0	6.3	99.0	83.3	51.7	5.3	5.3	5.7	5.0	3.7	4.7	5.0	6.0	5.1
DP 17-9788	6.0	7.3	99.0	75.0	41.7	5.3	5.3	5.3	5.3	3.7	4.0	4.3	6.3	5.0
PICK 02-R	8.3	7.3	99.0	65.0	38.3	5.3	6.3	6.0	5.0	3.3	4.0	3.7	6.3	5.0
PINNACLE	4.3	6.3	97.7	83.3	55.0	6.7	5.0	4.0	4.7	4.3	5.0	5.0	5.7	5.0
SUNSHINE 2	8.3	7.3	94.3	78.3	35.0	5.0	6.0	6.7	5.0	4.3	3.7	2.7	6.7	5.0
D04-LP05	6.0	7.0	96.0	83.3	36.7	4.7	6.3	5.7	4.7	3.7	4.3	4.3	4.7	4.8
PREMIER	4.7	6.0	97.7	73.3	58.3	5.3	5.0	4.0	4.0	3.7	4.3	3.7	5.0	4.4
AFFINITY	5.0	6.0	99.0	51.7	31.7	5.0	5.3	5.0	4.3	2.7	3.0	3.7	5.0	4.3
LINN	4.0	4.3	96.0	28.3	20.0	3.3	3.0	2.0	2.0	2.3	2.0	1.3	3.0	2.4
LSD VALUE	1.3	0.9	11.0	64.5	53.1	2.2	1.7	1.6	2.0	3.5	3.5	2.8	2.2	0.8
C.V. (%)	10.7	7.0	2.1	27.2	33.3	14.3	13.0	12.9	16.5	23.4	22.9	20.2	16.0	8.1

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

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

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	YELLOW PATCH	APR	MAY	QUALITY RATINGS					MEAN
										JUN	JUL	AUG	SEP	OCT	
ALLSTAR 3 (IS-PR 274)	8.7	4.7	8.7	8.7	8.3	6.0	5.7	6.0	8.0	7.7	6.7	6.3	5.7	8.3	7.0
ASP6001 (RTS)	9.0	4.0	8.7	9.0	8.3	7.0	3.3	5.3	7.7	7.7	7.3	7.3	6.0	8.0	7.0
CUTTER II (PM 101)	8.3	3.3	8.7	9.0	9.0	6.0	2.7	5.3	7.7	7.0	6.3	6.7	7.0	9.0	7.0
DP1	8.0	4.7	8.3	9.0	9.0	5.7	3.7	5.3	7.0	7.0	6.3	6.7	7.7	9.0	7.0
FIJI (GPR)	8.3	3.7	8.0	8.7	9.0	6.0	2.7	5.7	6.7	7.0	6.3	6.7	7.7	9.0	7.0
PRESIDIO (CNV)	8.7	3.3	9.0	9.0	8.0	6.7	4.3	6.7	7.7	7.7	6.3	6.3	5.3	8.7	7.0
MAJESTY II (VB77)	8.3	4.7	8.7	9.0	8.0	6.3	5.0	6.7	8.0	7.3	6.3	7.0	4.7	8.7	7.0
AMAZING GS (IS-PR 276)	8.7	4.3	8.0	9.0	8.7	6.7	3.7	5.0	8.0	7.0	7.3	6.3	6.0	8.3	6.9
APR 1648	8.7	3.7	8.0	9.0	8.7	6.3	3.7	5.3	7.0	7.3	6.7	7.0	5.7	9.0	6.9
ES45	8.3	4.0	8.7	9.0	8.3	6.0	4.0	6.3	7.3	7.7	6.3	6.3	6.0	8.3	6.9
HALO (KN42)	9.0	3.7	8.3	8.7	8.7	6.0	4.3	4.7	7.7	7.3	5.7	6.7	7.3	9.0	6.9
PALACE (IS-PR 273)	8.7	3.7	8.3	9.0	8.0	5.3	4.7	5.7	7.7	7.3	6.7	6.7	5.3	8.7	6.9
SILVER DOLLAR	8.3	4.3	8.7	9.0	8.7	7.0	5.7	5.3	7.0	7.3	7.7	7.0	5.3	8.3	6.9
TOP GUN II (JR-324)	8.3	3.3	8.7	8.7	8.7	6.0	4.7	5.3	7.3	7.0	6.3	6.3	7.0	9.0	6.9
TR47	8.7	4.7	8.7	9.0	8.0	4.0	3.7	6.7	7.7	7.3	5.3	6.3	5.7	9.0	6.9
ASP6004 (EXS54)	8.3	3.7	8.7	9.0	8.0	6.3	3.0	5.7	7.0	7.3	6.0	6.3	6.7	8.3	6.8
EDGE II (AC2)	8.7	3.3	8.3	9.0	8.3	6.3	4.0	4.7	7.7	7.3	6.7	6.3	6.7	8.0	6.8
EXACTA II GLSR (LTP-611-GLSR)	8.0	5.7	9.0	9.0	8.0	5.0	5.0	6.7	7.3	6.7	6.3	6.7	5.3	8.7	6.8
NEXUS XD (SP4)	9.0	4.0	8.0	9.0	8.3	5.7	4.0	5.7	8.0	7.3	7.0	6.0	5.7	8.0	6.8
PLEASURE SUPREME (PM 103)	8.3	4.7	9.0	9.0	8.0	6.0	4.0	5.7	7.7	7.7	6.7	7.0	5.3	7.7	6.8
UNO (D04-11T)	8.0	3.7	8.7	9.0	8.7	6.7	3.0	5.0	7.0	7.0	6.3	7.0	5.7	9.0	6.7
FUSION	8.7	4.3	7.7	9.0	8.3	6.7	3.0	5.7	6.7	6.7	6.3	7.3	5.0	9.0	6.7
L44	8.7	4.0	7.0	9.0	8.7	5.3	3.3	5.3	7.0	7.0	5.7	6.3	6.3	9.0	6.7
VB99	8.7	3.7	8.0	8.7	8.3	5.7	3.3	5.7	7.3	7.0	5.3	6.0	6.7	9.0	6.7
ASP6003 (TRS)	8.3	3.7	8.0	8.7	7.7	5.0	4.0	5.3	7.7	7.0	5.7	6.3	5.7	8.7	6.6
NEXUS XR (SNR)	8.7	3.7	8.7	9.0	7.7	6.7	3.7	4.3	7.7	7.7	6.3	6.0	5.7	8.3	6.6
PALMER IV	8.7	5.7	8.7	9.0	8.0	6.3	6.7	4.7	8.0	8.0	6.0	6.7	5.0	7.7	6.6
RINGER II (04-BEN)	7.7	5.0	8.7	9.0	8.7	7.0	3.3	5.7	6.7	7.0	6.7	6.7	6.0	7.0	6.5
ASP6006 (LPGF)	9.0	4.7	8.7	8.7	8.3	4.0	3.0	5.3	7.7	7.0	5.0	6.0	6.3	8.3	6.5
ATTRIBUTE (IS-PR 270)	8.3	4.0	9.0	9.0	8.0	6.0	4.3	5.0	7.0	6.7	7.0	7.0	5.0	8.0	6.5
BUENA VISTA	7.7	3.7	8.7	9.0	8.7	6.7	2.0	5.3	5.7	6.7	6.7	7.0	6.0	8.0	6.5
E-99	8.0	4.0	8.3	9.0	8.7	7.7	2.0	4.7	6.7	6.7	7.0	6.7	6.0	7.7	6.5
PARAGON GLR	7.7	4.3	8.7	9.0	8.3	5.0	4.3	6.0	7.0	7.0	5.3	5.7	5.3	9.0	6.5
ACCENT II (JR-119)	7.0	4.0	8.3	9.0	8.3	6.7	4.7	5.3	6.7	5.7	6.3	6.3	6.3	8.3	6.4
ASP6002 (BPR)	8.3	3.7	7.7	8.7	8.3	4.0	2.7	5.7	7.0	6.7	4.7	6.3	6.0	8.7	6.4
CALYPSO 3 (MS2)	8.3	3.7	8.3	8.7	8.3	5.3	2.0	5.3	7.3	6.3	6.0	5.3	6.0	8.3	6.4
DART (APR 1663)	8.0	4.0	9.0	9.0	8.7	6.3	4.7	5.0	7.3	7.0	6.3	6.3	4.7	8.0	6.4
GRAND SLAM 2 (PST-2GSM)	7.7	3.3	8.7	9.0	8.3	6.7	4.3	5.3	7.0	6.7	6.3	6.3	5.3	8.0	6.4
KOKOMO II (IS-PR 235)	9.0	5.0	8.3	9.0	8.3	6.3	3.7	5.3	7.0	7.0	6.3	6.7	5.0	7.7	6.4
PROTEGE GLR	7.0	3.7	7.7	8.7	8.0	6.0	2.7	5.3	6.3	6.0	5.7	5.7	7.0	9.0	6.4
PST-217	8.0	4.3	8.0	8.7	8.0	6.0	4.3	5.3	6.7	6.7	6.0	6.3	5.0	9.0	6.4
PST-2AG4	8.3	3.7	8.3	9.0	8.3	6.7	4.7	5.0	7.7	7.3	5.7	5.3	5.0	8.7	6.4
STELLAR GL (IS-PR 236)	8.7	4.3	8.0	8.7	8.7	6.3	2.7	5.0	7.0	7.0	6.3	5.7	6.3	7.7	6.4
ZOOM (LCK)	7.3	4.3	8.7	9.0	8.3	5.3	4.3	6.0	6.0	6.0	5.7	6.0	6.7	8.3	6.4
CABO II (IS-PR 233)	8.7	4.3	8.3	9.0	7.7	5.3	4.3	5.3	7.3	7.0	6.0	5.7	4.7	8.0	6.3
D04-LP05	7.7	3.7	8.3	8.7	8.3	6.7	3.3	6.0	6.3	5.7	7.0	6.3	5.0	8.0	6.3
DERBY XTREME (IS-PR 268)	8.7	4.7	9.0	9.0	8.0	5.3	5.0	5.0	6.7	7.0	6.7	6.3	4.3	8.0	6.3

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	YELLOW PATCH	QUALITY RATINGS							
								APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
GRAY STAR (PST-2LGL)	7.7	3.7	7.7	9.0	9.0	7.3	2.3	5.3	6.0	6.7	6.7	6.3	5.3	8.0	6.3
MONTEREY 3 (JR-408)	7.7	3.3	8.0	8.7	8.7	5.7	3.3	4.0	6.7	6.7	5.7	5.3	7.3	8.7	6.3
OVERDRIVE	7.7	5.0	9.0	9.0	8.7	4.0	5.0	5.7	7.0	6.7	4.7	5.7	6.0	8.7	6.3
PANTHER GLS	7.7	4.7	9.0	9.0	7.7	4.7	4.7	6.3	8.3	6.7	5.0	5.3	4.0	8.3	6.3
PST-2BLK	7.7	4.7	8.7	9.0	8.0	7.0	3.3	4.7	6.7	7.0	6.7	6.0	5.0	8.0	6.3
QUICKSILVER	8.3	4.0	8.0	8.7	8.0	7.3	3.0	5.0	6.3	6.7	6.7	6.0	5.3	8.0	6.3
RNS	8.3	4.7	8.3	9.0	8.0	3.3	4.7	5.3	7.7	6.7	6.3	5.0	5.0	8.3	6.3
WIND DANCE 2 (PWDR)	9.0	3.7	8.7	9.0	7.0	6.3	4.0	5.3	7.0	7.0	6.3	6.3	4.3	7.7	6.3
ASP6005 (AJM)	9.0	5.3	8.3	9.0	7.3	3.7	4.0	5.0	7.3	7.3	4.7	5.7	4.7	8.7	6.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	8.0	3.3	9.0	9.0	8.7	4.3	4.7	4.7	6.7	6.3	5.7	5.7	6.3	8.3	6.2
KEYSTONE 2 (IS-PR 312)	7.3	5.0	8.7	9.0	8.3	7.7	3.7	5.0	6.3	6.3	7.0	6.0	4.3	8.3	6.2
LINE DRIVE GLS (APR 1797)	8.3	5.0	9.0	9.0	7.3	6.0	6.3	5.7	7.3	7.3	6.7	6.7	3.0	6.7	6.2
PM 102	8.7	3.3	8.3	9.0	8.3	5.3	1.3	4.0	7.7	6.3	5.3	5.0	6.3	9.0	6.2
REVENGE GLX (JR-348)	8.0	2.7	9.0	9.0	7.3	4.3	5.0	6.3	7.0	6.3	5.7	6.3	4.3	7.3	6.2
SUNSHINE 2	8.7	4.0	8.0	9.0	7.7	6.0	4.0	5.3	7.3	7.3	6.3	5.3	4.0	8.0	6.2
TRANSFORMER (D04-1667)	7.0	3.7	8.7	9.0	8.7	5.0	3.3	5.3	6.0	6.0	5.3	6.0	6.3	8.0	6.1
FIESTA 4 (PICK F4)	8.3	3.0	9.0	8.7	7.7	6.3	3.7	3.3	7.0	7.0	6.0	5.7	5.7	8.0	6.1
GL-2	8.0	3.3	9.0	9.0	7.7	3.7	4.0	5.3	7.3	6.0	5.3	5.0	5.3	8.3	6.1
HOMERUN (RG3P)	7.7	4.7	9.0	9.0	8.0	4.7	3.3	6.3	6.7	6.7	6.0	6.0	4.0	7.0	6.1
PENTIUM	7.3	3.7	8.3	9.0	9.0	7.0	5.3	5.3	6.0	6.0	6.0	6.0	6.3	7.3	6.1
PIZZAZZ	7.0	5.3	9.0	8.7	7.7	5.3	3.7	5.3	6.7	6.3	5.3	5.0	6.0	8.0	6.1
PRIMARY (IS-PR 269)	7.3	4.7	8.7	9.0	8.3	6.7	4.3	5.0	6.3	6.7	6.0	6.0	4.7	8.0	6.1
PST-2LAN	7.7	4.3	8.0	8.3	8.3	7.0	4.3	5.3	6.3	6.3	6.0	6.0	5.3	7.7	6.1
GRAY FOX (PST-2MNG)	7.3	4.3	8.7	9.0	9.0	5.0	3.3	5.0	6.7	6.0	5.3	5.3	6.3	8.3	6.1
1G SQUARED (APR 1664)	8.0	3.7	9.0	9.0	8.0	5.0	2.0	5.3	7.0	6.0	5.0	5.0	5.3	8.0	6.0
BAR LP 4420	8.7	5.3	8.7	9.0	8.3	3.7	4.7	6.0	7.0	6.7	4.7	4.0	5.0	8.3	6.0
DP 17-9499	8.3	4.7	9.0	9.0	7.3	3.7	5.3	6.3	7.0	6.3	5.3	4.0	4.3	8.7	6.0
MACH I	8.7	5.0	9.0	9.0	7.0	3.7	3.3	5.3	7.7	6.7	4.7	4.3	4.7	8.7	6.0
MMW	8.0	4.7	9.0	9.0	7.0	3.7	5.0	5.0	7.3	6.7	5.3	4.7	4.3	9.0	6.0
BREA (04-BRE)	7.0	4.7	7.7	8.3	8.0	6.3	3.0	4.7	6.0	6.3	6.3	5.7	5.3	7.0	5.9
APPLE GL (AAZ-B104)	8.0	4.0	8.3	8.7	8.3	3.0	4.3	5.0	7.3	6.3	4.7	5.0	5.0	7.7	5.9
CITATION FORE	7.7	4.7	9.0	9.0	8.7	3.7	4.3	5.3	6.0	5.7	5.0	5.7	5.7	7.7	5.9
DEFENDER (D04-UP)	8.3	3.3	9.0	9.0	7.3	6.0	4.0	5.3	6.7	6.7	6.0	5.0	4.0	7.7	5.9
FIREBOLT (PRG HS-01-09)	8.0	4.0	7.7	8.0	8.0	4.3	3.3	5.3	7.3	5.7	4.3	4.3	5.7	8.7	5.9
PIANIST (DP 17-9505)	7.7	4.0	8.7	9.0	7.3	3.7	3.0	4.7	7.3	6.0	5.7	5.0	4.0	8.7	5.9
PICK 02-R	8.7	4.3	8.3	9.0	8.0	4.3	3.0	5.7	7.0	6.7	4.3	5.0	4.7	8.0	5.9
RAD-PR8	7.7	5.7	8.7	8.7	8.3	4.3	3.0	5.3	6.3	6.3	5.0	5.3	5.0	7.7	5.9
SR 4600 (SRX 4SP)	8.3	3.7	8.3	8.7	8.3	2.3	3.3	5.0	7.7	6.3	4.0	4.3	5.3	8.3	5.9
APR 1670	7.7	4.7	8.7	9.0	8.3	6.7	2.3	4.3	6.3	5.7	6.0	5.7	4.7	7.7	5.8
BRIGHTSTAR SLT	8.0	3.7	8.3	8.7	8.7	4.0	3.0	4.3	6.7	6.0	5.0	5.3	5.3	8.0	5.8
DASHER 3 (PICK RB-1)	8.0	4.3	9.0	9.0	7.7	3.7	4.3	5.0	7.3	6.3	4.3	5.0	4.7	8.0	5.8
DELAWARE XL (PICK 01-2)	8.3	3.3	9.0	9.0	6.7	6.3	3.3	4.7	7.3	7.0	5.7	5.0	3.3	7.7	5.8
HEADSTART 2	8.3	4.0	8.7	9.0	7.0	3.7	4.0	6.0	7.7	6.7	4.7	4.0	4.3	7.3	5.8
INSPIRE	7.0	5.0	8.3	9.0	8.0	4.3	2.7	5.0	6.0	6.0	5.3	5.0	5.3	7.7	5.8
PHENOM (APR 1660)	7.7	4.0	8.7	8.7	7.0	5.7	4.0	5.3	6.7	7.0	5.7	5.0	4.0	7.0	5.8
PREMIER II	7.0	4.3	8.7	9.0	7.3	6.7	4.0	5.3	5.7	6.0	5.7	5.7	4.3	7.7	5.8
PS-2	7.3	4.0	9.0	9.0	8.3	4.0	3.3	5.7	6.0	6.3	4.3	4.3	5.3	8.3	5.8

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	YELLOW PATCH	APR	MAY	QUALITY RATINGS					MEAN
										JUN	JUL	AUG	SEP	OCT	
REPELL GLS	8.3	4.0	8.3	9.0	8.0	5.3	3.3	5.3	6.7	5.7	5.0	5.0	5.0	7.7	5.8
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	3.0	8.7	8.7	8.0	5.3	3.0	5.7	6.0	6.0	4.3	5.0	5.0	8.3	5.8
AF	7.0	4.7	9.0	9.0	7.7	4.0	3.0	5.3	6.0	6.0	5.0	4.7	5.0	7.7	5.7
BARLENNIUM	6.3	5.0	7.7	8.3	8.3	5.7	1.3	4.3	5.3	5.7	5.3	5.7	6.3	7.3	5.7
HARRIER (SRX 4UP3)	7.3	3.7	7.7	8.3	8.0	4.7	2.7	5.3	6.0	6.0	5.3	5.0	4.7	7.3	5.7
REGAL 5 (IS-PR 271)	8.3	3.3	7.7	8.7	7.3	4.3	2.7	4.3	7.3	6.0	4.7	5.0	4.3	8.3	5.7
HAWKEYE 2 (SRX 4692)	7.3	3.3	8.3	9.0	8.0	4.3	2.7	3.3	6.0	6.7	4.7	5.0	6.0	8.0	5.7
DCM	7.3	4.7	9.0	9.0	7.7	5.3	3.3	5.3	5.3	6.3	5.0	5.0	4.3	7.7	5.6
LA QUINTA (JR-255)	8.3	2.7	7.3	8.0	8.7	4.7	3.0	4.0	6.3	5.7	4.7	4.7	5.7	8.3	5.6
MANHATTAN 5 GLR (PST-2AM)	7.3	3.7	8.3	9.0	8.7	4.3	4.0	5.3	5.7	6.0	4.3	5.3	4.7	7.7	5.6
CADDIESHACK II (JR-163)	6.7	3.3	7.0	8.7	8.7	4.3	1.7	4.0	6.0	5.3	4.7	4.3	6.0	8.3	5.5
PINNACLE II	7.7	4.7	9.0	9.0	6.3	6.3	3.3	6.0	6.7	6.0	5.7	5.0	3.0	6.3	5.5
SRX 4682	6.0	2.7	7.7	9.0	8.7	5.0	1.7	5.0	5.3	5.0	4.7	5.0	6.0	7.3	5.5
BAR LP 4920	8.3	5.0	8.3	9.0	7.3	2.3	4.0	5.3	7.0	5.7	3.7	4.0	3.7	8.3	5.4
BAR LP 4317	7.3	3.3	8.7	9.0	7.3	4.0	2.7	5.7	6.0	6.0	4.3	5.0	3.7	6.7	5.3
DP 17-9788	7.0	5.3	8.7	9.0	8.0	2.0	3.3	4.7	6.0	5.0	5.3	4.3	4.7	7.3	5.3
PALMER III	6.0	4.7	9.0	9.0	7.7	3.0	3.3	6.3	5.7	5.0	3.0	3.3	5.0	8.7	5.3
PANTHER	5.3	4.3	8.3	8.7	8.0	4.7	3.3	5.3	5.7	5.0	4.0	4.3	5.3	7.7	5.3
GOALKEEPER II (JR-114)	7.0	3.0	8.3	8.7	7.7	4.7	2.7	4.7	6.0	5.3	4.3	4.3	4.3	7.3	5.2
LPR 02203	5.3	4.3	9.0	9.0	8.3	4.0	2.7	5.3	5.0	5.0	4.0	4.3	5.7	7.3	5.2
GALATTI (DP 17-9502)	7.0	3.7	8.0	8.7	8.0	2.7	1.7	5.3	5.7	4.7	3.3	3.3	4.7	7.7	5.0
AFFINITY	5.0	4.0	8.3	8.7	7.3	5.0	3.7	4.3	4.7	4.7	4.0	4.7	5.0	6.7	4.9
PREMIER	4.7	3.3	7.3	8.0	8.7	5.0	3.3	5.3	4.7	4.3	3.7	4.0	5.3	6.0	4.8
PINNACLE	4.7	4.0	8.0	8.3	8.7	3.0	5.3	5.0	5.0	4.0	3.0	3.3	4.7	5.7	4.4
LINN	3.0	3.7	5.3	7.3	6.7	5.0	4.0	4.3	2.3	2.7	2.3	2.3	3.0	3.0	2.9
LSD VALUE	1.2	5.5	1.3	0.8	2.9	3.7	7.5	4.2	1.5	1.4	2.6	2.6	4.5	1.6	1.0
C.V. (%)	9.5	28.6	7.9	4.1	10.8	31.6	47.0	19.9	12.7	12.9	22.8	21.9	27.4	11.0	9.2

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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (TRAFFIC STUDY), NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (TRAFFIC STUDY), NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (TRAFFIC STUDY), NE 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

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

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

TABLE 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS											
	GENETIC COLOR	SPRING GREENUP	RED THREAD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
REGAL 5 (IS-PR 271)	7.3	6.0	6.7	5.7	7.0	8.0	6.0	8.0	7.7	7.3	6.7	7.0
ZOOM (LCK)	6.7	7.0	7.3	6.3	8.3	7.7	5.7	6.7	6.7	8.0	6.3	7.0
AMAZING GS (IS-PR 276)	7.0	6.7	6.0	5.3	7.0	7.7	6.0	7.7	7.7	6.7	6.7	6.8
PALACE (IS-PR 273)	7.3	6.0	7.3	5.7	7.0	7.3	5.7	7.3	7.7	7.0	6.7	6.8
ALLSTAR 3 (IS-PR 274)	8.0	7.0	6.0	5.0	7.7	7.3	5.3	7.0	7.7	7.0	6.7	6.7
ATTRIBUTE (IS-PR 270)	6.3	6.0	5.3	4.7	6.0	6.7	5.7	7.7	7.7	7.0	7.3	6.6
EXACTA II GLSR (LTP-611-GLSR)	8.0	7.0	6.3	6.0	6.0	6.0	6.3	6.0	7.3	8.0	7.3	6.6
REVENGE GLX (JR-348)	6.0	7.0	6.0	5.7	6.3	7.0	5.3	7.3	7.0	7.0	7.3	6.6
HOMERUN (RG3P)	6.0	6.3	6.0	5.3	7.7	6.7	6.0	7.3	6.7	6.0	6.3	6.5
KEYSTONE 2 (IS-PR 312)	5.7	5.7	7.0	5.3	6.7	7.3	6.0	7.3	6.7	6.7	6.0	6.5
DERBY XTREME (IS-PR 268)	7.3	6.0	6.0	5.0	6.7	8.0	5.0	7.0	6.0	6.7	6.7	6.4
APPLE GL (AAZ-B104)	7.7	6.7	7.3	6.0	6.3	6.0	6.3	5.7	6.3	6.7	7.0	6.3
APR 1648	7.0	6.3	6.7	5.7	5.3	6.7	5.7	7.3	7.0	6.3	6.3	6.3
DASHER 3 (PICK RB-1)	7.7	7.0	6.3	5.0	6.7	7.0	5.0	6.7	5.7	7.0	6.3	6.2
1G SQUARED (APR 1664)	6.3	7.0	6.3	5.7	7.0	6.3	5.7	6.3	6.0	6.3	5.7	6.1
GL-2	6.7	7.0	7.0	5.7	7.0	6.3	4.3	6.3	6.7	6.0	6.3	6.1
SR 4600 (SRX 4SP)	6.3	8.0	7.0	6.3	6.0	6.7	6.0	5.7	5.3	6.3	6.3	6.1
ASP6004 (EXS54)	7.0	6.3	6.7	6.0	6.3	7.0	5.7	7.0	6.0	5.3	5.0	6.0
UNO (D04-11T)	6.7	5.3	6.0	5.0	6.3	6.7	4.0	7.3	6.7	5.7	6.7	6.0
GRAND SLAM 2 (PST-2GSM)	5.3	6.0	6.7	5.7	6.0	6.0	6.0	6.7	6.0	5.7	6.0	6.0
KOKOMO II (IS-PR 235)	8.0	6.3	5.3	4.7	5.7	6.7	5.3	6.3	6.0	6.3	6.7	6.0
PALMER IV	8.0	6.0	5.7	5.0	6.0	6.0	5.0	7.0	6.0	6.3	6.3	6.0
PRIMARY (IS-PR 269)	6.7	6.0	7.7	5.7	6.7	7.0	4.7	6.7	5.0	6.3	6.0	6.0
SILVER DOLLAR	6.0	7.0	6.0	5.7	5.3	6.0	5.3	7.0	6.7	5.3	6.3	6.0
AF	6.0	6.3	6.0	5.3	6.0	6.0	4.7	6.3	6.3	6.3	6.0	5.9
FIESTA 4 (PICK F4)	6.7	6.3	6.7	5.3	7.7	5.7	3.7	5.7	7.0	6.0	6.3	5.9
PROTEGE GLR	8.7	5.0	4.3	4.0	5.7	6.3	5.0	6.3	6.3	7.0	6.7	5.9
HAWKEYE 2 (SRX 4692)	5.3	6.7	7.0	5.0	5.0	6.3	6.3	6.3	7.0	5.7	5.7	5.9
APR 1670	5.0	6.3	7.0	5.7	6.0	5.7	5.7	6.3	5.7	5.0	6.0	5.8
ASP6003 (TRS)	5.3	6.3	7.3	6.0	7.0	6.3	4.7	6.7	5.3	5.0	5.0	5.8
ASP6006 (LPFG)	6.7	5.7	6.7	5.3	6.3	6.0	5.0	6.3	6.0	6.0	5.7	5.8
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	6.3	6.0	5.0	5.3	6.3	6.0	5.7	6.3	5.7	5.7	5.8
DART (APR 1663)	5.3	7.0	6.3	5.0	4.7	6.3	5.3	6.7	6.3	6.0	5.7	5.8
DCM	6.0	5.7	7.3	5.0	7.0	6.3	5.7	6.0	6.0	5.0	5.7	5.8
PST-2AG4	6.7	6.7	7.3	5.7	5.7	6.0	5.7	6.3	5.3	6.3	5.7	5.8
RNS	6.0	5.7	6.7	4.7	6.7	5.7	4.0	6.7	6.7	6.0	6.0	5.8
CALYPSO 3 (MS2)	5.3	6.0	7.0	6.3	7.0	7.0	4.7	5.7	5.3	4.7	4.7	5.7
TRANSFORMER (D04-1667)	5.0	5.7	5.3	4.3	6.0	6.0	5.0	6.3	6.3	4.7	6.7	5.7
DEFENDER (D04-UP)	6.3	6.3	7.7	5.0	6.3	6.3	4.3	6.3	5.7	5.3	6.3	5.7
DP1	6.3	6.7	6.3	4.7	6.0	7.0	4.7	6.7	5.7	5.0	6.0	5.7
FUSION	7.3	6.3	4.7	5.0	5.0	5.7	6.7	6.7	5.0	5.7	5.7	5.7
PLEASURE SUPREME (PM 103)	6.0	6.3	7.3	5.7	5.7	5.3	5.3	6.3	6.7	5.3	5.0	5.7
SECRETARIAT II GLSR (LTP-101-GLSR)	4.3	6.7	6.3	5.0	6.0	6.7	6.3	5.3	5.3	5.3	5.7	5.7
BUENA VISTA	5.7	5.3	6.0	5.0	6.0	6.3	5.7	5.7	4.7	5.3	6.0	5.6
DELAWARE XL (PICK 01-2)	5.7	4.3	5.7	5.3	5.7	6.3	5.3	6.0	6.7	4.7	5.0	5.6
FIJI (GPR)	6.3	4.0	5.3	5.0	5.7	7.3	5.7	6.0	5.3	4.7	5.3	5.6
GRAY STAR (PST-2LGL)	5.3	5.0	6.0	4.7	5.3	6.7	6.3	6.0	5.3	5.0	5.3	5.6

