

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS								
	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
KOKOMO II (IS-PR 235)	5.7	6.3	7.3	7.0	8.7	7.0	9.0	8.3	7.7
CHIVALRY (APR 1648)	6.3	6.3	7.3	7.3	8.3	7.3	8.7	7.7	7.6
BAR LP 4420	5.3	6.3	7.7	7.7	7.7	7.7	9.0	7.0	7.6
EXACTA II GLSR (LTP-611-GLSR)	5.7	6.7	7.0	7.7	8.3	7.3	8.7	7.7	7.6
MMW	6.0	6.3	7.3	7.0	8.7	7.7	8.3	8.0	7.6
PALACE (IS-PR 273)	6.0	6.7	7.3	7.0	8.0	8.0	8.0	8.0	7.6
PLEASURE SUPREME (PM 103)	5.0	5.7	7.7	7.3	8.3	7.7	9.0	7.3	7.6
AMAZING GS (IS-PR 276)	6.0	6.0	7.0	7.3	8.3	7.3	8.3	8.0	7.5
ES45	6.3	6.3	7.3	7.3	8.3	7.0	8.7	7.7	7.5
HOMERUN (RG3P)	5.7	6.0	7.3	6.7	8.7	7.3	8.7	7.7	7.5
PANTHER GLS	6.0	7.3	7.0	6.7	8.3	7.3	9.0	7.0	7.5
PRESIDIO (CNV)	5.0	6.0	7.3	8.0	8.0	7.0	8.7	7.7	7.5
PROTEGE GLR	5.7	5.7	7.7	7.3	8.3	7.3	9.0	7.3	7.5
REGAL 5 (IS-PR 271)	6.0	6.0	7.3	7.0	8.3	7.7	8.7	7.3	7.5
SOPRANO (DP1)	6.0	6.0	8.0	7.0	8.3	7.7	8.3	7.3	7.5
ALLSTAR 3 (IS-PR 274)	5.7	5.0	7.0	7.3	8.7	7.7	8.3	7.7	7.4
BACCARAT (RAD-PR8)	6.0	6.3	8.0	6.7	8.0	7.0	8.0	8.0	7.4
DEFENDER (D04-UP)	5.7	6.0	7.0	6.7	8.3	7.7	8.7	7.3	7.4
DERBY XTREME (IS-PR 268)	5.0	5.7	7.3	7.7	8.0	6.7	8.7	8.0	7.4
FIESTA 4 (PICK F4)	5.3	4.7	7.3	7.3	8.7	7.0	9.0	7.7	7.4
FUSION	5.7	5.7	7.7	7.0	8.3	8.0	8.3	7.0	7.4
GRAND SLAM 2 (PST-2GSM)	5.0	6.0	7.0	7.3	8.0	7.7	8.3	7.7	7.4
HARRIER (SRX 4UP3)	4.7	6.7	8.0	6.3	8.0	7.0	8.3	7.7	7.4
KEYSTONE 2 (IS-PR 312)	6.0	6.0	7.7	6.7	7.7	7.7	8.7	7.3	7.4
MACH I	5.7	6.3	6.7	7.0	9.0	7.0	7.7	8.0	7.4
MANHATTAN 5 GLR (PST-2AM)	6.0	6.3	7.3	7.0	7.7	7.3	9.0	7.3	7.4
PENTIUM	5.7	6.7	7.3	7.7	7.3	7.3	8.0	7.3	7.4
PINNACLE II	6.3	6.7	7.3	7.0	8.0	7.7	8.0	7.3	7.4
REVENGE GLX (JR-348)	5.7	6.0	7.7	6.0	8.3	8.0	8.3	7.7	7.4
TRANSFORMER (D04-1667)	6.0	7.0	7.0	7.3	7.7	7.7	8.3	6.7	7.4
WIND DANCE 2 (PWDR)	6.0	6.3	6.7	6.7	8.7	7.3	8.7	7.7	7.4
ZOOM (LCK)	6.0	5.3	7.3	6.7	8.7	7.7	8.0	8.0	7.4
1G SQUARED (APR 1664)	6.0	7.0	7.3	6.3	8.0	7.3	8.3	7.0	7.3
APPLE GL (AAZ-B104)	6.0	5.7	6.7	6.7	8.0	8.0	8.7	7.3	7.3
ASP6001 (RTS)	6.7	5.3	7.0	7.0	8.7	7.0	8.3	7.7	7.3
ASP6004 (EXS54)	5.3	5.7	7.3	6.7	8.3	7.0	9.0	7.3	7.3
ASP6005 (AJM)	5.7	6.3	7.3	6.3	7.7	7.3	8.7	7.7	7.3
ASP6006 (LPFG)	6.3	6.3	6.7	6.7	8.3	7.3	8.3	7.7	7.3
BUENA VISTA	6.0	6.0	7.3	6.7	8.0	7.0	9.0	7.0	7.3
CALYPSO 3 (MS2)	5.7	5.7	7.3	6.3	8.0	7.7	8.7	7.3	7.3
DART (APR 1663)	5.7	6.3	7.3	6.7	8.0	8.0	8.0	7.0	7.3
FIJI (GPR)	6.3	5.7	7.7	6.3	8.3	7.3	8.7	7.3	7.3
HEADSTART 2	5.7	5.7	7.0	7.7	8.3	7.3	8.3	6.7	7.3
INSPIRE	5.7	6.0	7.0	7.0	8.3	7.3	8.3	7.0	7.3
LA QUINTA (JR-255)	6.0	6.3	7.3	7.0	8.0	7.0	8.3	7.0	7.3
NEXUS XR (SNR)	5.7	6.3	7.3	6.0	8.3	7.0	8.3	8.0	7.3
NOTABLE (AF)	6.3	6.7	8.0	6.7	8.0	7.0	8.0	7.0	7.3

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
OVERDRIVE	5.7	6.0	7.7	7.0	8.0	7.0	7.7	7.7	7.3
PALMER IV	6.3	5.3	7.3	6.0	8.3	7.3	9.0	8.0	7.3
PARAGON GLR	6.3	5.0	7.7	7.0	8.0	8.0	8.3	7.0	7.3
PROTOTYPE (DCM)	5.7	6.7	7.3	6.7	7.7	6.7	8.7	7.3	7.3
PST-217	5.7	6.3	7.0	7.0	8.0	7.7	8.3	7.0	7.3
QUICKSILVER	4.3	5.3	7.0	7.0	7.7	8.0	8.3	7.7	7.3
REPELL GLS	6.3	5.3	7.3	7.0	8.3	7.7	8.3	7.3	7.3
SILVER DOLLAR	6.0	6.0	7.7	7.3	7.7	7.3	8.0	7.3	7.3
SR 4600 (SRX 4SP)	5.3	5.7	6.7	7.0	8.3	7.3	8.7	7.7	7.3
STELLAR GL (IS-PR 236)	5.3	5.7	7.0	6.7	8.3	7.0	9.0	7.7	7.3
TOP GUN II (JR-324)	6.0	5.7	7.3	7.0	7.7	7.7	8.3	7.7	7.3
ASP6003 (TRS)	5.3	6.0	7.0	7.3	7.7	7.0	8.7	7.0	7.2
ATTRIBUTE (IS-PR 270)	6.3	5.7	7.3	6.7	7.7	7.3	8.3	7.7	7.2
CABO II (IS-PR 233)	5.7	5.0	8.0	7.0	8.3	7.7	8.0	6.7	7.2
CITATION FORE	6.0	6.0	6.7	7.7	7.3	8.0	7.7	7.3	7.2
CUTTER II (PM 101)	5.7	5.0	7.3	7.3	8.0	7.3	8.3	7.3	7.2
DASHER 3 (PICK RB-1)	5.0	4.7	7.0	7.3	7.7	8.0	8.3	7.7	7.2
DELAWARE XL (PICK 01-2)	5.0	6.0	7.3	6.3	8.0	7.7	8.7	6.7	7.2
FOREVER (DP 17-9499)	5.0	5.7	7.0	7.0	8.0	7.7	8.0	7.3	7.2
NEXUS XD (SP4)	6.7	5.7	7.0	6.3	8.0	7.3	8.3	7.7	7.2
PALMER V (RNS)	5.0	5.0	6.7	7.0	8.0	7.7	8.7	7.7	7.2
PST-2AG4	5.7	5.7	7.0	7.0	7.0	8.0	8.0	7.7	7.2
RINGER II (04-BEN)	5.3	6.3	7.3	6.3	7.0	7.7	8.0	8.0	7.2
TR47	6.3	6.7	7.0	6.3	7.7	7.0	8.7	7.3	7.2
ASP6002 (BPR)	5.3	5.0	7.3	7.0	7.3	7.3	8.3	7.3	7.1
BARLENNIUM	5.7	7.0	6.7	6.7	7.3	7.7	8.0	6.7	7.1
GOALKEEPER II (JR-114)	6.0	5.3	7.3	7.3	7.7	7.0	8.0	7.3	7.1
MAJESTY II (VB77)	6.3	4.7	7.3	7.3	8.0	7.0	8.7	6.7	7.1
PIZZAZZ	6.3	5.7	7.3	7.0	7.7	7.3	8.0	7.0	7.1
ACCENT II (JR-119)	4.3	4.7	7.3	7.3	7.0	7.3	8.0	7.3	7.0
BAR LP 4317	5.3	6.0	7.3	7.0	7.3	7.3	8.0	6.3	7.0
BREA (04-BRE)	5.0	5.7	7.3	6.3	7.0	6.7	9.0	7.0	7.0
BRIGHTSTAR SLT	5.0	5.3	7.0	6.3	7.7	7.7	8.3	7.0	7.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	5.7	7.0	6.0	7.3	7.7	8.3	6.7	7.0
E-99	5.7	4.7	7.7	7.0	7.0	7.7	8.0	7.3	7.0
EDGE II (AC2)	5.3	5.3	7.7	7.0	7.3	6.0	8.7	7.3	7.0
GRAY STAR (PST-2LGL)	5.0	5.3	7.0	7.0	7.3	7.0	8.7	7.0	7.0
HAWKEYE 2 (SRX 4692)	4.7	4.7	6.3	7.3	8.0	7.0	8.7	7.0	7.0
LINE DRIVE GLS (APR 1797)	6.0	5.7	7.3	6.3	7.0	6.7	8.7	7.7	7.0
LS 2300 (APR 1670)	6.0	6.0	7.3	6.3	7.0	7.3	7.7	7.0	7.0
PACESETTER II (PS-2)	6.3	5.3	7.7	6.3	7.7	7.0	7.3	7.7	7.0
PALMER GLS (GL-2)	5.7	6.0	7.3	6.3	7.7	6.3	8.0	7.7	7.0
PHENOM (APR 1660)	6.0	6.3	7.3	6.3	7.7	7.0	7.3	7.0	7.0
PRIMARY (IS-PR 269)	6.3	5.7	7.3	6.7	7.0	6.7	8.3	7.7	7.0
PST-2BLK	5.7	5.0	6.7	6.7	7.7	7.3	8.0	7.3	7.0
SUNSHINE 2	5.0	4.3	7.7	6.3	7.7	7.0	8.7	7.0	7.0
UNO (D04-11T)	5.3	5.0	7.0	6.3	8.0	7.3	8.7	7.0	7.0

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS				MEAN
					JUL	AUG	SEP	OCT	
VB99	5.3	4.7	7.0	7.0	8.0	6.7	8.3	7.0	7.0
WAYFARER (L44)	6.7	5.0	7.3	6.7	8.0	6.7	8.0	7.3	7.0
D04-LP05	4.7	4.7	7.0	6.3	7.7	7.0	8.0	7.3	6.9
FIREBOLT (PRG HS-01-09)	6.7	3.7	7.0	6.3	8.0	7.0	8.7	7.3	6.9
GRAY FOX (PST-2MNG)	5.7	5.0	7.0	6.0	7.7	7.3	7.3	7.7	6.9
HALO (KN42)	5.3	5.7	6.7	6.7	7.7	7.0	8.0	6.7	6.9
MONTEREY 3 (JR-408)	4.7	4.3	7.7	6.7	7.7	6.7	8.0	7.3	6.9
PICK 02-R	5.0	5.3	6.3	6.0	7.7	6.7	8.3	8.0	6.9
PM 102	6.0	5.0	7.3	5.7	8.0	7.0	8.0	7.3	6.9
PREMIER II	5.3	5.3	7.3	6.3	7.0	7.7	8.0	6.3	6.9
BAR LP 4920	4.7	5.7	7.3	6.7	6.3	6.7	7.3	7.3	6.8
DP 17-9788	5.3	6.0	7.0	6.7	6.3	7.3	8.0	6.3	6.8
GALATTI (DP 17-9502)	5.7	5.7	7.0	6.0	7.0	7.0	8.0	7.0	6.8
PALMER III	6.0	5.0	7.3	7.0	7.0	6.0	7.7	7.3	6.8
PIANIST (DP 17-9505)	5.7	5.0	7.0	6.3	7.7	6.7	8.0	7.0	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	4.3	7.7	7.0	7.0	6.7	8.3	6.3	6.8
PLATEAU (PST-2LAN)	5.0	5.3	6.0	6.3	7.3	7.3	7.7	7.0	6.7
SRX 4682	5.3	4.7	6.3	7.7	6.7	7.0	7.3	7.0	6.7
CADDIESHACK II (JR-163)	5.3	3.7	6.7	6.3	7.3	6.7	7.7	6.3	6.4
AFFINITY	4.7	5.3	6.3	5.7	6.0	7.0	7.3	6.0	6.2
PANTHER	6.3	4.7	6.3	5.0	7.3	7.0	7.3	6.0	6.2
PREMIER	5.0	5.7	6.7	5.7	5.7	6.7	7.3	5.7	6.2
PINNACLE	4.7	6.3	5.7	5.0	5.7	6.7	7.3	5.7	6.0
LPR 02203	4.7	3.3	6.0	4.7	6.7	6.3	7.0	6.0	5.7
LINN	2.0	4.3	4.3	3.0	3.7	4.7	4.0	4.0	4.0
LSD VALUE	1.4	5.7	1.4	1.7	1.1	1.5	1.2	1.2	0.5
C.V. (%)	13.1	22.6	8.9	12.3	8.7	9.1	8.1	8.8	4.7

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 CARBONDALE, IL 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	SPRING	DOLLAR	QUALITY RATINGS									
	COLOR	GREENUP	SPOT	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
GRAY FOX (PST-2MNG)	5.3	4.3	2.0	5.3	8.3	6.3	8.7	7.3	7.3	7.3	8.0	8.7	7.5
PALMER GLS (GL-2)	5.7	2.7	2.7	4.3	9.0	7.0	8.0	8.0	7.3	7.0	8.3	8.3	7.5
TRANSFORMER (D04-1667)	5.0	3.7	2.3	4.7	8.7	7.7	7.0	8.7	7.3	7.0	8.0	8.3	7.5
GRAY STAR (PST-2LGL)	6.0	3.0	1.3	4.3	9.0	8.0	8.3	8.0	6.7	6.3	7.7	8.7	7.4
PANTHER GLS	6.0	2.3	3.0	5.3	9.0	9.0	8.0	7.3	6.0	5.7	7.3	8.7	7.4
EXACTA II GLSR (LTP-611-GLSR)	7.0	5.0	2.3	4.7	8.3	8.0	8.7	7.7	6.0	6.0	7.3	8.7	7.3
HOMERUN (RG3P)	6.3	4.0	3.3	5.0	8.7	8.0	8.3	8.0	6.3	5.7	7.7	8.3	7.3
PRIMARY (IS-PR 269)	6.3	5.7	3.0	6.0	9.0	8.0	8.0	7.3	6.3	5.7	7.0	8.0	7.3
BACCARAT (RAD-PR8)	5.7	4.3	3.7	5.3	8.0	8.3	8.7	7.0	6.0	5.7	7.3	8.3	7.2
OVERDRIVE	6.0	2.0	3.0	4.7	8.7	8.0	7.7	7.7	6.7	6.0	6.7	7.7	7.1
PALMER V (RNS)	6.0	4.0	3.7	5.7	9.0	8.0	8.3	7.0	5.7	4.7	7.0	8.7	7.1
PARAGON GLR	6.7	5.0	2.3	5.3	9.0	8.7	7.3	8.0	6.7	5.3	6.7	7.3	7.1
PLATEAU (PST-2LAN)	4.7	4.0	2.3	5.0	8.3	8.0	8.3	7.7	6.3	5.0	7.0	8.3	7.1
PST-2AG4	6.0	3.3	2.7	4.7	8.3	7.0	6.3	8.0	7.3	7.0	7.7	8.0	7.1
AMAZING GS (IS-PR 276)	6.3	4.0	3.0	5.3	8.3	7.3	7.7	7.0	6.0	5.7	7.3	8.0	7.0
APPLE GL (AAZ-B104)	6.0	3.7	2.7	5.0	8.7	7.0	7.7	7.7	6.3	5.7	7.0	8.0	7.0
PROTOTYPE (DCM)	6.0	3.3	3.0	5.3	8.7	8.3	8.0	8.0	6.0	4.3	6.3	8.0	7.0
TOP GUN II (JR-324)	7.3	4.0	2.0	4.7	8.0	7.3	8.0	7.7	7.0	6.3	7.0	7.0	7.0
ZOOM (LCK)	5.3	4.0	4.0	5.3	8.7	8.7	8.3	7.0	6.0	5.3	6.0	7.3	7.0
ATTRIBUTE (IS-PR 270)	6.7	4.3	3.0	5.0	8.0	7.7	7.0	6.7	6.0	6.3	7.0	8.0	6.9
CADDIESHACK II (JR-163)	5.7	2.7	4.7	5.0	9.0	8.7	8.3	7.7	5.7	4.3	6.3	7.3	6.9
KEYSTONE 2 (IS-PR 312)	6.7	3.7	3.3	4.7	8.3	7.3	8.0	8.0	6.7	5.0	6.3	7.3	6.9
KOKOMO II (IS-PR 235)	6.7	4.0	4.0	4.7	8.0	8.0	7.0	7.0	6.0	5.3	7.0	8.7	6.9
MAJESTY II (VB77)	7.3	3.0	3.0	4.7	8.3	8.0	6.7	7.0	6.3	6.0	7.3	8.0	6.9
MANHATTAN 5 GLR (PST-2AM)	5.0	4.0	3.3	5.0	8.3	7.7	8.0	7.0	6.0	6.0	6.7	7.3	6.9
REGAL 5 (IS-PR 271)	6.3	3.3	3.7	5.0	8.3	8.7	6.3	7.3	5.7	5.0	7.0	8.7	6.9
REVENGE GLX (JR-348)	6.3	4.0	3.0	5.0	8.7	7.0	7.0	7.0	6.3	7.0	7.0	7.3	6.9
SILVER DOLLAR	6.3	5.0	3.0	5.7	8.7	8.0	7.3	7.3	6.3	5.3	6.3	7.3	6.9
ACCENT II (JR-119)	7.0	3.7	1.7	4.3	8.0	7.3	8.0	7.3	6.3	5.7	6.7	7.3	6.8
ALLSTAR 3 (IS-PR 274)	6.3	3.0	4.0	4.7	7.7	8.0	7.0	6.7	6.0	5.3	7.3	8.3	6.8
CHIVALRY (APR 1648)	7.0	4.7	1.3	5.7	8.7	8.0	7.0	6.7	6.0	5.7	6.3	7.0	6.8
BAR LP 4317	4.7	3.3	3.0	5.3	8.7	7.7	8.7	6.7	5.7	5.0	6.3	7.3	6.8
FIJI (GPR)	7.7	2.7	2.7	5.7	8.0	7.7	6.0	7.3	6.3	6.0	7.0	7.3	6.8
GRAND SLAM 2 (PST-2GSM)	5.3	2.3	3.0	4.7	8.0	7.7	7.3	7.0	6.0	6.0	7.0	7.3	6.8
PALACE (IS-PR 273)	6.7	4.0	2.7	4.3	8.0	7.7	5.3	8.0	6.7	6.0	7.3	8.0	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	4.3	4.0	3.0	5.3	7.7	7.0	8.7	7.0	5.7	5.0	6.7	8.0	6.8
ASP6002 (BPR)	8.7	3.3	3.0	4.7	8.0	8.0	6.7	7.0	5.7	5.3	6.7	8.0	6.7
BARLENNIUM	5.7	4.7	3.0	4.7	7.7	7.0	8.0	6.3	6.0	6.0	7.0	7.3	6.7
BUENA VISTA	5.3	4.0	1.7	5.0	8.3	7.3	8.3	7.0	5.3	5.0	6.7	7.0	6.7
EDGE II (AC2)	7.3	4.7	3.0	5.0	8.3	7.7	8.0	6.7	5.7	5.3	6.7	7.3	6.7
FIESTA 4 (PICK F4)	7.7	6.0	3.7	6.0	8.0	6.3	6.7	6.7	6.0	6.0	7.0	8.0	6.7
MMW	5.7	4.0	3.3	5.0	8.3	7.0	8.0	7.0	6.0	5.3	6.3	7.3	6.7
PROTEGE GLR	7.3	4.7	3.0	4.7	7.7	6.7	6.0	7.3	6.0	5.7	7.3	8.7	6.7
REPELL GLS	5.7	2.7	3.7	5.3	8.0	8.0	7.3	7.3	5.7	4.3	6.3	8.0	6.7
SOPRANO (DP1)	5.7	5.0	3.7	4.7	8.0	8.3	6.3	6.7	6.0	5.7	6.7	7.7	6.7
SRX 4682	5.3	4.0	2.7	5.0	8.7	7.0	7.7	6.0	5.3	5.0	7.0	8.7	6.7
UNO (D04-11T)	6.7	6.0	5.7	6.0	8.7	8.0	6.7	6.3	5.3	5.3	6.7	7.3	6.7

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DOLLAR SPOT	MAR	APR	MAY	JUN	QUALITY RATINGS					OCT	NOV	MEAN
VB99	8.7	2.0	3.7	5.0	7.7	7.3	6.0	7.3	6.0	5.0	7.0	8.7	6.7		
DERBY XTREME (IS-PR 268)	7.0	6.7	4.3	6.0	8.0	7.7	7.0	6.0	5.3	4.7	6.3	8.0	6.6		
E-99	6.0	3.3	2.7	5.3	8.3	7.7	8.7	7.0	5.3	4.7	6.0	6.7	6.6		
GOALKEEPER II (JR-114)	6.7	3.0	5.3	5.0	8.7	8.7	8.0	6.7	5.0	4.0	6.0	7.3	6.6		
LS 2300 (APR 1670)	5.0	4.0	4.3	5.3	8.3	7.0	8.3	6.0	5.7	4.3	6.3	8.0	6.6		
MONTEREY 3 (JR-408)	7.0	2.7	3.3	4.7	7.7	8.0	7.7	7.0	6.0	5.0	6.3	7.0	6.6		
PST-217	5.0	1.3	3.7	4.3	8.7	8.7	7.3	7.0	5.7	5.3	6.3	6.0	6.6		
RINGER II (04-BEN)	5.3	5.0	2.0	6.0	9.0	7.0	7.7	6.7	6.0	4.7	6.0	6.3	6.6		
SR 4600 (SRX 4SP)	6.0	4.7	3.0	5.7	7.7	6.3	7.0	7.0	6.0	5.3	6.7	7.3	6.6		
ASP6001 (RTS)	8.7	3.3	2.7	4.7	8.7	8.0	7.7	6.0	5.3	5.0	6.3	7.0	6.5		
BRIGHTSTAR SLT	4.7	2.0	5.0	5.0	8.3	7.0	7.3	6.0	5.0	5.0	6.7	8.0	6.5		
CABO II (IS-PR 233)	8.0	4.0	3.3	4.7	7.7	7.0	6.7	6.3	6.0	5.7	7.0	7.7	6.5		
CITATION FORE	5.3	4.7	5.0	5.3	8.3	6.3	7.3	5.7	5.7	5.7	6.7	7.3	6.5		
ES45	8.7	5.7	2.7	5.0	8.0	7.7	8.0	6.3	5.3	5.0	6.3	7.0	6.5		
PALMER IV	6.3	3.3	3.0	4.7	8.3	8.7	6.3	6.3	5.3	5.0	6.3	7.3	6.5		
PLEASURE SUPREME (PM 103)	7.3	4.3	1.7	4.7	7.7	7.0	7.7	7.0	6.0	5.7	6.3	6.3	6.5		
BAR LP 4420	6.3	4.0	2.3	5.0	8.0	7.0	8.0	7.0	5.3	4.7	6.0	6.7	6.4		
FIREBOLT (PRG HS-01-09)	9.0	3.7	3.0	4.3	8.7	8.0	7.7	6.0	5.0	5.0	6.0	6.7	6.4		
FOREVER (DP 17-9499)	6.7	5.3	3.7	4.7	7.3	8.0	6.7	6.3	5.7	5.0	6.7	7.0	6.4		
NEXUS XD (SP4)	9.0	5.0	2.0	4.7	7.7	6.3	8.0	6.7	6.0	5.0	6.7	7.0	6.4		
PACESETTER II (PS-2)	6.0	4.3	3.7	5.0	8.7	7.0	7.0	8.0	5.7	4.3	5.7	6.3	6.4		
ASP6005 (AJM)	8.0	2.0	4.0	4.7	7.7	7.3	6.3	7.0	6.0	5.0	6.0	6.7	6.3		
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	4.7	2.3	5.0	8.3	6.0	8.0	6.3	5.3	5.0	5.7	6.7	6.3		
DEFENDER (D04-UP)	5.7	4.0	4.3	5.0	8.0	7.3	7.0	6.7	5.0	4.0	6.3	7.7	6.3		
HALO (KN42)	8.3	3.0	3.3	4.7	7.7	7.7	5.3	6.3	5.7	5.0	6.7	7.3	6.3		
NEXUS XR (SNR)	8.7	4.0	2.0	4.3	7.7	7.0	6.7	6.3	5.3	6.0	6.3	6.7	6.3		
NOTABLE (AF)	6.0	3.7	4.0	5.0	8.0	6.7	7.7	6.0	6.0	5.0	5.7	6.3	6.3		
D04-LP05	6.7	3.7	3.0	5.0	7.0	6.7	7.7	7.3	5.7	4.7	5.7	6.0	6.2		
HAWKEYE 2 (SRX 4692)	6.7	4.0	2.7	4.3	7.7	7.3	7.3	7.0	5.0	4.3	6.0	7.0	6.2		
QUICKSILVER	7.0	3.0	3.3	4.7	8.0	7.0	6.0	6.0	5.7	5.0	7.0	6.3	6.2		
TR47	9.0	4.3	2.7	5.0	7.3	6.7	6.7	6.0	5.7	5.7	6.3	6.3	6.2		
CALYPSO 3 (MS2)	7.7	3.3	2.7	4.3	6.3	7.0	6.3	7.0	6.3	5.3	6.3	6.3	6.1		
CUTTER II (PM 101)	7.3	2.7	3.7	4.7	7.7	7.3	5.3	6.7	5.7	5.0	6.0	6.3	6.1		
DASHER 3 (PICK RB-1)	6.3	2.0	2.0	4.0	7.7	7.0	6.0	7.0	5.3	4.3	6.0	7.7	6.1		
DP 17-9788	4.3	3.3	3.0	5.0	8.0	6.3	7.0	5.7	5.7	4.7	6.0	6.3	6.1		
FUSION	6.3	4.3	1.7	4.7	7.3	6.3	6.3	6.3	5.7	5.0	6.0	7.0	6.1		
GALATTI (DP 17-9502)	5.3	2.3	3.7	4.3	6.3	7.7	7.0	6.3	5.3	4.3	6.3	7.3	6.1		
LINE DRIVE GLS (APR 1797)	5.3	3.7	4.0	5.0	7.7	6.7	6.7	6.3	5.0	4.7	6.3	7.0	6.1		
PINNACLE II	7.0	5.3	3.0	5.0	8.7	6.7	7.0	6.7	5.7	4.7	5.0	5.7	6.1		
PM 102	8.0	3.7	4.3	5.0	7.7	7.0	6.7	5.7	4.7	4.7	6.3	7.7	6.1		
PREMIER II	5.0	5.3	3.0	5.3	8.3	6.7	7.7	5.7	4.7	4.7	5.7	6.7	6.1		
ASP6004 (EXS54)	8.0	3.7	4.0	4.0	7.3	6.3	6.0	7.0	5.0	4.3	6.3	8.0	6.0		
DART (APR 1663)	6.0	3.0	4.0	5.0	8.7	7.0	6.3	5.7	4.7	4.0	5.3	7.0	6.0		
DELAWARE XL (PICK 01-2)	8.7	3.3	3.7	4.7	7.0	7.0	6.0	6.7	5.0	4.7	6.0	7.0	6.0		
INSPIRE	6.3	3.7	3.3	4.0	7.7	6.7	7.0	6.3	5.3	5.0	5.7	6.0	6.0		
PENTIUM	5.0	3.3	3.3	4.7	8.3	6.3	6.7	5.3	5.3	5.0	6.0	6.3	6.0		
PST-2BLK	7.0	2.3	1.7	4.7	7.0	7.7	7.3	6.0	5.3	5.3	5.0	5.3	6.0		

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DOLLAR SPOT	MAR	APR	MAY	QUALITY RATINGS					OCT	NOV	MEAN
WAYFARER (L44)	8.7	1.3	3.3	4.0	6.7	6.3	6.0	7.3	6.0	5.3	6.0	6.3	6.0	6.0
STELLAR GL (IS-PR 236)	7.7	5.3	4.3	5.0	7.7	6.3	5.0	5.0	5.0	4.7	6.7	8.0	5.9	5.9
ASP6003 (TRS)	8.0	3.0	3.3	4.3	6.3	7.0	6.0	6.0	5.3	5.0	6.0	6.3	5.8	5.8
BAR LP 4920	5.0	3.3	5.0	5.3	7.3	6.3	7.3	5.3	4.3	4.0	5.3	7.0	5.8	5.8
WIND DANCE 2 (PWDR)	9.0	3.7	3.7	4.0	6.7	6.7	7.0	6.3	5.3	4.7	5.3	6.0	5.8	5.8
HARRIER (SRX 4UP3)	6.7	4.0	3.7	4.0	6.0	6.3	7.3	6.7	5.0	4.0	5.7	6.7	5.7	5.7
PHENOM (APR 1660)	5.7	4.3	4.0	5.0	7.7	6.7	7.0	5.3	4.0	4.0	5.7	6.0	5.7	5.7
PRESIDIO (CNV)	8.7	4.7	1.7	5.0	6.3	7.0	6.7	6.0	5.0	5.0	5.0	5.7	5.7	5.7
BREA (04-BRE)	7.3	3.7	2.0	4.7	8.3	6.7	6.0	5.7	4.7	4.0	4.7	5.7	5.6	5.6
HEADSTART 2	7.3	2.7	4.7	4.0	6.7	6.3	4.7	5.7	5.0	5.0	6.3	6.3	5.6	5.6
PIANIST (DP 17-9505)	5.7	4.0	3.7	4.3	5.7	5.0	7.7	5.0	5.3	6.0	6.0	5.7	5.6	5.6
1G SQUARED (APR 1664)	6.0	2.3	4.3	5.3	8.0	6.3	5.0	5.3	4.3	4.7	5.0	5.0	5.4	5.4
ASP6006 (LPFG)	8.0	4.3	4.3	4.7	7.0	7.0	6.0	5.3	4.0	4.0	5.0	5.3	5.4	5.4
LA QUINTA (JR-255)	8.0	3.7	3.3	5.0	7.3	6.7	6.7	4.7	4.3	4.7	4.7	4.7	5.4	5.4
MACH I	6.7	4.3	3.7	4.3	7.0	5.3	6.0	7.0	5.0	3.3	5.0	6.0	5.4	5.4
AFFINITY	2.7	4.0	5.0	5.0	8.0	5.0	6.3	5.0	4.0	4.0	5.0	5.7	5.3	5.3
LPR 02203	3.0	3.0	6.3	4.3	7.0	5.3	7.0	5.3	4.7	4.3	5.0	4.7	5.3	5.3
PALMER III	5.0	2.7	4.7	4.7	8.3	6.0	6.3	5.0	4.0	2.7	5.0	5.7	5.3	5.3
PANTHER	4.0	3.0	4.0	4.7	8.0	5.0	6.7	4.3	4.3	3.3	5.0	6.3	5.3	5.3
SUNSHINE 2	8.7	3.0	6.0	4.3	6.3	5.7	5.0	5.7	4.7	4.3	5.3	5.3	5.2	5.2
PIZZAZZ	6.7	4.3	4.0	4.7	8.0	6.0	5.0	5.0	4.0	3.3	4.3	5.3	5.1	5.1
PINNACLE	2.0	3.0	6.3	5.3	7.0	4.3	4.3	5.0	4.3	4.3	5.0	5.3	5.0	5.0
PICK 02-R	9.0	3.7	2.7	3.3	5.3	6.0	4.3	5.3	4.3	3.7	5.0	6.0	4.8	4.8
PREMIER	2.3	2.7	7.7	4.3	6.0	3.3	3.3	3.3	2.0	1.7	3.0	4.3	3.5	3.5
LINN	1.0	2.3	4.7	1.3	2.7	1.3	1.3	1.0	1.0	1.0	2.0	2.3	1.6	1.6
LSD VALUE	0.9	1.8	2.5	1.4	1.5	1.3	1.6	1.5	1.3	1.4	1.2	1.6	0.9	0.9
C.V. (%)	9.3	26.9	37.8	14.6	10.9	11.8	13.9	13.6	14.0	16.4	11.8	14.0	8.9	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 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SUMMER	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PROTOTYPE (DCM)	8.0	8.0	7.7	8.0	7.0	6.7	5.7	5.0	5.3	6.5
HOMERUN (RG3P)	8.0	8.0	7.7	7.7	6.7	6.7	5.0	5.0	5.3	6.3
KEYSTONE 2 (IS-PR 312)	8.0	7.7	6.7	6.7	7.3	6.3	5.7	6.3	5.3	6.3
KOKOMO II (IS-PR 235)	8.3	8.0	7.3	7.3	6.7	6.3	5.3	5.7	5.7	6.3
NOTABLE (AF)	8.0	8.0	7.3	6.7	7.3	6.7	5.3	5.0	5.3	6.2
PALACE (IS-PR 273)	8.7	8.0	7.0	7.3	7.0	6.7	5.3	5.0	5.3	6.2
REVENGE GLX (JR-348)	8.7	7.7	7.7	7.7	6.7	5.7	5.3	5.0	5.7	6.2
ALLSTAR 3 (IS-PR 274)	8.0	7.7	7.0	7.3	7.3	6.3	5.3	4.7	5.0	6.1
AMAZING GS (IS-PR 276)	8.0	8.0	6.7	7.7	7.0	6.0	5.3	5.3	5.0	6.1
ZOOM (LCK)	8.3	8.3	7.3	7.3	7.0	6.7	5.3	4.3	4.7	6.1
ATTRIBUTE (IS-PR 270)	8.7	7.7	6.3	7.3	6.0	5.7	5.3	6.0	5.0	6.0
BAR LP 4317	7.7	7.7	7.3	6.3	6.3	6.0	5.3	5.3	5.0	6.0
CALYPSO 3 (MS2)	8.3	7.3	7.3	7.3	6.7	5.7	5.0	4.7	5.0	6.0
HAWKEYE 2 (SRX 4692)	8.0	7.3	7.0	7.0	7.0	6.3	5.0	5.0	5.0	6.0
PLATEAU (PST-2LAN)	7.3	7.3	7.0	6.7	7.0	6.0	5.3	5.0	5.0	6.0
STELLAR GL (IS-PR 236)	8.3	8.0	7.3	6.3	6.7	6.0	4.7	5.3	5.3	6.0
CADDIESHACK II (JR-163)	8.0	7.7	7.0	7.3	6.7	6.0	5.0	4.0	5.0	5.9
GRAND SLAM 2 (PST-2GSM)	8.0	7.7	6.7	7.0	6.7	5.7	5.7	4.7	5.0	5.9
PRIMARY (IS-PR 269)	8.0	7.7	7.3	7.0	6.7	6.0	5.0	4.7	4.7	5.9
PST-2BLK	8.3	7.7	6.7	6.7	6.3	5.3	5.0	5.3	5.7	5.9
REGAL 5 (IS-PR 271)	8.3	8.0	6.3	8.0	6.7	5.3	4.7	4.7	5.3	5.9
RINGER II (04-BEN)	8.0	8.0	7.3	7.0	7.0	6.3	5.0	4.0	4.7	5.9
SECRETARIAT II GLSR (LTP-101-GLSR)	7.7	7.7	7.3	7.3	6.7	6.3	5.0	4.3	4.3	5.9
SILVER DOLLAR	8.0	8.0	6.7	6.3	6.7	6.0	4.7	5.3	5.7	5.9
SOPRANO (DP1)	8.0	8.7	7.3	7.0	6.7	6.0	4.7	4.0	5.3	5.9
BRIGHTSTAR SLT	8.0	7.3	5.7	7.0	6.3	5.3	5.0	5.3	5.7	5.8
UNO (D04-11T)	8.0	8.0	7.0	7.3	6.7	5.7	5.3	4.0	4.3	5.8
CUTTER II (PM 101)	8.3	8.0	6.3	7.0	6.7	5.3	4.3	5.0	5.3	5.7
D04-LP05	8.0	7.7	6.3	6.7	6.0	5.3	5.0	5.7	5.0	5.7
DERBY XTREME (IS-PR 268)	8.3	8.0	6.7	6.7	6.3	6.0	4.7	4.3	5.0	5.7
EDGE II (AC2)	8.0	8.0	5.7	6.3	6.3	6.0	5.0	4.7	5.7	5.7
FIREBOLT (PRG HS-01-09)	8.3	7.7	6.7	6.3	6.3	5.7	4.7	4.3	5.7	5.7
GOALKEEPER II (JR-114)	8.0	7.0	7.0	7.3	6.0	5.3	4.7	4.7	4.7	5.7
GRAY FOX (PST-2MNG)	8.3	8.0	6.0	6.7	5.7	5.3	5.0	5.3	6.0	5.7
LINE DRIVE GLS (APR 1797)	7.3	7.3	6.3	6.7	7.0	5.3	5.0	5.0	4.3	5.7
OVERDRIVE	8.3	8.0	6.3	7.0	6.7	6.3	4.3	4.3	4.7	5.7
CHIVALRY (APR 1648)	8.0	8.3	5.7	7.0	6.0	5.3	5.0	4.7	5.3	5.6
ASP6006 (LPFG)	8.0	7.7	6.3	7.0	6.3	5.7	4.7	4.3	5.0	5.6
DART (APR 1663)	8.0	7.3	6.0	6.7	6.3	5.7	4.7	5.0	4.7	5.6
DASHER 3 (PICK RB-1)	8.0	8.3	6.0	6.7	6.7	6.0	5.0	4.3	4.3	5.6
LA QUINTA (JR-255)	8.0	8.0	6.7	7.3	6.3	5.3	5.0	4.0	4.7	5.6
MMW	8.0	7.0	6.3	6.7	6.7	5.0	4.7	4.7	5.0	5.6
MONTEREY 3 (JR-408)	8.0	7.7	5.7	7.0	6.7	5.7	4.3	4.7	5.0	5.6
PALMER GLS (GL-2)	8.3	7.7	6.3	7.0	6.3	5.7	4.7	4.3	4.7	5.6
PALMER IV	8.3	7.3	6.7	7.0	6.3	5.3	4.7	4.3	5.0	5.6
PINNACLE II	8.3	7.7	6.3	7.0	6.0	6.0	5.0	4.0	4.7	5.6
TOP GUN II (JR-324)	8.0	8.0	6.0	6.3	6.0	6.0	5.0	5.0	4.7	5.6