TABLE 14. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS											
	GENETIC COLOR	SPRING GREENUP	RED THREAD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PANTHER GLS	5.0	6.7	6.7	4.7	5.0	6.3	6.0	5.7	6.0	5.0	6.3	5.6
BREA (04-BRE)	5.3	5.3	7.0	5.3	7.0	6.3	5.3	6.0	4.7	5.0	4.3	5.5
ASP6002 (BPR)	5.3	5.0	5.3	5.7	6.3	6.0	5.0	6.3	5.3	4.3	5.3	5.5
EDGE II (AC2)	5.3	4.7	7.3	5.3	7.0	7.0	4.7	5.7	4.7	4.7	5.3	5.5
HARRIER (SRX 4UP3)	5.7	6.0	7.0	5.0	6.3	6.3	4.7	6.0	5.3	5.0	5.0	5.5
LINE DRIVE GLS (APR 1797)	4.7	5.3	6.0	4.7	5.0	6.0	4.7	5.7	6.0	5.3	6.3	5.5
MANHATTAN 5 GLR (PST-2AM)	5.0	6.0	7.0	5.0	5.3	6.3	5.3	6.0	5.0	5.3	6.0	5.5
OVERDRIVE	4.7	7.0	6.7	5.0	5.7	6.7	4.7	6.3	5.7	5.0	5.3	5.5
PARAGON GLR	6.7	7.0	6.7	6.3	6.3	5.3	3.7	5.7	5.3	5.3	6.3	5.5
GRAY FOX (PST-2MNG)	5.7	6.7	7.0	5.0	5.0	6.0	5.3	6.3	6.0	5.0	5.7	5.5
PST-2LAN	4.7	5.3	6.3	3.7	5.7	6.0	6.3	5.0	5.7	5.7	5.0	5.4
TOP GUN II (JR-324)	4.3	4.3	4.7	5.0	5.3	5.7	5.3	6.3	5.3	5.0	5.0	5.4
WIND DANCE 2 (PWDR)	5.7	5.0	5.3	5.3	5.0	5.3	4.7	6.3	6.0	5.3	5.3	5.4
RINGER II (04-BEN)	3.7	6.0	7.7	5.7	5.7	6.0	5.3	5.7	4.7	4.3	5.0	5.3
E-99	5.0	5.3	5.7	4.0	4.7	5.0	6.0	6.3	6.0	5.0	5.7	5.3
GALATTI (DP 17-9502)	5.0	6.0	7.3	6.3	6.3	5.7	3.3	5.3	5.7	4.7	4.7	5.3
MMW	7.3	6.0	4.3	4.0	5.3	6.3	4.7	5.3	5.7	5.3	6.0	5.3
PST-2BLK	4.3	6.3	6.3	5.0	5.3	6.0	5.3	5.7	5.0	5.0	5.0	5.3
REPELL GLS	4.3	6.3	7.0	5.3	5.7	5.7	4.7	6.0	5.3	4.3	5.7	5.3
PENTIUM	3.3	6.0	6.0	4.7	4.7	4.7	7.0	6.0	6.3	4.0	4.3	5.2
ASP6005 (AJM)	6.0	5.7	6.7	5.3	5.3	5.0	4.3	6.0	5.7	4.3	5.0	5.1
CABO II (IS-PR 233)	7.7	5.0	6.7	5.3	6.3	6.7	5.7	5.0	3.3	3.7	4.7	5.1
CUTTER II (PM 101)	6.0	4.7	4.7	4.7	4.0	5.0	4.7	5.7	6.0	5.7	5.0	5.1
PRESIDIO (CNV)	6.0	5.7	4.7	4.3	5.3	5.7	4.3	6.0	5.3	4.7	5.3	5.1
QUICKSILVER	6.3	3.7	5.7	4.7	5.7	5.0	5.7	5.7	4.7	4.7	4.7	5.1
SRX 4682	3.3	5.3	5.7	4.3	5.3	6.0	5.7	5.7	5.3	4.3	4.0	5.1
ACCENT II (JR-119)	3.3	5.0	5.0	4.7	4.7	5.3	5.3	6.3	5.3	4.3	4.0	5.0
D04-LP05	4.7	4.7	6.7	4.7	5.3	5.3	5.3	5.0	6.0	4.0	4.0	5.0
ES45	6.7	5.0	4.3	4.7	4.3	5.3	4.3	5.7	5.7	4.3	5.3	5.0
FIREBOLT (PRG HS-01-09)	5.7	5.3	6.7	5.3	5.3	5.0	5.7	5.3	4.7	4.3	4.0	5.0
MACH I	5.0	6.0	5.7	4.7	5.0	4.0	3.7	5.7	6.7	5.0	5.0	5.0
NEXUS XD (SP4)	5.7	5.0	6.3	5.7	6.3	6.3	3.3	5.7	4.7	4.0	4.3	5.0
PHENOM (APR 1660)	4.3	6.3	6.7	5.3	5.3	5.7	4.3	5.0	5.0	5.0	4.7	5.0
PINNACLE II	5.3	7.3	5.7	5.3	4.7	5.3	3.7	5.0	6.0	5.0	4.7	5.0
PST-217	5.0	5.3	5.3	5.0	5.0	5.0	4.7	5.0	5.0	5.0	5.3	5.0
MAJESTY II (VB77)	5.0	6.0	7.0	5.7	6.0	5.3	4.7	5.3	4.3	3.7	5.0	5.0
HALO (KN42)	5.3	4.7	4.7	5.0	5.0	4.7	4.3	5.3	5.0	4.7	5.3	4.9
L44	5.7	5.3	5.3	5.7	5.0	5.0	5.0	5.0	4.3	4.3	5.0	4.9
ASP6001 (RTS)	5.3	5.3	5.0	5.0	5.0	5.0	4.0	6.0	5.0	4.0	4.7	4.8
CITATION FORE	4.0	5.7	7.0	4.7	5.0	5.0	4.3	5.7	5.0	4.3	4.3	4.8
INSPIRE	3.7	5.7	7.3	4.7	4.7	4.7	5.3	5.3	6.0	3.7	4.0	4.8
PIZZAZZ	5.7	6.0	7.7	5.7	4.7	4.7	4.3	4.7	4.3	4.7	5.0	4.8
STELLAR GL (IS-PR 236)	7.7	5.0	6.0	4.7	4.7	4.7	4.3	5.3	4.3	4.7	6.0	4.8
BAR LP 4420	5.0	4.0	5.0	4.7	5.0	5.3	4.7	5.0	4.7	4.3	3.7	4.7
DP 17-9499	5.0	6.0	7.0	5.3	5.0	4.7	3.7	4.7	4.7	4.0	5.7	4.7
HEADSTART 2	5.0	4.3	6.3	5.0	5.3	5.0	3.7	5.0	4.0	4.3	5.0	4.7
NEXUS XR (SNR)	6.0	5.3	5.7	5.0	6.0	5.0	3.0	5.3	4.0	4.3	4.0	4.6

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	RED THREAD	QUALITY RATINGS								MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PICK 02-R	4.7	3.3	4.7	4.3	5.3	4.3	3.3	5.0	5.0	4.7	4.7	4.6
PS-2	3.7	3.7	6.0	4.3	5.0	4.7	5.0	5.7	4.7	3.7	4.0	4.6
RAD-PR8	4.0	5.7	5.3	4.7	4.0	5.3	3.3	5.3	6.0	4.0	4.3	4.6
TR47	6.7	5.0	6.0	5.0	4.3	4.3	4.3	5.3	4.7	4.3	4.7	4.6
CADDIESHACK II (JR-163)	3.7	3.0	6.3	6.0	5.7	4.0	3.7	4.7	4.3	4.0	3.7	4.5
PIANIST (DP 17-9505)	4.7	5.0	6.7	5.0	5.3	5.0	4.0	4.0	4.7	4.3	4.0	4.5
PM 102	5.3	4.7	6.0	5.0	4.7	5.3	3.3	5.0	5.0	4.0	3.7	4.5
BRIGHTSTAR SLT	4.0	5.3	6.3	4.3	4.3	4.0	4.3	5.7	5.3	3.3	4.0	4.4
PALMER III	3.7	5.3	6.0	4.7	3.7	4.3	4.7	4.3	5.3	4.0	4.3	4.4
VB99	5.7	4.7	6.3	5.7	5.7	5.0	3.0	4.3	3.7	3.7	4.3	4.4
BAR LP 4317	3.3	4.7	6.0	4.7	5.0	4.0	4.3	4.7	4.3	4.0	3.7	4.3
BARLENNIUM	3.3	4.0	6.0	3.7	3.7	4.3	5.0	5.7	5.0	3.3	3.7	4.3
LA QUINTA (JR-255)	4.7	5.3	5.7	5.0	3.7	4.0	3.7	5.0	4.3	4.3	4.7	4.3
BAR LP 4920	3.7	5.3	6.0	4.3	3.7	4.3	3.3	5.3	5.0	3.3	4.3	4.2
GOALKEEPER II (JR-114)	3.0	3.3	5.7	4.7	4.7	4.0	3.7	5.0	4.3	3.3	3.7	4.2
MONTEREY 3 (JR-408)	3.0	4.0	4.0	3.3	4.3	5.0	3.3	5.3	5.0	3.7	3.3	4.2
SUNSHINE 2	4.7	2.7	6.0	4.0	4.3	4.3	4.0	4.0	4.0	4.0	4.0	4.1
DP 17-9788	2.3	5.3	5.7	4.0	4.0	3.7	4.0	4.7	4.7	3.3	3.3	4.0
PREMIER II	3.7	6.3	7.0	4.7	3.3	3.7	3.7	4.3	4.0	3.7	4.0	3.9
PANTHER	2.0	6.0	8.0	4.3	3.3	3.3	4.0	5.0	4.7	2.7	3.3	3.8
PREMIER	2.0	6.0	8.3	3.0	2.0	3.3	5.0	4.3	4.0	2.7	3.3	3.5
AFFINITY	1.7	6.7	8.0	3.3	2.0	3.0	4.7	3.3	3.7	3.0	3.7	3.3
PINNACLE	1.7	7.7	8.3	2.7	1.7	2.0	3.7	4.0	3.3	2.7	3.3	2.9
LPR 02203	1.3	6.0	6.0	3.7	2.3	3.0	3.7	3.3	3.0	1.7	2.0	2.8
LINN	1.0	5.7	7.7	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
LSD VALUE	1.7	1.5	3.8	2.1	2.1	2.1	2.4	1.7	1.7	1.7	1.2	1.0
C.V. (%)	20.2	15.7	21.4	19.6	22.7	21.3	24.7	16.8	18.7	21.5	14.5	12.6

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 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS								MEAN
	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	
PANTHER GLS	5.3	5.3	4.7	4.0	4.3	3.3	3.3	3.3	4.0
APPLE GL (AAZ-B104)	5.0	5.0	4.3	4.0	4.0	3.7	3.0	3.0	3.9
CABO II (IS-PR 233)	5.0	5.0	4.3	4.0	3.7	3.3	3.7	3.0	3.9
CADDIESHACK II (JR-163)	4.3	4.3	4.3	4.0	3.7	3.7	3.7	3.3	3.9
DERBY XTREME (IS-PR 268)	5.0	5.0	4.3	3.7	3.3	3.7	3.7	3.7	3.9
HARRIER (SRX 4UP3)	4.3	4.3	4.0	3.7	4.0	3.3	4.0	4.0	3.9
HOMERUN (RG3P)	5.3	5.0	3.3	4.0	4.0	3.3	4.0	3.7	3.9
MACH I	5.3	5.0	4.3	3.3	3.7	3.0	3.7	4.0	3.9
MANHATTAN 5 GLR (PST-2AM)	5.0	5.0	4.7	3.7	3.3	3.7	3.7	3.3	3.9
1G SQUARED (APR 1664)	4.7	4.7	4.0	3.3	4.0	3.7	3.3	3.7	3.8
AMAZING GS (IS-PR 276)	4.3	4.3	5.0	4.0	3.0	3.7	3.0	3.7	3.8
ASP6005 (AJM)	4.7	4.7	5.3	3.3	3.3	3.3	3.3	3.3	3.8
ASP6006 (LPFG)	5.0	5.0	4.0	4.0	3.7	3.3	3.3	3.3	3.8
CALYPSO 3 (MS2)	4.7	4.3	4.0	3.7	3.7	3.7	4.0	3.3	3.8
UNO (D04-11T)	5.0	5.0	4.3	3.0	3.3	4.0	3.3	3.7	3.8
DP1	4.0	4.0	4.7	3.7	3.7	2.7	4.0	3.7	3.8
GL-2	5.0	5.0	4.7	3.3	3.0	3.7	3.3	3.3	3.8
HEADSTART 2	5.0	5.0	3.0	4.0	4.0	3.7	3.3	3.3	3.8
LA QUINTA (JR-255)	4.3	4.0	5.0	3.7	3.7	3.7	3.3	3.3	3.8
LINE DRIVE GLS (APR 1797)	5.3	5.0	4.7	3.3	3.3	3.0	3.3	3.7	3.8
PST-2LAN	4.3	4.3	3.7	4.0	3.3	3.7	3.7	3.7	3.8
GRAY FOX (PST-2MNG)	4.7	4.7	4.3	4.3	3.3	3.3	3.3	3.0	3.8
REPELL GLS	4.7	4.3	5.0	3.7	3.0	4.0	3.3	3.0	3.8
SR 4600 (SRX 4SP)	5.0	4.7	4.0	3.7	3.7	3.3	3.7	3.3	3.8
TOP GUN II (JR-324)	5.0	4.7	4.3	3.3	3.3	3.3	3.7	3.7	3.8
MAJESTY II (VB77)	5.0	4.7	3.7	3.7	3.7	3.7	3.0	4.0	3.8
VB99	4.3	4.3	4.0	4.0	3.3	3.7	3.7	3.7	3.8
BREA (04-BRE)	4.7	4.0	4.3	3.7	3.7	3.3	3.3	3.7	3.7
ASP6002 (BPR)	4.7	4.3	4.7	3.7	3.0	3.3	3.3	3.3	3.7
ASP6003 (TRS)	5.0	4.3	4.3	3.7	3.7	3.3	3.0	3.3	3.7
ASP6004 (EXS54)	4.7	4.7	4.3	3.7	3.7	3.3	3.0	3.0	3.7
BAR LP 4317	5.0	4.7	4.0	3.7	3.0	3.3	3.3	3.7	3.7
BRIGHTSTAR SLT	4.7	4.7	3.3	4.0	3.7	3.7	3.0	3.3	3.7
CUTTER II (PM 101)	5.0	4.3	4.0	3.3	4.0	3.3	3.3	3.3	3.7
TRANSFORMER (D04-1667)	4.7	4.7	4.0	4.0	3.7	3.0	3.3	3.0	3.7
FIESTA 4 (PICK F4)	4.7	4.7	3.7	3.7	3.7	3.3	3.7	3.3	3.7
FIREBOLT (PRG HS-01-09)	4.7	4.7	3.7	4.0	3.3	3.7	2.7	3.7	3.7
FUSION	5.0	4.7	4.3	3.7	3.7	3.0	3.7	3.0	3.7
KOKOMO II (IS-PR 235)	4.3	4.3	4.3	4.3	3.3	3.3	3.0	3.0	3.7
MONTEREY 3 (JR-408)	4.7	4.7	4.7	3.7	3.0	3.0	3.7	3.3	3.7
OVERDRIVE	4.7	4.7	4.3	4.0	3.7	3.0	3.0	3.0	3.7
PLEASURE SUPREME (PM 103)	5.0	5.0	3.3	3.3	3.3	3.7	3.7	3.3	3.7
PRIMARY (IS-PR 269)	4.7	4.7	3.7	4.0	3.0	3.7	3.7	3.0	3.7
PROTEGE GLR	5.0	4.7	4.0	3.7	4.0	3.7	2.7	3.3	3.7
PS-2	4.7	4.7	3.3	3.7	3.7	3.7	3.3	3.3	3.7
PST-217	5.3	5.3	3.3	3.0	3.7	3.0	3.3	4.0	3.7
RNS	4.7	4.7	3.7	4.3	3.7	3.0	3.3	3.3	3.7

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS								
	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ZOOM (LCK)	4.7	4.3	4.7	3.7	3.3	3.0	3.3	3.3	3.7
RINGER II (04-BEN)	4.7	4.7	3.3	3.3	3.3	3.3	3.7	3.3	3.6
APR 1670	4.7	4.3	4.0	3.7	3.3	3.3	3.0	3.3	3.6
ASP6001 (RTS)	4.7	4.7	4.0	3.7	2.7	3.3	3.0	3.7	3.6
ATTRIBUTE (IS-PR 270)	5.0	4.7	3.7	4.0	3.7	2.7	3.0	3.3	3.6
BUENA VISTA	5.0	4.7	4.0	3.7	3.7	3.0	3.0	3.3	3.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	5.0	3.3	3.3	4.0	3.0	3.0	3.7	3.6
CITATION FORE	4.0	4.0	4.0	3.7	3.7	3.0	3.0	4.0	3.6
D04-LP05	3.7	3.7	3.7	3.7	4.0	3.0	3.7	3.3	3.6
DEFENDER (D04-UP)	4.7	4.0	4.7	3.3	3.0	3.3	4.0	3.0	3.6
DART (APR 1663)	4.7	4.3	3.7	4.0	3.3	3.3	3.3	3.3	3.6
DASHER 3 (PICK RB-1)	4.3	4.3	4.3	3.7	3.7	3.0	3.0	3.3	3.6
EXACTA II GLSR (LTP-611-GLSR)	4.3	4.3	3.7	3.7	4.0	3.0	3.0	3.3	3.6
GALATTI (DP 17-9502)	5.3	5.3	4.0	3.3	2.7	3.3	3.3	3.3	3.6
GOALKEEPER II (JR-114)	4.7	4.3	3.3	4.0	3.7	3.7	3.0	3.0	3.6
GRAND SLAM 2 (PST-2GSM)	4.3	4.3	3.7	4.0	3.3	3.0	3.7	3.3	3.6
GRAY STAR (PST-2LGL)	4.3	4.3	4.7	3.3	3.3	3.0	3.3	3.3	3.6
HALO (KN42)	4.0	4.0	4.0	3.7	3.7	3.3	3.0	3.3	3.6
KEYSTONE 2 (IS-PR 312)	5.0	5.0	3.7	3.7	3.0	3.3	3.3	3.3	3.6
PALMER IV	4.7	4.7	3.7	3.0	3.3	3.7	3.3	3.7	3.6
PENTIUM	4.3	4.3	4.3	4.0	3.0	3.0	3.0	3.3	3.6
PHENOM (APR 1660)	4.3	4.3	4.3	3.0	3.3	3.7	3.7	3.0	3.6
PM 102	4.3	4.3	3.7	3.3	3.7	3.3	3.7	3.3	3.6
PREMIER II	4.0	4.0	3.7	3.7	4.0	3.0	3.0	3.7	3.6
PST-2AG4	4.7	4.3	4.3	3.3	3.3	3.3	3.0	3.3	3.6
PST-2BLK	4.7	4.7	3.3	3.7	3.3	3.3	3.3	3.3	3.6
RAD-PR8	4.0	4.0	3.7	4.0	3.7	3.0	3.3	3.3	3.6
SILVER DOLLAR	5.0	4.7	3.7	3.7	3.3	3.3	3.0	3.7	3.6
SRX 4682	4.3	4.0	3.7	3.7	3.7	3.7	3.3	3.3	3.6
HAWKEYE 2 (SRX 4692)	4.0	4.0	5.0	3.3	3.3	3.0	3.0	3.3	3.6
SUNSHINE 2	4.0	4.0	3.7	4.0	3.7	3.3	3.3	3.0	3.6
ACCENT II (JR-119)	4.7	4.3	4.0	3.7	3.3	3.0	3.0	3.0	3.5
AF	4.3	4.3	3.7	3.3	3.3	3.3	3.0	3.7	3.5
APR 1648	5.0	5.0	3.7	3.0	3.3	3.0	3.3	3.0	3.5
BARLENNIUM	4.7	4.0	3.7	3.7	3.3	3.3	3.3	3.3	3.5
DELAWARE XL (PICK 01-2)	4.0	4.0	4.3	3.3	3.3	3.3	3.0	3.0	3.5
DP 17-9788	4.3	4.3	3.7	3.7	3.0	3.3	3.0	3.7	3.5
E-99	4.7	4.3	3.0	3.7	3.3	3.7	3.0	3.3	3.5
FIJI (GPR)	4.3	4.3	3.7	3.7	3.7	3.0	3.3	3.0	3.5
INSPIRE	4.7	4.7	3.7	3.3	3.3	3.0	3.3	3.3	3.5
L44	4.0	4.0	4.0	3.7	3.3	3.0	3.0	3.7	3.5
LPR 02203	4.3	4.3	3.7	3.7	3.0	3.3	3.0	3.3	3.5
MMW	4.3	4.3	3.7	4.0	3.0	3.3	3.0	3.3	3.5
NEXUS XD (SP4)	4.3	4.0	3.7	3.7	3.0	3.7	3.3	3.3	3.5
PALACE (IS-PR 273)	4.3	4.3	3.7	3.7	3.0	3.0	3.3	3.3	3.5
PALMER III	3.7	3.7	3.7	4.0	3.0	3.3	4.0	3.0	3.5
PARAGON GLR	4.0	4.0	3.3	3.7	3.7	3.3	3.0	3.3	3.5

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	QUALITY RATINGS							
	GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PIANIST (DP 17-9505)	4.3	4.3	4.0	3.7	3.3	3.3	3.0	3.0	3.5
QUICKSILVER	4.7	4.7	2.7	3.7	3.0	3.7	3.7	3.0	3.5
REVENGE GLX (JR-348)	4.3	4.3	4.0	3.3	3.7	3.0	3.0	3.3	3.5
SECRETARIAT II GLSR (LTP-101-GLSR)	4.7	4.7	3.0	3.3	3.0	3.7	3.3	3.7	3.5
STELLAR GL (IS-PR 236)	4.0	4.0	4.0	3.7	3.0	3.0	3.7	3.0	3.5
TR47	4.7	4.7	3.3	4.0	3.7	3.0	3.0	3.0	3.5
WIND DANCE 2 (PWDR)	4.0	4.0	4.7	3.3	2.7	3.0	3.7	3.0	3.5
AFFINITY	4.0	3.7	3.7	3.7	3.0	3.3	3.3	3.0	3.4
ALLSTAR 3 (IS-PR 274)	4.7	4.3	4.0	3.3	2.7	3.0	3.3	3.0	3.4
BAR LP 4420	4.3	4.3	3.3	3.7	2.7	3.3	3.0	3.3	3.4
DP 17-9499	4.3	4.3	3.7	3.0	3.0	3.7	3.0	3.3	3.4
EDGE II (AC2)	4.7	4.3	3.7	3.3	3.0	3.7	3.0	3.0	3.4
ES45	4.3	4.3	2.7	4.0	3.0	3.0	3.3	3.7	3.4
LINN	3.7	3.3	4.3	2.7	3.0	3.3	3.3	3.7	3.4
NEXUS XR (SNR)	4.7	4.3	3.3	3.3	3.3	3.0	3.3	3.3	3.4
PANTHER	4.3	4.0	3.7	3.0	3.3	3.0	3.7	3.0	3.4
PICK 02-R	4.3	4.3	3.7	3.3	3.3	3.0	3.3	3.0	3.4
PINNACLE II	4.3	3.7	3.7	3.7	3.3	3.3	3.0	3.3	3.4
PIZZAZZ	4.7	4.7	3.3	3.7	3.3	3.0	3.0	3.0	3.4
PRESIDIO (CNV)	4.3	4.0	3.7	4.0	3.3	3.0	3.0	3.0	3.4
REGAL 5 (IS-PR 271)	4.0	3.7	4.3	3.3	3.0	3.3	3.0	3.0	3.4
BAR LP 4920	4.3	4.0	3.3	3.0	3.3	3.0	3.0	3.3	3.3
DCM	4.3	4.0	3.0	3.3	3.3	3.3	3.0	3.0	3.3
PINNACLE	4.0	3.3	2.7	3.7	3.3	3.0	3.7	3.3	3.3
PREMIER	4.0	4.0	2.7	3.0	2.7	3.0	3.3	3.7	3.2
LSD VALUE	1.3	1.3	2.4	1.8	2.3	2.3	1.3	2.5	0.8
C.V. (%)	11.7	12.3	20.6	14.1	17.2	15.0	13.6	14.8	6.7

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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