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SUMMER	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ASP6004 (EXS54)	8.0	8.3	5.7	7.0	5.7	5.0	4.3	5.7	5.0	5.5
BAR LP 4420	8.3	8.0	6.0	5.7	5.7	5.7	4.7	5.3	5.3	5.5
BAR LP 4920	8.0	8.0	5.7	6.3	5.7	5.7	5.3	4.7	5.3	5.5
CABO II (IS-PR 233)	8.3	8.0	6.3	6.3	6.3	6.0	4.7	4.0	4.7	5.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	8.0	7.7	6.3	6.7	6.0	5.7	4.7	4.3	4.7	5.5
HARRIER (SRX 4UP3)	7.7	7.3	6.0	6.0	6.0	5.7	5.0	5.3	4.7	5.5
PACESETTER II (PS-2)	8.0	7.0	6.0	7.0	6.3	5.0	4.3	5.3	4.7	5.5
PALMER V (RNS)	8.3	7.0	6.7	7.0	6.3	5.3	5.0	3.3	4.7	5.5
PANTHER GLS	8.3	8.0	7.0	7.0	6.3	5.7	4.7	3.3	4.7	5.5
PENTIUM	7.3	7.3	6.0	6.3	6.7	5.3	4.7	5.0	4.7	5.5
PHENOM (APR 1660)	8.3	8.0	6.3	7.7	6.7	5.7	4.7	3.0	4.7	5.5
PICK 02-R	8.7	8.0	6.7	7.0	6.3	5.0	4.7	3.7	5.0	5.5
PLEASURE SUPREME (PM 103)	8.0	7.7	5.3	7.0	6.3	5.3	4.7	5.0	5.0	5.5
PREMIER II	7.3	7.7	6.7	6.0	6.3	5.7	4.7	5.0	4.3	5.5
PST-217	8.0	7.3	6.3	7.0	6.7	5.3	4.3	4.0	4.7	5.5
REPELL GLS	8.0	8.0	6.3	6.7	6.3	5.3	4.3	4.7	5.0	5.5
WIND DANCE 2 (PWDR)	8.0	7.7	6.0	7.0	6.0	5.3	4.3	4.7	5.0	5.5
INSPIRE	8.0	7.7	5.7	6.7	6.0	5.3	4.7	4.7	4.7	5.4
MANHATTAN 5 GLR (PST-2AM)	8.0	7.3	5.7	6.3	5.7	5.3	4.7	5.3	4.7	5.4
PARAGON GLR	8.0	7.7	6.0	7.0	6.0	5.7	5.0	3.7	4.7	5.4
PIZZAZZ	7.3	8.3	5.7	7.0	6.0	5.3	4.7	4.3	5.0	5.4
SR 4600 (SRX 4SP)	8.3	8.0	6.3	6.7	6.0	5.3	4.3	4.7	4.7	5.4
TRANSFORMER (D04-1667)	8.0	7.7	5.7	6.7	6.0	5.3	4.7	5.0	4.7	5.4
ACCENT II (JR-119)	7.3	8.0	5.7	6.0	6.0	5.7	4.7	4.3	5.0	5.3
BACCARAT (RAD-PR8)	8.7	7.7	5.3	6.3	6.0	4.7	4.7	5.0	5.3	5.3
BARLENNIUM	7.3	7.7	6.0	6.3	6.0	5.7	4.3	4.0	4.7	5.3
BUENA VISTA	8.3	7.0	5.7	6.0	6.0	5.7	4.7	4.3	5.0	5.3
CITATION FORE	7.7	7.3	5.7	6.0	6.0	5.3	4.3	4.7	5.3	5.3
EXACTA II GLSR (LTP-611-GLSR)	7.7	7.3	5.3	6.3	5.7	5.3	4.7	4.7	5.0	5.3
FIESTA 4 (PICK F4)	8.0	7.7	6.3	7.3	6.0	5.0	4.7	4.0	4.0	5.3
FUSION	8.3	7.3	5.0	6.3	6.0	5.3	4.3	5.0	5.0	5.3
GRAY STAR (PST-2LGL)	8.0	7.3	5.3	6.3	5.7	5.3	4.7	4.7	5.0	5.3
LS 2300 (APR 1670)	8.0	8.0	5.3	6.7	6.3	4.7	4.7	4.7	4.7	5.3
MAJESTY II (VB77)	8.3	8.0	5.3	6.0	6.0	5.0	4.3	5.0	5.3	5.3
PANTHER	6.7	7.3	6.3	6.7	6.0	5.0	4.3	4.0	5.0	5.3
SRX 4682	7.7	6.7	6.0	6.7	5.7	4.7	4.3	5.0	5.0	5.3
1G SQUARED (APR 1664)	8.0	7.3	6.0	6.7	6.0	5.7	4.0	3.7	4.3	5.2
HEADSTART 2	8.3	7.0	5.7	6.3	5.3	5.3	4.3	5.0	4.3	5.2
PST-2AG4	8.0	7.7	6.0	6.3	6.3	4.7	4.0	4.3	4.7	5.2
SUNSHINE 2	8.3	7.7	6.3	6.7	6.3	5.0	4.7	3.7	3.7	5.2
AFFINITY	6.3	7.0	5.7	6.0	6.0	5.0	4.7	4.0	4.3	5.1
APPLE GL (AAZ-B104)	8.0	7.3	6.0	6.3	6.0	5.3	4.3	3.7	4.3	5.1
E-99	7.7	7.7	5.7	6.7	6.0	5.0	4.0	4.0	4.7	5.1
BREA (04-BRE)	8.3	7.3	5.7	6.3	5.7	5.0	4.3	3.3	5.0	5.0
DELAWARE XL (PICK 01-2)	8.0	7.7	6.3	6.0	6.0	4.7	4.0	3.7	4.0	5.0
NEXUS XD (SP4)	9.0	7.3	5.0	6.3	5.3	4.7	4.7	4.7	4.7	5.0
NEXUS XR (SNR)	8.3	7.3	6.0	6.0	5.3	5.0	4.7	3.3	5.0	5.0

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SUMMER	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
PIANIST (DP 17-9505)	7.7	7.7	5.0	6.3	5.3	5.0	4.7	4.7	4.0	5.0
PROTEGE GLR	8.0	7.3	5.3	6.3	5.3	4.7	4.0	4.3	4.7	5.0
TR47	8.7	7.7	5.3	6.3	6.0	5.3	4.3	3.7	4.3	5.0
ASP6001 (RTS)	8.3	7.3	5.0	6.7	5.7	4.7	3.7	4.0	4.7	4.9
ASP6002 (BPR)	8.3	7.0	5.7	6.0	5.3	5.0	4.0	3.7	4.3	4.9
PALMER III	8.3	7.3	5.3	6.3	5.3	4.3	4.3	4.0	4.3	4.9
PRESIDIO (CNV)	8.0	7.7	5.3	5.7	5.3	4.7	4.3	4.0	4.7	4.9
VB99	8.7	7.3	5.0	5.7	5.3	5.0	4.3	3.7	5.0	4.9
ASP6003 (TRS)	8.0	7.7	5.3	6.3	5.3	5.0	4.0	4.0	3.7	4.8
DEFENDER (D04-UP)	8.0	7.3	5.3	6.0	5.3	4.7	4.3	4.0	4.0	4.8
MACH I	8.0	6.7	6.0	6.7	5.7	4.7	4.0	3.0	3.3	4.8
FIJI (GPR)	8.0	7.7	5.3	5.7	5.0	4.3	3.7	4.0	4.7	4.7
LPR 02203	6.0	8.0	4.7	6.3	5.3	5.0	4.3	3.3	4.0	4.7
QUICKSILVER	8.3	6.7	5.0	6.0	5.0	4.0	3.7	5.0	4.3	4.7
ASP6005 (AJM)	8.0	7.7	5.0	5.7	5.3	4.7	4.0	3.7	4.0	4.6
ES45	8.0	6.7	5.0	6.0	5.0	4.7	3.7	3.0	4.0	4.5
FOREVER (DP 17-9499)	8.0	6.7	4.7	5.7	5.3	4.3	4.0	3.7	4.0	4.5
GALATTI (DP 17-9502)	8.0	8.0	4.0	6.0	5.3	4.7	3.7	4.3	3.7	4.5
PM 102	8.7	6.0	5.0	5.7	4.3	4.3	4.3	3.7	4.0	4.5
DP 17-9788	7.0	6.7	4.7	6.0	5.0	4.3	3.7	3.3	3.7	4.4
HALO (KN42)	8.7	7.0	4.3	5.3	4.7	4.7	3.7	3.7	4.7	4.4
WAYFARER (L44)	9.0	7.0	4.7	5.3	5.0	4.3	3.7	3.7	4.3	4.4
PREMIER	6.7	7.0	4.3	4.7	4.3	4.7	3.7	3.7	5.0	4.3
PINNACLE	6.0	7.0	3.3	4.0	4.3	3.3	3.0	2.3	3.7	3.4
LINN	7.0	5.3	2.3	2.7	2.7	2.7	2.0	2.3	2.3	2.4
LSD VALUE	0.8	2.7	2.5	1.5	1.7	1.6	1.8	3.2	2.6	1.2
C.V. (%)	5.6	10.2	19.2	12.2	14.2	14.8	16.5	24.6	17.8	11.8

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

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

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	QUALITY RATINGS								MEAN
	GREENUP	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
ALLSTAR 3 (IS-PR 274)	7.0	7.7	7.7	7.3	8.0	8.0	5.3	7.0	7.3	7.3
APPLE GL (AAZ-B104)	7.7	7.3	7.3	7.3	9.0	8.0	5.0	6.7	7.3	7.3
KEYSTONE 2 (IS-PR 312)	7.3	7.7	7.7	7.7	8.3	8.0	4.7	6.3	7.3	7.2
PARAGON GLR	7.7	8.0	7.7	6.7	8.7	7.7	5.0	6.0	7.3	7.1
HOMERUN (RG3P)	7.7	7.3	7.3	8.0	9.0	8.0	4.7	5.7	6.0	7.0
NOTABLE (AF)	7.7	6.7	7.7	7.3	8.7	7.7	5.7	6.3	6.3	7.0
PANTHER GLS	7.0	7.3	7.3	7.3	8.7	7.3	5.0	6.0	7.0	7.0
HARRIER (SRX 4UP3)	6.3	7.7	7.3	7.3	8.3	6.7	4.7	5.7	6.3	6.8
SR 4600 (SRX 4SP)	7.7	7.0	7.0	7.0	7.7	7.3	4.7	6.0	7.3	6.8
AMAZING GS (IS-PR 276)	7.7	8.0	6.7	6.7	8.0	7.3	4.7	5.7	6.3	6.7
ATTRIBUTE (IS-PR 270)	7.7	7.7	7.0	6.7	8.7	7.0	4.7	5.7	6.0	6.7
DERBY XTREME (IS-PR 268)	7.0	7.0	6.7	7.3	7.0	7.0	5.3	6.0	7.3	6.7
GRAY FOX (PST-2MNG)	6.3	6.7	7.3	6.7	7.7	7.0	5.3	6.3	6.3	6.7
PROTOTYPE (DCM)	7.3	7.0	7.0	7.0	8.0	7.7	5.0	5.3	6.3	6.7
SOPRANO (DP1)	7.3	7.7	7.0	7.7	8.7	7.0	4.7	5.3	5.7	6.7
EXACTA II GLSR (LTP-611-GLSR)	7.3	6.3	7.3	7.7	7.3	6.0	5.0	5.7	7.3	6.6
LINE DRIVE GLS (APR 1797)	7.0	6.7	7.3	7.3	6.7	6.7	5.3	6.0	6.7	6.6
PRIMARY (IS-PR 269)	7.0	7.0	7.0	7.3	8.0	6.0	5.0	5.7	6.7	6.6
SECRETARIAT II GLSR (LTP-101-GLSR)	6.7	6.7	6.7	6.7	8.7	6.7	5.7	5.7	6.0	6.6
DASHER 3 (PICK RB-1)	8.0	8.0	7.0	7.0	8.3	6.3	4.0	5.3	6.0	6.5
FIESTA 4 (PICK F4)	7.7	7.0	7.7	6.7	7.3	7.0	4.3	5.7	6.0	6.5
GRAND SLAM 2 (PST-2GSM)	6.7	7.0	7.0	6.3	7.7	7.0	5.3	5.3	6.0	6.5
TRANSFORMER (D04-1667)	7.7	7.7	7.0	7.0	7.7	6.3	4.7	5.7	6.0	6.5
CITATION FORE	6.3	6.0	6.3	7.0	8.0	6.7	5.7	5.7	6.0	6.4
ZOOM (LCK)	7.3	7.7	7.3	6.0	7.7	6.3	4.7	5.3	6.0	6.4
BUENA VISTA	7.3	6.3	6.3	6.3	6.0	6.3	6.0	6.0	7.0	6.3
LS 2300 (APR 1670)	7.0	7.0	7.0	6.0	8.0	6.3	5.3	5.3	5.3	6.3
MANHATTAN 5 GLR (PST-2AM)	6.7	7.0	6.7	6.7	8.3	5.7	4.3	5.7	6.0	6.3
OVERDRIVE	7.3	8.0	7.3	6.7	6.0	5.3	5.0	5.7	6.3	6.3
PALMER V (RNS)	7.3	7.3	7.3	7.3	6.7	6.7	4.0	5.7	5.7	6.3
PROTEGE GLR	7.7	6.3	7.0	6.3	7.3	6.3	4.7	5.7	7.0	6.3
1G SQUARED (APR 1664)	7.3	6.3	6.3	6.3	8.0	6.3	4.7	5.3	6.3	6.2
PST-2BLK	8.0	7.0	7.0	6.0	8.3	5.7	5.0	5.3	5.3	6.2
SILVER DOLLAR	6.7	6.3	6.0	6.3	6.7	6.0	6.0	6.0	6.3	6.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.3	7.0	6.7	7.0	6.7	5.7	4.7	5.0	6.0	6.1
MMW	8.0	6.3	5.7	6.3	7.3	6.7	4.7	5.7	6.0	6.1
STELLAR GL (IS-PR 236)	7.3	6.3	6.0	7.3	7.0	6.0	4.7	5.3	6.0	6.1
BACCARAT (RAD-PR8)	7.0	5.3	6.0	6.7	6.7	6.3	5.7	5.3	5.7	6.0
KOKOMO II (IS-PR 235)	7.3	6.3	6.7	6.3	7.0	5.7	4.7	5.3	5.7	6.0
PHENOM (APR 1660)	6.7	6.3	5.7	6.3	7.3	6.0	4.7	5.7	6.3	6.0
PALMER GLS (GL-2)	8.0	7.7	5.0	6.7	6.3	6.0	4.7	5.3	5.7	5.9
PALMER IV	7.3	6.7	6.3	6.7	6.0	6.0	5.3	5.3	5.0	5.9
BAR LP 4317	6.3	6.3	5.7	6.7	6.7	6.0	4.3	5.0	5.3	5.8
HAWKEYE 2 (SRX 4692)	7.0	5.7	6.0	6.3	6.3	6.0	4.3	5.7	6.3	5.8
PENTIUM	6.3	6.0	6.3	6.0	6.0	5.3	5.3	5.7	6.0	5.8
PINNACLE II	6.7	6.7	7.0	6.0	5.3	5.0	5.0	5.3	5.7	5.8
REGAL 5 (IS-PR 271)	6.0	7.0	5.7	6.7	6.7	5.7	4.3	5.0	5.3	5.8

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	MAR	APR	MAY	QUALITY RATINGS					MEAN
					JUN	JUL	AUG	SEP	OCT	
REVENGE GLX (JR-348)	6.7	5.7	5.3	6.0	5.0	7.0	5.7	6.0	6.0	5.8
DART (APR 1663)	7.0	6.3	6.0	6.0	5.3	5.3	5.0	6.0	5.3	5.7
PALACE (IS-PR 273)	7.7	6.7	5.7	6.7	5.7	5.7	4.3	5.0	5.7	5.7
PLATEAU (PST-2LAN)	6.7	5.3	6.3	6.0	5.3	6.0	5.0	5.7	5.7	5.7
REPELL GLS	6.3	6.7	5.7	6.3	5.7	5.7	4.7	5.3	5.7	5.7
DEFENDER (D04-UP)	7.0	5.0	6.0	6.0	6.0	5.3	5.0	5.0	6.3	5.6
EDGE II (AC2)	7.0	5.0	5.7	6.0	6.7	6.3	4.7	5.0	5.7	5.6
UNO (D04-11T)	7.0	5.0	5.7	6.3	5.7	5.7	5.0	5.7	6.0	5.6
ACCENT II (JR-119)	6.7	6.0	5.7	5.7	4.3	5.7	5.0	5.7	6.0	5.5
PST-217	7.0	6.3	6.0	5.7	7.0	5.7	4.0	4.7	4.3	5.5
DP 17-9788	6.3	5.3	5.3	6.0	5.3	5.3	5.3	5.3	5.3	5.4
ASP6004 (EXS54)	7.3	4.7	4.7	6.3	4.3	6.7	4.3	5.3	5.7	5.3
CABO II (IS-PR 233)	6.7	5.3	5.0	5.7	4.7	5.3	5.3	5.3	5.3	5.3
SRX 4682	6.7	5.0	6.7	6.0	5.7	5.0	4.0	5.0	5.3	5.3
CUTTER II (PM 101)	6.7	5.3	5.0	5.7	5.3	5.7	4.7	5.0	5.0	5.2
PLEASURE SUPREME (PM 103)	7.3	5.0	4.7	5.7	4.7	5.0	5.3	5.3	5.7	5.2
PST-2AG4	6.7	6.3	6.3	6.0	5.0	4.0	4.0	5.0	4.7	5.2
CALYPSO 3 (MS2)	7.0	5.0	5.3	5.3	5.0	5.0	4.7	5.3	5.3	5.1
D04-LP05	7.0	4.3	5.3	6.3	4.3	5.3	4.7	5.3	5.3	5.1
E-99	6.7	4.3	5.0	5.3	4.7	5.7	5.3	5.0	5.3	5.1
NEXUS XR (SNR)	6.0	5.0	5.0	5.7	4.3	5.3	5.0	5.3	5.3	5.1
PIANIST (DP 17-9505)	6.0	5.7	5.3	6.0	4.7	4.7	4.7	4.7	5.0	5.1
TOP GUN II (JR-324)	7.7	5.0	5.0	5.7	5.7	5.0	4.3	5.0	5.3	5.1
BAR LP 4420	7.0	5.3	5.0	6.0	4.7	4.7	4.7	5.0	4.7	5.0
CADDIESHACK II (JR-163)	7.0	5.0	4.7	5.7	5.3	5.3	4.3	4.7	5.0	5.0
FIJI (GPR)	6.7	4.3	4.3	6.0	4.3	5.3	5.0	5.3	5.3	5.0
GRAY STAR (PST-2LGL)	7.0	5.7	5.7	5.3	4.3	4.7	4.3	5.0	5.0	5.0
MAJESTY II (VB77)	7.3	5.0	4.7	6.0	5.7	5.3	3.7	4.7	5.0	5.0
PALMER III	7.7	5.3	5.7	5.7	5.0	5.3	4.0	4.7	4.7	5.0
FUSION	5.7	4.7	5.3	5.7	5.0	5.3	3.7	4.7	4.7	4.9
PRESIDIO (CNV)	6.0	5.0	4.3	5.0	3.7	5.3	4.7	5.3	6.0	4.9
AFFINITY	5.3	4.3	5.0	5.7	5.0	4.7	4.3	4.0	5.0	4.8
BREA (04-BRE)	7.3	4.7	5.0	5.7	4.0	5.0	4.3	5.0	5.0	4.8
ES45	7.0	4.3	4.0	5.7	3.3	5.0	5.0	5.0	5.7	4.8
MACH I	6.7	4.3	5.0	5.7	5.0	4.7	4.0	4.7	5.0	4.8
WIND DANCE 2 (PWDR)	7.0	4.0	4.3	6.0	3.3	5.7	5.0	5.0	5.3	4.8
CHIVALRY (APR 1648)	6.3	4.7	4.7	5.3	5.0	5.0	4.3	4.3	4.3	4.7
BRIGHTSTAR SLT	3.3	4.0	5.3	5.0	4.0	4.7	4.3	5.0	5.3	4.7
DELAWARE XL (PICK 01-2)	6.3	4.7	4.7	5.3	4.0	4.7	4.0	5.0	5.0	4.7
INSPIRE	7.0	4.7	5.3	5.7	4.0	4.3	4.3	4.7	4.7	4.7
VB99	6.7	4.3	4.0	5.0	4.0	5.0	4.7	5.0	5.7	4.7
FOREVER (DP 17-9499)	7.7	4.0	5.0	5.7	4.3	4.0	4.0	5.0	5.0	4.6
ASP6001 (RTS)	5.7	4.0	4.0	5.3	3.3	5.0	4.7	4.7	4.7	4.5
ASP6005 (AJM)	5.7	4.3	5.0	5.3	3.7	5.0	4.0	4.7	4.3	4.5
FIREBOLT (PRG HS-01-09)	7.0	4.0	5.0	5.3	4.0	5.0	3.7	5.0	4.3	4.5
GALATTI (DP 17-9502)	6.7	4.7	4.3	5.3	4.0	4.3	4.3	5.0	4.3	4.5
TR47	7.0	4.3	4.0	5.7	3.3	4.3	4.0	5.0	5.3	4.5

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	QUALITY RATINGS								MEAN
		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
GOALKEEPER II (JR-114)	5.7	4.0	4.3	4.7	4.0	4.0	4.3	4.7	5.0	4.4
LA QUINTA (JR-255)	6.3	4.0	4.0	5.3	4.0	4.0	4.0	4.7	5.0	4.4
ASP6003 (TRS)	5.3	4.0	4.3	5.3	3.7	4.0	4.3	4.0	4.7	4.3
BARLENNIUM	4.0	4.0	4.0	4.7	5.0	4.0	4.0	4.3	4.0	4.3
HEADSTART 2	7.0	3.7	4.0	5.3	3.7	4.3	4.0	4.7	4.3	4.3
MONTEREY 3 (JR-408)	7.0	4.0	4.3	5.7	3.7	4.3	3.7	4.7	4.3	4.3
NEXUS XD (SP4)	6.7	3.3	3.3	6.0	3.3	5.0	4.3	4.7	4.7	4.3
PREMIER II	4.3	3.7	4.7	5.3	3.3	4.3	4.0	4.7	4.7	4.3
RINGER II (04-BEN)	5.0	4.0	4.0	5.7	3.3	3.7	4.0	5.0	4.7	4.3
ASP6006 (LPFG)	6.0	2.7	4.7	4.7	3.3	4.3	4.7	4.7	4.3	4.2
PINNACLE	4.3	4.7	4.3	4.3	4.3	4.0	4.3	3.3	4.0	4.2
PREMIER	5.0	3.3	4.7	4.0	3.3	4.0	5.3	4.3	4.3	4.2
SUNSHINE 2	6.0	4.3	4.0	5.0	3.0	4.3	3.7	4.7	4.0	4.1
HALO (KN42)	4.7	3.3	3.7	4.3	3.7	3.7	4.0	4.3	4.7	4.0
WAYFARER (L44)	5.3	3.3	4.0	4.3	4.0	4.0	4.0	4.0	4.3	4.0
ASP6002 (BPR)	6.0	3.7	2.7	5.0	2.7	4.0	4.3	4.7	4.0	3.9
QUICKSILVER	4.0	2.7	3.0	5.0	3.3	4.0	3.3	4.7	4.0	3.8
PIZZAZZ	5.7	3.0	3.7	4.7	3.0	3.3	3.7	4.3	4.0	3.7
PM 102	4.7	2.7	3.0	4.7	3.3	3.7	3.3	4.3	4.0	3.6
PACESETTER II (PS-2)	3.3	3.0	3.0	4.0	2.3	3.3	3.7	3.7	3.3	3.3
PICK 02-R	3.7	3.0	3.7	4.3	2.3	3.0	2.7	3.7	3.7	3.3
BAR LP 4920	4.0	2.7	2.7	3.7	2.3	3.0	3.3	3.7	4.0	3.2
PANTHER	4.3	2.7	2.7	4.3	2.0	3.3	2.7	3.0	3.3	3.0
LPR 02203	2.7	1.7	1.7	2.3	2.0	2.3	2.7	2.7	2.7	2.3
LINN	1.7	1.7	1.7	2.3	1.7	1.7	1.7	2.0	1.7	1.8
LSD VALUE	2.7	1.8	1.7	1.3	1.9	1.6	1.8	1.2	1.4	1.0
C.V. (%)	21.5	21.1	19.8	13.6	22.8	18.9	19.4	14.2	16.4	12.0

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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	TYPHULA BLIGHT	DOLLAR SPOT	RED THREAD	SEEDHEAD RATINGS	POA ANNUA	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ZOOM (LCK)	7.7	6.0	5.3	5.7	5.3	8.0	8.3	4.3	6.7	6.3	6.3	6.0	5.7	5.7	6.7	6.0
SILVER DOLLAR	7.3	5.0	3.3	8.7	8.0	7.3	7.7	3.7	4.7	6.3	6.3	6.3	6.7	6.7	6.3	5.9
APPLE GL (AAZ-B104)	7.7	4.7	4.0	7.0	8.0	6.7	7.7	3.7	5.3	6.3	6.3	6.0	6.0	6.0	6.7	5.8
FIESTA 4 (PICK F4)	8.0	4.7	3.7	6.7	8.7	6.3	8.0	3.0	5.0	6.3	6.0	6.3	6.0	6.3	6.3	5.7
CALYPSO 3 (MS2)	7.7	5.7	4.3	5.7	8.3	7.3	7.0	4.0	6.0	6.0	5.7	5.7	5.7	5.7	6.0	5.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.3	5.7	4.7	6.3	7.3	6.3	7.7	3.7	5.7	5.7	5.7	5.7	6.0	5.7	6.7	5.6
HOMERUN (RG3P)	7.7	4.7	3.7	7.3	8.7	8.0	7.3	3.7	5.0	6.0	6.3	6.3	5.7	5.7	6.3	5.6
MANHATTAN 5 GLR (PST-2AM)	6.3	5.3	3.3	7.0	8.3	7.7	8.3	3.7	4.7	6.0	6.0	6.7	6.0	5.7	6.0	5.6
PALMER V (RNS)	7.7	6.0	4.3	5.3	7.3	7.0	7.7	4.0	6.7	5.7	5.7	5.7	5.0	6.0	6.3	5.6
ALLSTAR 3 (IS-PR 274)	7.3	4.7	4.0	7.3	8.3	7.3	8.0	3.7	4.7	5.7	6.0	5.3	6.3	6.3	6.3	5.5
ASP6001 (RTS)	8.0	5.0	4.0	8.0	7.3	7.3	8.0	3.3	5.0	5.7	5.7	6.0	6.0	6.0	6.0	5.5
CADDIESHACK II (JR-163)	6.3	5.3	3.7	6.3	8.0	7.0	7.3	3.3	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.5
GRAND SLAM 2 (PST-2GSM)	7.0	5.0	4.7	5.7	6.7	7.0	7.7	3.7	5.0	6.0	6.0	5.7	6.0	5.3	6.3	5.5
LINE DRIVE GLS (APR 1797)	7.0	5.0	4.7	7.7	8.0	6.7	8.0	3.7	5.3	5.7	5.3	5.7	6.0	6.0	6.3	5.5
LPR 02203	5.0	5.3	3.7	7.3	8.0	7.0	7.7	3.7	5.3	5.7	5.7	5.7	6.0	6.0	5.7	5.5
MAJESTY II (VB77)	8.0	5.3	4.0	8.0	7.7	7.3	7.0	3.3	5.3	5.7	5.7	5.7	6.3	5.7	6.0	5.5
MMW	7.7	4.7	4.7	7.3	8.3	7.0	8.0	3.7	5.0	5.7	5.7	5.7	6.3	5.7	6.0	5.5
PENTIUM	6.7	4.7	2.7	8.0	7.0	6.3	8.0	2.7	4.7	6.0	5.7	6.3	6.7	5.7	6.3	5.5
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	4.7	3.0	7.0	6.7	6.7	8.3	3.0	4.7	6.0	6.0	6.3	6.0	5.7	6.0	5.5
CITATION FORE	7.3	4.7	3.3	6.3	8.0	6.0	7.7	3.0	5.0	6.0	5.7	5.7	5.7	5.7	6.7	5.4
DART (APR 1663)	7.0	4.3	3.3	8.0	8.7	6.7	7.3	3.3	4.7	5.7	5.7	5.7	6.3	6.0	6.0	5.4
DEFENDER (D04-UP)	7.0	5.0	4.7	7.7	9.0	6.0	7.3	3.7	4.7	5.7	5.3	6.0	6.0	6.0	6.0	5.4
PST-217	7.3	5.3	4.3	7.3	8.3	8.0	7.0	4.0	5.3	5.3	5.3	5.3	6.3	5.7	6.0	5.4
SR 4600 (SRX 4SP)	7.3	5.3	5.0	7.3	8.3	6.7	8.3	3.7	4.7	5.7	5.7	5.7	6.0	5.7	6.0	5.4
VB99	8.0	4.7	4.0	7.0	7.7	7.3	7.0	3.3	5.0	6.0	5.7	5.3	5.7	6.0	6.0	5.4
BACCARAT (RAD-PR8)	6.7	4.7	4.3	6.7	8.0	7.7	8.0	3.7	4.3	6.0	6.0	5.7	5.3	5.3	6.0	5.3
BAR LP 4317	6.0	4.3	3.0	6.7	4.7	6.3	8.0	3.0	5.0	5.7	5.7	6.3	6.0	5.3	5.7	5.3
BARLENNIUM	7.0	5.0	4.3	7.3	8.7	7.7	8.0	3.7	4.7	5.3	5.7	5.7	6.0	6.0	5.3	5.3
BREA (04-BRE)	7.7	4.7	4.0	7.0	8.7	7.3	7.0	4.0	4.7	5.3	5.3	5.3	5.7	5.7	6.0	5.3
E-99	7.3	4.7	4.0	8.0	7.0	6.3	7.7	3.3	5.0	5.3	5.7	5.3	6.0	5.7	5.7	5.3
FIJI (GPR)	8.0	4.3	4.0	5.3	8.7	7.3	8.0	3.0	5.0	5.3	5.7	5.3	5.7	6.0	6.3	5.3
GRAY FOX (PST-2MNG)	7.0	4.7	3.3	7.3	8.7	6.7	7.0	3.3	5.3	5.7	5.3	5.3	6.0	5.3	6.0	5.3
PLATEAU (PST-2LAN)	6.7	4.7	3.0	7.3	8.7	7.0	7.0	3.0	5.0	5.7	5.7	6.0	6.3	5.3	5.7	5.3
PREMIER	5.0	5.0	2.3	6.7	8.0	6.7	8.0	3.0	4.7	5.7	6.0	6.0	6.0	5.3	5.3	5.3
PREMIER II	7.0	4.3	3.0	7.0	7.3	6.7	7.7	2.7	5.0	5.7	5.3	6.0	6.0	5.0	6.3	5.3
PST-2BLK	7.3	4.3	3.3	7.3	8.0	6.3	6.7	3.3	5.0	5.3	5.7	5.3	6.0	6.0	6.0	5.3
QUICKSILVER	7.3	4.7	4.0	6.3	7.0	7.0	6.3	3.0	5.3	5.7	5.3	5.0	6.0	5.7	6.3	5.3
RINGER II (04-BEN)	7.0	4.3	3.3	6.7	8.7	6.0	7.3	3.3	5.0	5.3	5.7	5.3	6.0	6.0	6.0	5.3
TOP GUN II (JR-324)	7.0	4.7	3.7	8.0	7.3	7.0	8.0	3.7	4.3	5.7	5.7	5.7	5.7	5.3	6.0	5.3
TR47	8.3	5.0	3.3	5.7	8.0	8.0	7.0	3.3	5.3	5.7	5.7	5.3	5.0	5.7	6.3	5.3
UNO (D04-11T)	7.7	4.3	4.0	7.0	8.3	7.0	7.7	3.3	4.7	5.7	5.7	5.3	6.0	5.3	6.3	5.3
1G SQUARED (APR 1664)	6.7	4.3	3.7	7.3	8.0	6.7	8.0	2.7	4.7	6.0	5.3	5.3	5.7	5.3	6.7	5.2
ACCENT II (JR-119)	6.3	4.3	2.7	7.3	7.7	7.3	8.3	3.0	4.0	5.3	5.7	5.7	6.3	6.0	5.7	5.2
ASP6004 (EXS54)	8.0	5.0	3.3	6.7	7.7	8.3	6.3	3.7	5.0	5.3	5.3	5.3	5.7	5.7	5.7	5.2
ASP6005 (AJM)	8.0	5.7	4.3	5.3	7.3	7.3	6.0	3.7	5.7	5.7	5.3	5.0	5.3	5.7	5.3	5.2
CUTTER II (PM 101)	8.0	5.0	3.7	6.7	7.7	6.7	7.0	3.0	4.7	5.0	5.7	5.7	5.7	5.7	6.0	5.2
DERBY XTREME (IS-PR 268)	8.0	4.0	3.3	7.3	8.7	7.0	7.3	3.3	3.7	5.7	5.7	5.3	6.0	6.0	6.0	5.2