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

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

TABLE 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	PERCENT	PERCENT	PERCENT	WINTER	STEM	DOLLAR	QUALITY RATINGS									MEAN
	GREENUP	COVER	COVER	COVER				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MMW	4.3	85.0	78.3	41.7	4.3	7.3	9.0	5.0	5.0	5.0	4.7	3.3	3.0	2.3	2.0	2.0	3.6
PST-2LAN	4.0	95.7	73.3	33.3	3.3	5.0	8.3	5.3	6.3	5.7	4.7	3.0	2.3	1.0	1.7	1.7	3.5
AF	4.3	84.0	71.7	29.3	4.3	7.0	5.0	4.7	4.7	4.3	4.3	2.7	2.3	2.3	2.7	2.7	3.4
MANHATTAN 5 GLR (PST-2AM)	4.3	90.7	70.0	24.0	3.3	7.3	8.0	5.3	5.3	5.7	4.0	3.0	2.3	1.7	1.7	1.7	3.4
PST-2AG4	4.0	90.0	66.7	20.7	4.3	7.3	6.3	4.7	5.0	5.0	3.3	2.7	2.7	2.0	2.7	2.7	3.4
REVENGE GLX (JR-348)	4.7	75.0	68.3	20.7	4.7	7.0	5.7	4.7	4.7	4.3	4.3	2.7	2.3	2.3	2.7	2.7	3.4
SRX 4682	4.0	85.7	60.0	20.0	3.7	5.3	5.0	4.7	4.7	4.0	3.7	2.7	2.3	2.3	3.0	3.0	3.4
D04-LP05	4.3	92.3	65.0	18.3	4.3	6.7	5.7	5.0	5.0	4.7	4.0	3.0	2.3	1.7	2.0	2.0	3.3
E-99	4.3	86.7	78.3	25.0	4.0	7.0	8.3	4.3	5.0	5.0	4.7	3.0	1.7	1.7	2.0	2.0	3.3
LINE DRIVE GLS (APR 1797)	3.7	89.0	66.7	21.0	3.7	5.3	5.0	5.0	5.0	5.0	4.0	2.7	2.0	2.0	2.0	2.0	3.3
PRIMARY (IS-PR 269)	4.0	83.3	55.0	12.3	4.0	6.7	7.7	4.3	5.0	5.0	3.7	2.3	2.3	2.7	2.3	2.3	3.3
GRAY FOX (PST-2MNG)	4.0	91.7	66.7	16.7	4.0	6.0	7.3	4.7	5.3	5.3	4.0	2.7	2.0	1.7	2.0	2.0	3.3
ALLSTAR 3 (IS-PR 274)	4.7	85.0	78.3	25.0	4.7	7.3	8.0	4.0	4.7	5.0	4.3	3.0	2.0	2.0	2.0	2.0	3.2
BAR LP 4317	4.0	82.7	65.0	16.7	4.0	5.3	8.0	4.7	4.7	5.0	3.3	3.0	2.0	1.7	2.3	2.3	3.2
UNO (D04-11T)	5.0	73.3	70.0	23.3	5.0	6.7	7.3	4.0	4.7	4.7	4.0	3.0	2.0	2.0	2.3	2.3	3.2
QUICKSILVER	3.3	91.7	61.7	14.0	4.0	7.3	7.7	5.3	6.0	5.7	3.7	2.3	1.7	1.3	1.3	1.3	3.2
SECRETARIAT II GLSR (LTP-101-GLSR)	3.7	90.0	70.0	13.3	3.3	6.0	7.7	4.3	5.0	5.0	4.0	2.7	2.3	1.7	2.0	2.0	3.2
1G SQUARED (APR 1664)	4.0	88.3	71.7	15.7	4.0	6.0	8.3	5.0	5.3	5.0	4.0	2.7	1.7	1.3	1.3	1.3	3.1
AMAZING GS (IS-PR 276)	5.0	82.3	70.0	15.0	4.7	7.0	8.0	4.7	4.3	4.7	4.3	2.7	2.0	1.7	2.0	2.0	3.1
BUENA VISTA	3.7	84.3	71.7	16.7	4.7	6.7	5.7	4.3	4.7	4.3	4.3	2.3	1.7	1.7	2.3	2.3	3.1
CITATION FORE	4.3	87.3	68.3	13.7	4.7	5.7	6.3	4.3	4.7	5.0	4.0	2.3	2.0	2.0	2.0	2.0	3.1
TRANSFORMER (D04-1667)	3.7	82.3	65.0	20.0	3.7	6.3	5.0	4.0	4.3	4.0	3.7	2.7	2.7	2.0	2.0	2.0	3.1
DEFENDER (D04-UP)	4.3	89.3	71.7	20.7	4.0	7.3	4.0	5.0	5.0	4.3	3.7	2.7	1.7	1.7	2.0	2.0	3.1
EXACTA II GLSR (LTP-611-GLSR)	5.0	68.3	76.7	20.0	5.0	7.7	8.0	4.0	4.0	4.3	4.7	2.7	2.0	2.0	2.3	2.3	3.1
GRAND SLAM 2 (PST-2GSM)	4.7	88.3	68.3	17.3	4.0	5.7	8.3	4.7	4.7	4.7	4.3	2.3	2.0	1.7	1.7	1.7	3.1
PENTIUM	4.0	89.0	75.0	8.7	4.0	6.0	8.3	4.7	5.3	4.7	4.0	2.3	1.7	1.7	1.7	1.7	3.1
PST-2BLK	4.3	90.0	63.3	16.7	4.3	6.3	9.0	5.3	5.0	5.3	3.3	2.7	2.0	1.3	1.7	1.7	3.1
RINGER II (04-BEN)	4.0	86.7	70.0	11.7	4.0	5.0	6.3	5.0	4.7	4.0	4.0	2.7	1.7	1.7	1.7	1.7	3.0
APR 1648	4.7	84.0	78.3	9.0	4.7	8.0	9.0	4.7	4.7	5.0	4.7	2.3	1.3	1.3	1.3	1.3	3.0
APR 1670	4.3	84.3	56.7	13.3	4.0	6.3	8.0	4.7	5.0	4.7	3.3	2.3	2.0	2.0	1.7	1.7	3.0
ATTRIBUTE (IS-PR 270)	4.3	80.0	66.7	13.3	4.3	7.3	6.7	4.0	4.3	5.0	3.7	2.3	1.7	1.7	2.0	2.0	3.0
DERBY XTREME (IS-PR 268)	4.3	88.3	65.0	15.7	4.7	6.0	7.0	5.0	5.0	5.0	3.3	2.3	1.7	1.7	1.7	1.7	3.0
FIESTA 4 (PICK F4)	4.7	80.0	61.7	14.0	4.7	6.3	6.7	5.0	4.7	4.3	3.7	2.3	2.0	1.7	1.7	1.7	3.0
GL-2	4.0	86.7	61.7	13.3	4.3	6.7	6.7	4.7	5.3	4.3	3.3	2.7	1.7	1.7	1.7	1.7	3.0
GRAY STAR (PST-2LGL)	4.0	91.0	68.3	15.7	4.0	7.7	8.0	5.0	5.0	5.3	4.0	2.0	1.7	1.3	1.3	1.3	3.0
PINNACLE II	4.0	90.0	61.7	10.0	4.0	6.0	5.7	5.0	5.0	4.7	3.7	2.0	1.7	1.7	1.7	1.7	3.0
RAD-PR8	4.0	86.7	61.7	11.0	4.0	5.0	6.3	4.7	4.7	4.3	3.7	2.3	1.3	1.7	2.0	2.0	3.0
REPELL GLS	4.0	88.3	66.7	11.3	4.0	6.3	5.3	4.7	4.7	5.0	3.7	2.0	2.0	1.7	1.7	1.7	3.0
RNS	4.0	80.0	65.0	8.0	5.0	7.3	6.0	4.3	4.7	5.0	3.7	2.0	1.7	2.0	2.0	2.0	3.0
SILVER DOLLAR	5.0	87.3	60.0	15.0	4.7	5.7	7.3	4.3	5.0	5.0	3.3	2.0	2.0	1.7	1.7	1.7	3.0
TOP GUN II (JR-324)	4.3	84.3	58.3	6.7	4.0	5.3	7.3	4.7	4.7	5.0	3.3	2.3	1.3	1.7	2.0	2.0	3.0
ZOOM (LCK)	4.3	85.7	68.3	14.0	4.3	7.7	7.3	5.3	5.0	5.3	4.0	2.3	1.3	1.3	1.3	1.3	3.0
BRIGHTSTAR SLT	4.0	84.3	71.7	5.3	4.3	5.3	7.0	4.7	5.0	4.7	4.0	1.7	1.3	1.3	1.7	1.7	2.9
CADDIESHACK II (JR-163)	4.0	88.3	63.3	9.7	3.3	6.3	7.3	5.0	5.0	4.7	3.7	2.3	1.3	1.3	1.3	1.3	2.9
DASHER 3 (PICK RB-1)	4.7	85.7	65.0	16.7	4.7	6.3	8.0	5.0	4.7	4.7	3.7	2.3	1.7	1.0	1.3	1.3	2.9
DELAWARE XL (PICK 01-2)	4.3	77.3	60.0	6.0	4.3	6.7	6.3	4.7	5.3	5.0	3.7	1.7	1.3	1.3	1.7	1.7	2.9
HALO (KN42)	4.7	87.7	66.7	10.0	4.3	6.3	8.0	4.7	4.7	5.0	3.7	2.0	1.7	1.3	1.7	1.7	2.9

TABLE 17. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	PERCENT	PERCENT	PERCENT	WINTER	STEM	DOLLAR	QUALITY RATINGS										MEAN
	GREENUP	COVER	COVER	COVER				COLOR	RUST	SPOT	APR	MAY	JUN	JUL	AUG	SEP	OCT	
INSPIRE	4.3	80.0	53.3	7.3	3.7	5.0	5.3	4.7	5.3	4.0	3.3	2.0	1.3	1.7	1.7	1.7	2.9	
KEYSTONE 2 (IS-PR 312)	4.0	81.7	65.0	13.3	4.0	6.3	5.7	4.7	4.7	5.0	3.7	2.0	2.0	1.3	1.3	1.3	2.9	
KOKOMO II (IS-PR 235)	4.3	80.0	66.7	12.7	4.7	7.0	7.7	4.0	4.3	5.0	3.7	1.7	2.0	1.7	2.0	2.0	2.9	
MONTEREY 3 (JR-408)	4.0	85.0	73.3	6.7	4.0	7.0	8.3	4.7	4.7	5.0	4.0	1.3	1.3	1.3	1.7	1.7	2.9	
PHENOM (APR 1660)	4.0	86.7	60.0	20.0	3.7	7.3	7.0	4.3	5.3	4.3	3.7	2.3	1.3	1.7	1.7	1.7	2.9	
PIZZAZZ	4.7	91.3	73.3	5.3	4.7	6.0	6.7	5.0	5.0	5.0	4.3	1.3	1.3	1.3	1.3	1.3	2.9	
REGAL 5 (IS-PR 271)	5.3	78.3	53.3	7.3	4.7	7.3	8.0	4.3	4.3	5.0	3.3	1.7	1.7	1.7	2.0	2.0	2.9	
CUTTER II (PM 101)	4.3	85.0	56.7	4.7	5.3	6.7	6.7	4.7	4.7	5.0	3.3	2.0	1.0	1.0	1.7	1.7	2.8	
DCM	4.3	82.3	73.3	14.0	4.3	6.7	8.0	4.3	4.3	4.0	4.0	2.3	1.7	1.3	1.7	1.7	2.8	
GOALKEEPER II (JR-114)	4.0	86.7	66.7	6.0	4.0	5.3	5.7	4.7	5.3	4.3	3.3	1.7	1.3	1.3	1.7	1.7	2.8	
FIJI (GPR)	4.0	82.3	68.3	12.7	4.3	6.0	7.7	4.3	5.0	4.3	4.0	2.0	1.3	1.3	1.3	1.3	2.8	
PM 102	5.0	80.0	60.0	5.0	4.7	6.0	6.7	4.7	4.7	4.3	4.0	2.0	1.0	1.3	1.7	1.7	2.8	
PST-217	3.7	85.0	65.0	14.3	4.0	7.0	7.0	4.3	4.7	5.0	3.7	2.3	1.3	1.0	1.3	1.3	2.8	
SR 4600 (SRX 4SP)	4.7	83.3	65.0	6.7	4.3	6.3	6.0	4.7	4.7	4.7	3.3	2.0	1.7	1.3	1.3	1.3	2.8	
ACCENT II (JR-119)	4.0	90.0	58.3	6.7	4.0	6.0	8.3	4.7	5.0	5.0	3.3	2.0	1.0	1.0	1.3	1.3	2.7	
ASP6001 (RTS)	4.7	80.0	60.0	7.7	4.3	6.3	7.7	4.3	4.7	4.7	3.7	1.7	1.3	1.3	1.3	1.3	2.7	
ASP6003 (TRS)	5.0	81.7	61.7	7.7	4.3	6.7	7.7	4.3	4.7	5.0	3.7	1.7	1.3	1.3	1.3	1.3	2.7	
BAR LP 4920	4.7	81.7	58.3	3.7	4.0	7.0	6.0	4.0	4.7	4.3	3.3	2.0	1.3	1.3	1.7	1.7	2.7	
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.0	86.7	60.0	9.0	3.7	6.7	7.3	4.3	4.7	5.0	3.3	2.0	1.3	1.3	1.3	1.3	2.7	
ES45	4.7	82.3	66.7	4.0	5.0	7.0	7.0	4.7	4.3	5.0	3.7	1.7	1.0	1.3	1.3	1.3	2.7	
LA QUINTA (JR-255)	4.3	76.7	63.3	7.0	4.0	5.3	7.3	4.0	4.3	5.0	3.3	2.0	1.3	1.3	1.3	1.3	2.7	
LPR 02203	4.0	92.3	60.0	2.3	3.7	5.3	7.7	4.3	5.3	4.3	3.3	1.3	1.3	1.3	1.3	1.3	2.7	
NEXUS XR (SNR)	5.0	92.0	70.0	9.0	4.3	6.3	6.0	5.0	4.7	5.0	4.0	2.0	1.0	1.0	1.0	1.0	2.7	
PALMER IV	5.0	71.7	68.3	11.3	5.0	6.3	7.3	3.7	3.7	5.0	3.7	2.0	1.7	1.7	1.7	1.7	2.7	
PANTHER GLS	4.0	85.0	61.7	7.3	4.0	5.0	7.0	4.3	5.0	5.0	3.3	2.3	1.3	1.0	1.0	1.0	2.7	
PRESIDIO (CNV)	5.0	81.7	66.7	5.7	4.3	4.7	6.3	4.7	4.7	5.0	4.0	1.7	1.0	1.0	1.0	1.0	2.7	
PS-2	4.0	83.3	53.3	6.3	4.0	5.7	8.0	4.3	4.3	4.3	3.0	2.0	1.7	1.7	1.7	1.7	2.7	
HAWKEYE 2 (SRX 4692)	4.0	81.7	58.3	7.7	4.0	4.3	7.7	4.7	4.7	4.0	3.0	2.3	1.3	1.3	1.3	1.3	2.7	
STELLAR GL (IS-PR 236)	5.3	71.7	71.7	9.0	5.0	7.7	8.0	4.0	3.7	5.0	4.0	2.3	1.7	1.3	1.0	1.0	2.7	
MAJESTY II (VB77)	5.3	75.0	55.0	7.0	5.0	6.0	8.3	4.3	4.3	4.3	3.3	1.7	1.3	1.3	1.7	1.7	2.7	
APPLE GL (AAZ-B104)	4.7	77.7	66.7	9.0	4.3	7.0	5.0	4.3	4.0	4.0	4.0	2.3	1.3	1.0	1.0	1.0	2.6	
ASP6002 (BPR)	5.0	90.0	56.7	4.3	4.0	6.3	7.0	5.0	5.0	5.0	3.0	1.7	1.0	1.0	1.0	1.0	2.6	
ASP6005 (AJM)	4.0	88.3	63.3	7.3	4.0	6.0	8.0	4.3	5.0	4.0	3.0	2.0	1.3	1.0	1.3	1.3	2.6	
ASP6006 (LPGF)	4.7	82.7	65.0	8.0	4.3	7.0	7.0	4.7	4.7	4.3	3.3	2.0	1.0	1.0	1.0	1.0	2.6	
BAR LP 4420	4.3	80.0	50.0	5.0	4.3	6.0	7.7	4.3	4.3	4.0	2.7	1.7	1.3	1.7	1.7	1.7	2.6	
BARLENNIUM	4.0	86.7	61.7	9.0	4.0	4.7	7.7	4.3	4.7	4.7	3.0	1.7	1.3	1.3	1.3	1.3	2.6	
CABO II (IS-PR 233)	4.7	81.7	66.7	4.3	5.0	5.3	8.0	4.0	4.0	4.3	3.3	2.0	1.3	1.3	1.7	1.7	2.6	
DART (APR 1663)	4.3	83.7	56.7	7.3	4.0	5.7	8.3	4.7	4.3	5.0	3.0	1.7	1.3	1.0	1.0	1.0	2.6	
DP 17-9788	3.3	89.3	50.0	9.0	3.3	5.0	4.7	4.0	5.0	4.0	2.7	1.7	1.3	1.7	1.7	1.7	2.6	
DP1	5.0	80.0	58.3	6.0	5.3	8.0	8.0	4.3	4.3	4.3	3.0	1.3	1.3	1.3	1.7	1.7	2.6	
EDGE II (AC2)	4.3	76.7	65.0	4.7	4.0	6.0	6.0	4.0	4.0	5.0	3.7	1.3	1.3	1.3	1.3	1.3	2.6	
FUSION	4.0	82.3	58.3	5.7	4.0	6.0	7.0	4.3	4.3	4.7	3.7	2.0	1.0	1.0	1.3	1.3	2.6	
GALATTI (DP 17-9502)	4.0	88.3	55.0	5.3	4.0	6.0	5.3	4.7	4.3	4.0	3.0	1.7	1.3	1.3	1.3	1.3	2.6	
HARRIER (SRX 4UP3)	4.0	75.0	61.7	7.0	4.0	6.0	8.0	4.3	4.3	4.0	3.7	1.7	1.3	1.3	1.3	1.3	2.6	
HOMERUN (RG3P)	4.7	81.0	50.0	3.7	3.7	6.7	6.0	4.7	5.0	4.7	3.0	1.7	1.0	1.0	1.0	1.0	2.6	
OVERDRIVE	4.0	87.7	66.7	5.0	4.3	6.0	6.0	4.7	4.7	4.3	3.7	2.0	1.0	1.0	1.0	1.0	2.6	
PALACE (IS-PR 273)	4.3	82.7	60.0	5.0	4.7	5.3	7.7	4.7	5.0	4.0	3.7	1.7	1.0	1.0	1.0	1.0	2.6	

TABLE 17. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	PERCENT	PERCENT	PERCENT	WINTER COLOR	STEM RUST	DOLLAR SPOT	APR	MAY	JUN	JUL	QUALITY RATINGS					MEAN
		COVER SPRING	COVER SUMMER	COVER FALL								AUG	SEP	OCT	NOV	DEC	
PALMER III	3.7	91.7	51.7	5.3	4.0	4.7	7.0	4.7	5.0	4.3	3.0	1.3	1.3	1.3	1.3	1.3	2.6
PARAGON GLR	5.0	78.3	65.0	15.0	4.3	6.3	6.0	4.3	4.3	4.0	3.0	2.3	1.7	1.3	1.3	1.3	2.6
PLEASURE SUPREME (PM 103)	4.7	80.0	66.7	3.7	4.3	5.7	6.7	4.0	4.3	5.0	3.3	1.3	1.3	1.3	1.3	1.3	2.6
PREMIER	3.0	91.7	46.7	6.7	3.7	4.7	7.0	4.0	4.7	4.0	2.7	1.7	1.7	1.7	1.7	1.7	2.6
PROTEGE GLR	4.7	71.7	60.0	6.7	5.0	7.0	7.7	4.0	4.3	5.0	3.3	2.0	1.0	1.0	1.3	1.3	2.6
TR47	4.3	83.3	60.0	7.3	4.0	5.0	7.7	4.7	4.7	4.0	3.3	2.0	1.3	1.0	1.0	1.0	2.6
WIND DANCE 2 (PWDR)	4.0	83.3	61.7	10.0	4.0	5.0	6.0	4.7	4.3	4.0	3.7	2.3	1.3	1.0	1.0	1.0	2.6
ASP6004 (EXS54)	4.7	78.3	63.3	8.3	4.7	5.7	6.7	4.0	4.0	4.0	3.7	2.0	1.0	1.3	1.3	1.3	2.5
CALYPSO 3 (MS2)	4.7	75.0	51.7	4.7	4.3	6.0	7.3	3.7	4.0	4.3	2.7	1.7	1.3	1.7	1.7	1.7	2.5
HEADSTART 2	4.7	79.3	63.3	3.7	4.3	6.0	5.3	4.3	4.7	4.7	3.3	1.7	1.0	1.0	1.0	1.0	2.5
NEXUS XD (SP4)	5.0	78.3	56.7	8.3	4.7	7.7	7.3	4.3	4.3	4.0	3.3	2.0	1.3	1.0	1.0	1.0	2.5
PIANIST (DP 17-9505)	4.0	76.7	58.3	4.0	4.0	6.0	5.7	4.3	4.3	4.0	3.0	1.3	1.3	1.3	1.3	1.3	2.5
PREMIER II	3.7	85.0	53.3	5.3	4.0	5.3	5.7	4.3	4.3	4.3	2.7	1.3	1.3	1.3	1.3	1.3	2.5
SUNSHINE 2	5.0	78.3	53.3	2.7	4.7	6.3	7.3	4.3	4.3	4.3	3.3	1.0	1.0	1.3	1.3	1.3	2.5
VB99	4.7	82.7	63.3	3.3	4.7	7.0	8.0	4.3	4.0	5.0	3.3	1.7	1.0	1.0	1.0	1.0	2.5
AFFINITY	3.3	94.7	45.0	2.7	3.7	5.3	6.3	4.3	4.3	4.0	2.7	2.0	1.0	1.0	1.0	1.0	2.4
FIREBOLT (PRG HS-01-09)	5.0	81.0	56.7	3.7	4.3	5.3	7.0	4.7	4.3	4.3	3.3	1.3	1.0	1.0	1.0	1.0	2.4
L44	4.3	78.3	56.7	1.3	3.7	5.0	7.3	4.3	4.3	5.0	3.0	1.3	1.0	1.0	1.0	1.0	2.4
MACH I	4.0	89.3	51.7	2.0	4.0	5.0	5.3	4.7	5.0	4.3	3.0	1.0	1.0	1.0	1.0	1.0	2.4
PANTHER	3.7	86.7	48.3	1.0	4.0	5.7	4.7	4.3	5.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	2.4
PICK 02-R	4.3	76.7	55.0	2.0	5.0	6.3	7.7	4.0	4.0	4.3	3.3	1.7	1.0	1.0	1.0	1.0	2.4
DP 17-9499	4.3	73.3	53.3	1.0	5.0	5.3	6.3	4.0	4.0	4.0	3.0	1.3	1.0	1.0	1.0	1.0	2.3
PINNACLE	3.0	94.0	50.0	3.0	3.3	6.3	6.3	4.0	4.3	3.3	2.7	1.3	1.0	1.3	1.3	1.3	2.3
BREA (04-BRE)	4.7	76.7	50.0	2.7	4.7	5.3	7.3	4.0	4.3	4.0	2.3	1.0	1.0	1.0	1.0	1.0	2.2
LINN	3.0	91.7	51.7	1.0	3.3	4.3	6.0	3.0	3.0	3.0	2.7	1.0	1.0	1.0	1.3	1.3	1.9
LSD VALUE	0.9	19.4	27.9	16.0	1.0	1.2	1.4	2.0	1.7	0.7	2.4	1.2	1.3	2.7	2.4	2.4	1.0
C.V. (%)	11.8	9.3	16.9	79.6	12.2	12.0	12.7	13.5	14.0	9.5	21.4	30.5	38.2	44.7	44.1	44.1	14.7

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

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

TABLE 18.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	RED THREAD	QUALITY RATINGS											MEAN	
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
KOKOMO II (IS-PR 235)	8.0	6.0	6.7	8.0	7.0	8.0	8.7	7.3	8.0	8.3	8.7	6.0	6.3	5.7	7.4
APPLE GL (AAZ-B104)	7.7	7.3	6.3	7.0	7.0	8.0	8.0	7.7	8.0	8.3	8.3	6.7	6.7	5.7	7.3
CABO II (IS-PR 233)	7.7	5.0	6.7	7.7	7.0	8.3	8.7	6.7	7.7	8.3	8.3	6.3	6.0	5.3	7.3
UNO (D04-11T)	8.0	7.7	6.3	7.3	7.0	8.0	8.3	7.3	8.0	8.0	8.3	6.7	6.3	6.0	7.3
DERBY XTREME (IS-PR 268)	7.7	7.3	5.7	7.3	7.0	7.7	8.0	7.0	7.7	8.0	9.0	7.0	6.7	6.0	7.3
FIESTA 4 (PICK F4)	8.0	7.0	6.0	7.0	7.0	8.0	8.7	7.7	8.0	8.0	8.3	6.7	6.7	5.3	7.3
HOMERUN (RG3P)	8.0	7.7	6.7	7.3	7.0	8.0	8.0	7.7	8.0	8.0	8.3	6.7	6.3	5.3	7.3
VB99	8.3	6.0	6.0	7.7	7.0	8.0	8.3	7.3	7.7	8.3	9.0	6.3	6.0	5.3	7.3
ZOOM (LCK)	7.3	7.3	6.7	7.7	7.0	8.0	8.0	7.0	7.7	8.0	8.3	6.7	6.7	6.0	7.3
FIJI (GPR)	7.7	7.0	6.0	7.0	7.0	8.0	8.0	7.0	8.0	8.3	8.3	6.7	6.3	5.3	7.2
PALMER IV	7.7	6.0	6.0	7.3	7.0	8.0	8.3	7.0	7.7	8.0	8.3	6.3	6.3	6.3	7.2
STELLAR GL (IS-PR 236)	7.7	5.3	6.0	7.3	7.0	8.0	8.0	7.3	7.7	8.3	8.0	6.3	6.3	5.7	7.2
ALLSTAR 3 (IS-PR 274)	8.0	7.0	6.7	7.0	7.0	8.0	8.0	7.0	7.7	7.7	8.0	6.3	6.3	5.7	7.1
ASP6003 (TRS)	8.0	6.3	6.0	7.0	6.7	8.0	8.3	7.3	7.7	8.0	8.3	6.3	6.0	5.0	7.1
ATTRIBUTE (IS-PR 270)	8.0	7.7	6.0	7.0	7.0	8.0	8.3	7.0	7.7	8.0	8.0	7.0	6.0	5.3	7.1
BUENA VISTA	7.7	6.3	6.3	7.3	7.0	8.0	8.3	6.7	7.7	8.0	8.0	6.3	6.0	5.3	7.1
CALYPSO 3 (MS2)	7.3	7.0	6.3	6.7	7.0	8.0	8.0	7.0	7.7	8.0	8.3	6.3	6.0	5.3	7.1
DEFENDER (D04-UP)	7.0	5.7	6.3	7.0	7.0	8.0	8.0	7.0	7.7	8.0	8.0	6.3	6.3	5.7	7.1
HALO (KN42)	8.0	6.0	6.0	7.0	7.0	8.3	8.3	7.3	8.0	8.0	8.7	6.0	5.7	4.7	7.1
OVERDRIVE	7.7	7.7	6.0	6.3	6.7	8.0	8.0	7.7	8.0	8.0	8.0	6.7	6.0	5.3	7.1
PALACE (IS-PR 273)	8.0	7.3	6.3	7.3	7.0	8.0	8.0	6.7	7.3	8.0	8.3	6.7	6.0	5.7	7.1
PROTEGE GLR	7.7	6.0	6.0	7.3	7.0	8.0	8.3	7.0	8.0	8.3	8.3	6.0	6.0	5.3	7.1
REGAL 5 (IS-PR 271)	8.0	6.0	6.3	7.7	7.0	8.0	8.0	6.3	7.7	8.0	8.0	6.0	6.0	5.7	7.1
SUNSHINE 2	8.0	7.0	5.7	6.7	7.0	8.0	8.3	6.7	8.0	8.0	8.0	7.0	6.0	5.3	7.1
TR47	8.0	5.7	6.0	7.7	7.0	8.0	8.3	7.3	7.7	8.0	8.7	6.3	5.7	4.7	7.1
AMAZING GS (IS-PR 276)	7.3	6.3	6.0	7.3	7.0	8.0	8.3	7.0	7.7	7.7	8.0	6.3	6.0	5.0	7.0
ASP6004 (EXS54)	7.7	5.0	6.3	7.3	7.0	8.0	8.0	6.3	8.0	7.7	8.0	6.0	6.0	5.3	7.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	5.7	6.3	6.7	6.7	8.0	8.0	7.3	7.3	8.0	8.0	6.3	6.0	5.0	7.0
CUTTER II (PM 101)	7.0	7.0	6.3	6.7	6.7	7.7	8.0	6.7	8.0	8.0	8.3	6.3	6.3	5.0	7.0
TRANSFORMER (D04-1667)	7.3	6.3	6.0	6.7	6.7	8.0	8.0	7.3	7.7	8.0	8.0	6.0	6.0	5.3	7.0
EXACTA II GLSR (LTP-611-GLSR)	7.0	5.3	6.0	7.0	7.0	8.0	8.0	6.7	8.0	8.0	8.0	6.0	6.0	5.7	7.0
L44	8.0	5.0	5.3	6.3	7.0	7.7	8.3	7.0	8.3	8.0	8.7	6.3	5.7	5.3	7.0
LA QUINTA (JR-255)	7.7	5.7	5.7	6.3	6.7	8.0	8.3	7.3	7.7	8.0	8.3	6.3	6.0	5.0	7.0
MACH I	7.7	7.0	6.3	7.0	7.0	8.0	8.0	6.7	7.3	8.0	8.3	6.0	5.7	5.7	7.0
SILVER DOLLAR	7.3	8.0	6.7	7.0	7.0	8.0	8.0	6.7	7.3	8.0	8.0	6.3	6.0	5.3	7.0
SR 4600 (SRX 4SP)	7.7	7.7	5.7	6.7	6.7	8.0	8.0	7.3	7.3	7.7	8.3	6.0	6.3	5.7	7.0
MAJESTY II (VB77)	7.3	6.3	6.0	7.0	6.7	8.0	8.0	7.0	7.7	8.3	8.0	6.0	6.0	5.3	7.0
DASHER 3 (PICK RB-1)	7.3	6.0	5.3	6.7	7.0	8.0	8.0	7.0	8.0	7.7	7.7	6.7	5.3	5.3	6.9
DELAWARE XL (PICK 01-2)	7.3	5.0	6.0	7.0	6.7	7.7	8.0	6.3	7.3	7.7	8.0	6.0	6.0	5.7	6.9
DP1	7.3	4.7	5.7	6.3	7.0	7.7	8.0	7.0	7.7	8.0	8.0	6.0	5.7	5.3	6.9
EDGE II (AC2)	7.3	6.7	6.0	6.7	7.0	7.7	8.0	7.0	7.3	8.0	8.0	6.3	6.3	5.0	6.9
FIREBOLT (PRG HS-01-09)	7.3	5.7	6.0	7.0	6.7	8.0	8.0	6.7	7.7	8.0	8.3	5.7	6.0	5.0	6.9
GL-2	7.0	5.7	6.3	7.0	7.0	7.7	8.0	6.7	7.7	7.3	7.7	6.0	6.0	5.3	6.9
HARRIER (SRX 4UP3)	7.3	4.7	6.0	7.0	7.0	8.0	8.0	6.3	7.3	7.7	8.0	6.0	6.0	5.7	6.9
LINE DRIVE GLS (APR 1797)	7.3	8.3	5.7	6.7	7.0	7.7	8.0	7.3	7.7	7.7	8.0	6.7	5.7	5.0	6.9
PARAGON GLR	8.0	6.3	5.7	6.7	6.7	8.0	8.0	7.0	7.3	8.0	8.0	6.0	6.3	5.3	6.9
PICK 02-R	8.0	6.3	5.3	7.0	6.7	7.7	8.7	6.7	7.7	8.3	8.0	6.3	5.7	4.7	6.9