TABLE 5. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	TYPHULA BLIGHT	DOLLAR SPOT	RED THREAD	SEEDHEAD RATINGS	POA ANNUA	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
EDGE II (AC2)	7.7	5.0	4.0	6.7	8.7	7.0	7.3	3.3	5.0	5.7	5.3	5.7	5.3	5.3	5.7	5.2
GOALKEEPER II (JR-114)	6.7	4.7	3.0	6.0	8.0	6.7	7.3	2.7	5.0	5.7	5.3	5.7	5.7	5.3	6.0	5.2
HALO (KN42)	8.0	4.3	2.7	8.0	8.7	8.0	6.7	3.0	4.3	5.3	5.7	5.3	5.7	6.0	6.0	5.2
OVERDRIVE	7.7	5.0	3.3	5.3	8.3	6.7	7.0	3.3	5.3	5.3	5.3	5.0	5.3	5.7	6.3	5.2
PACESETTER II (PS-2)	7.3	4.0	3.0	6.7	8.0	6.7	8.0	2.7	4.7	5.7	5.7	5.7	6.0	5.3	6.0	5.2
PARAGON GLR	6.3	5.0	4.3	5.7	7.7	7.7	7.3	3.7	5.3	5.3	5.3	5.0	5.7	5.3	5.7	5.2
SRX 4682	6.3	4.7	2.7	7.7	8.3	6.3	9.0	2.7	4.0	5.3	5.7	5.7	6.3	5.7	6.0	5.2
WIND DANCE 2 (PWDR)	7.7	5.3	3.3	7.0	8.7	7.0	7.0	3.3	5.0	5.7	6.0	5.0	5.3	5.3	6.0	5.2
DASHER 3 (PICK RB-1)	8.0	4.3	3.3	7.3	8.0	6.3	7.7	3.3	4.0	5.3	5.7	5.7	5.7	5.0	6.3	5.1
EXACTA II GLSR (LTP-611-GLSR)	7.7	4.7	4.3	7.3	7.0	5.3	8.0	3.3	4.3	6.0	5.3	5.3	5.0	6.0	5.7	5.1
FIREBOLT (PRG HS-01-09)	7.7	4.3	4.3	6.7	8.0	6.7	7.7	3.7	4.0	5.3	5.3	5.3	5.7	5.7	5.7	5.1
FUSION	8.0	4.7	3.7	7.3	8.7	7.3	7.0	3.3	4.7	5.3	5.3	5.0	5.7	5.3	6.0	5.1
INSPIRE	7.3	5.3	3.7	7.0	6.3	7.0	6.0	3.3	5.0	5.3	5.3	5.3	5.3	5.7	5.7	5.1
MONTEREY 3 (JR-408)	6.7	4.3	2.0	6.7	8.0	7.0	7.0	2.0	5.0	5.7	5.3	5.3	5.7	6.0	6.0	5.1
PALACE (IS-PR 273)	7.7	4.0	4.3	5.0	8.0	6.0	7.3	3.3	4.3	5.0	5.3	5.3	5.7	5.7	6.0	5.1
PALMER III	7.0	4.3	2.0	6.0	7.0	5.7	7.0	2.3	5.0	6.0	5.3	5.7	5.3	5.0	6.3	5.1
PST-2AG4	7.3	6.0	3.3	6.7	9.0	7.3	7.3	3.0	5.0	5.7	5.7	5.0	5.3	5.0	6.0	5.1
REPELL GLS	8.0	4.7	3.7	6.0	7.0	6.0	7.0	3.3	4.7	5.3	5.3	5.3	5.7	5.7	5.7	5.1
TRANSFORMER (D04-1667)	7.3	3.7	2.7	7.0	8.0	6.3	8.3	2.3	4.0	5.0	5.0	6.0	6.3	6.0	6.0	5.1
AFFINITY	5.7	4.0	3.0	8.3	9.0	6.0	7.7	2.3	4.3	5.3	5.3	5.7	6.0	6.0	5.3	5.0
AMAZING GS (IS-PR 276)	7.7	4.3	3.7	8.0	9.0	7.0	7.0	3.0	4.3	5.0	5.0	5.0	6.0	5.7	6.0	5.0
CHIVALRY (APR 1648)	8.0	3.7	3.0	7.7	6.0	6.7	7.3	2.7	3.7	5.3	5.0	5.7	6.0	5.7	6.3	5.0
ASP6002 (BPR)	8.0	4.7	3.3	7.0	8.3	7.3	6.0	3.0	5.0	5.0	5.0	5.0	5.7	5.3	6.0	5.0
ASP6006 (LPFG)	7.7	4.3	3.7	7.7	9.0	6.3	5.7	3.3	4.7	5.0	5.0	5.0	5.7	5.7	5.7	5.0
BRIGHTSTAR SLT	6.7	4.7	3.0	6.0	7.7	6.3	7.0	2.7	4.7	5.3	5.0	5.7	5.3	5.0	6.0	5.0
DELAWARE XL (PICK 01-2)	7.3	5.0	3.3	5.3	5.7	6.7	7.3	3.7	4.7	5.3	5.0	5.0	5.3	5.0	6.0	5.0
GRAY STAR (PST-2LGL)	7.0	4.3	3.3	7.0	8.3	6.7	8.0	2.7	3.7	5.3	5.3	5.3	6.0	5.7	5.7	5.0
KEYSTONE 2 (IS-PR 312)	7.0	4.3	3.0	8.0	9.0	6.7	7.7	3.0	4.0	5.0	5.3	5.7	6.0	5.3	6.0	5.0
MACH I	8.0	5.0	4.3	6.7	8.0	7.0	6.0	3.3	4.3	5.7	5.3	5.0	5.7	5.0	5.3	5.0
NEXUS XR (SNR)	8.0	4.0	3.3	6.3	7.3	7.3	6.3	3.3	4.3	5.7	5.7	5.0	5.3	5.0	5.7	5.0
PANTHER	5.3	5.3	4.0	7.0	8.3	7.7	6.3	3.7	5.0	5.0	5.7	4.7	5.3	5.3	5.3	5.0
PICK 02-R	8.0	5.0	3.7	7.3	7.7	7.7	5.7	3.7	4.7	5.3	5.0	5.0	5.3	5.0	5.7	5.0
PRESIDIO (CNV)	8.0	4.7	4.0	7.3	9.0	7.7	6.7	3.3	4.3	5.0	5.0	5.3	5.3	5.3	6.0	5.0
PROTEGE GLR	7.7	3.7	3.0	7.0	7.0	6.0	8.0	2.7	3.7	5.3	5.3	5.7	5.7	5.3	6.7	5.0
PROTOTYPE (DCM)	7.3	3.7	2.0	7.3	9.0	7.3	7.7	2.0	4.0	5.3	5.3	5.3	5.7	5.7	6.3	5.0
ATTRIBUTE (IS-PR 270)	7.7	4.0	4.0	8.3	8.3	5.0	7.3	3.3	4.3	4.7	4.7	5.0	5.7	5.7	6.0	4.9
LA QUINTA (JR-255)	7.3	4.3	2.7	7.7	8.7	7.7	6.3	2.3	4.3	5.3	5.3	5.7	5.7	5.3	5.3	4.9
LS 2300 (APR 1670)	7.0	4.0	2.7	7.3	8.7	5.7	8.3	2.7	3.7	5.0	5.0	5.3	6.0	5.3	6.3	4.9
NEXUS XD (SP4)	8.0	4.3	3.0	6.7	6.0	7.0	7.0	3.0	4.7	5.0	5.0	5.0	5.3	5.3	5.7	4.9
PLEASURE SUPREME (PM 103)	7.3	4.7	3.3	6.7	8.0	7.7	6.0	2.7	5.0	5.0	5.0	5.0	6.0	5.3	5.3	4.9
PRIMARY (IS-PR 269)	7.3	3.7	2.3	7.7	9.0	6.3	7.3	2.3	4.3	4.7	5.3	5.7	5.7	5.3	5.7	4.9
WAYFARER (L44)	8.0	4.3	3.7	7.0	8.0	6.0	6.7	3.7	4.7	5.0	5.0	4.3	5.3	5.3	5.7	4.9
ASP6003 (TRS)	8.0	4.3	2.7	7.3	9.0	8.0	6.7	2.3	4.7	5.0	5.0	5.0	5.3	5.3	5.7	4.8
BAR LP 4920	7.0	4.3	4.0	6.0	5.7	7.0	5.7	3.0	4.3	5.0	5.0	5.0	5.3	5.0	5.3	4.8
BUENA VISTA	7.3	3.7	3.0	7.7	8.3	5.3	8.0	2.7	3.3	4.7	5.0	5.0	5.7	5.3	6.3	4.8
DP 17-9788	6.0	4.0	3.0	6.3	4.3	5.3	8.0	2.7	4.3	5.0	5.0	5.0	5.3	5.0	5.7	4.8
ES45	8.0	5.0	3.3	6.7	8.3	7.3	5.0	3.7	5.0	5.0	4.7	4.3	5.0	5.7	5.0	4.8

TABLE 5. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	TYPHULA BLIGHT	DOLLAR SPOT	RED THREAD	SEEDHEAD RATINGS	POA ANNUA	MAR	APR	MAY	QUALITY RATINGS					SEP	OCT	MEAN
HARRIER (SRX 4UP3)	7.3	4.0	3.0	6.7	8.3	4.7	8.0	3.0	4.0	5.0	4.7	5.3	5.3	5.7	5.7	4.8		
PALMER GLS (GL-2)	6.7	3.7	2.0	8.0	8.7	5.3	7.7	2.3	3.7	5.0	5.0	5.3	5.3	5.7	6.3	4.8		
PIANIST (DP 17-9505)	7.3	4.3	3.3	6.3	8.3	6.3	8.3	3.3	4.0	5.0	4.7	5.3	5.3	5.0	6.0	4.8		
PINNACLE	4.7	5.0	3.0	6.3	7.7	6.3	6.0	2.7	5.3	5.0	4.7	5.0	5.3	5.3	5.3	4.8		
PM 102	8.0	4.3	3.7	5.3	8.0	7.0	6.0	3.3	4.3	5.0	5.0	4.3	5.0	5.3	5.7	4.8		
REGAL 5 (IS-PR 271)	8.0	4.0	3.3	7.7	9.0	6.0	7.0	3.0	3.7	4.7	5.0	5.0	6.0	5.0	6.0	4.8		
REVENGE GLX (JR-348)	8.0	3.0	2.0	7.3	9.0	6.3	7.0	2.0	3.7	5.0	5.0	5.3	6.0	5.7	6.0	4.8		
SOPRANO (DP1)	7.7	4.0	2.7	7.7	8.7	6.0	7.3	2.7	4.0	5.0	5.0	5.0	5.7	5.3	5.7	4.8		
SUNSHINE 2	8.3	4.7	4.0	6.0	8.3	7.3	6.7	3.3	4.7	4.7	5.0	4.7	5.3	5.0	5.7	4.8		
BAR LP 4420	7.3	4.0	2.7	7.3	8.0	6.7	5.7	2.7	4.3	5.0	5.0	5.0	5.3	5.0	5.3	4.7		
FOREVER (DP 17-9499)	7.3	3.7	3.0	6.7	8.3	7.7	8.0	2.7	4.0	5.0	4.7	5.0	5.3	5.0	6.0	4.7		
PALMER IV	7.7	4.0	2.7	6.3	9.0	6.3	6.7	2.7	3.7	5.3	4.7	5.0	5.3	5.3	5.7	4.7		
STELLAR GL (IS-PR 236)	8.0	3.3	2.0	7.3	9.0	5.7	7.7	1.7	3.3	4.7	5.0	5.3	5.7	5.7	6.3	4.7		
CABO II (IS-PR 233)	7.7	3.7	2.7	7.3	8.7	5.7	8.0	2.7	3.3	5.0	5.0	5.0	5.0	5.0	5.7	4.6		
NOTABLE (AF)	7.7	3.3	2.7	7.7	8.7	6.0	7.3	2.3	3.3	4.7	4.7	5.0	5.7	5.3	5.7	4.6		
PHENOM (APR 1660)	7.3	3.7	3.0	6.0	8.3	6.0	7.7	2.7	3.7	4.3	4.7	5.0	5.3	5.0	6.0	4.6		
PIZZAZZ	6.7	3.3	2.0	7.7	8.7	5.7	7.3	2.0	3.7	5.0	5.0	5.0	5.7	5.0	5.7	4.6		
D04-LP05	7.3	4.0	2.3	7.7	7.7	5.3	6.7	2.0	3.7	4.7	4.7	5.0	5.3	5.3	5.3	4.5		
HAWKEYE 2 (SRX 4692)	7.3	3.7	2.7	6.7	8.3	4.7	7.7	2.3	3.7	4.7	5.0	5.0	5.0	5.0	5.3	4.5		
PANTHER GLS	6.7	4.0	2.7	6.0	7.7	6.0	8.0	3.0	3.3	4.3	4.3	4.7	5.7	5.3	5.0	4.5		
GALATTI (DP 17-9502)	8.0	3.3	2.7	5.7	8.7	7.0	5.7	2.7	3.7	4.7	4.3	4.7	5.0	5.0	5.3	4.4		
HEADSTART 2	7.7	3.3	3.0	7.3	9.0	6.0	7.3	2.7	3.3	4.3	4.3	4.3	5.3	5.0	5.3	4.3		
KOKOMO II (IS-PR 235)	8.0	3.0	2.0	7.3	9.0	5.3	6.7	2.3	3.7	4.3	4.3	4.0	5.3	5.0	5.7	4.3		
PINNACLE II	7.3	3.7	2.3	7.7	9.0	5.7	8.0	2.0	3.0	4.7	5.0	4.7	5.0	5.0	5.3	4.3		
LINN	4.0	3.7	1.3	5.3	8.0	6.0	2.0	1.7	3.3	2.0	2.7	3.0	2.0	2.0	3.0	2.5		
LSD VALUE	0.9	1.5	1.7	2.1	2.3	1.9	1.2	1.6	1.4	1.3	1.3	1.4	1.0	1.2	1.0	0.7		
C.V. (%)	7.9	17.1	26.4	14.4	14.0	13.9	10.0	23.2	16.8	12.2	11.7	12.5	9.9	10.9	9.0	8.3		

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

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

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS							
		MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PALACE (IS-PR 273)	7.7	6.7	6.7	6.7	6.3	6.3	6.7	7.0	6.6
SOPRANO (DP1)	6.3	7.0	6.7	6.3	6.0	6.7	6.0	7.0	6.5
ATTRIBUTE (IS-PR 270)	6.3	6.3	6.3	6.3	6.0	6.0	6.7	7.0	6.4
PALMER V (RNS)	6.7	6.3	6.0	6.3	6.7	6.3	6.0	7.0	6.4
TRANSFORMER (D04-1667)	5.3	6.0	6.3	6.7	6.3	6.3	6.7	6.7	6.4
CHIVALRY (APR 1648)	7.0	6.0	6.7	6.0	6.0	6.3	6.7	6.7	6.3
BUENA VISTA	6.3	6.3	6.3	5.7	5.7	6.3	6.7	7.0	6.3
D04-LP05	6.0	6.3	6.7	6.0	6.0	6.3	6.3	6.7	6.3
E-99	5.7	6.7	5.3	6.0	6.3	6.3	6.7	6.7	6.3
ES45	7.3	6.7	6.3	6.3	5.0	6.3	6.7	7.0	6.3
EXACTA II GLSR (LTP-611-GLSR)	6.7	6.3	6.0	6.3	6.0	6.3	6.3	6.7	6.3
FIREBOLT (PRG HS-01-09)	7.3	6.3	6.0	6.3	5.3	6.3	6.7	7.0	6.3
MMW	6.7	6.7	6.0	5.7	5.7	6.3	6.7	7.0	6.3
CITATION FORE	4.7	6.3	5.7	5.7	6.0	6.3	6.7	7.0	6.2
DERBY XTREME (IS-PR 268)	6.7	7.0	6.7	6.3	5.3	5.7	5.7	6.7	6.2
PANTHER GLS	5.7	6.3	6.3	6.0	5.3	6.0	6.3	7.0	6.2
PIANIST (DP 17-9505)	5.3	6.7	6.3	6.0	6.3	6.0	5.7	6.3	6.2
UNO (D04-11T)	7.0	6.3	6.3	6.3	6.0	6.3	6.0	6.3	6.2
ALLSTAR 3 (IS-PR 274)	7.0	6.0	6.0	6.0	5.7	6.3	6.0	6.7	6.1
APPLE GL (AAZ-B104)	6.0	6.3	6.7	6.3	5.7	5.7	5.7	6.3	6.1
CADDIESHACK II (JR-163)	5.0	6.3	5.7	6.0	6.0	6.3	6.0	6.7	6.1
PALMER GLS (GL-2)	6.0	6.3	6.0	6.3	5.7	6.0	6.0	6.7	6.1
PLATEAU (PST-2LAN)	5.0	6.0	5.3	6.0	6.0	6.3	6.7	6.7	6.1
PROTEGE GLR	6.3	6.7	6.3	6.0	5.3	6.0	6.0	6.3	6.1
PST-2AG4	6.0	6.3	6.3	6.3	5.0	6.0	6.0	6.7	6.1
AMAZING GS (IS-PR 276)	7.0	6.0	6.7	6.0	5.0	6.0	6.3	6.3	6.0
ASP6003 (TRS)	7.3	5.7	6.7	6.0	5.0	6.0	6.3	6.0	6.0
BAR LP 4317	5.0	5.7	6.3	5.7	5.7	6.0	6.3	6.7	6.0
CUTTER II (PM 101)	7.7	6.3	6.7	6.3	5.7	5.7	5.3	6.3	6.0
DASHER 3 (PICK RB-1)	6.7	6.3	6.0	5.7	5.7	6.0	6.0	6.7	6.0
FUSION	6.7	6.3	6.3	5.7	5.0	5.7	6.3	6.7	6.0
HARRIER (SRX 4UP3)	6.0	6.3	6.0	6.0	5.7	6.0	6.0	6.3	6.0
KOKOMO II (IS-PR 235)	7.0	6.0	6.3	6.0	5.3	6.0	6.0	6.3	6.0
LS 2300 (APR 1670)	6.0	5.7	5.7	5.7	6.0	6.3	6.0	6.7	6.0
MAJESTY II (VB77)	8.0	6.0	6.0	5.7	5.3	6.0	6.3	6.3	6.0
MANHATTAN 5 GLR (PST-2AM)	5.3	6.3	6.0	5.7	5.0	6.0	6.3	6.7	6.0
MONTEREY 3 (JR-408)	5.0	6.0	6.0	6.0	6.3	5.7	6.0	6.3	6.0
NEXUS XD (SP4)	8.0	6.3	6.0	6.0	6.0	5.7	6.0	6.3	6.0
PALMER IV	7.3	6.3	6.3	5.7	5.0	5.7	6.0	6.7	6.0
PLEASURE SUPREME (PM 103)	6.7	6.0	6.3	5.7	5.7	5.7	6.0	6.3	6.0
PRIMARY (IS-PR 269)	6.0	6.0	6.7	5.7	5.0	5.7	6.0	6.7	6.0
REGAL 5 (IS-PR 271)	7.7	6.3	6.7	6.0	5.3	6.0	6.0	6.0	6.0
REVENGE GLX (JR-348)	6.3	6.7	6.7	6.3	4.3	5.7	5.7	6.7	6.0
SR 4600 (SRX 4SP)	6.7	6.3	6.0	5.7	6.0	5.7	6.0	6.0	6.0
SUNSHINE 2	8.0	5.7	6.3	6.0	5.7	5.7	6.3	6.3	6.0
TR47	7.3	6.0	5.3	6.0	6.0	6.0	6.3	6.0	6.0
WIND DANCE 2 (PWDR)	7.7	6.3	6.0	6.0	6.0	6.0	5.7	6.3	6.0

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS							
	COLOR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
1G SQUARED (APR 1664)	6.0	6.0	6.0	6.0	5.3	5.7	5.7	6.3	5.9
ASP6004 (EXS54)	7.3	6.0	6.0	5.7	5.7	6.0	5.7	6.3	5.9
BRIGHTSTAR SLT	5.0	6.0	5.3	5.7	5.3	6.0	6.3	6.7	5.9
DEFENDER (D04-UP)	6.0	6.0	6.0	5.7	5.3	6.0	6.0	6.0	5.9
FOREVER (DP 17-9499)	6.3	5.3	5.7	5.3	6.3	6.0	6.0	6.3	5.9
OVERDRIVE	6.0	5.3	6.0	6.0	5.3	5.7	6.3	6.3	5.9
PST-217	5.3	5.7	6.0	5.3	5.3	6.0	6.3	6.3	5.9
STELLAR GL (IS-PR 236)	7.0	6.0	6.0	6.0	5.0	6.0	6.0	6.3	5.9
WAYFARER (L44)	6.7	6.3	5.7	6.0	5.3	6.0	6.0	6.0	5.9
ASP6002 (BPR)	7.7	5.7	6.3	5.7	6.0	5.3	5.7	5.7	5.8
DART (APR 1663)	5.0	6.0	5.7	5.7	5.0	6.0	6.0	6.3	5.8
GOALKEEPER II (JR-114)	5.7	5.3	5.3	6.0	6.0	5.7	6.0	6.3	5.8
HAWKEYE 2 (SRX 4692)	5.3	5.7	5.7	5.7	5.7	5.7	5.7	6.3	5.8
HOMERUN (RG3P)	6.3	6.3	6.7	5.7	4.7	5.3	5.3	6.7	5.8
NEXUS XR (SNR)	7.0	5.3	6.0	6.0	5.0	6.0	6.0	6.3	5.8
NOTABLE (AF)	6.0	5.7	6.0	6.0	5.3	5.7	5.7	6.3	5.8
PARAGON GLR	6.0	6.7	6.0	5.3	4.0	5.7	6.3	6.7	5.8
PHENOM (APR 1660)	5.7	6.3	6.7	5.7	5.0	5.3	5.3	6.0	5.8
PM 102	8.0	6.0	6.0	6.0	5.0	5.7	6.0	6.0	5.8
PRESIDIO (CNV)	6.7	6.0	6.0	6.0	5.7	5.7	5.7	5.7	5.8
PROTOTYPE (DCM)	6.0	6.0	6.0	5.7	4.3	5.7	6.3	6.7	5.8
SILVER DOLLAR	6.0	6.0	6.0	5.7	5.7	5.7	5.7	6.0	5.8
TOP GUN II (JR-324)	6.7	5.7	5.7	5.7	4.7	5.7	6.7	6.7	5.8
ASP6001 (RTS)	7.3	5.7	5.7	5.3	5.0	5.7	6.3	6.3	5.7
ASP6006 (LPFG)	7.7	6.0	6.0	5.7	4.3	5.3	6.0	6.3	5.7
BAR LP 4420	6.0	5.3	6.3	5.3	5.3	5.7	5.7	6.0	5.7
DELAWARE XL (PICK 01-2)	6.7	5.7	6.0	5.7	5.7	5.3	5.7	6.0	5.7
DP 17-9788	4.0	5.7	5.7	5.3	6.0	5.3	6.0	6.0	5.7
EDGE II (AC2)	7.0	5.7	5.7	5.7	5.3	5.7	5.7	6.3	5.7
FIESTA 4 (PICK F4)	7.3	6.3	6.7	6.3	4.0	5.3	5.7	5.7	5.7
FIJI (GPR)	7.3	5.7	6.0	5.7	4.7	5.7	6.0	6.3	5.7
GRAND SLAM 2 (PST-2GSM)	5.3	6.0	5.7	5.3	4.7	5.3	6.3	6.3	5.7
GRAY FOX (PST-2MNG)	5.3	5.7	5.3	5.0	4.7	6.0	6.7	6.3	5.7
PIZZAZZ	6.0	5.7	6.0	5.3	5.0	5.3	6.3	6.3	5.7
PST-2BLK	5.0	5.7	6.0	5.7	4.3	5.3	6.7	6.3	5.7
SRX 4682	5.0	5.7	5.7	5.3	6.3	5.3	5.7	6.0	5.7
VB99	8.0	5.3	6.0	5.7	5.0	5.3	6.0	6.3	5.7
BACCARAT (RAD-PR8)	5.3	5.7	5.7	5.0	5.3	5.7	6.0	6.0	5.6
HALO (KN42)	8.0	5.3	5.3	5.0	5.0	5.7	6.3	6.3	5.6
LINE DRIVE GLS (APR 1797)	5.3	5.7	5.0	5.7	5.3	5.7	6.0	6.0	5.6
ACCENT II (JR-119)	5.0	6.0	5.3	5.3	4.3	5.7	5.7	6.3	5.5
CABO II (IS-PR 233)	8.0	5.0	6.0	5.3	5.0	5.3	6.0	6.0	5.5
CALYPSO 3 (MS2)	7.0	5.7	6.3	5.7	5.0	5.3	5.0	5.7	5.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	6.0	5.3	5.3	4.7	5.7	6.0	5.7	5.5
GALATTI (DP 17-9502)	5.7	5.3	5.7	5.3	5.3	5.3	6.0	5.7	5.5
INSPIRE	6.0	5.7	5.7	5.3	4.3	5.3	5.7	6.3	5.5
PACESETTER II (PS-2)	6.7	5.3	5.7	5.3	5.7	5.0	5.3	6.0	5.5

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS							
	COLOR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
REPELL GLS	5.0	6.0	6.0	5.7	4.7	5.3	5.3	5.7	5.5
ASP6005 (AJM)	7.7	5.7	6.0	5.3	4.3	5.0	5.7	6.0	5.4
PALMER III	5.0	5.3	5.3	5.3	5.3	5.0	5.7	6.0	5.4
PENTIUM	5.0	5.7	5.3	5.3	4.3	5.3	6.3	5.7	5.4
PINNACLE II	6.3	5.3	6.3	5.3	4.3	5.0	5.3	6.0	5.4
LA QUINTA (JR-255)	7.7	5.0	5.7	5.0	4.7	5.3	5.7	6.0	5.3
MACH I	6.7	5.7	5.3	5.0	5.0	5.0	5.3	5.7	5.3
QUICKSILVER	7.7	5.3	4.7	5.3	5.0	5.7	5.7	5.7	5.3
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	5.7	5.7	5.0	4.3	5.7	5.3	5.7	5.3
ZOOM (LCK)	7.0	5.3	5.7	5.0	4.7	5.3	5.3	5.7	5.3
BARLENNIUM	5.0	5.3	5.0	5.0	4.3	5.0	5.7	6.0	5.2
BREA (04-BRE)	6.0	5.7	5.3	4.7	4.7	4.7	5.3	5.3	5.1
PANTHER	4.3	5.7	4.7	4.7	4.7	5.0	5.7	5.7	5.1
BAR LP 4920	6.0	4.7	4.7	4.7	5.0	5.3	5.3	5.3	5.0
HEADSTART 2	7.3	5.3	5.3	5.0	3.7	4.7	5.3	5.7	5.0
PREMIER II	4.7	5.0	5.0	5.0	5.0	4.7	5.3	5.3	5.0
GRAY STAR (PST-2LGL)	5.3	5.7	5.0	5.0	4.7	4.7	4.3	5.0	4.9
KEYSTONE 2 (IS-PR 312)	5.7	5.0	6.0	5.0	3.3	4.7	5.0	5.0	4.9
LPR 02203	4.0	4.3	4.7	4.7	5.3	5.3	4.7	5.3	4.9
RINGER II (04-BEN)	5.7	5.3	5.0	5.0	4.0	4.7	5.0	5.3	4.9
PREMIER	3.3	5.0	5.0	4.7	5.0	5.0	4.0	5.0	4.8
PINNACLE	3.0	4.3	4.3	4.7	5.3	4.7	4.0	5.0	4.6
AFFINITY	3.0	5.0	4.3	4.7	4.0	4.0	4.7	5.0	4.5
PICK 02-R	8.0	4.3	4.7	4.0	3.3	4.0	5.0	5.0	4.3
LINN	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.7	2.1
LSD VALUE	0.6	1.4	1.3	1.5	4.1	1.8	1.3	1.4	1.2
C.V. (%)	6.4	12.4	11.9	13.1	22.6	14.3	12.1	11.7	11.1

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

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

TABLE 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	PERCENT COVER SPRING	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	MEAN
SOPRANO (DP1)	6.3	5.7	5.0	6.3	66.7	5.7	7.7	7.0	7.0	7.7	7.0	5.7	6.8
CITATION FORE	6.3	6.3	5.3	6.3	70.0	7.0	7.0	6.7	6.3	7.3	7.0	5.3	6.7
EXACTA II GLSR (LTP-611-GLSR)	6.0	6.7	6.7	7.0	73.3	6.3	7.7	7.0	7.0	7.0	7.0	5.0	6.7
PALMER V (RNS)	6.3	6.7	6.7	7.0	73.3	7.0	7.0	6.7	6.3	7.0	7.0	5.7	6.7
KEYSTONE 2 (IS-PR 312)	6.7	5.7	5.7	6.0	73.3	6.0	7.3	6.7	7.0	7.7	6.7	5.0	6.6
PALMER IV	6.0	6.0	6.7	7.0	73.3	6.3	7.0	7.0	7.0	7.0	6.7	5.3	6.6
PARAGON GLR	6.3	6.0	7.0	6.3	73.3	7.0	7.3	7.3	6.3	6.7	6.7	5.0	6.6
REVENGE GLX (JR-348)	6.3	6.0	6.3	6.3	66.7	5.7	7.7	7.0	6.0	7.3	7.0	5.3	6.6
ATTRIBUTE (IS-PR 270)	6.0	5.3	5.7	6.3	60.0	5.3	6.7	7.0	7.0	7.3	6.7	5.3	6.5
CUTTER II (PM 101)	7.0	5.0	6.7	6.3	60.0	6.0	6.7	7.0	7.0	7.0	6.7	5.0	6.5
DEFENDER (D04-UP)	6.3	4.7	6.3	6.7	71.7	4.7	7.3	6.7	7.0	7.7	7.0	5.3	6.5
EDGE II (AC2)	6.0	5.0	6.7	6.3	63.3	6.0	7.0	7.0	7.0	6.3	7.0	5.0	6.5
MMW	6.7	5.3	6.0	6.7	71.7	5.0	7.0	7.0	7.0	7.7	7.0	5.0	6.5
NOTABLE (AF)	5.7	6.7	6.3	6.7	70.0	5.7	7.0	7.0	5.7	7.3	7.0	5.7	6.5
PALMER GLS (GL-2)	5.7	6.3	6.7	6.3	73.3	6.3	7.0	7.0	6.7	7.3	6.3	4.7	6.5
PIZZAZZ	5.0	6.7	6.3	6.3	66.7	7.3	7.0	6.7	6.3	6.7	7.0	4.7	6.5
DASHER 3 (PICK RB-1)	6.0	5.3	5.7	6.3	63.3	5.3	7.3	6.7	7.0	6.7	6.7	5.3	6.4
E-99	6.0	5.7	6.7	6.3	60.0	6.3	6.7	6.7	7.0	7.0	6.7	4.3	6.4
FIESTA 4 (PICK F4)	6.7	6.0	6.7	6.0	68.3	5.7	7.0	7.0	6.7	6.7	6.7	5.3	6.4
PANTHER GLS	6.7	7.0	6.7	6.0	73.3	6.7	7.0	7.0	6.7	7.0	6.3	4.3	6.4
PLATEAU (PST-2LAN)	6.0	5.7	6.3	6.0	56.7	6.0	7.0	6.3	6.3	7.0	7.0	5.0	6.4
PROTEGE GLR	5.7	6.0	6.3	7.0	63.3	6.0	7.0	7.0	6.0	7.0	7.3	4.7	6.4
REGAL 5 (IS-PR 271)	5.7	5.0	6.3	6.7	63.3	6.0	6.7	7.0	7.0	7.3	6.7	4.3	6.4
UNO (D04-11T)	6.0	5.7	6.0	6.7	70.0	6.3	7.3	6.3	6.3	7.0	6.7	5.0	6.4
VB99	6.7	5.7	6.7	6.3	63.3	5.7	7.3	6.7	6.7	7.0	7.0	4.7	6.4
1G SQUARED (APR 1664)	6.0	6.3	6.3	7.0	66.7	5.0	7.0	7.0	7.0	6.7	6.7	4.7	6.3
CHIVALRY (APR 1648)	5.0	7.0	6.3	6.3	66.7	6.0	7.0	7.3	6.3	6.7	6.3	4.3	6.3
BACCARAT (RAD-PR8)	5.0	5.7	7.0	6.0	66.7	6.3	7.0	7.0	6.3	6.7	6.0	4.7	6.3
BRIGHTSTAR SLT	6.0	5.7	5.7	6.0	66.7	6.0	6.3	6.7	6.3	7.0	6.7	5.3	6.3
CALYPSO 3 (MS2)	5.7	5.7	6.7	6.7	71.7	5.7	7.0	7.3	6.3	6.7	6.3	5.0	6.3
DELAWARE XL (PICK 01-2)	5.3	4.3	6.0	6.7	66.7	6.3	7.0	7.0	5.7	7.0	6.7	4.3	6.3
ES45	6.0	5.7	7.0	6.3	66.7	7.0	7.3	6.7	6.7	6.0	6.3	4.0	6.3
HARRIER (SRX 4UP3)	6.0	6.0	6.3	6.7	63.3	4.7	6.7	6.3	7.0	7.3	7.0	5.3	6.3
KOKOMO II (IS-PR 235)	6.0	6.0	6.0	6.3	63.3	6.0	7.0	6.7	5.7	7.0	7.0	5.0	6.3
LINE DRIVE GLS (APR 1797)	6.0	5.7	6.7	6.7	66.7	6.3	7.0	6.7	7.0	6.0	6.7	4.3	6.3
MANHATTAN 5 GLR (PST-2AM)	6.3	6.3	6.7	6.3	75.0	6.0	6.7	7.0	7.0	6.7	6.0	4.7	6.3
PALACE (IS-PR 273)	6.0	5.0	6.0	5.7	53.3	4.7	6.7	6.3	6.7	7.7	7.0	5.3	6.3
PST-2AG4	6.0	5.0	6.0	6.7	46.7	5.3	6.7	7.0	7.0	6.7	6.3	5.0	6.3
SILVER DOLLAR	6.0	6.3	6.0	6.3	70.0	6.3	6.7	6.7	6.3	7.0	6.7	4.3	6.3
SR 4600 (SRX 4SP)	5.0	6.0	6.0	6.3	70.0	5.7	6.7	6.7	5.0	7.3	7.0	5.7	6.3
ACCENT II (JR-119)	6.3	6.0	7.0	6.0	70.0	6.0	7.0	7.0	6.0	6.7	6.3	4.7	6.2
ALLSTAR 3 (IS-PR 274)	6.0	5.3	6.3	6.0	70.0	4.3	7.3	7.0	5.7	7.3	6.7	5.0	6.2
APPLE GL (AAZ-B104)	5.7	4.7	6.3	6.0	66.7	5.0	7.3	5.7	5.7	7.7	7.0	5.0	6.2
ASP6002 (BPR)	6.0	5.0	6.3	6.3	66.7	5.7	7.3	7.0	6.0	6.7	6.3	4.7	6.2
D04-LP05	6.0	6.3	6.3	6.7	73.3	6.0	6.7	6.7	6.3	6.7	6.3	4.7	6.2
DERBY XTREME (IS-PR 268)	6.0	4.7	5.7	6.3	73.3	5.0	7.0	6.7	6.7	7.0	7.0	4.3	6.2
GRAY STAR (PST-2LGL)	5.7	5.3	6.0	6.3	66.7	5.0	7.0	6.7	6.3	7.0	6.7	4.7	6.2

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	PERCENT	APR	MAY	JUN	QUALITY RATINGS				OCT	MEAN
					COVER SPRING				JUL	AUG	SEP			
OVERDRIVE	6.0	5.7	6.0	6.3	63.3	6.7	7.0	6.7	6.7	6.3	5.7	4.7	6.2	
PROTOTYPE (DCM)	6.0	5.7	6.3	6.7	60.0	5.0	7.0	6.3	5.7	7.3	6.7	5.3	6.2	
STELLAR GL (IS-PR 236)	6.3	6.0	7.0	6.3	75.0	5.7	6.7	6.7	6.0	6.7	6.7	5.3	6.2	
ASP6006 (LPFG)	6.0	4.3	6.7	6.0	60.0	4.3	7.0	7.0	7.0	6.3	6.3	4.7	6.1	
BAR LP 4420	6.0	5.3	6.3	5.3	56.7	5.3	6.7	7.0	6.3	6.3	6.3	4.7	6.1	
BREA (04-BRE)	5.7	5.0	6.0	6.0	60.0	4.7	7.0	6.7	6.7	7.0	6.3	4.7	6.1	
HALO (KN42)	6.7	6.3	6.7	6.0	61.7	6.0	7.0	6.7	6.7	6.3	6.3	4.0	6.1	
NEXUS XR (SNR)	6.3	5.0	6.3	5.3	60.0	5.7	7.0	7.0	6.3	6.7	6.0	4.0	6.1	
PLEASURE SUPREME (PM 103)	6.0	6.3	6.3	6.3	60.0	5.7	6.7	6.0	5.3	7.0	7.0	5.0	6.1	
PM 102	7.0	6.3	7.0	7.3	70.0	5.3	7.3	7.3	7.0	6.3	5.7	4.0	6.1	
PST-217	5.3	4.7	6.0	6.0	63.3	5.7	7.0	6.0	5.7	7.0	7.0	4.3	6.1	
QUICKSILVER	5.3	5.7	5.7	5.3	66.7	5.3	7.0	6.3	6.3	6.7	6.3	5.0	6.1	
TOP GUN II (JR-324)	6.7	4.7	6.7	6.7	66.7	4.3	7.0	6.7	6.3	7.0	6.7	5.0	6.1	
ASP6004 (EXS54)	6.0	6.0	6.0	6.3	60.0	4.7	7.0	6.7	6.3	6.3	6.7	4.3	6.0	
BAR LP 4317	6.0	5.7	6.7	6.0	70.0	6.0	6.0	7.0	6.3	6.3	6.3	4.0	6.0	
BAR LP 4920	6.0	4.7	6.0	5.7	63.3	6.0	7.0	7.0	7.0	6.0	5.7	3.7	6.0	
BUENA VISTA	5.7	5.0	6.3	6.0	60.0	5.0	7.0	6.0	5.3	7.3	6.3	4.7	6.0	
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	5.3	5.7	6.0	63.3	5.3	6.7	6.7	6.7	6.3	6.7	4.0	6.0	
FIJI (GPR)	5.7	4.3	6.7	5.7	60.0	5.0	7.3	6.7	6.3	6.0	6.0	4.7	6.0	
FIREBOLT (PRG HS-01-09)	6.0	6.0	7.0	6.3	53.3	5.7	7.0	6.7	6.7	6.0	5.7	4.3	6.0	
FOREVER (DP 17-9499)	4.7	6.3	6.3	6.7	60.0	4.7	7.0	7.0	7.0	6.0	5.7	4.3	6.0	
GRAND SLAM 2 (PST-2GSM)	5.7	4.7	6.3	5.7	60.0	5.0	6.7	6.7	5.7	7.0	6.7	4.7	6.0	
HAWKEYE 2 (SRX 4692)	6.0	6.3	6.0	6.3	70.0	6.0	6.7	6.0	6.3	6.3	6.0	4.3	6.0	
HOMERUN (RG3P)	5.3	4.7	6.0	6.0	56.7	5.0	7.0	6.7	5.7	6.7	6.7	4.7	6.0	
LS 2300 (APR 1670)	5.0	4.7	6.3	6.3	63.3	5.3	6.7	6.3	6.7	6.0	6.7	4.3	6.0	
MONTEREY 3 (JR-408)	6.0	6.0	6.0	6.3	70.0	5.3	6.3	6.3	6.7	7.0	6.3	4.3	6.0	
PALMER III	5.7	5.7	5.7	6.3	66.7	6.3	6.3	6.0	6.7	6.0	6.3	4.3	6.0	
PENTIUM	5.0	5.3	6.0	6.3	66.7	5.0	7.0	7.0	6.3	6.3	6.0	4.0	6.0	
PINNACLE II	6.0	5.0	5.3	5.7	60.0	5.7	6.7	6.3	6.0	6.7	6.0	4.7	6.0	
PRIMARY (IS-PR 269)	6.3	5.3	6.0	6.7	70.0	5.0	7.3	6.7	6.0	6.3	6.0	4.7	6.0	
PST-2BLK	5.7	4.7	6.0	6.0	63.3	6.0	6.3	5.7	6.3	6.7	6.3	4.7	6.0	
REPELL GLS	5.7	6.0	6.3	6.0	63.3	6.3	6.7	6.7	6.0	6.3	6.0	4.3	6.0	
RINGER II (04-BEN)	6.3	5.7	6.3	6.7	60.0	4.7	7.0	6.3	6.3	6.7	6.3	4.7	6.0	
TR47	5.7	5.0	6.7	6.0	60.0	6.0	6.7	6.7	6.0	6.0	6.0	4.7	6.0	
TRANSFORMER (D04-1667)	5.7	6.0	6.7	5.7	70.0	5.3	6.0	6.7	6.7	6.7	6.0	4.7	6.0	
WIND DANCE 2 (PWDR)	6.3	6.3	6.0	5.3	58.3	5.3	7.0	7.0	7.0	6.0	5.7	4.3	6.0	
ZOOM (LCK)	6.3	5.3	7.0	6.7	60.0	5.3	7.0	6.7	5.0	6.7	6.3	4.7	6.0	
ASP6005 (AJM)	5.7	5.3	5.7	5.7	53.3	5.3	6.7	6.3	5.3	6.7	6.0	4.7	5.9	
CABO II (IS-PR 233)	6.0	5.3	6.3	6.0	66.7	4.7	6.7	6.7	6.0	6.3	6.3	4.7	5.9	
CADDIESHACK II (JR-163)	5.3	5.3	5.3	6.0	56.7	5.3	6.3	6.0	6.7	6.3	5.7	4.7	5.9	
FUSION	5.0	5.3	6.0	6.0	60.0	5.0	6.7	6.3	6.7	6.3	5.7	4.7	5.9	
GOALKEEPER II (JR-114)	6.0	5.3	6.0	6.0	60.0	5.7	6.0	6.0	6.7	6.7	5.7	4.7	5.9	
INSPIRE	5.3	5.0	5.0	5.7	70.0	5.0	6.3	6.0	6.3	6.7	6.3	4.7	5.9	
MACH I	5.7	5.3	6.3	6.3	71.7	5.0	7.0	6.0	6.3	6.3	6.0	4.7	5.9	
MAJESTY II (VB77)	5.7	5.0	6.0	5.3	56.7	3.7	6.3	6.7	6.7	6.7	6.7	4.3	5.9	
NEXUS XD (SP4)	6.3	6.3	6.3	5.7	60.0	5.0	7.0	6.7	6.0	6.0	6.0	4.3	5.9	
PACESETTER II (PS-2)	5.3	6.0	6.7	6.3	70.0	5.7	6.7	5.7	6.3	6.3	6.0	4.7	5.9	