TABLE 18. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	RED THREAD	QUALITY RATINGS											MEAN	
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
RNS	7.3	5.7	6.0	6.3	6.7	7.7	8.3	6.7	7.7	8.0	8.0	6.3	6.0	5.7	6.9
WIND DANCE 2 (PWDR)	7.7	5.3	5.7	6.7	6.7	8.0	8.3	7.0	8.0	8.0	8.3	5.7	5.7	5.0	6.9
RINGER II (04-BEN)	7.3	6.7	5.7	6.3	6.3	8.0	8.0	7.0	7.7	8.0	8.0	6.7	5.7	4.3	6.8
APR 1648	7.3	6.7	5.7	6.7	6.3	7.3	8.0	6.3	7.3	8.0	8.0	6.3	6.0	5.3	6.8
ASP6005 (AJM)	8.0	5.7	6.0	6.7	7.0	8.0	8.3	6.3	7.7	8.0	8.0	6.0	5.7	4.3	6.8
BAR LP 4420	7.3	6.7	6.0	7.0	6.7	8.0	8.0	7.0	7.3	8.0	8.0	6.0	5.3	4.3	6.8
CADDIESHACK II (JR-163)	7.3	6.7	5.3	7.0	6.7	8.0	8.0	6.7	8.0	8.0	8.0	5.7	5.7	4.3	6.8
CITATION FORE	6.7	7.0	5.3	6.7	6.7	8.0	7.7	6.7	8.0	8.0	8.0	6.3	5.3	5.0	6.8
DCM	7.3	6.0	5.7	6.7	6.7	8.0	8.0	7.0	7.3	8.0	8.0	6.3	5.7	4.7	6.8
FUSION	8.0	5.7	5.7	6.3	6.7	7.7	8.3	7.0	8.0	7.7	7.7	5.7	5.3	5.0	6.8
KEYSTONE 2 (IS-PR 312)	7.0	5.3	6.0	7.0	6.7	7.7	8.0	6.3	7.7	7.7	7.7	6.0	6.0	5.0	6.8
MMW	7.0	5.0	6.0	7.0	7.0	8.0	7.7	6.7	7.3	7.7	8.0	5.7	5.3	4.7	6.8
NEXUS XD (SP4)	7.7	4.7	5.3	6.3	7.0	7.7	8.0	6.7	8.0	8.0	8.3	5.7	5.7	5.0	6.8
PHENOM (APR 1660)	7.0	6.7	6.0	6.7	6.7	7.7	8.0	6.7	7.3	8.0	8.0	6.0	5.7	5.3	6.8
PM 102	7.7	5.0	6.0	6.7	7.0	7.7	8.0	6.7	7.7	8.0	7.3	6.0	5.7	5.3	6.8
PRESIDIO (CNV)	7.3	5.0	5.3	6.3	7.0	7.7	8.0	6.7	8.0	8.0	8.3	6.0	5.7	5.0	6.8
PRIMARY (IS-PR 269)	7.3	5.7	6.3	7.0	6.7	8.0	8.0	6.3	6.7	7.7	8.0	6.3	5.7	5.3	6.8
PS-2	7.0	5.0	6.0	7.0	6.3	8.0	8.0	7.0	7.3	7.7	7.7	5.7	5.7	5.0	6.8
REVENGE GLX (JR-348)	7.0	4.7	5.7	6.7	7.0	7.7	8.0	6.3	7.7	8.0	8.0	5.7	5.7	5.3	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	6.7	5.7	6.3	6.7	7.7	7.7	6.7	7.3	7.7	8.0	6.3	6.0	5.3	6.8
AF	7.0	5.7	5.7	6.3	6.3	8.0	8.0	7.0	7.7	7.7	8.0	6.0	5.3	4.7	6.7
ASP6001 (RTS)	7.7	4.3	5.7	6.3	6.7	7.7	8.0	6.7	7.7	8.0	8.0	6.0	5.0	4.7	6.7
ASP6002 (BPR)	7.7	4.7	5.7	6.3	6.7	7.7	8.0	6.7	7.7	8.3	8.0	5.7	5.3	4.7	6.7
ASP6006 (LPFG)	8.0	4.7	5.3	6.7	7.0	8.0	8.3	6.3	7.3	7.7	7.3	6.0	5.3	4.7	6.7
D04-LP05	7.0	5.0	5.7	6.3	6.7	7.7	8.0	6.7	7.3	8.0	8.0	6.0	5.7	4.7	6.7
DART (APR 1663)	7.0	6.0	5.7	6.3	6.0	8.0	8.0	6.3	7.3	8.0	8.0	6.3	5.7	4.7	6.7
ES45	7.7	4.0	5.3	6.3	6.7	7.7	8.3	6.7	8.0	8.0	7.7	6.0	5.0	4.3	6.7
GALATTI (DP 17-9502)	7.3	5.0	5.3	6.0	6.3	8.0	8.0	6.0	8.0	8.0	7.7	6.0	6.0	5.0	6.7
GRAND SLAM 2 (PST-2GSM)	7.3	5.7	5.7	6.3	6.7	7.7	8.0	6.3	7.7	8.0	8.0	6.0	5.7	4.7	6.7
GRAY STAR (PST-2LGL)	7.0	6.3	5.3	6.7	6.7	7.7	8.0	6.0	7.3	7.3	8.0	6.3	6.0	5.0	6.7
MANHATTAN 5 GLR (PST-2AM)	7.3	5.7	5.3	6.3	6.7	8.0	8.0	6.3	7.3	8.0	8.0	6.0	5.3	4.7	6.7
PANTHER GLS	7.3	5.7	5.7	6.0	6.3	7.3	8.3	7.0	7.3	7.7	7.7	6.0	6.0	5.3	6.7
PIANIST (DP 17-9505)	7.0	6.0	5.3	6.3	6.3	7.7	8.0	6.0	8.0	8.0	8.0	6.0	5.3	5.0	6.7
PINNACLE II	7.3	6.3	5.7	6.7	6.3	8.0	8.3	7.0	7.0	8.0	7.7	6.0	5.7	4.3	6.7
PLEASURE SUPREME (PM 103)	7.3	5.3	5.7	7.0	7.0	8.0	8.0	6.3	7.3	7.7	7.7	6.0	5.3	4.7	6.7
PST-2AG4	7.3	6.3	5.7	6.7	6.7	8.0	8.0	6.3	7.0	7.3	7.7	6.0	5.7	5.3	6.7
REPELL GLS	7.0	6.3	6.3	6.7	6.7	7.7	8.0	6.3	7.0	7.7	7.7	6.0	5.7	5.0	6.7
TOP GUN II (JR-324)	7.0	5.7	5.3	6.3	6.7	7.7	7.7	6.7	7.7	7.3	7.7	6.3	5.7	5.0	6.7
BREA (04-BRE)	7.0	4.7	5.0	5.7	6.7	7.7	8.0	6.3	8.0	8.0	7.7	6.0	5.3	4.7	6.6
1G SQUARED (APR 1664)	7.3	5.3	5.7	6.3	7.0	7.7	8.3	6.7	7.0	7.7	7.7	5.3	5.3	4.7	6.6
BAR LP 4920	6.7	5.0	5.0	6.3	6.0	7.7	7.7	6.7	8.0	7.7	8.0	5.7	5.3	4.7	6.6
GOALKEEPER II (JR-114)	7.3	6.3	5.3	6.7	6.3	8.0	7.7	6.3	7.3	7.7	8.0	6.0	5.7	4.3	6.6
INSPIRE	7.0	6.3	5.7	6.0	6.3	7.7	8.0	6.7	7.3	7.7	7.3	6.0	5.7	4.7	6.6
NEXUS XR (SNR)	8.0	4.0	5.7	6.3	6.7	7.7	8.0	7.0	7.7	7.3	7.7	5.3	5.7	4.7	6.6
PST-2BLK	8.0	6.7	5.0	6.3	6.3	8.0	8.0	6.7	7.0	7.7	7.3	6.7	5.3	4.3	6.6
QUICKSILVER	7.0	5.7	5.7	7.0	7.0	7.3	7.7	6.3	7.3	7.3	7.7	6.0	5.0	4.7	6.6
BARLENNIUM	7.0	5.0	5.3	6.0	6.0	8.0	8.0	6.0	7.0	8.0	8.0	5.3	5.3	4.7	6.5

TABLE 18. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	RED THREAD	QUALITY RATINGS												MEAN
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BRIGHTSTAR SLT	7.0	6.7	5.3	6.0	6.0	7.7	8.0	6.3	7.3	7.7	7.7	6.0	5.3	4.7	6.5
DP 17-9499	7.7	5.3	5.3	6.3	6.7	8.0	8.0	6.0	7.3	7.7	7.3	5.7	5.3	4.7	6.5
E-99	7.3	6.7	5.7	6.0	6.0	7.3	8.0	6.3	6.7	7.7	7.7	6.3	5.7	5.0	6.5
MONTEREY 3 (JR-408)	7.0	6.3	5.3	6.3	6.0	7.3	8.0	6.3	7.3	8.0	8.0	5.7	5.7	4.3	6.5
PREMIER II	7.0	6.0	5.7	6.0	6.0	8.0	8.0	7.0	7.0	7.7	7.7	5.7	5.3	4.3	6.5
PST-217	7.0	6.0	5.3	6.0	6.3	7.7	8.0	6.0	7.0	7.7	8.0	6.0	5.7	4.7	6.5
GRAY FOX (PST-2MNG)	7.0	5.0	5.7	6.3	6.3	7.3	7.7	6.7	7.3	7.7	7.7	5.7	5.3	4.7	6.5
RAD-PR8	7.3	6.0	5.3	6.3	6.7	7.7	8.0	6.7	7.3	7.7	7.3	6.0	5.3	4.0	6.5
ACCENT II (JR-119)	7.0	5.0	4.7	5.7	6.3	8.0	8.0	6.0	7.3	8.0	7.7	5.7	5.0	4.3	6.4
APR 1670	7.3	5.7	5.7	6.0	6.0	7.0	8.0	6.3	6.0	7.3	7.7	5.7	5.7	5.0	6.4
DP 17-9788	7.0	6.0	5.3	6.0	6.0	7.3	8.0	6.7	7.0	7.7	8.0	5.7	5.3	4.3	6.4
PALMER III	7.3	5.3	5.7	6.0	6.0	7.3	8.0	7.0	7.3	7.7	7.3	5.7	4.7	4.3	6.4
PENTIUM	6.7	6.3	5.3	6.0	6.0	7.7	7.7	6.7	7.3	7.7	7.3	5.7	5.3	4.3	6.4
PIZZAZZ	7.0	4.3	5.0	6.3	6.7	7.7	7.7	6.3	7.7	7.3	7.3	5.0	5.0	4.3	6.4
PST-2LAN	7.0	5.7	5.0	6.3	6.0	7.3	8.0	6.0	7.0	8.0	7.7	5.7	5.0	4.7	6.4
HAWKEYE 2 (SRX 4692)	7.7	5.7	5.3	6.3	6.3	7.3	7.7	6.7	6.7	7.3	7.3	5.7	5.3	4.3	6.4
HEADSTART 2	7.3	4.3	5.0	5.7	6.3	7.3	7.7	6.0	7.3	7.3	7.7	5.7	5.3	4.3	6.3
BAR LP 4317	6.7	5.0	5.3	6.0	6.0	7.3	7.7	6.0	7.0	6.7	7.0	5.3	5.0	4.0	6.1
PREMIER	5.7	6.7	4.7	5.3	5.7	7.0	7.7	6.3	7.0	7.0	7.0	5.7	5.3	4.7	6.1
PINNACLE	6.0	7.0	5.0	5.0	6.0	6.7	7.3	6.3	6.7	7.0	7.0	5.3	5.0	4.3	6.0
AFFINITY	6.0	6.7	4.7	5.3	6.0	6.7	7.3	5.7	7.0	7.0	7.0	5.0	5.0	4.0	5.9
PANTHER	6.3	3.7	4.7	5.7	6.0	7.3	7.3	6.0	6.7	7.0	6.7	4.3	5.0	4.3	5.9
SRX 4682	7.0	4.3	5.0	5.7	6.0	7.0	7.7	6.0	6.3	6.7	6.7	5.0	4.7	4.7	5.9
LPR 02203	6.0	5.3	4.3	5.0	6.0	7.0	7.3	6.0	6.7	6.7	7.3	5.0	4.7	4.0	5.8
LINN	5.7	7.0	4.7	4.7	5.0	4.3	5.7	5.0	6.0	6.0	6.3	4.7	5.0	4.0	5.1
LSD VALUE	0.7	4.9	1.2	1.0	0.6	0.7	0.6	0.9	0.7	0.8	0.9	1.3	1.0	1.0	0.4
C.V. (%)	6.0	24.8	10.5	8.9	5.7	5.2	4.4	7.6	5.7	5.6	6.3	9.8	9.3	11.0	3.8

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

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

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS								MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	NOV		
FIJI (GPR)	9.0	7.0	8.0	7.3	8.7	9.0	8.7	7.3	8.0	
ASP6003 (TRS)	8.7	7.0	8.3	7.3	8.3	8.7	8.3	7.0	7.9	
DERBY XTREME (IS-PR 268)	8.3	8.0	8.0	6.7	8.3	8.7	8.3	7.0	7.9	
PALACE (IS-PR 273)	8.7	7.7	8.7	7.0	8.0	8.3	8.3	7.3	7.9	
REVENGE GLX (JR-348)	8.0	6.7	8.0	7.3	8.3	9.0	8.7	7.3	7.9	
ZOOM (LCK)	7.7	8.3	8.0	7.7	8.0	8.3	8.0	7.0	7.9	
AMAZING GS (IS-PR 276)	8.7	7.0	7.0	7.0	8.3	8.7	8.7	7.7	7.8	
ASP6005 (AJM)	9.0	7.7	8.7	6.3	8.0	8.7	8.3	7.0	7.8	
CUTTER II (PM 101)	8.7	7.3	8.0	7.3	8.0	8.3	8.3	7.0	7.8	
RNS	8.0	7.7	7.7	7.7	8.0	8.3	8.0	7.0	7.8	
MAJESTY II (VB77)	8.0	8.0	8.3	6.3	8.0	8.3	8.3	7.0	7.8	
VB99	9.0	8.0	8.7	6.3	7.3	9.0	8.0	7.0	7.8	
ASP6002 (BPR)	8.7	6.7	8.7	6.7	7.3	9.0	8.3	7.3	7.7	
ASP6006 (LPFG)	8.7	7.0	8.0	7.0	8.7	8.3	8.0	6.7	7.7	
HOMERUN (RG3P)	8.0	7.3	8.3	7.0	7.7	8.3	8.0	7.3	7.7	
NEXUS XR (SNR)	9.0	7.3	8.0	6.7	8.0	8.7	8.0	7.0	7.7	
PALMER IV	8.7	7.7	7.7	7.0	7.3	9.0	7.7	7.3	7.7	
PARAGON GLR	7.7	7.7	7.7	7.0	7.7	9.0	8.0	7.0	7.7	
PINNACLE II	7.7	6.7	8.0	6.0	8.7	9.0	8.7	7.0	7.7	
REGAL 5 (IS-PR 271)	8.7	7.3	8.7	6.7	8.0	8.3	8.0	7.0	7.7	
AF	8.3	6.7	8.0	6.7	8.0	8.7	8.0	7.0	7.6	
ALLSTAR 3 (IS-PR 274)	8.3	7.3	8.3	7.7	7.0	8.0	7.7	7.3	7.6	
ATTRIBUTE (IS-PR 270)	8.3	6.0	8.0	7.7	8.0	8.0	8.0	7.3	7.6	
CALYPSO 3 (MS2)	8.3	7.3	7.7	7.0	7.7	8.3	8.0	7.0	7.6	
TRANSFORMER (D04-1667)	8.0	6.7	7.7	7.0	8.0	8.7	8.0	7.0	7.6	
DP1	8.3	8.0	7.7	6.0	8.3	8.3	8.0	7.0	7.6	
PRESIDIO (CNV)	8.3	7.7	7.3	7.7	7.3	8.0	8.0	7.0	7.6	
STELLAR GL (IS-PR 236)	8.7	7.7	7.7	6.0	7.0	9.0	8.3	7.3	7.6	
APR 1648	9.0	7.0	7.7	6.0	7.7	8.3	8.0	7.7	7.5	
UNO (D04-11T)	8.7	7.3	7.3	7.3	7.7	8.0	8.0	6.7	7.5	
EXACTA II GLSR (LTP-611-GLSR)	8.0	7.0	7.3	7.0	8.0	7.7	7.7	7.7	7.5	
FIESTA 4 (PICK F4)	9.0	7.3	7.7	6.7	8.3	7.3	8.0	7.3	7.5	
GL-2	8.0	6.3	7.3	6.7	8.3	8.7	8.3	7.0	7.5	
KEYSTONE 2 (IS-PR 312)	7.3	7.0	7.7	7.3	7.7	8.0	7.7	7.0	7.5	
KOKOMO II (IS-PR 235)	8.7	6.7	7.7	6.0	7.7	8.7	8.3	7.3	7.5	
NEXUS XD (SP4)	9.0	7.3	8.0	7.0	7.3	8.3	7.3	7.0	7.5	
PRIMARY (IS-PR 269)	7.3	7.0	7.7	6.3	7.3	8.3	8.3	7.3	7.5	
SILVER DOLLAR	8.7	7.3	8.0	6.7	7.7	8.0	7.7	7.3	7.5	
DCM	7.7	6.7	7.7	7.0	7.7	8.0	8.0	6.7	7.4	
FIREBOLT (PRG HS-01-09)	8.7	7.0	8.0	6.0	7.3	8.7	7.7	7.0	7.4	
PICK 02-R	9.0	7.0	8.0	6.3	8.0	8.0	8.0	6.7	7.4	
TOP GUN II (JR-324)	7.7	7.0	8.0	6.3	7.3	8.7	8.0	6.7	7.4	
TR47	9.0	7.3	7.7	6.0	7.7	8.3	7.7	7.0	7.4	
1G SQUARED (APR 1664)	8.3	6.0	7.3	6.7	7.3	8.7	8.3	6.7	7.3	
APPLE GL (AAZ-B104)	7.7	6.3	7.0	7.0	8.0	7.7	7.7	7.3	7.3	
ASP6001 (RTS)	8.3	6.7	8.0	6.7	7.7	8.0	7.7	6.7	7.3	
ASP6004 (EXS54)	8.7	7.3	8.0	6.3	7.7	7.7	7.3	7.0	7.3	

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS								MEAN
	COLOR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
DASHER 3 (PICK RB-1)	8.3	7.0	7.7	6.7	8.0	7.3	7.3	7.0	7.3	
HALO (KN42)	8.3	7.0	8.3	6.7	7.0	7.7	7.3	7.3	7.3	
HARRIER (SRX 4UP3)	7.0	6.0	7.0	6.7	8.0	8.0	8.0	7.3	7.3	
MMW	8.3	6.0	7.7	7.3	7.7	7.7	7.7	7.3	7.3	
MONTEREY 3 (JR-408)	7.0	7.0	7.7	6.0	7.3	8.0	8.0	7.0	7.3	
PIZZAZZ	7.7	7.0	7.0	6.7	7.7	8.3	7.3	7.0	7.3	
PLEASURE SUPREME (PM 103)	8.7	7.0	7.7	6.0	7.0	8.3	8.0	7.3	7.3	
WIND DANCE 2 (PWDR)	8.3	6.7	7.7	7.0	7.3	8.0	7.3	7.3	7.3	
EDGE II (AC2)	8.0	6.7	7.7	7.0	7.7	7.3	7.3	7.0	7.2	
INSPIRE	7.3	6.3	7.3	7.0	7.7	8.3	7.3	6.7	7.2	
OVERDRIVE	7.3	6.0	7.3	7.3	7.3	7.7	7.7	7.0	7.2	
PST-2AG4	8.0	6.3	6.7	7.3	6.7	8.3	7.7	7.3	7.2	
REPELL GLS	7.7	6.7	6.3	7.0	7.3	8.3	8.0	7.0	7.2	
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	6.7	7.0	7.0	7.3	7.7	7.7	7.0	7.2	
D04-LP05	8.0	6.7	7.0	7.3	7.0	7.7	7.3	7.0	7.1	
DP 17-9499	8.3	6.7	7.7	6.3	7.0	7.7	7.3	7.0	7.1	
E-99	7.3	6.3	7.0	7.3	7.0	8.0	7.3	7.0	7.1	
FUSION	8.7	7.0	7.0	6.7	6.7	7.7	7.7	7.0	7.1	
GALATTI (DP 17-9502)	6.7	7.0	8.0	6.7	7.3	7.0	7.0	6.7	7.1	
L44	9.0	7.0	7.7	6.0	7.0	8.0	7.7	6.7	7.1	
MACH I	7.7	6.7	7.0	6.7	7.7	7.7	7.3	7.0	7.1	
PROTEGE GLR	8.3	6.3	7.0	6.3	8.0	7.7	7.7	7.0	7.1	
GRAY FOX (PST-2MNG)	7.7	5.7	7.0	7.0	7.0	8.7	7.7	6.7	7.1	
HAWKEYE 2 (SRX 4692)	8.3	6.3	7.3	6.3	7.0	8.3	8.0	6.3	7.1	
BREA (04-BRE)	7.0	6.3	7.3	6.0	7.0	7.7	7.7	6.7	7.0	
BAR LP 4420	8.7	6.7	6.7	6.0	7.3	8.0	7.7	7.0	7.0	
BUENA VISTA	8.0	6.7	7.0	6.0	7.3	7.3	7.3	7.0	7.0	
DELAWARE XL (PICK 01-2)	9.0	7.0	7.3	6.3	6.7	7.7	7.0	7.0	7.0	
ES45	9.0	6.7	6.7	7.0	7.0	7.3	7.3	7.0	7.0	
GRAND SLAM 2 (PST-2GSM)	7.3	6.7	6.7	7.3	6.7	7.3	7.3	6.7	7.0	
LA QUINTA (JR-255)	8.3	7.0	7.3	6.0	7.0	7.7	7.3	7.0	7.0	
PANTHER GLS	8.0	6.3	7.0	6.7	7.3	7.7	7.7	6.7	7.0	
PS-2	7.7	6.7	7.3	6.7	6.7	7.3	7.0	7.3	7.0	
PST-2BLK	8.3	6.3	7.0	6.3	7.0	8.0	7.7	6.3	7.0	
PST-2LAN	6.0	5.7	7.3	7.0	7.7	7.3	7.7	6.0	7.0	
SUNSHINE 2	8.3	6.3	7.0	6.0	7.0	7.7	7.7	7.0	7.0	
ACCENT II (JR-119)	6.7	6.7	7.0	7.0	7.3	7.0	7.0	6.3	6.9	
CADDIESHACK II (JR-163)	7.0	6.7	7.0	6.3	7.0	7.7	7.7	6.0	6.9	
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.7	6.0	6.7	7.0	6.7	8.0	7.3	6.3	6.9	
DEFENDER (D04-UP)	7.7	6.3	6.7	6.3	7.0	8.0	7.3	6.7	6.9	
DART (APR 1663)	7.7	5.7	6.3	7.0	7.0	7.7	7.7	6.7	6.9	
RAD-PR8	7.0	6.3	7.7	6.7	7.0	7.3	7.0	6.0	6.9	
SR 4600 (SRX 4SP)	7.7	6.0	6.3	5.7	8.0	7.7	7.7	6.7	6.9	
RINGER II (04-BEN)	6.7	6.7	6.0	6.3	6.7	7.7	7.7	6.7	6.8	
BRIGHTSTAR SLT	6.0	6.7	6.7	6.0	6.7	7.7	7.3	6.3	6.8	
CABO II (IS-PR 233)	9.0	7.3	7.0	6.0	6.3	7.3	7.0	6.7	6.8	
CITATION FORE	7.3	6.3	6.7	6.0	7.0	7.7	7.3	6.7	6.8	