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	PERCENT COVER SPRING	QUALITY RATINGS							MEAN
						APR	MAY	JUN	JUL	AUG	SEP	OCT	
PICK 02-R	6.0	5.3	6.7	6.0	60.0	4.7	6.3	6.7	6.3	6.0	6.3	4.7	5.9
WAYFARER (L44)	6.3	5.3	6.3	5.7	56.7	4.7	7.0	6.3	6.0	6.3	6.3	4.7	5.9
AMAZING GS (IS-PR 276)	5.7	5.0	6.0	6.7	73.3	4.7	7.0	6.7	5.3	6.3	6.0	4.3	5.8
DP 17-9788	5.7	6.0	6.0	6.0	60.0	5.0	7.0	5.7	6.3	6.0	6.0	4.3	5.8
GRAY FOX (PST-2MNG)	6.0	3.7	6.0	6.3	60.0	4.0	6.7	6.0	6.3	6.7	6.3	4.3	5.8
HEADSTART 2	5.7	6.0	5.7	5.7	66.7	5.3	7.0	6.7	4.7	5.7	6.7	4.3	5.8
PANTHER	4.3	5.7	5.3	6.0	61.7	5.7	6.3	5.7	6.0	6.3	6.3	4.0	5.8
PRESIDIO (CNV)	5.7	5.3	6.3	6.0	63.3	5.3	6.7	6.0	6.0	6.3	6.0	4.3	5.8
SUNSHINE 2	6.7	3.3	6.7	5.0	53.3	4.0	6.7	6.7	5.7	7.0	6.0	4.3	5.8
ASP6001 (RTS)	6.0	5.3	6.3	5.7	60.0	4.7	6.3	6.7	6.0	5.7	6.0	4.7	5.7
ASP6003 (TRS)	5.7	5.3	6.7	6.3	60.0	5.3	7.0	6.3	5.7	6.0	5.7	4.0	5.7
BARLENNIUM	5.7	4.7	6.3	5.3	56.7	5.0	6.3	6.0	6.3	6.3	5.7	4.3	5.7
DART (APR 1663)	6.0	4.0	5.0	5.0	53.3	4.7	6.7	5.3	5.7	6.7	6.3	4.3	5.7
GALATTI (DP 17-9502)	6.0	5.0	5.7	6.7	56.7	4.3	7.0	6.7	6.0	6.3	5.7	4.0	5.7
LA QUINTA (JR-255)	5.7	5.0	5.7	5.7	61.7	5.3	6.3	5.7	6.0	6.3	5.7	4.7	5.7
PHENOM (APR 1660)	4.7	4.0	4.7	5.7	60.0	3.7	6.7	5.7	6.0	7.0	6.0	4.7	5.7
SRX 4682	5.7	4.7	6.3	6.0	70.0	5.3	6.3	6.3	6.3	5.7	6.3	3.3	5.7
PREMIER II	5.3	5.7	5.3	6.3	66.7	5.3	6.3	6.3	5.7	6.0	6.0	3.7	5.6
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	5.0	5.7	5.7	56.7	5.0	7.0	5.3	5.0	6.3	6.0	4.3	5.6
LPR 02203	5.3	6.0	5.7	6.3	61.7	5.3	6.3	6.0	5.7	5.7	6.3	3.0	5.5
AFFINITY	4.3	6.0	4.3	6.3	70.0	6.3	6.0	5.3	5.3	5.3	6.0	3.7	5.4
PINNACLE	4.3	5.7	5.3	6.3	63.3	5.7	5.7	6.0	6.7	5.0	5.3	3.7	5.4
PIANIST (DP 17-9505)	5.3	5.3	5.3	6.0	56.7	4.0	7.0	6.0	5.7	5.7	5.3	3.7	5.3
PREMIER	4.3	5.7	4.7	5.7	63.3	4.3	5.7	4.7	5.7	4.7	5.3	3.7	4.9
LINN	3.0	4.0	4.0	4.3	46.7	4.0	4.3	4.0	3.7	4.0	3.7	2.7	3.8
LSD VALUE	2.9	3.6	2.2	3.1	34.1	5.0	1.0	1.4	3.4	1.1	1.2	1.5	0.8
C.V. (%)	15.7	19.7	13.4	12.6	15.0	22.7	7.4	10.4	15.1	9.2	9.7	14.9	7.2

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 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER	QUALITY RATINGS			
	SPRING	MAY	JUN	JUL	MEAN
PREMIER	73.3	6.0	5.3	2.3	4.6
BAR LP 4920	51.7	4.0	4.7	2.7	3.8
GOALKEEPER II (JR-114)	50.0	4.3	4.3	2.7	3.8
CADDIESHACK II (JR-163)	55.0	4.3	4.7	2.0	3.7
GRAY FOX (PST-2MNG)	43.3	4.3	4.0	2.7	3.7
SECRETARIAT II GLSR (LTP-101-GLSR)	36.7	4.0	4.7	2.3	3.7
BARLENNIUM	41.7	4.0	4.0	2.7	3.6
PENTIUM	33.3	3.7	4.7	2.3	3.6
REVENGE GLX (JR-348)	40.0	3.7	4.3	2.7	3.6
CHIVALRY (APR 1648)	38.3	3.7	4.3	2.3	3.4
DP 17-9788	36.7	4.3	4.3	1.7	3.4
ES45	45.0	4.0	4.0	2.3	3.4
HAWKEYE 2 (SRX 4692)	43.3	4.0	4.0	2.3	3.4
PINNACLE	56.7	4.0	4.3	2.0	3.4
BRIGHTSTAR SLT	36.7	3.7	4.0	2.3	3.3
HOMERUN (RG3P)	41.7	4.3	3.7	2.0	3.3
VB99	50.0	3.7	4.0	2.3	3.3
ZOOM (LCK)	26.7	3.3	4.0	2.7	3.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	35.0	4.0	3.7	2.0	3.2
DART (APR 1663)	33.3	3.7	4.0	2.0	3.2
MAJESTY II (VB77)	43.3	3.7	4.0	2.0	3.2
PALMER III	33.3	3.7	3.7	2.3	3.2
PIZZAZZ	51.7	4.0	3.7	2.0	3.2
PRESIDIO (CNV)	31.7	3.3	4.3	2.0	3.2
REPELL GLS	48.3	4.0	3.7	2.0	3.2
SILVER DOLLAR	38.3	3.3	3.7	2.7	3.2
TR47	51.7	3.3	4.0	2.3	3.2
HALO (KN42)	41.7	3.7	3.7	2.0	3.1
PANTHER GLS	28.3	3.0	3.7	2.7	3.1
TOP GUN II (JR-324)	50.0	3.7	3.3	2.3	3.1
ACCENT II (JR-119)	16.7	2.7	4.0	2.3	3.0
AFFINITY	21.7	3.7	3.7	1.7	3.0
BACCARAT (RAD-PR8)	31.7	3.0	4.0	2.0	3.0
SRX 4682	48.3	4.0	3.3	1.7	3.0
APPLE GL (AAZ-B104)	20.0	3.0	4.0	1.7	2.9
ASP6003 (TRS)	26.7	3.0	3.7	2.0	2.9
ASP6006 (LPFG)	26.7	3.0	4.0	1.7	2.9
CABO II (IS-PR 233)	31.7	3.0	3.7	2.0	2.9
CITATION FORE	25.0	3.3	3.3	2.0	2.9
CUTTER II (PM 101)	35.0	3.0	3.0	2.7	2.9
INSPIRE	35.0	3.3	3.0	2.3	2.9
PALMER V (RNS)	28.3	3.0	3.7	2.0	2.9
PANTHER	33.3	3.7	3.0	2.0	2.9
HARRIER (SRX 4UP3)	33.3	3.3	3.3	1.7	2.8
HEADSTART 2	30.0	3.0	3.0	2.3	2.8
LPR 02203	15.0	3.0	3.0	2.3	2.8
MACH I	30.0	3.0	3.7	1.7	2.8

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER	QUALITY RATINGS			
	SPRING	MAY	JUN	JUL	MEAN
PACESETTER II (PS-2)	35.0	3.0	3.3	2.0	2.8
PLATEAU (PST-2LAN)	18.3	2.7	3.3	2.3	2.8
PROTOTYPE (DCM)	28.3	3.3	3.0	2.0	2.8
PST-2AG4	36.7	3.0	3.3	2.0	2.8
TRANSFORMER (D04-1667)	46.7	3.7	3.0	1.7	2.8
BAR LP 4317	8.3	2.3	3.3	2.3	2.7
DELAWARE XL (PICK 01-2)	33.3	3.0	3.0	2.0	2.7
PICK 02-R	25.0	3.0	3.0	2.0	2.7
PST-2BLK	25.0	3.3	2.7	2.0	2.7
RINGER II (04-BEN)	10.0	2.3	3.3	2.3	2.7
SR 4600 (SRX 4SP)	48.3	3.3	3.0	1.7	2.7
1G SQUARED (APR 1664)	13.3	2.0	3.3	2.3	2.6
ASP6004 (EXS54)	28.3	3.0	3.0	1.7	2.6
EXACTA II GLSR (LTP-611-GLSR)	10.0	2.3	3.0	2.3	2.6
FUSION	16.7	2.3	3.3	2.0	2.6
PARAGON GLR	18.3	3.0	3.3	1.3	2.6
WIND DANCE 2 (PWDR)	31.7	2.7	3.0	2.0	2.6
ALLSTAR 3 (IS-PR 274)	15.0	2.3	3.0	2.0	2.4
ASP6002 (BPR)	21.7	2.7	3.0	1.7	2.4
BUENA VISTA	31.7	2.7	3.3	1.3	2.4
E-99	25.0	2.7	3.3	1.3	2.4
MANHATTAN 5 GLR (PST-2AM)	11.7	2.3	3.3	1.7	2.4
NOTABLE (AF)	20.0	2.7	3.0	1.7	2.4
OVERDRIVE	25.0	2.7	2.7	2.0	2.4
PALMER GLS (GL-2)	16.7	2.7	3.3	1.3	2.4
PALMER IV	15.0	2.3	3.0	2.0	2.4
PREMIER II	30.0	2.7	3.0	1.7	2.4
PROTEGE GLR	10.0	2.3	3.0	2.0	2.4
WAYFARER (L44)	33.3	2.7	2.7	2.0	2.4
AMAZING GS (IS-PR 276)	6.7	1.7	2.7	2.7	2.3
ATTRIBUTE (IS-PR 270)	23.3	2.7	2.3	2.0	2.3
DEFENDER (D04-UP)	18.3	2.3	3.0	1.7	2.3
FIJI (GPR)	28.3	2.7	2.7	1.7	2.3
KEYSTONE 2 (IS-PR 312)	10.0	2.3	2.7	2.0	2.3
LINE DRIVE GLS (APR 1797)	25.0	2.7	2.7	1.7	2.3
MONTEREY 3 (JR-408)	31.7	3.0	2.7	1.3	2.3
PM 102	23.3	2.3	2.3	2.3	2.3
PST-217	18.3	2.3	3.0	1.7	2.3
STELLAR GL (IS-PR 236)	18.3	2.3	2.7	2.0	2.3
CALYPSO 3 (MS2)	11.7	2.3	2.3	2.0	2.2
DERBY XTREME (IS-PR 268)	16.7	2.0	2.3	2.3	2.2
GRAY STAR (PST-2LGL)	11.7	2.7	2.3	1.7	2.2
KOKOMO II (IS-PR 235)	26.7	2.3	2.7	1.7	2.2
LA QUINTA (JR-255)	31.7	2.7	2.7	1.3	2.2
LS 2300 (APR 1670)	28.3	2.7	2.7	1.3	2.2
NEXUS XD (SP4)	21.7	2.3	2.7	1.7	2.2
PRIMARY (IS-PR 269)	21.7	2.3	2.3	2.0	2.2

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

	PERCENT COVER	QUALITY RATINGS			
NAME	SPRING	MAY	JUN	JUL	MEAN
REGAL 5 (IS-PR 271)	11.7	2.3	2.3	2.0	2.2
BAR LP 4420	16.7	2.3	2.0	2.0	2.1
DASHER 3 (PICK RB-1)	10.0	1.7	2.7	2.0	2.1
FIREBOLT (PRG HS-01-09)	20.0	2.0	2.3	2.0	2.1
GALATTI (DP 17-9502)	6.7	1.7	2.7	2.0	2.1
PIANIST (DP 17-9505)	8.3	2.0	2.7	1.7	2.1
SUNSHINE 2	21.7	2.0	3.0	1.3	2.1
BREA (04-BRE)	30.0	2.3	2.3	1.3	2.0
EDGE II (AC2)	13.3	2.3	2.3	1.3	2.0
GRAND SLAM 2 (PST-2GSM)	20.0	2.0	2.7	1.3	2.0
MMW	8.3	2.0	2.3	1.7	2.0
NEXUS XR (SNR)	20.0	2.3	2.3	1.3	2.0
PHENOM (APR 1660)	21.7	2.3	2.3	1.3	2.0
QUICKSILVER	15.0	1.7	2.0	2.3	2.0
UNO (D04-11T)	10.0	2.0	2.3	1.7	2.0
ASP6005 (AJM)	11.7	2.0	1.7	2.0	1.9
PALACE (IS-PR 273)	16.7	2.3	2.0	1.3	1.9
SOPRANO (DP1)	6.7	1.7	2.3	1.7	1.9
ASP6001 (RTS)	15.0	2.0	2.0	1.3	1.8
FIESTA 4 (PICK F4)	11.7	1.7	2.0	1.7	1.8
D04-LP05	8.3	1.3	2.0	1.7	1.7
PLEASURE SUPREME (PM 103)	13.3	2.0	1.7	1.3	1.7
FOREVER (DP 17-9499)	1.7	1.0	2.3	1.0	1.4
PINNACLE II	5.0	1.3	1.7	1.3	1.4
LINN	2.5	1.0	1.3	1.0	1.1
LSD VALUE	41.7	2.6	2.8	1.7	1.8
C.V. (%)	68.6	39.0	34.5	30.9	29.3