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS								MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	NOV		
PENTIUM	6.7	7.0	7.0	7.0	6.3	7.3	7.0	6.0	6.8	
PHENOM (APR 1660)	7.0	5.3	6.7	6.3	7.3	7.3	7.3	7.0	6.8	
PST-217	7.7	7.0	7.0	6.7	6.7	7.0	7.0	6.3	6.8	
QUICKSILVER	9.0	6.7	7.3	5.3	6.7	8.0	7.0	6.3	6.8	
GOALKEEPER II (JR-114)	6.7	6.3	7.0	6.0	6.3	7.3	7.3	6.3	6.7	
GRAY STAR (PST-2LGL)	8.0	6.3	7.0	6.3	6.7	7.3	7.0	6.3	6.7	
HEADSTART 2	8.3	6.7	6.7	5.3	7.0	7.3	7.0	7.0	6.7	
MANHATTAN 5 GLR (PST-2AM)	7.0	6.3	7.0	6.3	6.7	7.3	7.0	6.3	6.7	
PM 102	9.0	6.3	6.7	5.0	6.7	8.0	7.3	7.0	6.7	
PALMER III	6.7	6.3	6.3	6.0	6.7	7.3	6.7	6.7	6.6	
PREMIER II	6.3	6.7	7.0	6.0	6.3	7.0	7.0	6.0	6.6	
LINE DRIVE GLS (APR 1797)	7.0	6.3	6.7	6.3	6.3	6.7	6.7	6.3	6.5	
BAR LP 4317	6.3	7.0	6.3	6.0	6.3	7.0	6.3	5.7	6.4	
BAR LP 4920	7.7	6.0	6.7	5.3	6.0	7.3	7.0	6.7	6.4	
PIANIST (DP 17-9505)	7.3	6.7	7.0	5.7	6.0	6.7	6.7	5.7	6.3	
DP 17-9788	6.3	6.3	6.3	5.7	6.3	6.7	6.7	5.7	6.2	
APR 1670	6.7	5.0	5.7	5.7	6.3	7.0	6.7	6.0	6.0	
AFFINITY	4.3	5.7	6.0	6.0	6.0	6.0	5.7	4.7	5.7	
LPR 02203	4.7	6.3	6.7	4.7	5.7	5.7	5.7	5.0	5.7	
BARLENNIUM	6.3	5.3	5.3	5.7	5.3	6.0	6.0	5.7	5.6	
PANTHER	4.7	6.3	5.3	5.0	6.0	5.7	5.7	5.0	5.6	
PREMIER	4.7	5.0	6.0	5.0	4.7	5.0	5.0	5.0	5.1	
SRX 4682	6.3	4.3	5.0	4.3	5.0	5.7	6.0	5.3	5.1	
PINNACLE	4.3	4.0	3.7	4.0	4.3	5.0	5.0	4.3	4.3	
LINN	4.0	1.0	2.0	2.3	2.0	2.3	2.3	1.0	1.9	
LSD VALUE	0.9	1.1	1.1	1.5	1.2	1.2	1.0	0.8	0.6	
C.V. (%)	7.9	10.7	10.0	12.8	10.6	9.6	8.8	7.8	5.9	

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

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

TABLE 20.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER		QUALITY RATINGS							MEAN
			SPRING	ANTHRACNOSE	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
ALLSTAR 3 (IS-PR 274)	5.5	4.8	99.0	2.8	6.5	6.5	6.8	6.0	7.3	7.3	6.3	6.6
ATTRIBUTE (IS-PR 270)	5.5	4.8	98.8	2.5	6.5	6.8	7.3	6.8	6.5	6.8	6.0	6.6
EDGE II (AC2)	6.5	4.3	98.5	2.3	6.5	7.0	6.3	6.3	6.5	7.3	6.5	6.6
HOMERUN (RG3P)	5.5	4.3	99.0	2.0	5.5	7.0	7.5	6.3	7.0	6.8	6.3	6.6
REGAL 5 (IS-PR 271)	7.0	4.5	98.8	6.3	6.8	6.5	7.0	5.3	6.8	7.3	6.8	6.6
STELLAR GL (IS-PR 236)	6.0	4.0	99.0	2.3	6.0	6.8	7.3	6.5	6.8	6.8	6.0	6.6
AMAZING GS (IS-PR 276)	6.5	4.8	99.0	1.5	6.0	6.3	6.8	7.0	6.5	6.8	6.3	6.5
DERBY XTREME (IS-PR 268)	5.5	4.5	99.0	3.5	5.8	6.5	6.0	6.3	7.8	7.0	6.3	6.5
FIESTA 4 (PICK F4)	6.0	5.3	99.0	3.5	5.8	6.3	7.0	5.5	6.3	7.8	7.0	6.5
MMW	6.3	5.0	98.8	2.8	5.8	6.3	7.0	6.0	6.8	7.0	6.5	6.5
PALACE (IS-PR 273)	6.8	5.0	98.8	4.8	6.3	6.5	6.5	5.5	7.0	7.3	6.5	6.5
PALMER IV	5.3	4.8	99.0	3.0	5.8	6.3	6.8	5.3	6.8	7.8	6.8	6.5
PROTEGE GLR	7.0	4.8	99.0	2.5	6.5	6.0	6.3	5.8	6.8	7.5	6.5	6.5
APPLE GL (AAZ-B104)	5.0	5.0	99.0	3.8	5.8	6.5	6.5	6.0	6.0	7.3	6.5	6.4
ASP6002 (BPR)	7.3	4.8	98.8	5.3	5.8	7.0	6.3	5.3	7.0	6.8	6.5	6.4
CALYPSO 3 (MS2)	6.0	5.0	99.0	2.0	6.3	6.5	6.3	6.3	6.8	7.0	6.0	6.4
KEYSTONE 2 (IS-PR 312)	5.8	4.5	98.8	1.3	5.8	6.0	6.8	6.8	7.0	6.5	5.8	6.4
KOKOMO II (IS-PR 235)	6.3	4.5	99.0	4.8	6.0	6.5	6.0	5.8	7.0	6.5	6.8	6.4
L44	8.5	4.8	98.5	3.3	6.3	6.5	6.3	5.8	6.3	7.3	6.3	6.4
NEXUS XD (SP4)	8.0	5.0	98.5	7.8	6.3	6.0	6.0	5.0	7.0	7.5	6.8	6.4
PLEASURE SUPREME (PM 103)	6.3	4.5	99.0	4.3	6.0	6.5	6.0	5.8	6.8	7.3	6.5	6.4
PRESIDIO (CNV)	7.5	5.3	98.8	7.0	6.0	6.5	6.0	5.3	7.5	7.3	6.5	6.4
GRAY FOX (PST-2MNG)	6.3	4.5	98.8	5.3	5.3	6.5	7.0	6.5	7.0	6.5	6.0	6.4
REVENGE GLX (JR-348)	6.5	4.5	98.8	16.5	6.3	6.3	7.3	5.5	6.3	6.8	6.5	6.4
ASP6004 (EXS54)	7.3	4.8	99.0	5.8	6.5	6.3	6.8	5.5	6.3	6.8	6.3	6.3
BRIGHTSTAR SLT	5.3	5.3	98.8	4.5	5.8	6.0	7.3	6.0	6.5	6.5	6.0	6.3
UNO (D04-11T)	5.5	4.0	99.0	3.8	6.0	6.3	6.5	6.0	6.3	6.5	6.3	6.3
DCM	4.8	5.0	98.8	4.5	6.3	6.8	6.3	6.0	6.8	6.5	5.8	6.3
FIJI (GPR)	7.8	5.0	99.0	7.5	6.5	6.8	7.0	4.8	5.5	7.3	6.3	6.3
MACH I	5.5	5.0	99.0	5.3	6.3	6.8	6.3	4.8	6.0	7.3	6.5	6.3
PM 102	7.8	5.3	98.5	3.5	6.5	6.5	5.8	5.0	5.8	7.3	7.0	6.3
PRIMARY (IS-PR 269)	5.3	5.0	98.8	2.3	5.8	6.3	6.8	6.0	6.3	6.8	6.3	6.3
RNS	5.0	4.8	98.8	3.0	5.5	6.3	6.5	6.3	6.3	6.8	6.3	6.3
TR47	8.0	5.0	98.5	7.3	6.0	6.8	5.5	5.0	6.8	8.0	6.0	6.3
WIND DANCE 2 (PWDR)	7.5	4.5	99.0	3.8	6.0	6.8	6.3	5.0	6.0	7.0	6.8	6.3
1G SQUARED (APR 1664)	5.0	5.5	98.8	4.8	6.0	6.3	6.5	5.5	5.8	7.0	6.3	6.2
ASP6001 (RTS)	7.3	5.3	98.8	4.5	6.3	6.3	6.0	5.5	6.3	6.8	6.3	6.2
ASP6003 (TRS)	7.8	4.8	99.0	5.0	5.5	6.5	6.8	5.3	7.0	6.0	6.3	6.2
ASP6006 (LPFG)	7.3	5.3	99.0	5.0	6.5	6.3	6.0	5.0	5.8	7.5	6.5	6.2
CUTTER II (PM 101)	6.5	4.5	98.3	5.3	6.3	6.5	6.8	5.3	6.0	6.3	6.5	6.2
DP1	6.0	4.5	99.0	5.3	5.8	6.5	6.5	5.0	6.3	7.0	6.3	6.2
SILVER DOLLAR	5.5	5.5	98.8	3.0	5.5	6.8	6.8	6.0	6.0	6.5	5.8	6.2
ZOOM (LCK)	5.8	4.8	99.0	3.3	6.0	6.3	6.0	5.3	6.8	6.8	6.3	6.2
AF	5.5	5.8	99.0	3.3	6.0	6.0	6.8	5.5	6.3	6.3	6.0	6.1
ASP6005 (AJM)	7.5	4.5	98.8	6.0	6.0	6.5	6.0	5.0	6.0	6.5	6.8	6.1
FIREBOLT (PRG HS-01-09)	8.3	4.5	97.5	4.8	5.8	6.5	5.8	5.5	6.0	6.8	6.8	6.1
GRAND SLAM 2 (PST-2GSM)	5.5	4.3	98.5	5.8	6.0	6.0	6.0	6.5	6.0	6.3	6.0	6.1

TABLE 20. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT COVER		QUALITY RATINGS						MEAN	
			SPRING	ANTHRACNOSE	MAY	JUN	JUL	AUG	SEP	OCT		NOV
NEXUS XR (SNR)	7.3	4.5	99.0	6.8	5.8	6.5	6.0	4.5	6.3	7.0	6.8	6.1
OVERDRIVE	5.5	5.0	99.0	5.8	6.5	6.5	6.3	4.8	6.5	6.5	6.0	6.1
PARAGON GLR	6.3	4.8	99.0	4.0	5.5	6.3	5.8	5.5	6.3	7.3	6.3	6.1
PICK 02-R	7.0	4.0	98.8	5.3	6.0	6.8	6.3	5.0	5.8	6.0	6.8	6.1
PST-2LAN	5.3	4.8	98.8	1.3	6.0	6.0	6.5	6.5	6.0	6.3	5.8	6.1
MAJESTY II (VB77)	8.3	5.5	99.0	6.3	5.5	6.8	6.0	5.0	6.5	7.0	6.3	6.1
VB99	7.8	5.3	98.8	4.5	5.8	6.5	6.0	5.3	6.3	7.0	6.3	6.1
CABO II (IS-PR 233)	7.0	4.5	99.0	7.3	5.0	6.8	6.3	5.8	5.8	6.3	6.3	6.0
TRANSFORMER (D04-1667)	5.3	5.5	99.0	6.3	6.0	6.8	6.5	4.5	5.8	6.3	6.0	6.0
DART (APR 1663)	5.0	5.0	97.8	3.5	5.3	6.3	6.8	5.3	5.8	6.8	5.8	6.0
ES45	8.5	5.8	98.8	6.8	6.0	6.3	5.5	5.3	5.8	6.5	6.5	6.0
FUSION	6.8	4.8	99.0	7.0	6.5	6.5	7.0	4.8	5.3	6.0	6.0	6.0
PENTIUM	5.0	5.0	98.3	3.8	5.8	6.3	6.8	5.3	6.3	6.3	5.8	6.0
PIZZAZZ	5.5	5.5	99.0	7.0	5.5	6.0	6.0	5.0	6.3	6.8	6.5	6.0
RAD-PR8	5.3	5.0	98.8	6.0	5.8	6.3	7.3	5.3	5.8	6.3	5.8	6.0
ACCENT II (JR-119)	6.3	4.8	98.8	16.0	5.5	6.3	6.3	5.5	6.0	6.0	6.0	5.9
DASHER 3 (PICK RB-1)	6.0	4.3	98.8	5.0	6.3	5.8	6.0	5.0	6.0	6.0	6.3	5.9
EXACTA II GLSR (LTP-611-GLSR)	6.0	4.8	98.8	3.8	5.0	6.3	5.5	4.8	6.0	7.0	6.5	5.9
GRAY STAR (PST-2LGL)	5.8	4.3	99.0	7.0	6.3	6.3	6.5	5.5	5.3	5.8	6.0	5.9
HALO (KN42)	8.3	5.0	98.8	4.3	6.0	6.5	5.5	4.5	5.8	7.3	6.0	5.9
HARRIER (SRX 4UP3)	5.5	4.5	99.0	7.0	5.8	6.0	6.3	4.0	6.0	7.0	6.3	5.9
HEADSTART 2	6.8	4.5	98.3	7.3	6.0	6.0	5.8	4.3	5.5	7.0	6.5	5.9
PST-217	6.3	4.5	99.0	5.8	5.5	6.3	6.8	5.3	5.5	5.8	6.0	5.9
QUICKSILVER	6.8	4.5	99.0	5.3	5.8	6.3	5.8	5.5	5.8	6.3	5.8	5.9
SR 4600 (SRX 4SP)	5.8	5.8	98.8	7.0	6.0	6.3	6.5	3.8	5.8	6.8	6.5	5.9
TOP GUN II (JR-324)	6.5	5.0	98.8	14.0	6.3	6.5	5.5	5.8	5.8	5.8	5.8	5.9
RINGER II (04-BEN)	4.8	5.3	98.5	5.5	5.0	6.0	6.0	5.3	6.3	6.0	6.0	5.8
BUENA VISTA	5.8	4.5	99.0	6.0	5.0	6.0	6.3	4.8	5.5	6.5	6.5	5.8
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.3	5.0	98.5	5.8	5.3	6.3	6.0	4.8	6.0	6.8	5.8	5.8
CITATION FORE	5.5	5.5	98.5	4.0	5.5	6.0	6.3	5.3	5.8	5.5	6.3	5.8
D04-LP05	5.8	4.3	98.8	6.0	5.0	5.8	5.3	4.8	6.5	6.8	6.3	5.8
DP 17-9499	5.8	4.8	99.0	16.0	6.0	6.5	5.5	4.0	5.3	6.8	6.5	5.8
PANTHER GLS	4.8	5.3	98.0	6.8	5.3	6.0	6.5	4.0	6.3	6.8	6.0	5.8
PST-2AG4	6.5	4.5	98.8	4.0	5.8	5.8	5.3	5.3	6.0	6.0	6.3	5.8
REPELL GLS	5.5	5.0	98.3	9.5	5.8	6.0	6.3	4.3	5.3	6.5	6.5	5.8
HAWKEYE 2 (SRX 4692)	6.0	5.3	96.3	6.8	5.8	6.3	6.0	4.5	5.5	6.5	5.8	5.8
BARLENNIUM	4.3	5.8	98.5	12.5	5.3	6.3	6.8	3.8	5.8	6.3	5.8	5.7
DP 17-9788	5.0	5.0	99.0	3.8	6.3	5.8	6.8	5.5	5.5	5.5	4.8	5.7
GALATTI (DP 17-9502)	5.0	5.8	99.0	8.3	6.3	5.8	6.3	5.0	5.3	5.8	5.8	5.7
MONTEREY 3 (JR-408)	6.8	4.3	98.8	3.8	5.3	6.0	5.3	5.5	5.8	5.8	6.3	5.7
PINNACLE II	5.3	4.8	99.0	10.0	5.5	6.3	5.8	4.5	5.8	6.5	5.8	5.7
PS-2	5.5	4.0	99.0	5.8	6.0	6.0	5.8	4.8	5.5	5.8	6.0	5.7
PST-2BLK	7.3	4.5	98.5	16.8	5.8	6.0	6.5	4.5	5.8	5.5	5.8	5.7
SECRETARIAT II GLSR (LTP-101-GLSR)	5.5	5.0	98.5	8.8	5.8	6.0	6.3	4.8	5.3	6.3	5.5	5.7
SUNSHINE 2	7.3	4.3	98.5	7.5	6.0	6.3	5.8	4.3	5.5	6.3	5.8	5.7
BREA (04-BRE)	5.8	4.5	98.5	3.8	5.8	5.8	5.8	4.8	5.8	6.0	5.5	5.6
E-99	5.5	4.8	97.5	7.5	5.0	6.0	6.0	4.3	6.0	6.3	6.0	5.6

TABLE 20. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT		MAY	JUN	JUL	QUALITY RATINGS			NOV	MEAN
			COVER SPRING	PERCENT ANTHRACNOSE				AUG	SEP	OCT		
GL-2	4.8	4.8	98.3	5.3	5.0	5.8	5.5	4.8	6.0	6.3	5.8	5.6
GOALKEEPER II (JR-114)	7.0	4.8	98.8	9.3	5.5	6.0	6.3	4.0	5.5	6.0	6.3	5.6
INSPIRE	5.0	4.8	98.8	4.5	5.5	6.0	6.0	5.3	5.3	6.0	5.3	5.6
LINE DRIVE GLS (APR 1797)	5.0	4.3	98.3	7.0	5.3	6.3	5.8	3.8	5.8	6.8	5.5	5.6
APR 1670	5.3	4.8	98.5	9.8	5.8	6.0	5.8	3.8	5.8	6.3	5.3	5.5
CADDIESHACK II (JR-163)	6.3	5.0	98.5	7.5	6.0	6.0	6.3	4.3	5.0	6.0	5.3	5.5
DEFENDER (D04-UP)	5.8	4.5	98.8	10.8	5.5	6.0	5.8	3.8	5.3	6.0	6.0	5.5
LA QUINTA (JR-255)	7.8	4.8	98.3	12.8	5.5	6.5	5.5	4.3	5.0	5.8	5.8	5.5
MANHATTAN 5 GLR (PST-2AM)	5.0	5.0	97.5	9.8	5.0	6.0	6.3	5.3	5.0	6.0	5.3	5.5
PIANIST (DP 17-9505)	5.3	4.5	98.8	14.3	5.3	6.3	6.0	3.8	5.3	6.3	5.8	5.5
BAR LP 4317	4.5	4.5	98.3	11.5	5.0	6.3	6.3	3.8	5.3	5.8	5.3	5.4
BAR LP 4920	4.8	5.5	98.5	15.0	5.3	6.0	5.5	3.8	5.0	5.8	6.3	5.4
PALMER III	4.8	4.8	98.0	4.8	5.0	5.8	5.3	5.0	5.3	5.8	6.0	5.4
PREMIER II	4.8	6.3	98.0	12.5	4.8	6.0	6.3	3.5	5.0	6.3	5.8	5.4
APR 1648	5.3	5.0	99.0	17.0	5.8	6.5	6.5	1.3	4.3	6.3	6.3	5.3
DELAWARE XL (PICK 01-2)	6.5	4.3	98.8	23.3	5.8	6.5	5.5	2.8	5.0	5.0	6.0	5.2
PHENOM (APR 1660)	5.8	5.0	97.8	17.5	5.5	6.0	6.0	3.3	4.3	5.5	5.8	5.2
SRX 4682	4.5	4.3	99.0	12.5	5.0	5.5	5.8	3.5	4.8	6.0	5.8	5.2
BAR LP 4420	5.5	4.8	99.0	19.8	5.8	5.8	5.8	3.0	4.5	5.5	5.8	5.1
PANTHER	4.0	5.0	98.5	10.3	5.0	5.5	5.5	4.0	4.8	5.3	5.0	5.0
AFFINITY	3.5	6.0	97.0	7.8	4.3	5.3	5.0	5.0	4.8	5.0	5.0	4.9
PREMIER	3.8	6.5	96.5	8.3	4.3	5.0	5.0	4.3	4.8	4.8	5.5	4.8
LPR 02203	3.8	5.3	98.5	12.8	4.3	5.0	4.5	3.8	4.8	5.0	5.3	4.6
PINNACLE	3.5	7.0	94.8	23.3	3.8	5.0	4.3	2.8	4.0	4.0	4.3	4.0
LINN	2.3	7.0	79.8	32.5	2.0	3.0	2.8	1.3	2.3	3.0	2.0	2.3
LSD VALUE	1.0	1.2	1.0	8.3	1.2	0.7	1.1	1.3	1.2	1.2	0.9	0.5
C.V. (%)	12.5	14.9	0.8	78.6	13.8	8.2	12.2	18.7	14.4	13.0	10.2	6.9

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 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT	PERCENT	PERCENT	QUALITY RATINGS		
		COVER SUMMER	COVER FALL	WINTER KILL	AUG	SEP	MEAN
ATTRIBUTE (IS-PR 270)	.	65.7	53.3	76.7	7.0	.	7.0
PIANIST (DP 17-9505)	.	50.0	36.7	73.3	7.0	.	7.0
ZOOM (LCK)	7.0	97.0	95.3	53.3	6.3	7.0	6.7
AF	7.0	83.0	78.3	80.0	7.0	6.0	6.5
AMAZING GS (IS-PR 276)	7.0	83.3	79.3	70.0	6.5	6.5	6.5
ASP6005 (AJM)	7.5	90.0	77.3	60.0	6.5	6.5	6.5
DP1	7.0	64.0	63.3	66.7	6.5	6.5	6.5
FIESTA 4 (PICK F4)	7.0	92.3	85.0	66.7	6.5	6.3	6.5
GALATTI (DP 17-9502)	6.7	90.7	85.0	66.7	6.5	6.3	6.5
PANTHER	5.5	75.0	63.3	66.7	.	6.5	6.5
CALYPSO 3 (MS2)	7.3	94.0	87.3	63.3	6.0	6.3	6.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	79.0	73.3	60.0	6.5	6.0	6.3
EXACTA II GLSR (LTP-611-GLSR)	7.0	95.7	91.0	63.3	6.3	6.3	6.3
PICK 02-R	8.5	88.3	71.7	56.7	6.5	6.0	6.3
PINNACLE II	7.0	90.7	82.3	60.0	6.0	6.5	6.3
PRESIDIO (CNV)	6.7	81.7	81.7	76.7	6.7	6.0	6.3
PROTEGE GLR	7.0	65.0	60.7	63.3	6.0	6.5	6.3
QUICKSILVER	7.3	94.0	88.3	66.7	6.7	6.0	6.3
REVENGE GLX (JR-348)	7.0	81.0	65.0	70.0	6.0	6.5	6.3
SILVER DOLLAR	7.0	91.7	85.7	56.7	6.5	6.0	6.3
TR47	8.0	91.7	85.0	70.0	6.7	6.0	6.3
ASP6004 (EXS54)	7.0	90.7	85.0	66.7	6.0	6.3	6.2
BAR LP 4317	6.0	93.3	90.3	53.3	6.3	6.0	6.2
DEFENDER (D04-UP)	6.7	93.3	89.0	63.3	5.7	6.7	6.2
DCM	6.3	97.0	92.7	53.3	6.3	6.0	6.2
DP 17-9499	6.7	94.0	90.7	60.0	6.3	6.0	6.2
GL-2	7.0	91.7	85.0	56.7	5.7	6.7	6.2
HARRIER (SRX 4UP3)	6.7	95.0	90.0	56.7	6.0	6.3	6.2
KEYSTONE 2 (IS-PR 312)	6.3	95.0	89.3	63.3	6.0	6.3	6.2
OVERDRIVE	6.7	88.3	87.7	56.7	6.3	6.0	6.2
PHENOM (APR 1660)	6.7	84.0	80.0	63.3	6.3	6.0	6.2
REPELL GLS	6.5	91.7	89.0	60.0	6.0	6.0	6.2
VB99	7.7	96.3	93.7	60.0	5.7	6.7	6.2
RINGER II (04-BEN)	7.0	86.7	74.0	63.3	6.0	5.0	6.0
ALLSTAR 3 (IS-PR 274)	7.5	84.0	80.0	73.3	5.5	6.5	6.0
APR 1648	7.3	95.0	91.7	53.3	5.7	6.3	6.0
BAR LP 4420	6.5	91.0	86.7	70.0	6.0	6.0	6.0
CABO II (IS-PR 233)	7.3	90.7	91.7	56.7	5.5	6.0	6.0
UNO (D04-11T)	7.3	89.3	88.7	66.7	5.7	6.3	6.0
D04-LP05	6.5	73.3	57.3	73.3	6.0	6.0	6.0
DELAWARE XL (PICK 01-2)	8.0	91.7	85.0	66.7	6.5	5.5	6.0
DERBY XTREME (IS-PR 268)	7.0	92.3	88.3	60.0	6.3	5.7	6.0
EDGE II (AC2)	7.5	92.3	86.0	53.3	6.0	6.0	6.0
FIREBOLT (PRG HS-01-09)	7.0	83.3	80.0	63.3	6.5	5.5	6.0
GOALKEEPER II (JR-114)	7.0	81.0	61.7	66.7	5.0	7.0	6.0
FIJI (GPR)	7.0	72.3	78.3	66.7	6.5	5.5	6.0
NEXUS XD (SP4)	7.3	93.3	83.3	63.3	6.0	6.0	6.0

TABLE 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT	PERCENT	PERCENT	QUALITY RATINGS		
		COVER SUMMER	COVER FALL	WINTER KILL	AUG	SEP	MEAN
PANTHER GLS	6.3	95.7	92.3	63.3	5.7	6.3	6.0
PENTIUM	6.3	91.7	92.7	56.7	6.0	6.0	6.0
PIZZAZZ	6.5	70.0	63.3	76.7	5.5	6.5	6.0
PLEASURE SUPREME (PM 103)	7.3	87.7	87.7	66.7	6.0	6.0	6.0
PM 102	7.5	85.7	80.7	56.7	6.0	6.0	6.0
PST-2LAN	6.0	90.7	82.7	53.3	.	6.0	6.0
TOP GUN II (JR-324)	7.0	85.0	77.3	70.0	6.0	6.0	6.0
BREA (04-BRE)	6.5	78.3	61.7	70.0	6.0	5.5	5.8
1G SQUARED (APR 1664)	7.0	96.0	91.7	53.3	5.7	6.0	5.8
ASP6001 (RTS)	7.0	85.0	79.0	70.0	6.0	5.5	5.8
ASP6003 (TRS)	7.0	81.7	69.3	70.0	6.5	5.0	5.8
CADDIESHACK II (JR-163)	6.3	95.0	90.7	60.0	6.0	5.7	5.8
CITATION FORE	6.7	90.7	86.7	70.0	5.5	6.0	5.8
CUTTER II (PM 101)	7.0	85.7	83.3	73.3	6.0	5.7	5.8
TRANSFORMER (D04-1667)	7.0	70.0	65.0	63.3	5.5	6.0	5.8
DART (APR 1663)	6.3	95.7	90.7	63.3	6.0	5.7	5.8
DASHER 3 (PICK RB-1)	7.0	79.0	66.7	63.3	5.5	6.0	5.8
ES45	7.5	75.0	74.3	70.0	6.0	5.5	5.8
FUSION	7.0	95.0	90.0	66.7	5.3	6.3	5.8
GRAY STAR (PST-2LGL)	7.0	93.3	88.3	60.0	6.0	5.5	5.8
HEADSTART 2	7.0	86.3	85.0	53.3	6.0	5.0	5.8
HOMERUN (RG3P)	6.5	90.7	84.3	66.7	6.0	5.5	5.8
MACH I	6.5	94.0	92.3	60.0	5.0	6.5	5.8
MMW	7.0	96.3	92.3	66.7	6.0	5.7	5.8
MONTEREY 3 (JR-408)	6.5	59.0	58.3	76.7	5.5	6.0	5.8
PALACE (IS-PR 273)	7.0	89.0	81.0	63.3	6.0	5.5	5.8
PALMER IV	7.3	94.7	88.3	56.7	5.7	6.0	5.8
PARAGON GLR	7.0	94.7	86.7	60.0	5.0	6.7	5.8
PREMIER II	6.0	94.7	91.7	53.3	5.7	6.0	5.8
PRIMARY (IS-PR 269)	7.0	96.7	94.3	56.7	5.3	6.3	5.8
PST-2AG4	7.0	65.0	61.7	70.0	6.0	5.5	5.8
RAD-PR8	6.3	93.3	92.3	60.0	6.0	5.7	5.8
SECRETARIAT II GLSR (LTP-101-GLSR)	6.3	87.7	87.3	70.0	6.0	5.7	5.8
SUNSHINE 2	7.7	93.0	88.3	60.0	5.7	6.0	5.8
WIND DANCE 2 (PWDR)	7.0	77.3	71.0	60.0	6.0	5.5	5.8
ACCENT II (JR-119)	6.0	90.0	87.3	70.0	5.5	5.7	5.7
APPLE GL (AAZ-B104)	7.0	96.0	91.7	56.7	5.5	5.7	5.7
ASP6006 (LPFG)	7.3	90.7	84.3	66.7	5.7	5.7	5.7
BUENA VISTA	7.3	96.0	93.3	63.3	5.3	6.0	5.7
E-99	6.3	93.0	88.3	63.3	5.3	6.0	5.7
INSPIRE	6.7	89.0	83.3	56.7	5.7	5.7	5.7
KOKOMO II (IS-PR 235)	7.0	93.3	90.7	63.3	6.0	5.0	5.7
L44	8.0	90.0	83.3	70.0	5.3	6.0	5.7
LA QUINTA (JR-255)	7.5	83.3	78.3	66.7	6.0	5.5	5.7
PS-2	6.0	90.0	90.0	66.7	5.3	6.0	5.7
PST-217	6.3	90.7	84.0	73.3	6.0	5.3	5.7
REGAL 5 (IS-PR 271)	7.3	85.7	88.3	63.3	6.0	5.3	5.7

TABLE 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT	PERCENT	PERCENT	QUALITY RATINGS		
		COVER SUMMER	COVER FALL	WINTER KILL	AUG	SEP	MEAN
STELLAR GL (IS-PR 236)	7.0	92.7	89.0	70.0	6.0	5.3	5.7
MAJESTY II (VB77)	7.0	96.7	94.3	53.3	6.0	5.3	5.7
BAR LP 4920	6.5	90.0	79.3	70.0	5.0	5.5	5.5
BARLENNIUM	6.0	83.3	83.3	70.0	6.0	5.5	5.5
BRIGHTSTAR SLT	6.3	84.0	78.3	63.3	5.7	5.3	5.5
HALO (KN42)	7.0	87.3	86.7	66.7	5.7	5.3	5.5
LPR 02203	5.0	61.7	53.3	76.7	5.0	6.0	5.5
NEXUS XR (SNR)	6.5	75.7	63.3	63.3	5.5	5.5	5.5
PALMER III	6.0	92.3	83.3	66.7	6.0	5.0	5.5
PST-2BLK	7.0	73.3	58.3	76.7	5.5	5.0	5.5
GRAY FOX (PST-2MNG)	6.5	80.7	58.3	76.7	5.0	6.0	5.5
RNS	7.0	93.3	88.3	60.0	5.3	5.7	5.5
HAWKEYE 2 (SRX 4692)	7.0	93.3	79.0	66.7	6.0	4.0	5.5
APR 1670	7.3	85.7	80.0	63.3	5.0	5.7	5.3
LINE DRIVE GLS (APR 1797)	6.3	93.7	93.3	56.7	5.7	5.0	5.3
SR 4600 (SRX 4SP)	7.0	88.3	83.3	63.3	5.3	5.3	5.3
AFFINITY	4.7	92.3	93.3	66.7	5.3	4.7	5.0
ASP6002 (BPR)	7.0	68.3	63.3	73.3	5.5	4.5	5.0
GRAND SLAM 2 (PST-2GSM)	6.0	81.7	72.0	70.0	5.0	5.0	5.0
PREMIER	4.0	95.7	91.7	50.0	4.7	4.7	4.7
DP 17-9788	7.0	78.3	73.3	60.0	4.0	5.0	4.5
SRX 4682	6.0	89.7	80.7	56.7	5.0	4.0	4.5
MANHATTAN 5 GLR (PST-2AM)	6.0	81.7	66.7	73.3	.	4.0	4.0
PINNACLE	4.3	95.0	91.7	53.3	3.7	4.3	4.0
LINN	3.0	75.7	40.0	66.7	4.0	2.0	3.0
LSD VALUE	1.0	73.3	76.2	55.6	1.7	1.5	1.0
C.V. (%)	7.8	18.7	24.3	18.3	10.9	11.7	8.4

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 22.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS											MEAN
	GENETIC COLOR	SPRING GREENUP	SNOW MOLD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PALMER IV	8.3	5.3	4.3	3.3	5.3	7.3	7.3	8.0	7.7	7.0	6.7	6.6
CADDIESHACK II (JR-163)	6.3	4.7	4.0	3.7	5.7	7.0	6.7	7.3	7.3	6.3	7.0	6.4
BARLENNIUM	5.7	5.7	5.3	4.3	7.0	7.0	6.0	7.0	6.3	6.0	6.3	6.3
EXACTA II GLSR (LTP-611-GLSR)	7.0	4.7	3.7	3.3	5.3	7.3	6.0	7.0	7.3	7.0	6.7	6.3
1G SQUARED (APR 1664)	6.7	6.0	5.0	4.0	5.7	7.3	6.7	7.0	7.3	5.3	6.0	6.2
AMAZING GS (IS-PR 276)	8.0	5.7	3.7	3.3	5.0	7.3	6.7	7.7	7.3	6.3	6.0	6.2
UNO (D04-11T)	7.0	4.3	3.7	3.0	4.3	7.7	7.3	7.0	7.7	5.7	6.0	6.1
FIESTA 4 (PICK F4)	8.0	5.3	4.0	3.0	5.3	7.3	7.0	7.7	7.3	5.7	5.3	6.1
REGAL 5 (IS-PR 271)	7.7	4.7	4.0	3.3	5.3	6.7	6.3	6.3	7.3	6.7	6.7	6.1
TRANSFORMER (D04-1667)	7.0	5.0	4.7	3.3	4.7	6.7	6.7	7.3	7.0	5.7	6.7	6.0
DART (APR 1663)	6.0	4.3	4.0	3.3	5.3	6.7	6.3	6.3	6.7	7.0	6.0	6.0
DASHER 3 (PICK RB-1)	7.7	5.7	3.3	3.0	4.3	7.3	6.3	7.3	7.3	5.7	6.3	6.0
DCM	6.7	4.3	3.3	2.7	4.7	7.3	7.0	7.3	7.0	6.0	6.0	6.0
MMW	7.0	5.3	3.7	3.3	5.7	7.7	6.7	6.7	6.3	5.7	6.0	6.0
OVERDRIVE	7.3	4.7	2.7	3.0	4.3	6.3	6.3	7.3	7.3	6.3	6.7	6.0
PALACE (IS-PR 273)	7.7	4.3	3.7	3.3	4.3	7.3	6.3	7.0	7.3	6.3	6.3	6.0
PARAGON GLR	7.0	5.3	3.7	3.7	5.3	6.7	6.7	7.0	7.0	5.7	5.7	6.0
VB99	7.7	4.3	3.7	3.0	4.7	7.0	6.0	6.7	7.7	6.3	6.3	6.0
CUTTER II (PM 101)	7.3	5.0	4.3	3.7	5.0	7.7	6.3	6.7	6.3	5.3	6.0	5.9
INSPIRE	6.7	5.0	4.3	3.0	5.0	6.7	6.3	6.7	6.7	6.7	6.0	5.9
NEXUS XR (SNR)	8.0	5.7	3.3	3.0	5.7	7.7	6.3	7.0	6.7	5.7	5.3	5.9
RNS	6.7	5.7	3.7	3.3	5.0	7.0	6.3	7.3	7.0	5.7	5.7	5.9
SR 4600 (SRX 4SP)	7.0	4.7	3.7	3.3	4.7	6.3	6.3	6.7	7.7	6.0	6.0	5.9
APR 1648	7.3	5.3	3.7	3.3	4.7	7.0	6.0	7.0	6.7	6.3	5.7	5.8
CABO II (IS-PR 233)	8.0	5.3	3.3	3.0	4.7	6.7	6.3	7.0	6.7	6.0	5.7	5.8
DP 17-9499	7.0	4.0	3.0	3.0	4.7	7.3	5.7	6.7	7.0	6.3	6.0	5.8
HARRIER (SRX 4UP3)	6.7	4.0	2.7	3.0	4.3	6.7	6.0	6.7	7.0	6.0	6.7	5.8
MONTEREY 3 (JR-408)	6.7	5.3	4.0	3.0	5.0	6.7	6.3	7.0	7.0	6.0	5.7	5.8
SRX 4682	6.3	5.7	3.3	3.0	4.7	6.0	5.3	7.0	6.7	6.7	6.7	5.8
CALYPSO 3 (MS2)	6.7	4.7	3.3	3.0	4.3	7.3	6.3	7.0	7.0	5.0	5.7	5.7
GRAND SLAM 2 (PST-2GSM)	6.7	4.7	3.7	3.0	4.7	6.7	6.0	7.0	6.3	5.7	6.0	5.7
PIZZAZZ	6.7	4.7	4.7	3.3	4.3	6.0	6.0	7.0	6.7	6.3	6.0	5.7
BAR LP 4420	7.0	5.7	4.0	3.0	5.0	7.0	5.7	6.3	6.3	6.0	5.7	5.6
DERBY XTREME (IS-PR 268)	7.3	4.3	3.3	2.7	4.0	6.0	5.7	7.0	7.3	6.3	6.0	5.6
LINE DRIVE GLS (APR 1797)	6.0	5.3	4.3	3.3	5.0	6.3	6.0	6.3	6.3	5.3	6.0	5.6
PENTIUM	5.7	4.7	4.0	3.0	4.7	6.0	5.0	6.7	6.7	6.3	6.3	5.6
PLEASURE SUPREME (PM 103)	6.7	5.0	3.0	3.3	4.3	6.7	6.0	6.7	6.3	5.7	6.0	5.6
REPELL GLS	6.3	4.7	4.0	3.0	4.7	6.7	5.7	7.0	6.7	5.3	5.7	5.6
STELLAR GL (IS-PR 236)	8.0	5.7	3.3	3.0	4.0	7.0	6.0	7.3	6.7	5.3	5.7	5.6
MAJESTY II (VB77)	7.3	5.0	3.7	3.3	4.3	7.0	5.7	6.3	6.3	5.3	6.3	5.6
RINGER II (04-BEN)	6.7	4.0	3.0	3.3	5.0	5.7	5.3	6.7	6.3	6.3	5.3	5.5
BREA (04-BRE)	6.7	5.0	3.3	3.3	4.7	6.7	5.3	6.3	6.3	5.0	6.3	5.5
APR 1670	5.7	5.7	3.7	3.0	5.0	6.3	5.7	6.7	6.0	5.7	6.0	5.5
BUENA VISTA	6.7	5.3	3.7	3.3	4.7	6.3	5.7	6.3	6.3	5.0	6.0	5.5
DEFENDER (D04-UP)	6.7	4.7	2.7	3.0	4.3	5.7	5.7	6.3	6.7	6.0	6.3	5.5
DP1	7.3	4.7	2.7	3.0	3.3	7.0	5.7	6.7	7.0	6.0	5.3	5.5
FIREBOLT (PRG HS-01-09)	7.0	4.3	3.3	3.0	4.3	6.7	6.3	6.3	6.7	5.0	5.3	5.5

TABLE 22. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS											
	GENETIC COLOR	SPRING GREENUP	SNOW MOLD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
GALATTI (DP 17-9502)	6.7	4.3	3.0	3.3	4.3	7.3	6.3	6.0	5.7	5.7	5.3	5.5
PIANIST (DP 17-9505)	7.0	4.3	3.3	3.7	4.7	6.7	6.0	6.3	6.0	5.7	5.3	5.5
PRIMARY (IS-PR 269)	6.7	4.7	3.7	3.3	4.3	6.3	5.3	6.0	6.3	6.3	5.7	5.5
PST-2LAN	6.3	5.3	3.7	3.7	5.0	6.3	5.3	6.3	6.0	6.0	5.3	5.5
HAWKEYE 2 (SRX 4692)	6.7	4.7	3.0	3.0	4.0	6.0	5.0	6.7	7.0	6.3	6.0	5.5
WIND DANCE 2 (PWDR)	7.3	4.7	3.3	3.0	4.3	7.0	5.3	7.0	6.3	5.7	5.7	5.5
ACCENT II (JR-119)	6.0	5.7	4.7	3.7	5.0	6.0	5.0	6.0	6.3	5.3	5.7	5.4
ATTRIBUTE (IS-PR 270)	7.0	5.0	3.7	3.0	4.3	6.0	5.3	6.0	6.7	6.0	5.7	5.4
DP 17-9788	5.3	5.0	4.0	3.7	5.0	5.7	5.3	6.3	6.0	5.3	5.7	5.4
EDGE II (AC2)	7.0	5.3	3.3	3.0	3.3	6.7	6.3	6.7	7.0	5.0	5.0	5.4
FIJI (GPR)	7.0	4.7	3.7	3.0	4.3	6.7	5.3	6.3	6.7	5.3	5.3	5.4
PREMIER II	5.7	5.0	4.0	3.7	5.0	5.7	4.7	6.0	6.3	5.7	6.0	5.4
ALLSTAR 3 (IS-PR 274)	7.3	4.7	3.0	3.0	3.7	7.0	6.0	6.7	5.7	5.3	5.0	5.3
APPLE GL (AAZ-B104)	7.0	4.7	2.7	3.0	3.7	5.7	5.7	7.3	6.0	5.7	5.7	5.3
ASP6002 (BPR)	7.3	3.7	3.0	3.0	3.7	6.0	5.3	6.0	6.3	5.7	6.0	5.3
ASP6004 (EXS54)	7.0	3.7	2.7	2.7	3.7	7.0	6.0	6.3	6.0	5.3	5.7	5.3
BAR LP 4920	6.3	4.7	3.3	3.0	3.7	6.0	5.3	6.7	6.3	5.7	5.7	5.3
CITATION FORE	6.0	4.3	4.0	3.3	4.3	6.3	5.3	6.3	6.0	5.3	5.7	5.3
HOMERUN (RG3P)	6.3	5.3	4.0	3.0	4.7	6.0	5.3	6.7	6.3	5.3	5.0	5.3
LA QUINTA (JR-255)	7.3	5.0	2.7	2.7	3.7	6.7	6.0	6.3	6.7	5.3	5.3	5.3
PANTHER GLS	6.3	4.7	4.0	3.0	4.0	5.7	5.7	6.3	6.3	5.7	5.7	5.3
PST-217	6.0	5.0	2.3	2.7	4.0	6.7	5.7	6.0	6.7	5.3	5.0	5.3
REVENGE GLX (JR-348)	7.3	5.3	4.0	3.3	4.3	6.0	5.0	6.7	6.3	5.7	5.0	5.3
SUNSHINE 2	7.0	4.0	2.7	2.7	3.7	6.7	5.3	6.3	6.7	5.7	5.7	5.3
TOP GUN II (JR-324)	6.3	5.0	4.3	3.0	4.7	6.3	5.3	6.7	6.0	5.0	5.0	5.3
ASP6006 (LPFG)	7.7	5.0	3.0	3.3	4.0	6.7	5.3	6.3	6.0	5.0	5.0	5.2
GRAY STAR (PST-2LGL)	6.7	4.3	3.0	3.0	4.3	6.0	5.3	5.7	6.0	5.3	5.7	5.2
PHENOM (APR 1660)	6.3	5.0	3.3	3.0	4.3	6.0	5.3	5.7	6.0	5.7	5.3	5.2
PM 102	7.3	4.3	3.0	2.7	4.7	6.3	5.7	6.0	6.0	5.3	5.0	5.2
RAD-PR8	6.0	4.7	3.3	3.0	3.3	6.0	5.3	6.3	6.3	5.0	6.0	5.2
SILVER DOLLAR	6.7	5.7	4.0	3.3	4.0	6.3	5.3	6.3	5.7	5.7	5.0	5.2
ASP6001 (RTS)	6.3	4.7	2.7	3.0	4.3	6.3	5.0	5.7	6.0	5.0	5.7	5.1
BAR LP 4317	5.7	4.0	3.7	3.3	5.0	5.3	5.3	6.3	5.3	5.0	5.0	5.1
BRIGHTSTAR SLT	6.0	4.7	3.3	3.0	4.7	5.7	4.7	5.7	6.0	5.7	5.3	5.1
GL-2	6.7	5.0	2.0	2.3	4.0	6.3	5.7	6.7	6.0	5.3	4.7	5.1
KEYSTONE 2 (IS-PR 312)	6.7	3.3	2.7	2.7	3.0	5.3	5.3	7.0	6.7	5.3	5.3	5.1
KOKOMO II (IS-PR 235)	7.0	4.7	3.0	2.7	3.7	6.7	5.0	6.0	6.0	5.3	5.3	5.1
MACH I	6.3	4.3	3.0	2.7	3.3	6.3	5.3	6.3	6.3	5.0	5.3	5.1
PANTHER	4.7	5.7	4.7	4.0	5.0	5.0	5.3	5.3	6.0	4.3	5.7	5.1
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	5.3	4.3	3.3	4.0	5.0	5.0	6.0	6.7	5.3	5.7	5.1
ZOOM (LCK)	6.7	3.7	3.0	2.7	2.7	5.7	5.7	6.3	6.3	6.0	5.3	5.1
FUSION	6.7	4.7	3.7	3.0	4.0	6.0	5.3	6.0	5.0	5.0	5.3	5.0
LPR 02203	5.0	5.0	3.7	3.3	5.0	5.3	4.7	5.7	6.0	5.0	5.3	5.0
MANHATTAN 5 GLR (PST-2AM)	6.0	5.0	2.7	3.0	3.7	5.7	4.7	5.7	6.0	5.3	6.0	5.0
NEXUS XD (SP4)	7.0	3.7	3.0	3.0	4.0	6.0	5.7	5.7	5.7	5.3	5.0	5.0
GRAY FOX (PST-2MNG)	6.0	4.3	3.3	2.7	3.7	6.0	5.0	6.3	6.0	5.0	5.7	5.0
D04-LP05	6.7	3.7	2.3	3.0	3.7	5.0	4.7	5.7	6.0	5.3	5.7	4.9

TABLE 22. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS											
	GENETIC COLOR	SPRING GREENUP	SNOW MOLD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
L44	7.7	3.7	2.3	2.7	3.7	5.7	5.3	5.7	6.7	4.0	5.7	4.9
QUICKSILVER	6.0	2.7	2.3	3.0	3.7	5.7	5.0	5.7	6.0	4.7	5.3	4.9
AFFINITY	4.7	5.7	4.3	3.3	5.0	5.0	4.7	5.0	5.0	5.0	5.7	4.8
ASP6003 (TRS)	7.0	4.3	3.3	3.3	4.0	5.7	5.0	5.3	5.3	4.7	5.3	4.8
DELAWARE XL (PICK 01-2)	6.7	4.3	2.3	3.0	4.0	6.0	5.3	5.7	5.0	4.7	4.3	4.8
E-99	6.0	4.7	3.0	3.0	4.0	5.3	4.7	6.0	5.3	4.7	5.3	4.8
PICK 02-R	8.0	4.0	1.7	2.3	3.3	5.3	5.0	5.7	6.0	5.7	5.0	4.8
PS-2	6.7	4.7	3.3	3.0	3.3	5.7	4.7	5.3	5.7	5.3	5.7	4.8
TR47	7.0	4.0	3.7	3.0	4.0	6.3	5.0	6.0	5.3	4.7	4.3	4.8
GOALKEEPER II (JR-114)	5.7	5.0	3.0	3.0	3.3	4.7	5.0	5.7	6.0	5.0	4.0	4.6
HEADSTART 2	7.0	4.0	3.3	3.0	4.3	5.7	4.7	5.7	4.7	4.7	4.0	4.6
PALMER III	5.0	5.0	3.0	3.0	4.0	5.0	4.7	4.7	5.3	4.7	5.7	4.6
PINNACLE	4.0	5.0	5.3	4.3	3.7	3.7	4.3	5.3	4.7	5.0	6.0	4.6
PRESIDIO (CNV)	6.7	4.0	3.0	2.7	3.3	5.3	5.0	5.7	5.7	4.7	4.3	4.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	4.0	2.3	2.3	3.0	5.7	4.7	5.7	4.3	5.0	5.3	4.5
PROTEGE GLR	6.7	5.0	2.3	2.3	3.0	6.0	5.3	5.3	5.0	4.7	4.3	4.5
PST-2AG4	6.3	3.7	2.3	2.7	3.7	4.7	4.7	5.7	5.7	4.3	4.7	4.5
ES45	7.0	4.3	2.3	2.3	3.0	5.7	4.3	5.7	5.7	4.3	4.3	4.4
PREMIER	4.7	4.7	3.3	3.0	4.3	4.0	4.0	5.0	4.3	5.3	5.0	4.4
AF	6.0	4.0	2.7	2.3	3.0	5.0	4.7	5.0	5.0	4.7	5.0	4.3
HALO (KN42)	7.3	4.3	2.3	2.7	3.3	5.3	4.0	5.0	5.0	5.0	4.3	4.3
PINNACLE II	5.3	4.0	2.7	2.3	2.7	5.3	4.3	4.7	5.0	5.3	4.7	4.3
ASP6005 (AJM)	7.0	3.7	2.3	3.0	2.7	4.7	4.3	4.7	4.7	4.3	4.7	4.1
PST-2BLK	6.7	3.7	2.3	2.7	4.0	4.3	3.3	3.7	5.0	5.3	4.7	4.1
LINN	3.0	5.0	3.7	3.7	2.0	2.3	3.3	3.0	3.3	7.0	5.7	3.8
LSD VALUE	1.2	3.7	3.7	2.2	3.6	2.6	3.4	2.1	2.8	5.3	3.0	2.6
C.V. (%)	10.7	21.3	32.6	19.7	27.4	18.7	20.6	15.9	17.9	20.0	16.9	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 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	WINTER COLOR	DOLLAR SPOT	RED THREAD	QUALITY RATINGS										MEAN
			COVER FALL				FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT		
HOMERUN (RG3P)	7.3	8.0	88.3	6.7	5.3	7.7	7.3	7.3	7.3	6.3	5.7	5.3	4.3	5.7	6.0	6.1	
KEYSTONE 2 (IS-PR 312)	7.3	7.3	86.3	7.0	4.7	7.3	7.0	6.3	8.0	6.7	5.7	5.3	4.7	4.7	5.3	6.0	
PARAGON GLR	7.7	7.7	88.3	7.0	4.7	6.7	6.7	7.3	7.3	5.3	5.7	5.7	5.3	5.0	5.7	6.0	
ALLSTAR 3 (IS-PR 274)	8.0	8.0	88.3	7.3	4.7	6.3	7.0	6.3	7.3	5.7	5.7	5.7	5.0	4.7	5.3	5.9	
APR 1670	6.0	6.7	88.3	6.0	4.7	7.3	7.0	7.0	8.0	5.0	5.3	5.0	4.3	5.7	5.7	5.9	
CITATION FORE	7.0	7.0	93.3	6.7	6.0	7.3	7.0	6.7	6.7	5.3	5.7	5.0	4.3	5.3	7.0	5.9	
MAJESTY II (VB77)	7.7	8.0	88.3	7.0	5.7	7.7	7.0	7.0	6.7	5.3	5.7	5.3	5.0	5.0	5.7	5.9	
UNO (D04-11T)	7.3	8.0	85.0	7.3	4.3	7.3	7.3	6.7	7.3	6.3	5.0	4.7	4.0	4.7	6.0	5.8	
TRANSFORMER (D04-1667)	6.3	7.0	86.7	6.7	4.7	7.3	7.0	7.0	7.3	5.7	5.0	4.7	4.3	4.7	5.7	5.7	
DERBY XTREME (IS-PR 268)	7.7	7.7	86.7	8.0	4.0	6.3	7.0	6.3	7.3	6.3	4.7	4.7	4.3	4.7	5.7	5.7	
FIESTA 4 (PICK F4)	7.7	7.7	90.0	7.3	4.0	5.7	7.0	6.3	7.0	7.0	5.0	4.7	4.0	4.7	6.0	5.7	
GRAND SLAM 2 (PST-2GSM)	7.0	7.3	90.0	6.7	5.3	7.3	7.3	7.0	7.0	5.3	5.3	5.0	4.0	4.3	6.0	5.7	
KOKOMO II (IS-PR 235)	8.0	7.7	86.7	7.3	4.7	6.0	7.0	7.0	7.0	6.0	5.0	4.7	4.3	5.0	5.7	5.7	
MONTEREY 3 (JR-408)	8.0	7.0	85.0	5.7	4.7	6.7	7.0	6.3	7.0	6.0	5.3	4.7	4.0	5.3	5.3	5.7	
PHENOM (APR 1660)	7.7	7.7	85.0	7.0	4.7	7.3	7.0	6.7	7.7	5.7	5.3	4.7	4.3	5.0	4.7	5.7	
REPELL GLS	7.0	7.3	83.3	7.0	4.7	5.7	7.0	6.3	7.3	6.3	5.3	5.0	4.3	4.7	5.0	5.7	
SILVER DOLLAR	7.3	7.0	91.3	7.3	5.0	8.0	6.7	7.0	6.3	5.3	5.7	5.0	4.3	5.3	6.0	5.7	
SR 4600 (SRX 4SP)	7.0	7.7	88.3	7.3	5.0	6.3	7.3	6.7	7.0	5.7	5.0	4.7	4.7	4.7	5.3	5.7	
SRX 4682	7.0	7.3	78.3	6.3	4.7	7.0	7.0	7.0	7.7	6.0	5.3	4.7	4.3	4.7	4.7	5.7	
ATTRIBUTE (IS-PR 270)	7.3	7.7	81.7	6.7	4.7	5.0	7.0	6.0	6.7	6.0	5.7	4.7	4.7	4.3	5.0	5.6	
BARLENNIUM	7.0	6.3	88.3	5.0	5.3	5.7	6.7	6.0	7.3	5.0	5.3	5.0	4.7	4.3	6.0	5.6	
BRIGHTSTAR SLT	6.7	6.3	88.3	6.3	4.7	7.3	6.7	7.0	7.3	5.3	4.7	4.7	4.3	5.3	5.3	5.6	
CADDIESHACK II (JR-163)	7.3	7.7	86.3	5.7	4.7	7.7	6.7	6.7	6.3	5.3	5.7	4.7	4.3	5.3	5.3	5.6	
E-99	7.0	6.7	88.3	5.3	5.0	6.0	6.3	6.0	8.0	5.3	5.3	4.7	4.3	5.3	5.0	5.6	
EXACTA II GLSR (LTP-611-GLSR)	7.7	7.7	83.3	7.7	5.7	7.3	7.0	7.0	6.7	5.0	5.0	5.0	4.3	4.7	5.3	5.6	
PRIMARY (IS-PR 269)	7.3	7.7	85.0	6.3	5.0	6.3	7.0	6.7	6.3	5.7	5.0	5.0	4.7	5.0	5.3	5.6	
REVENGE GLX (JR-348)	8.0	8.0	85.0	7.0	4.0	7.0	7.3	6.7	7.3	6.3	4.7	4.3	3.7	4.7	5.7	5.6	
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	7.3	88.3	6.7	5.0	6.7	6.7	7.0	6.7	5.0	5.3	4.7	4.0	4.7	5.7	5.5	
DASHER 3 (PICK RB-1)	7.7	8.0	88.3	6.7	4.7	7.7	7.0	6.3	5.7	6.0	5.3	4.7	4.3	4.3	6.0	5.5	
GL-2	7.7	7.7	85.0	7.0	5.0	7.3	6.3	7.0	6.3	6.0	5.0	4.7	4.3	5.0	5.0	5.5	
MMW	7.7	7.7	88.3	6.7	5.3	5.7	6.7	6.0	6.7	5.7	5.3	4.3	4.7	5.0	5.3	5.5	
PROTEGE GLR	7.7	8.0	86.7	7.3	4.7	6.0	6.3	6.0	6.0	6.0	5.0	5.0	4.7	5.0	5.3	5.5	
GRAY FOX (PST-2MNG)	7.0	7.0	88.3	6.3	5.0	6.7	6.7	6.3	7.0	6.0	5.0	4.7	4.0	4.3	5.7	5.5	
TOP GUN II (JR-324)	7.7	7.3	86.7	6.3	4.7	6.0	6.0	6.3	7.0	6.3	5.3	4.7	4.0	4.7	5.3	5.5	
AF	7.0	7.0	88.3	6.7	3.7	6.7	7.0	6.7	6.7	5.7	4.3	4.0	4.0	4.7	5.7	5.4	
D04-LP05	7.0	7.7	88.3	6.7	4.0	5.3	7.0	6.0	6.7	5.0	4.3	4.7	4.3	4.7	5.7	5.4	
DEFENDER (D04-UP)	7.0	7.7	80.0	7.0	4.3	6.3	7.0	6.3	7.0	6.0	5.0	4.3	3.7	4.3	4.7	5.4	
DCM	7.3	7.3	83.3	6.3	5.0	6.3	7.3	6.3	7.7	5.7	4.7	4.7	4.0	4.0	4.7	5.4	
DP1	7.7	8.0	86.7	7.0	4.3	6.0	7.0	5.7	7.0	6.7	5.0	4.3	3.3	4.3	5.7	5.4	
HARRIER (SRX 4UP3)	7.0	7.7	85.0	7.3	5.0	6.7	7.0	6.0	7.7	6.3	4.7	4.0	4.0	4.3	5.0	5.4	
LA QUINTA (JR-255)	8.0	7.7	88.3	6.7	4.3	6.3	6.7	6.0	6.0	5.7	4.7	4.7	4.3	5.0	5.3	5.4	
PENTIUM	6.7	6.0	88.3	6.0	4.7	6.3	7.0	6.3	7.7	5.7	5.0	4.0	3.3	4.7	5.0	5.4	
PREMIER II	6.3	7.0	85.0	5.7	5.0	6.7	6.7	6.3	7.7	5.3	4.7	4.3	4.0	4.0	5.3	5.4	
RAD-PR8	6.7	7.0	88.3	6.3	3.7	7.0	6.7	6.7	6.7	5.7	5.0	4.3	3.3	4.7	6.0	5.4	
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	6.7	83.3	7.0	4.3	7.7	7.0	6.7	7.3	5.0	5.3	4.3	3.0	5.0	5.3	5.4	
SUNSHINE 2	8.0	8.0	88.3	7.0	3.3	6.0	7.0	6.3	6.3	6.3	4.7	4.3	4.3	4.7	5.0	5.4	
AMAZING GS (IS-PR 276)	7.7	7.7	85.0	7.3	4.7	7.3	7.3	5.7	6.0	5.3	5.3	4.7	4.0	4.0	5.0	5.3	

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	WINTER COLOR	DOLLAR SPOT	RED THREAD	FEB	MAR	APR	QUALITY RATINGS						MEAN
			COVER FALL							MAY	JUN	JUL	AUG	SEP	OCT	
APPLE GL (AAZ-B104)	7.3	7.7	90.0	7.0	4.0	6.7	7.0	6.7	6.7	6.0	4.7	4.3	3.7	4.0	4.7	5.3
EDGE II (AC2)	8.0	8.0	85.0	6.3	3.7	7.0	7.0	6.7	6.3	5.3	5.0	4.3	3.7	4.3	5.0	5.3
GOALKEEPER II (JR-114)	7.0	7.7	86.7	5.7	4.7	5.7	6.7	5.7	6.7	5.0	5.0	5.0	4.0	4.7	5.3	5.3
INSPIRE	7.0	6.7	88.3	6.0	4.3	6.0	7.0	6.0	6.7	5.3	4.7	4.3	4.0	4.0	5.3	5.3
LINE DRIVE GLS (APR 1797)	6.7	7.3	88.3	6.3	4.0	6.0	7.0	6.0	6.7	5.7	4.7	4.0	3.7	4.7	5.3	5.3
MANHATTAN 5 GLR (PST-2AM)	6.3	6.7	88.3	6.3	4.7	5.3	7.0	6.7	6.3	5.0	5.0	4.7	4.0	4.3	5.0	5.3
OVERDRIVE	7.0	7.0	86.7	6.7	4.3	6.7	6.7	6.7	6.0	5.3	4.7	4.7	3.7	4.3	5.3	5.3
PALACE (IS-PR 273)	8.0	7.7	85.0	7.3	5.0	6.0	6.7	6.0	6.0	5.7	5.7	4.7	4.0	4.3	4.7	5.3
PLEASURE SUPREME (PM 103)	7.3	8.0	90.0	6.3	4.7	6.3	6.7	6.7	5.0	5.3	4.7	4.7	4.3	4.3	5.7	5.3
PST-2AG4	7.7	7.7	85.0	7.0	4.3	6.0	7.0	6.7	6.3	5.0	4.7	4.7	4.3	4.0	5.0	5.3
PST-2LAN	6.3	7.0	90.0	6.0	5.0	7.3	7.3	6.7	6.7	5.3	4.7	4.7	4.0	3.7	4.7	5.3
RNS	7.7	7.7	85.0	7.3	3.7	6.3	7.0	5.3	7.0	5.3	5.0	4.3	4.0	4.3	5.0	5.3
STELLAR GL (IS-PR 236)	7.7	8.0	86.7	7.3	4.3	6.3	7.0	6.7	6.3	5.0	5.0	4.3	4.0	4.0	5.3	5.3
RINGER II (04-BEN)	6.7	7.0	86.7	5.7	5.3	6.7	6.3	6.7	7.0	5.0	5.0	4.3	3.7	4.0	5.0	5.2
ASP6004 (EXS54)	7.7	7.7	86.7	7.0	5.0	6.3	6.3	6.3	5.0	5.7	4.7	4.7	4.0	4.7	5.7	5.2
BAR LP 4317	7.0	6.7	81.7	5.3	4.3	5.7	5.7	6.3	7.7	5.7	4.0	4.3	4.0	4.3	4.7	5.2
BUENA VISTA	7.0	7.7	85.0	7.0	4.7	6.0	7.0	6.0	6.3	5.0	5.0	4.3	4.0	4.3	5.0	5.2
FUSION	7.3	7.7	85.0	7.0	4.3	6.0	7.3	6.0	6.0	5.7	4.7	4.3	3.7	4.7	4.7	5.2
PREMIER	5.0	5.7	88.3	5.0	4.7	7.3	6.0	6.7	7.3	4.3	4.7	4.0	3.7	4.7	5.3	5.2
HAWKEYE 2 (SRX 4692)	7.0	6.7	88.3	6.0	4.3	6.3	6.3	6.0	6.0	6.0	4.3	4.3	4.0	4.3	5.3	5.2
ZOOM (LCK)	7.3	7.7	86.7	7.3	4.7	7.7	7.3	6.7	5.3	5.3	4.7	4.0	3.7	4.3	5.3	5.2
1G SQUARED (APR 1664)	7.7	7.3	83.3	5.7	4.7	6.3	6.7	6.3	6.3	5.3	4.3	4.0	3.7	4.0	5.0	5.1
ASP6005 (AJM)	8.0	8.0	85.0	7.3	4.3	5.3	7.0	5.7	5.3	5.7	4.3	4.3	4.3	4.7	5.0	5.1
PRESIDIO (CNV)	8.0	8.0	88.3	7.3	4.7	8.7	7.0	7.3	4.0	4.3	4.3	4.3	4.3	4.7	5.7	5.1
PST-217	7.0	7.7	90.0	6.3	4.3	6.0	6.3	6.0	6.3	5.0	4.3	4.0	3.7	4.7	5.3	5.1
BREA (04-BRE)	7.0	7.0	88.3	5.7	4.3	5.7	6.3	6.0	5.3	4.7	4.0	4.0	4.0	5.0	5.3	5.0
AFFINITY	5.7	6.3	83.3	5.7	4.3	6.3	5.7	6.0	6.3	5.0	4.3	4.3	4.0	4.3	4.7	5.0
ASP6002 (BPR)	8.0	7.7	81.7	7.0	4.7	5.7	6.7	6.0	5.3	5.0	4.7	4.3	4.0	4.3	5.0	5.0
BAR LP 4920	6.7	7.7	90.0	6.3	4.0	7.7	6.7	7.0	5.3	4.0	4.3	4.3	3.7	4.7	5.0	5.0
CABO II (IS-PR 233)	7.7	7.7	86.7	6.7	4.0	5.3	6.7	6.0	5.7	5.0	4.3	4.3	4.0	4.0	5.3	5.0
DP 17-9788	6.0	7.3	83.3	5.7	4.0	6.7	6.7	6.0	6.0	5.3	4.3	4.0	4.0	3.7	5.0	5.0
FIREBOLT (PRG HS-01-09)	8.0	8.0	86.7	6.3	3.7	5.7	6.3	6.3	5.3	5.0	4.0	4.3	4.0	4.3	5.0	5.0
GRAY STAR (PST-2LGL)	7.0	7.3	86.7	6.7	3.7	7.7	6.7	6.3	5.7	5.0	4.7	4.3	3.3	4.3	5.0	5.0
PANTHER GLS	7.0	7.0	80.0	7.3	5.3	6.3	6.0	5.3	6.3	5.7	4.7	4.3	3.7	4.3	4.7	5.0
PS-2	7.0	7.0	85.0	6.0	4.0	6.0	6.7	6.0	6.3	5.0	4.0	4.0	4.0	4.3	5.0	5.0
PST-2BLK	7.0	7.3	88.3	6.3	4.0	7.0	6.3	6.7	6.0	4.3	4.3	4.0	3.7	5.0	4.7	5.0
REGAL 5 (IS-PR 271)	7.7	8.0	88.3	7.0	4.3	7.0	7.0	6.0	5.0	5.3	4.7	4.0	3.3	4.3	5.3	5.0
VB99	8.0	8.0	85.0	7.0	5.0	6.3	7.0	6.3	5.0	4.7	4.3	4.3	4.0	4.7	4.7	5.0
ACCENT II (JR-119)	7.0	7.3	83.3	5.3	5.0	6.0	6.3	5.7	5.7	5.3	5.0	4.0	3.3	3.7	4.7	4.9
APR 1648	7.3	7.0	81.7	7.0	5.3	7.0	7.0	6.7	5.7	5.0	5.0	4.0	3.0	3.3	4.0	4.9
ASP6001 (RTS)	8.0	7.7	78.3	7.0	4.3	6.0	6.7	6.0	5.7	5.0	4.3	4.3	3.7	3.7	5.0	4.9
CALYPSO 3 (MS2)	8.0	7.7	83.3	7.3	4.3	6.0	7.0	6.3	5.7	5.0	4.7	4.0	3.0	3.7	4.3	4.9
HALO (KN42)	8.0	8.0	80.0	7.3	4.7	5.0	7.0	6.0	4.3	5.0	4.7	4.7	3.7	4.0	4.7	4.9
PALMER III	6.0	7.0	76.7	5.3	4.0	7.7	6.3	7.0	6.3	4.7	4.0	4.0	3.3	3.7	4.3	4.9
PALMER IV	7.0	8.0	85.0	7.0	3.7	6.3	6.7	6.3	5.7	5.3	4.7	4.0	3.0	4.0	4.7	4.9
PANTHER	6.0	5.7	81.7	5.3	4.0	7.3	5.7	6.3	4.7	5.3	4.7	4.7	4.0	4.3	4.7	4.9
PINNACLE	4.7	5.3	80.0	5.0	3.7	8.3	5.7	7.3	7.3	3.3	4.3	4.0	3.3	4.3	4.3	4.9

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	WINTER COLOR	DOLLAR SPOT	RED THREAD	FEB	MAR	APR	QUALITY RATINGS						MEAN
			COVER FALL							MAY	JUN	JUL	AUG	SEP	OCT	
PINNACLE II	7.7	7.3	83.3	7.0	4.3	6.3	6.3	6.0	5.7	5.3	4.3	4.0	3.7	4.0	4.7	4.9
QUICKSILVER	7.3	7.7	80.0	6.7	4.0	6.0	6.3	6.0	6.0	5.0	4.0	4.0	3.7	4.3	4.3	4.9
FIJI (GPR)	8.0	8.0	81.7	7.3	5.0	7.0	6.7	6.0	4.3	4.7	4.7	4.3	3.7	4.0	4.7	4.8
PIANIST (DP 17-9505)	7.3	7.0	81.7	6.3	3.7	7.3	6.7	6.0	6.0	4.7	4.0	4.0	3.3	4.0	4.3	4.8
ASP6003 (TRS)	7.3	7.7	85.0	6.7	4.0	6.3	6.3	5.7	5.0	4.3	4.7	4.3	3.3	4.3	4.7	4.7
CUTTER II (PM 101)	7.7	7.7	90.0	6.7	4.0	6.7	6.7	5.7	4.7	5.3	4.0	4.0	3.3	4.0	4.7	4.7
DART (APR 1663)	6.7	7.0	83.3	6.0	3.7	6.0	6.3	6.0	6.3	5.0	4.0	4.0	3.3	3.7	4.0	4.7
ES45	8.0	7.7	85.0	6.3	4.0	5.3	6.7	6.0	4.3	4.7	4.0	4.0	3.7	4.3	5.0	4.7
HEADSTART 2	7.7	7.3	85.0	6.3	3.0	7.0	6.0	6.0	5.3	4.7	4.0	4.0	3.3	4.3	4.7	4.7
PIZZAZZ	7.0	7.3	76.7	7.0	3.3	6.0	6.7	6.0	4.7	5.3	4.3	4.3	3.7	3.7	4.0	4.7
PM 102	8.0	8.0	86.7	7.3	4.3	6.7	6.7	6.0	5.0	4.7	4.0	4.0	3.3	4.0	4.3	4.7
ASP6006 (LPFG)	8.0	8.0	81.7	7.0	3.7	6.0	5.7	5.7	5.3	4.7	4.0	4.0	3.7	4.3	4.3	4.6
L44	7.7	8.0	85.0	7.3	4.7	5.7	6.7	5.7	4.7	4.3	4.0	4.0	3.7	4.0	4.3	4.6
LPR 02203	6.3	6.3	75.0	5.3	4.3	6.7	5.0	4.3	5.7	5.3	5.0	4.3	3.7	4.0	4.3	4.6
DELAWARE XL (PICK 01-2)	8.0	8.0	76.7	7.0	3.7	6.0	6.0	5.3	5.7	4.7	4.3	4.3	3.0	3.0	4.3	4.5
NEXUS XR (SNR)	8.0	7.7	76.7	6.3	3.7	7.0	6.7	6.0	4.0	4.0	3.7	4.0	3.7	4.3	4.0	4.5
WIND DANCE 2 (PWDR)	8.0	7.7	81.7	6.7	4.3	7.0	6.3	5.7	3.7	4.7	4.3	4.0	3.0	4.0	5.0	4.5
DP 17-9499	8.0	7.7	81.7	6.3	3.7	5.0	6.0	5.0	4.3	4.7	3.7	3.7	4.0	4.0	4.3	4.4
GALATTI (DP 17-9502)	7.0	7.0	81.7	6.3	3.7	7.7	5.7	5.0	4.3	4.3	4.0	4.0	3.7	4.3	4.3	4.4
BAR LP 4420	7.0	7.0	81.7	5.3	4.3	6.3	5.7	4.7	5.0	4.3	4.0	3.7	3.3	4.0	4.3	4.3
MACH I	7.7	8.0	78.3	6.7	4.0	7.7	6.3	5.7	3.7	4.3	3.7	3.7	3.7	4.0	4.0	4.3
NEXUS XD (SP4)	8.0	7.7	83.3	6.7	3.7	7.0	6.7	6.3	3.7	3.7	3.3	3.3	3.0	4.0	5.0	4.3
TR47	8.0	7.7	80.0	6.7	4.0	7.0	6.3	5.3	4.0	4.7	4.0	3.7	3.0	3.7	4.3	4.3
PICK 02-R	8.0	7.7	76.7	7.0	2.7	5.3	5.3	4.7	3.3	4.0	3.3	3.3	3.0	3.3	4.0	3.8
LINN	5.0	5.7	38.3	4.0	3.3	8.0	3.3	4.0	3.0	2.0	2.3	2.0	1.7	2.3	1.3	2.5
LSD VALUE	0.7	1.0	14.2	1.1	2.0	8.2	1.3	2.0	1.8	1.2	1.1	1.2	2.1	2.7	1.9	0.8
C.V. (%)	6.2	7.9	8.2	10.1	18.4	22.2	9.9	13.2	17.2	13.0	12.9	13.4	19.5	18.6	16.9	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 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC		LEAF TEXTURE	QUALITY RATINGS								MEAN
	COLOR	SPRING GREENUP		APR	MAY	JUN	JUL	AUG	SEP	OCT		
CABO II (IS-PR 233)	9.0	4.0	6	4.3	7.0	6.7	7.7	7.7	7.3	6.7	6.8	
FIESTA 4 (PICK F4)	8.3	5.3	6	5.3	7.0	5.7	7.0	7.0	7.3	6.3	6.5	
PLEASURE SUPREME (PM 103)	8.3	4.3	6	4.7	6.7	7.0	7.3	7.0	7.0	6.0	6.5	
TR47	8.3	3.7	6	4.7	7.0	7.0	6.7	7.0	6.7	6.3	6.5	
ASP6005 (AJM)	8.3	4.7	6	5.0	7.0	6.3	6.7	7.3	6.3	6.0	6.4	
ASP6002 (BPR)	8.7	4.7	6	5.0	6.3	6.0	7.0	6.7	6.7	6.3	6.3	
ASP6006 (LPFG)	8.7	5.0	6	5.7	6.3	5.7	6.7	7.0	6.7	6.0	6.3	
CALYPSO 3 (MS2)	8.0	4.3	6	4.7	7.0	6.0	6.7	7.0	6.7	6.0	6.3	
PRESIDIO (CNV)	8.7	4.0	6	4.7	6.7	6.7	6.7	7.3	6.3	6.0	6.3	
SUNSHINE 2	8.0	4.0	6	4.7	6.7	6.7	6.7	6.7	7.0	6.0	6.3	
UNO (D04-11T)	8.3	5.3	6	4.3	6.7	5.7	7.0	7.0	6.7	6.0	6.2	
HALO (KN42)	8.7	2.3	6	3.7	7.0	6.3	7.3	7.0	6.3	6.0	6.2	
PICK 02-R	8.3	4.3	6	5.0	7.0	6.0	6.7	7.0	6.3	5.7	6.2	
PM 102	9.0	4.7	6	4.3	6.0	6.3	7.3	6.7	7.0	6.0	6.2	
ALLSTAR 3 (IS-PR 274)	8.0	3.7	6	4.3	6.7	6.7	6.7	6.7	6.3	5.3	6.1	
APPLE GL (AAZ-B104)	8.0	5.0	6	4.7	6.0	6.7	6.3	6.3	6.7	6.0	6.1	
APR 1648	8.3	6.0	6	4.7	6.3	6.0	7.0	6.7	6.7	5.7	6.1	
BAR LP 4420	7.3	4.0	6	4.7	6.3	6.0	6.7	6.7	6.3	6.0	6.1	
DP 17-9499	8.7	5.3	6	4.7	6.3	6.3	7.0	6.3	6.3	5.7	6.1	
FUSION	8.3	3.7	6	3.7	7.0	6.3	6.7	6.7	6.3	6.0	6.1	
FIJI (GPR)	8.0	5.3	6	5.0	6.7	6.0	6.0	7.0	6.3	6.0	6.1	
PALMER IV	8.0	4.7	6	5.0	6.3	6.0	6.3	6.3	6.3	6.3	6.1	
PIZZAZZ	7.7	6.0	6	4.3	6.7	6.7	6.7	7.0	6.0	5.7	6.1	
PROTEGE GLR	7.3	5.7	6	5.3	6.0	5.7	6.3	6.3	6.7	6.3	6.1	
1G SQUARED (APR 1664)	8.0	5.3	6	4.7	5.7	6.7	6.3	6.3	6.0	6.0	6.0	
AMAZING GS (IS-PR 276)	8.3	4.0	6	4.0	7.0	6.3	6.3	6.3	6.3	5.7	6.0	
ASP6004 (EXS54)	8.3	4.3	6	4.3	6.7	5.7	6.7	6.7	6.3	6.0	6.0	
CUTTER II (PM 101)	8.3	4.7	6	4.3	6.3	5.7	6.7	7.0	6.0	5.7	6.0	
TRANSFORMER (D04-1667)	8.0	6.7	6	4.7	6.0	6.0	6.7	6.3	6.3	5.7	6.0	
D04-LP05	8.3	5.0	6	5.0	6.3	6.0	6.3	6.3	6.0	5.7	6.0	
ES45	8.3	4.0	6	4.3	6.3	5.7	6.3	6.7	6.3	6.0	6.0	
EXACTA II GLSR (LTP-611-GLSR)	7.3	5.0	6	4.7	6.3	6.3	6.3	6.3	6.3	6.0	6.0	
FIREBOLT (PRG HS-01-09)	8.3	3.7	6	3.7	7.3	6.0	6.3	6.7	6.3	5.7	6.0	
GALATTI (DP 17-9502)	8.0	5.0	6	4.0	6.3	6.0	7.0	6.7	6.0	6.0	6.0	
GL-2	7.7	5.3	6	4.7	6.7	5.3	6.3	7.0	6.3	6.0	6.0	
GRAY STAR (PST-2LGL)	8.3	3.0	6	4.3	6.3	6.3	6.7	6.0	6.3	6.0	6.0	
NEXUS XR (SNR)	8.3	4.0	6	4.3	7.0	5.7	6.3	6.7	6.3	5.7	6.0	
PALACE (IS-PR 273)	8.0	4.0	6	4.0	6.0	5.7	6.7	7.0	6.7	6.0	6.0	
PARAGON GLR	7.7	5.0	6	5.0	6.0	6.3	6.3	6.3	6.3	5.7	6.0	
SR 4600 (SRX 4SP)	8.0	6.0	6	5.3	5.7	6.0	6.3	6.3	6.7	6.0	6.0	
VB99	8.3	3.3	6	4.3	6.7	6.0	6.3	6.7	6.0	6.0	6.0	
ASP6001 (RTS)	8.0	3.3	6	4.0	6.7	6.3	6.0	6.3	6.0	6.0	5.9	
ATTRIBUTE (IS-PR 270)	8.0	4.7	6	4.3	6.7	6.0	6.0	6.3	6.0	5.7	5.9	
DP1	8.0	4.7	6	4.3	6.3	6.3	6.0	6.0	6.3	5.7	5.9	
KOKOMO II (IS-PR 235)	8.3	4.3	6	4.3	6.0	6.7	6.3	6.3	6.0	5.7	5.9	
L44	8.3	4.7	6	4.0	7.0	6.0	6.7	6.7	5.7	5.3	5.9	
LA QUINTA (JR-255)	8.0	4.3	6	3.7	6.7	6.7	6.0	6.3	6.0	6.0	5.9	

TABLE 24. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
LINE DRIVE GLS (APR 1797)	7.7	5.0	6.0	4.7	5.7	5.7	7.0	6.3	6.0	5.7	5.9
MACH I	8.0	4.7	6.0	4.0	6.0	5.3	6.7	6.7	6.3	6.0	5.9
MMW	7.7	5.0	6.0	4.7	6.0	5.3	6.0	6.3	6.7	6.3	5.9
OVERDRIVE	8.0	4.7	6.0	4.3	6.3	6.3	6.3	6.3	6.0	5.7	5.9
QUICKSILVER	8.0	2.3	6.0	3.3	6.7	6.0	6.3	6.7	6.3	5.7	5.9
SILVER DOLLAR	8.0	4.7	6.0	4.3	6.0	5.7	6.7	6.3	6.3	6.0	5.9
STELLAR GL (IS-PR 236)	8.0	3.7	6.0	3.7	5.7	6.7	6.3	6.7	6.3	6.0	5.9
DELAWARE XL (PICK 01-2)	8.3	3.7	6.0	4.0	6.0	6.0	6.3	6.3	6.0	6.0	5.8
GRAND SLAM 2 (PST-2GSM)	8.0	4.3	6.0	4.0	6.3	5.3	6.3	6.3	6.0	6.0	5.8
HOMERUN (RG3P)	8.0	5.0	6.0	4.7	5.7	6.0	6.0	6.0	6.0	6.0	5.8
NEXUS XD (SP4)	8.3	2.7	6.0	3.0	6.7	6.7	6.0	6.3	6.0	6.0	5.8
PIANIST (DP 17-9505)	8.0	4.3	6.0	3.7	5.7	6.3	6.3	6.7	6.0	6.0	5.8
PS-2	8.3	3.3	6.0	4.0	6.3	6.0	6.7	6.3	5.7	5.7	5.8
PST-2AG4	7.7	3.7	6.0	3.7	6.3	6.3	6.3	6.3	5.7	5.7	5.8
REVENGE GLX (JR-348)	8.0	5.0	6.0	4.3	5.7	5.3	6.3	6.3	6.3	6.3	5.8
RNS	7.3	4.7	6.0	4.7	6.0	5.3	6.0	6.3	6.3	6.0	5.8
MAJESTY II (VB77)	8.3	3.3	6.0	3.7	6.3	6.3	6.3	6.3	5.7	5.7	5.8
WIND DANCE 2 (PWDR)	8.0	4.3	6.0	4.3	6.7	6.0	6.0	6.3	5.7	5.3	5.8
ASP6003 (TRS)	8.0	4.0	6.0	4.0	6.7	5.0	6.7	6.0	6.0	5.7	5.7
BUENA VISTA	7.7	3.7	6.0	4.0	6.0	5.3	6.7	6.3	5.7	5.7	5.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	5.7	6.0	4.7	5.3	5.3	6.3	6.3	6.0	5.7	5.7
DERBY XTREME (IS-PR 268)	7.7	3.7	6.0	3.7	6.3	6.0	6.0	6.0	6.0	5.7	5.7
EDGE II (AC2)	8.0	4.0	6.0	4.0	6.3	4.7	6.3	6.3	6.3	6.0	5.7
PRIMARY (IS-PR 269)	8.0	3.7	6.0	3.3	6.0	5.7	6.3	6.3	6.0	6.0	5.7
REGAL 5 (IS-PR 271)	8.3	3.3	6.0	3.0	6.7	5.3	6.3	6.3	6.3	6.0	5.7
ZOOM (LCK)	8.0	4.7	6.0	4.3	5.3	5.3	6.0	6.3	6.3	6.3	5.7
AF	7.3	5.0	6.0	4.3	5.7	6.7	5.7	5.7	5.3	5.7	5.6
BAR LP 4920	7.7	5.7	6.0	4.0	5.3	5.0	6.3	6.7	6.0	5.7	5.6
DASHER 3 (PICK RB-1)	7.7	3.3	6.0	3.7	5.3	6.3	5.7	6.3	6.3	5.7	5.6
BREA (04-BRE)	7.7	4.3	6.0	3.7	5.7	5.3	6.3	6.3	6.0	5.3	5.5
HEADSTART 2	7.3	5.0	6.0	4.3	6.3	5.7	6.0	6.0	5.3	5.0	5.5
KEYSTONE 2 (IS-PR 312)	7.7	3.3	6.0	3.7	6.0	6.3	6.0	6.0	5.3	5.3	5.5
MONTEREY 3 (JR-408)	7.7	2.7	6.0	4.0	6.7	6.0	6.3	6.0	4.7	4.7	5.5
PST-2BLK	7.7	2.0	5.7	3.7	6.3	5.7	6.0	6.0	5.3	5.3	5.5
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	4.3	6.0	4.0	5.7	5.3	6.3	6.0	5.7	5.7	5.5
HAWKEYE 2 (SRX 4692)	7.7	5.0	6.0	4.0	5.3	5.3	6.0	6.7	5.7	5.3	5.5
CITATION FORE	7.3	4.0	6.0	3.7	6.0	5.7	6.0	5.7	5.3	5.3	5.4
DART (APR 1663)	7.3	5.7	6.0	4.7	5.7	5.3	5.7	5.3	5.7	5.3	5.4
GOALKEEPER II (JR-114)	7.3	2.7	6.0	3.3	6.3	6.0	5.7	5.7	5.7	5.3	5.4
PANTHER GLS	7.7	5.3	6.0	4.7	6.0	5.3	6.0	5.7	5.0	5.0	5.4
PST-217	7.3	3.0	6.0	3.7	6.7	5.0	6.0	5.7	5.7	5.0	5.4
BAR LP 4317	7.3	4.7	6.0	4.3	5.7	4.7	6.3	6.0	5.0	5.0	5.3
DCM	7.7	3.3	6.0	3.3	5.3	5.7	6.0	5.7	5.7	5.7	5.3
HARRIER (SRX 4UP3)	7.0	5.0	6.0	4.0	6.0	5.3	5.3	5.3	6.0	5.3	5.3
INSPIRE	7.0	5.0	6.0	4.3	6.0	5.7	5.7	5.3	5.0	5.0	5.3
MANHATTAN 5 GLR (PST-2AM)	7.3	4.3	6.0	3.3	6.0	5.7	6.3	5.7	5.3	5.0	5.3
GRAY FOX (PST-2MNG)	7.3	5.3	6.0	4.3	5.3	4.7	6.0	5.7	5.7	5.3	5.3

TABLE 24. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
TOP GUN II (JR-324)	7.7	3.3	6.0	3.3	6.7	5.3	5.7	5.7	5.3	5.0	5.3
RINGER II (04-BEN)	6.7	3.7	6.0	3.7	6.3	5.7	5.7	5.7	5.0	4.7	5.2
ACCENT II (JR-119)	7.3	3.3	6.0	4.3	6.0	5.3	6.0	5.3	4.7	4.7	5.2
DEFENDER (D04-UP)	7.7	5.7	6.0	3.3	5.7	5.7	5.7	5.7	5.3	5.3	5.2
RAD-PR8	7.7	4.3	6.0	3.7	6.0	4.0	6.7	5.7	5.3	5.3	5.2
BARLENNIUM	6.7	5.0	6.0	4.0	5.7	5.0	6.0	5.7	4.7	4.7	5.1
PINNACLE II	7.3	4.0	6.0	4.0	5.7	4.7	5.7	5.7	5.3	4.7	5.1
REPELL GLS	7.0	4.3	6.0	3.7	5.0	5.7	5.3	5.7	5.3	5.3	5.1
BRIGHTSTAR SLT	7.0	2.7	6.0	3.7	5.3	6.0	5.7	5.3	4.7	4.7	5.0
CADDIESHACK II (JR-163)	7.3	3.3	6.0	3.3	6.0	5.3	5.7	5.3	4.7	4.7	5.0
E-99	7.7	5.7	6.0	4.0	6.0	3.7	5.7	5.7	5.3	5.0	5.0
PENTIUM	7.0	4.7	6.0	4.0	5.0	5.0	5.7	5.3	5.0	4.7	5.0
PHENOM (APR 1660)	7.3	4.7	6.0	3.7	4.7	5.0	5.7	5.7	5.3	5.3	5.0
PST-2LAN	7.0	3.0	6.0	3.3	6.3	5.3	5.3	5.0	4.7	4.7	5.0
APR 1670	7.0	4.0	5.3	3.7	4.7	5.3	5.7	5.7	4.7	4.7	4.9
PALMER III	7.0	4.3	6.0	4.0	5.3	5.7	5.3	5.3	4.0	4.0	4.8
DP 17-9788	5.7	3.7	6.0	3.7	5.0	5.0	5.3	5.0	4.0	4.0	4.6
PREMIER II	6.3	4.7	6.0	3.3	5.7	5.0	5.0	5.0	4.0	4.0	4.6
SRX 4682	6.7	3.7	6.0	4.0	5.3	4.3	4.7	5.3	4.3	4.3	4.6
LPR 02203	5.0	2.7	6.0	2.7	5.0	5.0	4.7	4.3	3.3	3.3	4.0
PANTHER	5.3	4.7	6.0	3.3	4.3	4.3	4.3	4.3	3.7	3.7	4.0
PINNACLE	4.7	6.3	5.3	3.0	3.0	5.7	4.0	4.0	3.7	3.7	3.9
AFFINITY	4.7	5.0	6.0	3.3	3.7	4.3	4.0	3.7	3.3	3.3	3.7
PREMIER	4.3	5.0	6.0	2.7	3.0	5.0	4.0	4.0	3.3	3.3	3.6
LINN	4.0	5.0	5.0	2.0	2.0	4.3	3.0	2.7	2.0	2.0	2.6
LSD VALUE	0.9	1.6	0.1	1.6	1.0	1.9	1.0	1.0	1.0	0.8	0.6
C.V. (%)	7.4	21.2	1.5	18.9	10.7	14.9	10.3	10.1	11.5	9.7	7.4

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 25.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (TRAFFIC STUDY), WA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 25. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (TRAFFIC STUDY), WA 1/  
2007 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
STELLAR GL (IS-PR 236)	8.7	5.0	4.0	5.0	5.0	5.7	5.3	4.7	4.3	4.0	4.3	4.3	4.0	4.6
TOP GUN II (JR-324)	7.7	4.0	3.3	4.7	4.7	5.0	5.3	4.7	5.0	5.0	5.3	3.7	4.3	4.6
AF	7.0	4.0	4.3	3.3	4.7	4.7	5.0	5.7	4.3	4.3	5.7	3.7	4.0	4.5
CABO II (IS-PR 233)	8.7	5.0	4.7	3.7	4.3	6.0	4.7	4.3	4.3	3.7	5.0	4.0	4.3	4.5
DP 17-9499	8.3	3.3	3.7	3.3	3.7	5.0	4.7	5.3	6.0	5.3	5.3	4.0	4.3	4.5
DP 17-9788	6.3	4.0	4.0	4.0	4.0	5.3	4.7	4.7	5.0	5.0	6.0	3.7	4.0	4.5
DP1	8.0	4.7	4.7	4.0	4.0	6.0	5.0	5.0	5.0	4.0	4.3	4.0	3.7	4.5
REGAL 5 (IS-PR 271)	8.0	5.0	4.3	4.0	4.3	6.7	5.0	4.3	4.7	3.7	4.3	3.7	4.0	4.5
REVENGE GLX (JR-348)	8.0	4.3	4.3	4.0	5.0	6.0	5.0	4.0	4.3	4.0	5.0	3.7	4.3	4.5
BUENA VISTA	7.7	5.0	5.0	4.3	4.7	5.7	4.0	3.7	4.0	3.7	4.7	4.0	4.7	4.4
CUTTER II (PM 101)	8.0	4.7	4.3	3.7	4.3	5.3	5.3	4.7	4.3	4.0	4.7	3.3	4.0	4.4
GALATTI (DP 17-9502)	7.7	3.7	4.3	4.0	4.0	5.7	5.3	4.7	4.3	4.0	4.7	4.0	4.3	4.4
HARRIER (SRX 4UP3)	7.3	4.7	4.7	4.3	5.0	5.3	5.3	4.3	4.0	3.3	4.3	3.7	3.3	4.4
KOKOMO II (IS-PR 235)	8.0	5.0	4.7	4.7	5.0	5.0	4.7	4.0	4.0	3.3	4.7	3.7	3.7	4.4
MONTEREY 3 (JR-408)	7.3	4.3	3.7	4.0	4.7	5.0	5.0	5.0	4.7	4.7	5.0	3.3	3.7	4.4
OVERDRIVE	7.3	5.0	4.7	4.0	4.7	4.7	4.3	4.3	4.7	4.3	5.3	3.7	3.7	4.4
PM 102	8.7	4.3	4.0	3.7	5.0	6.0	4.7	4.0	4.7	4.0	5.0	3.3	4.0	4.4
PST-2LAN	7.0	4.3	3.7	3.3	4.3	5.0	4.7	4.7	5.7	5.3	5.7	3.0	3.7	4.4
SUNSHINE 2	8.7	4.3	4.7	3.7	5.0	5.7	4.3	4.3	4.0	4.3	4.7	3.3	4.0	4.4
TR47	9.0	4.3	4.3	4.3	4.7	5.7	4.3	4.3	4.3	4.7	5.0	3.3	3.7	4.4
RINGER II (04-BEN)	7.0	4.3	4.3	3.3	4.0	5.3	4.3	4.0	5.0	5.0	5.0	3.3	4.0	4.3
ASP6003 (TRS)	9.0	5.0	4.0	3.7	4.3	6.0	4.7	4.3	4.0	4.0	4.3	3.3	3.7	4.3
BAR LP 4420	7.3	4.0	3.7	4.7	4.3	5.0	4.7	4.3	4.3	4.3	5.0	3.7	3.3	4.3
FIJI (GPR)	8.7	4.3	4.3	3.7	4.3	4.7	4.0	4.0	4.3	5.0	5.3	3.7	3.7	4.3
PALMER III	6.3	4.0	3.7	3.3	4.0	5.0	4.3	4.7	4.7	5.0	5.0	3.7	3.7	4.3
PROTEGE GLR	8.3	5.0	4.3	4.0	4.3	5.7	4.7	4.3	4.0	3.3	4.3	3.3	4.3	4.3
PS-2	6.7	4.0	3.7	3.3	4.0	4.7	4.0	4.3	4.7	5.3	5.7	3.7	3.7	4.3
PST-2AG4	8.0	4.7	5.0	4.0	4.0	5.0	4.0	4.3	3.7	4.0	4.7	4.0	4.0	4.3
PST-2BLK	8.3	4.3	4.0	3.7	5.0	5.0	4.3	4.3	4.0	5.0	5.0	3.0	3.3	4.3
GRAY FOX (PST-2MNG)	6.7	4.0	3.7	3.3	4.0	5.0	5.0	4.3	4.7	5.0	4.7	3.3	4.0	4.3
SRX 4682	6.7	4.0	3.7	3.3	4.7	5.3	4.3	4.7	4.3	4.7	5.7	3.0	3.7	4.3
MAJESTY II (VB77)	8.7	4.0	4.7	3.7	4.0	5.3	4.7	4.7	4.3	3.7	4.3	3.7	4.0	4.3
WIND DANCE 2 (PWDR)	8.3	4.0	4.0	4.3	4.3	5.7	5.0	4.3	4.3	4.3	4.7	3.3	3.7	4.3
APR 1670	7.0	4.0	3.7	3.3	4.0	5.7	4.3	4.0	4.7	4.7	4.7	3.3	4.0	4.2
ASP6006 (LPFG)	8.7	4.3	4.3	3.3	4.7	5.0	3.7	4.0	4.0	4.3	5.0	3.3	4.0	4.2
BAR LP 4317	6.3	3.3	3.7	3.7	4.3	5.3	4.3	4.7	5.0	4.7	5.0	3.0	3.7	4.2
BAR LP 4920	7.3	4.3	4.0	3.3	4.3	4.7	4.3	4.0	5.0	4.3	5.0	3.3	3.3	4.2
DELAWARE XL (PICK 01-2)	8.3	4.3	4.0	4.3	3.7	5.3	4.3	4.3	3.7	4.7	4.3	3.7	3.7	4.2
GOALKEEPER II (JR-114)	7.3	4.0	3.3	3.7	5.0	5.0	4.0	4.3	4.3	5.3	5.0	3.0	3.7	4.2
HEADSTART 2	8.7	4.7	3.3	4.0	4.3	5.3	4.3	4.3	4.3	4.3	5.0	3.0	3.3	4.2
L44	8.7	4.0	4.0	4.3	4.0	5.3	4.0	3.7	4.3	4.0	5.3	3.7	4.0	4.2
PIZZAZZ	7.7	4.3	4.0	3.7	4.0	4.3	4.0	4.7	4.3	5.0	4.7	3.7	4.0	4.2
PLEASURE SUPREME (PM 103)	7.7	4.3	3.7	3.7	3.7	5.7	4.3	4.0	5.0	4.0	5.0	3.3	3.7	4.2
PREMIER II	5.7	4.0	3.7	3.0	4.7	5.0	4.3	5.0	4.0	4.3	4.3	4.0	3.7	4.2
PST-217	7.3	4.3	3.7	3.7	3.7	4.7	4.7	4.3	4.3	4.3	5.7	3.7	3.7	4.2
ACCENT II (JR-119)	6.7	4.3	4.0	3.3	4.0	4.0	4.7	4.7	3.7	4.7	4.3	3.7	3.7	4.1
ASP6002 (BPR)	9.0	4.3	3.7	3.0	4.0	5.7	4.3	4.3	4.3	4.3	4.7	3.3	3.7	4.1

TABLE 25. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (TRAFFIC STUDY), WA 1/  
2007 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

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

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

TABLE 25. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (TRAFFIC STUDY), WA \*\*/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 25. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (TRAFFIC STUDY), WA \*\*/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

TABLE 25. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (TRAFFIC STUDY), WA \*\*/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

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

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

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

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

TABLE 26. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC		QUALITY RATINGS				MEAN		
	COLOR	SPRING GREENUP	MAY	JUN	JUL	AUG		SEP	OCT
ALLSTAR 3 (IS-PR 274)	7.7	4.7	7.3	8.0	7.0	6.0	6.3	7.7	7.1
APR 1648	7.7	5.0	7.0	8.0	7.0	6.3	6.3	7.3	7.0
FIESTA 4 (PICK F4)	7.7	4.7	7.7	8.0	7.0	5.7	5.3	8.3	7.0
ZOOM (LCK)	5.7	3.0	6.7	8.7	7.0	5.7	7.0	7.0	7.0
FIJI (GPR)	7.7	4.7	7.3	7.3	7.0	5.3	6.0	8.7	6.9
LINE DRIVE GLS (APR 1797)	6.0	3.3	7.0	8.3	7.0	5.3	5.3	8.3	6.9
PST-2LAN	5.7	3.7	7.7	7.7	6.7	7.0	5.3	7.0	6.9
GRAY FOX (PST-2MNG)	6.0	5.0	6.3	8.3	7.7	5.7	5.7	7.7	6.9
AF	7.0	4.7	7.3	8.3	7.0	5.0	6.0	7.0	6.8
DART (APR 1663)	7.0	4.3	7.0	8.0	7.0	5.7	5.7	7.3	6.8
REVENGE GLX (JR-348)	6.3	5.0	7.7	8.0	7.0	4.3	6.3	7.7	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	6.3	4.3	7.3	8.0	6.7	5.7	5.7	7.7	6.8
ACCENT II (JR-119)	6.3	3.7	7.3	7.7	7.0	6.0	5.7	6.7	6.7
DO4-LP05	6.7	2.7	7.0	8.0	6.7	5.0	5.3	8.3	6.7
GRAND SLAM 2 (PST-2GSM)	6.3	4.3	7.3	7.7	7.3	5.7	4.7	7.7	6.7
HARRIER (SRX 4UP3)	6.3	4.3	6.7	7.7	6.3	6.0	5.7	8.0	6.7
PALACE (IS-PR 273)	8.0	4.7	7.7	8.0	6.7	5.0	6.0	6.7	6.7
PRIMARY (IS-PR 269)	7.0	3.7	7.7	7.7	6.3	5.3	5.7	7.3	6.7
1G SQUARED (APR 1664)	7.0	5.0	6.7	7.7	6.7	5.0	6.0	7.7	6.6
ASP6003 (TRS)	8.0	5.3	7.0	8.0	6.7	5.0	5.3	7.3	6.6
KOKOMO II (IS-PR 235)	6.7	4.0	7.0	7.7	6.0	5.3	5.7	7.7	6.6
LA QUINTA (JR-255)	7.3	3.3	7.0	7.3	6.7	5.3	5.0	8.0	6.6
MACH I	7.0	6.3	7.7	7.3	7.0	4.0	5.3	8.0	6.6
PANTHER GLS	6.3	4.7	7.0	8.0	6.3	5.0	5.3	8.0	6.6
PS-2	6.3	4.0	7.3	6.7	7.0	5.0	5.7	7.7	6.6
SR 4600 (SRX 4SP)	7.0	4.7	7.0	8.0	6.7	4.7	5.7	7.7	6.6
ASP6002 (BPR)	8.0	4.7	7.7	7.7	6.3	4.7	5.7	7.0	6.5
GL-2	6.3	4.7	7.7	7.3	6.7	4.3	5.3	7.7	6.5
MANHATTAN 5 GLR (PST-2AM)	6.0	4.3	7.7	8.0	6.7	5.0	4.7	7.0	6.5
PST-2BLK	6.3	4.0	7.0	7.7	6.0	6.0	5.3	7.0	6.5
RINGER II (04-BEN)	6.7	5.0	7.3	6.7	6.7	4.7	5.7	7.3	6.4
BAR LP 4317	5.3	3.3	6.0	7.3	7.3	4.7	5.0	8.0	6.4
CALYPSO 3 (MS2)	7.3	5.7	7.0	7.7	6.7	5.0	5.7	6.3	6.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.3	4.3	6.7	8.0	6.0	4.7	5.7	7.3	6.4
CUTTER II (PM 101)	8.0	4.7	7.7	7.3	6.3	4.7	5.7	7.0	6.4
DELAWARE XL (PICK 01-2)	7.0	4.7	8.0	8.0	5.7	4.7	5.0	7.3	6.4
OVERDRIVE	6.7	4.7	6.3	8.0	5.7	5.7	6.0	7.0	6.4
RAD-PR8	6.0	4.3	7.0	7.7	6.7	4.7	4.7	7.7	6.4
ATTRIBUTE (IS-PR 270)	7.0	5.7	7.0	6.7	6.3	5.0	5.7	7.0	6.3
E-99	5.7	4.7	7.3	7.0	6.7	5.3	5.3	6.3	6.3
GRAY STAR (PST-2LGL)	7.0	4.0	7.3	7.7	6.0	5.3	4.7	6.7	6.3
MONTEREY 3 (JR-408)	6.7	4.0	6.0	6.7	7.7	4.3	6.3	6.7	6.3
PALMER IV	7.0	5.0	7.0	7.7	6.3	4.0	5.3	7.3	6.3
PARAGON GLR	8.0	5.3	7.0	8.0	5.7	4.7	5.0	7.7	6.3
RNS	7.0	6.0	7.0	7.3	6.3	5.0	5.3	6.7	6.3
ASP6001 (RTS)	8.0	5.0	6.7	7.0	6.7	3.7	6.0	7.0	6.2
KEYSTONE 2 (IS-PR 312)	6.0	5.3	7.0	7.0	6.0	5.3	4.7	7.3	6.2

TABLE 26. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT		
PST-217	7.0	5.0	5.7	6.7	7.0	5.0	6.0	7.0	6.2	
SUNSHINE 2	8.7	4.7	7.7	7.3	6.0	4.3	5.3	6.7	6.2	
TOP GUN II (JR-324)	6.7	4.3	7.0	7.3	6.3	5.3	5.7	5.7	6.2	
MAJESTY II (VB77)	7.7	4.0	7.0	7.0	6.0	4.7	5.3	7.0	6.2	
APPLE GL (AAZ-B104)	7.7	6.0	6.7	7.3	5.7	4.3	5.7	7.0	6.1	
DP 17-9788	6.0	5.3	6.0	8.0	6.7	3.7	5.7	6.7	6.1	
FUSION	8.0	4.0	6.3	7.3	6.0	4.7	6.3	6.0	6.1	
SILVER DOLLAR	6.0	4.7	7.0	7.0	6.7	5.0	5.0	6.0	6.1	
ASP6005 (AJM)	8.0	3.7	7.0	7.0	6.0	4.3	5.0	6.7	6.0	
BAR LP 4420	6.0	4.3	6.3	7.7	6.0	4.3	5.0	6.7	6.0	
UNO (D04-11T)	8.0	4.3	6.7	7.0	6.3	4.7	5.3	6.0	6.0	
TRANSFORMER (D04-1667)	6.3	3.0	6.3	7.3	6.7	4.3	5.0	6.3	6.0	
PINNACLE II	7.0	4.7	6.7	7.0	5.7	4.3	5.7	6.7	6.0	
PRESIDIO (CNV)	7.7	6.0	7.0	7.0	6.3	4.0	5.3	6.3	6.0	
BRIGHTSTAR SLT	4.3	4.7	6.3	7.7	5.7	5.0	5.0	6.0	5.9	
BUENA VISTA	7.0	5.0	6.3	7.0	5.7	4.0	5.3	7.3	5.9	
CADDIESHACK II (JR-163)	6.7	4.0	6.0	7.7	6.0	5.3	3.7	7.0	5.9	
DP 17-9499	7.7	4.7	6.3	7.7	6.3	3.3	5.0	7.0	5.9	
INSPIRE	6.3	4.0	6.0	7.3	6.7	4.3	5.0	6.0	5.9	
PANTHER	5.3	3.7	6.3	7.7	5.3	5.0	5.0	6.3	5.9	
PST-2AG4	7.0	5.7	6.3	6.0	6.3	5.3	5.7	5.7	5.9	
SRX 4682	4.7	4.0	5.0	7.3	6.3	6.0	4.7	6.3	5.9	
TR47	8.3	3.3	6.0	6.7	6.3	4.0	5.7	6.7	5.9	
DASHER 3 (PICK RB-1)	6.7	4.3	6.7	7.0	5.7	4.3	5.3	5.7	5.8	
DP1	7.7	4.7	5.7	6.7	5.7	4.3	5.7	6.7	5.8	
EDGE II (AC2)	6.3	4.3	6.7	7.7	5.3	4.7	4.3	6.3	5.8	
PENTIUM	6.0	4.3	7.0	7.0	6.0	4.3	4.7	5.7	5.8	
PLEASURE SUPREME (PM 103)	7.7	4.3	6.3	7.3	5.7	5.0	5.7	4.7	5.8	
PM 102	8.0	4.0	6.0	7.3	5.7	4.0	5.0	7.0	5.8	
AMAZING GS (IS-PR 276)	7.0	5.3	7.0	6.0	6.3	3.7	5.0	6.0	5.7	
DCM	7.0	4.7	6.7	6.3	5.3	4.3	4.7	6.7	5.7	
DERBY XTREME (IS-PR 268)	7.0	5.7	6.7	6.3	6.0	4.3	5.0	6.0	5.7	
PIZZAZZ	6.7	4.3	6.3	7.0	6.0	4.3	4.7	5.7	5.7	
PREMIER II	6.3	4.0	6.3	7.3	5.7	4.7	4.7	5.7	5.7	
APR 1670	6.3	5.0	5.0	6.7	6.3	4.0	5.7	6.0	5.6	
DEFENDER (D04-UP)	7.3	3.7	5.7	6.0	6.0	4.0	5.3	6.3	5.6	
EXACTA II GLSR (LTP-611-GLSR)	7.7	5.7	6.0	6.7	6.7	3.3	4.7	6.0	5.6	
GOALKEEPER II (JR-114)	7.7	4.3	5.0	6.0	6.0	4.3	4.7	7.3	5.6	
MMW	7.0	6.3	6.3	6.7	6.7	3.7	5.0	5.3	5.6	
PROTEGE GLR	8.3	5.7	7.0	7.0	5.7	4.7	4.3	4.7	5.6	
QUICKSILVER	7.3	3.7	6.7	6.3	5.7	4.7	5.3	4.7	5.6	
REPELL GLS	6.3	5.0	6.0	6.3	6.0	4.3	4.3	6.3	5.6	
STELLAR GL (IS-PR 236)	7.7	5.7	6.0	6.3	6.0	3.7	5.0	6.3	5.6	
BREA (04-BRE)	6.3	4.7	5.0	6.3	6.7	2.3	5.0	7.7	5.5	
L44	8.3	5.3	4.7	6.3	6.3	4.0	4.7	7.0	5.5	
HAWKEYE 2 (SRX 4692)	5.7	5.0	6.0	6.7	5.7	4.3	4.7	5.7	5.5	
BARLENNIUM	5.0	3.7	5.0	6.7	6.0	3.7	4.7	6.7	5.4	

TABLE 26. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
 2007 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS								
	GENETIC COLOR	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ES45	8.0	4.3	5.7	7.0	6.0	3.7	4.3	6.0	5.4
GALATTI (DP 17-9502)	6.7	4.7	6.3	7.0	6.0	3.7	4.3	5.3	5.4
HOMERUN (RG3P)	7.0	5.0	4.7	6.3	6.3	4.3	4.3	6.7	5.4
PALMER III	5.7	4.7	5.3	6.7	6.0	3.3	5.7	5.7	5.4
ASP6004 (EXS54)	7.0	3.7	6.7	6.3	5.7	2.7	4.3	6.0	5.3
BAR LP 4920	6.7	4.3	6.0	6.7	5.7	3.3	4.3	5.7	5.3
NEXUS XR (SNR)	8.0	5.3	4.3	6.0	5.7	3.3	6.3	6.3	5.3
PICK 02-R	8.3	3.7	5.3	7.7	4.7	3.3	4.0	7.0	5.3
REGAL 5 (IS-PR 271)	8.0	4.3	6.7	7.0	5.3	3.0	5.0	5.0	5.3
CITATION FORE	5.0	4.0	5.0	7.0	6.0	3.3	4.0	6.0	5.2
VB99	9.0	4.7	6.0	6.0	5.7	3.3	5.0	5.0	5.2
HEADSTART 2	7.0	5.0	5.0	6.0	5.7	3.7	5.0	5.3	5.1
ASP6006 (LPFG)	8.3	6.0	5.7	5.7	5.7	2.3	4.3	5.0	4.8
LPR 02203	4.3	4.3	4.7	6.7	5.0	4.3	4.0	4.0	4.8
PHENOM (APR 1660)	6.7	5.3	5.3	6.0	5.7	4.0	3.7	4.3	4.8
AFFINITY	4.0	4.7	4.7	6.0	4.7	4.0	3.3	5.0	4.6
CABO II (IS-PR 233)	8.3	6.3	4.7	4.7	6.0	2.7	4.0	5.7	4.6
NEXUS XD (SP4)	8.7	4.7	4.3	4.0	6.0	2.7	4.3	6.3	4.6
PIANIST (DP 17-9505)	7.3	5.7	4.3	5.7	5.7	2.3	5.0	4.3	4.6
PREMIER	4.0	3.0	4.0	6.3	5.3	3.7	3.0	5.3	4.6
PINNACLE	5.0	5.7	4.0	5.3	4.7	3.0	4.0	5.3	4.4
FIREBOLT (PRG HS-01-09)	7.7	4.3	5.3	6.0	4.3	2.7	3.7	4.0	4.3
HALO (KN42)	9.0	5.0	4.3	5.3	5.3	3.0	4.3	3.3	4.3
WIND DANCE 2 (PWDR)	8.3	5.7	4.0	4.7	5.0	2.0	4.3	5.3	4.2
LINN	4.0	4.3	2.0	2.3	2.3	1.3	2.3	3.3	2.3
LSD VALUE	1.6	3.8	4.7	3.0	2.2	3.0	2.9	6.4	2.7
C.V. (%)	13.7	25.5	25.0	18.2	15.6	29.6	21.0	26.6	18.1

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.