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

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

TABLE 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	RED THREAD SEPTEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SILVER DOLLAR	7.3	99.0	99.0	93.3	6.0	5.3	8.3	7.3	8.3	7.7	7.7	7.7	7.3	6.0	7.4
PANTHER GLS	6.0	94.7	96.3	93.3	5.0	5.7	7.7	7.3	7.7	7.3	7.7	7.7	7.0	6.7	7.2
ALLSTAR 3 (IS-PR 274)	6.3	94.7	94.7	91.7	5.3	5.0	7.0	6.3	8.0	7.3	7.3	7.7	7.0	7.3	7.0
APPLE GL (AAZ-B104)	6.3	94.7	94.7	93.3	5.3	5.7	7.0	7.0	7.7	7.3	7.0	7.0	6.7	6.7	6.9
LINE DRIVE GLS (APR 1797)	6.3	96.3	96.3	95.0	5.7	5.7	7.3	7.3	7.7	7.0	6.7	7.0	6.7	6.3	6.9
PALMER GLS (GL-2)	6.3	94.7	96.0	93.3	5.7	6.0	7.3	7.0	7.7	6.7	7.0	7.0	6.7	6.3	6.9
PALMER IV	6.7	91.3	89.7	85.0	4.3	6.3	7.0	6.3	8.0	7.3	6.3	7.0	6.7	6.7	6.9
PALMER V (RNS)	6.3	94.7	94.7	91.7	5.3	4.3	6.7	7.3	8.3	7.3	7.0	7.7	6.7	6.7	6.9
CITATION FORE	6.3	97.7	97.7	93.3	5.0	5.3	7.3	7.0	7.3	6.7	7.0	7.3	6.7	6.5	6.8
DASHER 3 (PICK RB-1)	6.7	90.0	88.3	86.7	7.3	5.7	7.0	7.3	7.3	7.0	6.7	7.7	6.3	6.0	6.8
PROTOTYPE (DCM)	6.3	96.0	97.7	93.0	5.7	5.3	7.0	6.7	8.0	7.0	6.7	7.0	6.3	7.3	6.8
STELLAR GL (IS-PR 236)	6.3	94.7	94.7	91.7	6.0	5.3	7.3	6.0	8.0	6.7	7.0	7.3	7.0	6.7	6.8
BARLENNIUM	6.3	97.7	97.7	91.7	5.0	5.3	7.3	6.7	7.3	6.7	6.7	7.3	6.7	6.0	6.7
DART (APR 1663)	6.0	97.7	97.7	94.7	5.0	5.0	7.0	6.7	8.3	7.3	7.3	6.3	6.3	6.0	6.7
EDGE II (AC2)	6.7	92.7	92.7	89.7	5.0	4.7	6.7	6.7	8.0	7.0	7.0	7.3	6.7	6.3	6.7
FIREBOLT (PRG HS-01-09)	7.7	94.7	94.7	91.7	5.0	5.7	7.3	7.0	8.0	7.0	7.0	6.3	6.3	6.0	6.7
GRAND SLAM 2 (PST-2GSM)	6.0	99.0	99.0	96.3	5.0	5.7	6.7	6.3	7.7	6.7	6.7	7.0	6.7	6.7	6.7
HOMERUN (RG3P)	6.7	96.3	96.3	93.0	4.7	5.3	7.0	6.3	7.7	6.3	6.7	7.3	6.7	6.7	6.7
PST-2AG4	6.0	94.7	94.7	91.3	6.3	5.7	6.7	6.3	7.0	7.0	7.7	7.0	7.0	6.3	6.7
ACCENT II (JR-119)	6.3	94.7	94.7	93.0	6.0	5.0	7.0	6.7	7.7	7.0	7.0	7.0	7.0	5.3	6.6
EXACTA II GLSR (LTP-611-GLSR)	6.7	93.0	94.3	94.3	6.7	4.7	6.7	6.3	7.3	6.7	7.3	7.3	6.7	6.3	6.6
LS 2300 (APR 1670)	5.7	96.0	97.7	91.7	5.7	5.7	6.7	6.0	7.0	6.7	7.0	7.3	7.0	5.7	6.6
NOTABLE (AF)	6.0	93.0	93.0	90.0	5.0	5.7	6.0	6.0	7.3	7.0	7.0	7.3	6.7	6.3	6.6
PENTIUM	6.3	94.7	97.7	94.7	5.0	5.0	7.0	6.7	7.7	7.0	6.3	7.0	6.3	6.7	6.6
RINGER II (04-BEN)	6.3	99.0	97.7	93.3	5.0	5.3	6.7	6.3	7.3	6.7	7.0	7.0	6.7	6.3	6.6
BAR LP 4317	5.7	93.3	93.3	91.7	5.3	6.0	6.3	6.7	7.0	7.0	6.7	6.7	6.3	5.7	6.5
FIJI (GPR)	6.7	97.7	97.7	91.7	6.3	5.0	5.7	6.3	7.7	6.7	7.3	7.7	6.7	5.3	6.5
PACESETTER II (PS-2)	6.0	93.0	94.7	93.3	5.7	5.3	7.0	6.7	7.7	6.7	6.3	6.3	6.0	6.3	6.5
PREMIER II	5.3	94.7	94.7	93.3	5.0	5.0	6.0	6.3	7.7	7.0	7.3	6.7	7.0	5.3	6.5
REPELL GLS	6.7	93.3	96.3	93.3	4.7	6.3	7.0	6.3	6.7	6.3	6.3	7.0	6.3	6.3	6.5
REVENGE GLX (JR-348)	6.7	96.3	96.3	91.7	5.0	5.3	7.0	6.0	7.7	7.0	6.3	6.7	6.3	6.0	6.5
TRANSFORMER (D04-1667)	6.7	96.3	96.3	90.0	4.7	5.7	6.7	6.7	8.0	7.3	6.0	6.3	6.0	5.7	6.5
UNO (D04-11T)	7.3	91.7	91.7	88.3	6.0	6.3	7.3	7.0	7.0	6.3	6.0	6.3	6.0	6.3	6.5
WIND DANCE 2 (PWDR)	7.0	91.3	93.0	88.3	5.3	6.0	6.7	7.3	7.0	6.7	6.7	6.7	5.7	5.5	6.5
CHIVALRY (APR 1648)	6.3	93.3	93.3	90.0	6.0	5.7	6.7	6.3	6.7	6.3	6.7	6.3	6.3	6.3	6.4
ASP6004 (EXS54)	6.3	90.0	90.0	88.3	5.7	6.0	6.0	6.7	7.0	6.3	6.0	7.0	6.3	6.0	6.4
BRIGHTSTAR SLT	5.7	97.7	97.7	93.3	4.3	5.3	6.3	6.0	8.0	7.3	6.0	7.0	6.3	5.0	6.4
GRAY FOX (PST-2MNG)	6.7	91.3	91.3	89.7	5.7	5.7	6.3	6.7	7.0	7.0	6.7	6.3	6.0	5.0	6.4
MAJESTY II (VB77)	6.7	94.7	94.7	93.3	4.7	5.3	6.0	6.0	7.3	6.7	6.7	7.3	6.7	6.0	6.4
MANHATTAN 5 GLR (PST-2AM)	5.7	94.7	94.7	91.7	3.7	4.3	6.0	6.7	7.7	6.7	7.0	6.7	6.7	6.0	6.4
OVERDRIVE	6.3	96.3	96.3	93.3	4.3	5.0	6.3	5.3	7.7	6.7	6.7	7.0	6.7	6.3	6.4
PST-2BLK	6.7	96.3	96.3	90.0	5.7	6.0	7.0	6.0	6.7	6.7	6.7	6.7	6.0	5.5	6.4
SUNSHINE 2	6.7	90.0	90.0	90.0	6.0	6.3	6.7	6.0	6.7	6.7	6.3	6.3	6.3	5.0	6.4
AMAZING GS (IS-PR 276)	5.7	96.3	96.3	94.7	4.7	5.0	6.0	6.0	7.0	7.0	6.7	6.7	6.3	5.7	6.3
BACCARAT (RAD-PR8)	5.7	93.3	95.0	91.7	4.7	4.7	6.0	6.3	7.3	6.7	6.3	7.0	6.3	6.0	6.3
BAR LP 4420	6.3	93.0	93.0	86.7	5.3	6.0	7.0	7.0	6.7	6.3	5.7	6.3	6.0	5.3	6.3
BREA (04-BRE)	6.7	92.7	92.7	90.0	5.0	5.7	6.7	6.7	6.7	6.7	6.3	6.3	6.0	5.3	6.3

TABLE 9. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	RED THREAD SEPTEMBER	APR	MAY	JUN	JUL	AUG	QUALITY RATINGS					MEAN
BUENA VISTA	6.0	90.0	91.7	90.0	5.0	5.7	7.0	6.3	6.7	6.3	6.0	6.7	6.0	5.7	6.3	
D04-LP05	6.3	94.7	96.0	94.7	5.0	6.3	6.7	6.0	6.7	6.3	6.3	6.7	6.3	5.3	6.3	
HAWKEYE 2 (SRX 4692)	6.3	96.3	97.7	94.7	5.0	6.0	7.0	6.7	7.0	6.3	6.0	6.7	6.3	5.0	6.3	
KEYSTONE 2 (IS-PR 312)	5.7	97.7	97.7	94.7	4.7	4.0	6.7	6.3	7.3	7.0	6.7	6.3	6.3	6.0	6.3	
KOKOMO II (IS-PR 235)	6.0	93.3	95.0	93.3	3.7	5.3	6.3	7.0	7.3	6.3	6.3	6.3	6.3	5.3	6.3	
MONTEREY 3 (JR-408)	6.3	91.3	90.0	83.3	4.0	4.3	5.7	6.3	7.3	7.3	6.7	6.7	6.0	6.5	6.3	
PARAGON GLR	6.3	89.7	89.7	88.0	5.0	4.3	6.7	6.3	7.3	7.0	6.3	6.7	6.0	6.0	6.3	
PHENOM (APR 1660)	5.3	85.0	85.0	83.3	5.3	4.7	5.7	6.7	7.3	6.7	6.3	6.7	6.3	6.3	6.3	
PLATEAU (PST-2LAN)	5.3	96.0	96.0	93.3	4.7	5.0	6.0	6.0	7.3	7.0	6.7	7.0	6.3	5.7	6.3	
PLEASURE SUPREME (PM 103)	6.3	94.7	96.3	92.3	4.7	5.0	6.7	6.3	7.0	6.7	6.3	6.3	6.3	5.0	6.3	
SR 4600 (SRX 4SP)	6.3	93.3	93.3	90.0	5.7	6.0	6.3	6.3	6.3	5.7	6.0	7.0	6.7	6.0	6.3	
VB99	7.0	88.0	88.0	86.3	5.0	5.3	6.7	6.0	7.0	6.3	7.0	7.0	5.7	5.0	6.3	
ZOOM (LCK)	5.7	90.0	90.0	90.0	4.0	5.0	6.3	6.7	7.3	7.0	6.3	6.3	6.0	5.7	6.3	
ASP6001 (RTS)	6.0	94.7	94.7	93.0	4.3	5.3	6.0	6.0	7.3	7.0	6.3	6.3	6.3	5.0	6.2	
ASP6002 (BPR)	6.7	94.3	93.0	93.0	6.0	5.0	6.3	5.7	6.3	6.3	6.7	7.0	6.0	7.0	6.2	
CADDIESHACK II (JR-163)	6.0	96.3	96.3	93.3	4.3	5.3	6.3	6.3	7.0	6.7	6.3	6.3	6.3	5.3	6.2	
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	96.3	96.3	91.7	4.0	5.0	6.3	5.7	7.7	6.7	6.3	6.7	6.3	5.3	6.2	
E-99	6.3	94.7	94.7	91.7	4.3	5.0	7.0	5.7	7.0	6.7	6.3	6.3	6.0	5.7	6.2	
ES45	6.3	91.7	91.7	91.7	4.0	6.0	5.3	6.0	7.0	6.7	6.0	6.7	6.0	6.0	6.2	
FUSION	5.7	94.7	96.3	95.0	5.3	4.7	5.7	6.0	7.7	6.7	7.0	6.7	6.3	5.3	6.2	
NEXUS XR (SNR)	6.0	90.0	90.0	90.0	5.0	5.0	6.3	6.3	6.7	6.3	6.7	6.7	6.3	5.3	6.2	
PIZZAZZ	5.3	94.7	94.7	93.3	4.7	4.7	5.3	6.0	7.7	7.0	6.3	6.7	6.3	6.0	6.2	
PRESIDIO (CNV)	7.0	97.7	97.7	93.3	5.3	4.7	6.7	6.3	6.7	6.0	6.3	7.0	6.3	6.0	6.2	
PRIMARY (IS-PR 269)	5.7	93.3	95.0	91.7	4.7	4.7	6.3	5.7	7.0	6.0	6.3	7.3	6.0	6.7	6.2	
CALYPSO 3 (MS2)	6.7	93.3	93.3	91.7	3.7	5.7	6.7	6.0	6.0	6.0	5.7	6.7	6.3	6.3	6.1	
CUTTER II (PM 101)	7.0	96.3	96.3	93.3	3.3	5.3	7.0	6.3	6.3	6.3	6.3	6.0	5.7	5.7	6.1	
GOALKEEPER II (JR-114)	6.0	93.0	93.0	90.0	4.3	4.7	5.7	6.0	7.3	6.3	6.3	6.7	6.3	6.0	6.1	
HARRIER (SRX 4UP3)	6.0	94.7	94.7	91.7	5.7	5.0	6.3	5.7	6.7	6.3	7.0	6.0	6.0	5.7	6.1	
INSPIRE	6.0	92.7	92.7	90.0	4.0	5.3	6.7	6.0	7.0	6.7	5.7	6.3	6.0	5.7	6.1	
PINNACLE II	5.7	96.3	96.3	93.0	4.7	5.3	6.0	6.3	7.3	6.7	6.0	6.3	6.0	5.3	6.1	
TOP GUN II (JR-324)	6.3	91.7	91.7	91.7	6.0	4.7	6.0	6.7	6.7	6.3	6.0	7.0	6.3	5.3	6.1	
ASP6003 (TRS)	6.7	88.3	89.7	86.7	5.3	5.0	5.7	6.0	6.7	6.0	6.3	6.7	6.3	5.3	6.0	
CABO II (IS-PR 233)	6.3	90.0	90.0	85.0	5.0	5.3	6.3	6.0	6.3	6.3	6.0	6.3	5.7	5.0	6.0	
DEFENDER (D04-UP)	6.3	94.7	94.7	91.7	5.7	5.0	6.0	5.7	6.3	6.3	6.3	6.7	6.3	5.7	6.0	
FOREVER (DP 17-9499)	5.7	83.0	84.7	79.7	4.7	6.0	5.7	5.7	6.7	6.3	6.0	6.3	6.0	5.3	6.0	
GALATTI (DP 17-9502)	6.3	94.7	94.7	94.7	5.7	4.7	6.3	6.3	7.0	6.7	6.0	6.0	6.0	5.3	6.0	
GRAY STAR (PST-2LGL)	6.3	93.0	94.7	91.7	4.7	5.3	5.7	6.3	6.3	6.3	6.0	6.3	6.0	5.7	6.0	
PALACE (IS-PR 273)	5.7	96.3	96.3	93.0	3.3	5.3	5.7	5.3	6.7	6.0	6.7	6.3	6.0	5.7	6.0	
PALMER III	5.7	91.7	93.3	90.0	3.7	5.7	6.0	5.7	6.7	6.7	6.3	6.3	6.0	5.0	6.0	
PST-217	5.7	96.0	96.0	93.3	4.3	4.3	6.0	5.7	7.0	6.7	6.3	6.3	6.3	5.3	6.0	
REGAL 5 (IS-PR 271)	6.0	91.3	91.3	88.3	4.0	5.0	5.7	5.7	6.3	6.0	6.0	6.7	6.3	6.0	6.0	
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	92.7	94.3	91.7	4.0	4.7	5.3	5.7	7.7	7.0	6.0	6.0	5.7	6.0	6.0	
SRX 4682	5.3	88.0	88.0	86.7	4.7	5.3	5.3	6.0	6.7	6.7	6.3	6.3	6.3	5.0	6.0	
TR47	6.3	88.3	90.0	88.3	5.3	4.7	5.7	5.3	6.7	6.3	6.7	6.3	6.7	5.7	6.0	
ATTRIBUTE (IS-PR 270)	6.3	88.3	86.7	85.0	4.7	4.0	5.7	5.7	6.3	6.0	6.3	7.3	6.3	5.3	5.9	
BAR LP 4920	5.7	91.7	91.7	90.0	4.0	5.7	5.3	5.3	6.7	6.3	6.0	6.3	6.3	4.7	5.9	
DP 17-9788	5.3	94.7	94.7	94.7	5.3	5.7	6.0	5.7	6.7	6.3	6.0	5.7	5.7	5.3	5.9	

TABLE 9. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

		PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	RED THREAD SEPTEMBER	APR	MAY	JUN	JUL	QUALITY RATINGS						
NAME	GENETIC COLOR									AUG	SEP	OCT	NOV	DEC	MEAN	
HALO (KN42)	6.3	86.3	86.3	84.7	5.0	4.7	6.0	6.0	6.7	6.3	6.0	6.0	6.0	5.7	5.9	
MACH I	6.0	91.7	93.3	90.0	4.3	5.3	6.3	6.3	6.3	6.0	5.7	6.0	5.7	5.7	5.9	
MMW	6.0	88.3	91.7	86.7	6.0	4.0	6.0	5.3	6.0	6.0	6.7	7.0	6.3	5.5	5.9	
PM 102	6.7	94.7	94.7	91.7	5.7	4.7	6.0	5.7	6.7	6.3	5.7	6.7	6.0	5.7	5.9	
QUICKSILVER	6.7	91.7	91.7	90.0	3.0	5.7	6.3	5.7	6.3	6.0	5.7	6.3	6.0	5.0	5.9	
1G SQUARED (APR 1664)	5.3	91.7	91.7	88.3	4.0	4.7	6.0	5.3	6.3	6.0	6.0	6.7	6.0	5.3	5.8	
DERBY XTREME (IS-PR 268)	6.3	85.0	85.0	81.7	5.7	4.3	6.0	5.0	6.0	6.0	6.3	7.0	6.3	5.5	5.8	
FIESTA 4 (PICK F4)	6.7	91.7	91.7	88.3	5.0	6.3	6.7	5.7	5.3	5.3	5.7	6.3	5.7	5.3	5.8	
HEADSTART 2	6.7	93.0	93.0	91.3	4.0	5.0	5.7	6.0	6.7	6.3	5.7	6.0	5.7	5.3	5.8	
PICK 02-R	7.7	85.0	86.7	85.0	4.7	6.3	6.3	5.7	5.7	5.7	6.0	6.0	5.7	5.0	5.8	
SOPRANO (DP1)	6.0	86.7	86.7	85.0	4.7	4.7	5.7	5.7	6.7	6.3	6.0	6.3	6.0	5.0	5.8	
ASP6005 (AJM)	6.7	83.3	83.3	83.3	4.0	5.3	6.0	5.7	6.0	6.0	5.0	6.3	5.7	5.3	5.7	
DELAWARE XL (PICK 01-2)	7.0	96.0	96.0	94.7	5.0	4.7	6.0	5.3	6.0	5.7	6.0	6.3	6.0	5.7	5.7	
PINNACLE	4.0	93.0	94.7	93.3	5.0	4.7	5.0	5.7	6.0	6.0	5.7	7.0	5.7	5.0	5.7	
PROTEGE GLR	6.3	86.7	86.7	81.7	6.0	4.7	5.7	6.0	5.7	5.7	6.3	6.0	6.0	5.0	5.7	
NEXUS XD (SP4)	6.7	91.7	93.3	88.3	5.0	5.0	6.0	6.0	6.3	6.0	5.3	5.7	5.3	5.0	5.6	
PANTHER	5.3	86.7	86.7	83.3	6.0	5.3	5.3	5.7	6.0	6.0	6.3	6.0	5.3	4.5	5.6	
PIANIST (DP 17-9505)	5.7	93.0	93.0	91.7	4.7	4.7	5.3	5.0	6.3	6.3	5.7	6.0	5.7	5.0	5.6	
WAYFARER (L44)	6.7	85.0	85.0	83.3	4.0	5.3	6.3	5.7	5.3	5.3	5.3	6.3	5.7	5.0	5.6	
ASP6006 (LPFG)	7.0	81.7	81.7	80.0	5.7	4.7	5.7	6.3	5.7	5.7	5.7	5.7	5.3	5.0	5.5	
LA QUINTA (JR-255)	5.7	88.3	88.3	86.7	3.7	4.7	5.0	5.3	6.3	5.7	5.3	6.0	5.7	4.7	5.4	
LPR 02203	4.0	97.7	97.7	93.3	6.0	4.7	5.0	5.7	5.7	5.7	5.7	6.0	5.3	5.0	5.4	
PREMIER	4.0	94.7	94.7	88.3	4.7	5.0	4.7	5.0	5.0	5.0	5.3	6.0	5.7	5.0	5.2	
AFFINITY	3.7	88.3	88.3	88.0	5.0	5.0	5.0	5.0	5.3	5.3	4.7	6.0	4.7	5.0	5.1	
LINN	3.0	91.7	93.3	90.0	4.3	3.3	3.3	3.7	4.7	5.0	3.7	4.7	3.7	3.0	3.9	
LSD VALUE	1.1	16.9	14.9	21.5	3.2	6.2	2.2	2.3	2.2	2.6	1.5	3.5	1.6	2.1	1.2	
C.V. (%)	10.4	6.0	5.8	6.4	22.6	21.3	15.2	13.9	14.2	12.4	11.8	12.9	10.8	14.6	9.1	

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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TR47	8.3	5.3	7.3	8.7	8.7	7.0	8.0	8.0	8.0	8.3	8.0	7.9
WIND DANCE 2 (PWDR)	8.0	6.3	7.0	8.0	9.0	7.0	8.0	7.7	7.7	7.7	8.0	7.7
MAJESTY II (VB77)	8.0	6.3	8.3	8.3	8.7	7.3	7.7	7.3	7.7	7.7	8.0	7.6
STELLAR GL (IS-PR 236)	7.3	5.3	7.0	8.7	9.0	6.3	8.0	7.7	7.7	7.7	8.0	7.6
EDGE II (AC2)	7.0	6.0	8.0	8.3	8.0	6.7	8.0	7.0	7.7	7.7	8.0	7.5
FIREBOLT (PRG HS-01-09)	8.0	5.7	7.7	8.0	8.3	7.0	7.7	8.3	7.7	6.7	7.7	7.5
LA QUINTA (JR-255)	8.3	5.7	8.0	7.7	9.0	7.3	8.0	7.3	6.7	7.3	8.3	7.5
PALMER IV	7.3	7.0	7.3	8.7	8.7	6.7	7.3	7.3	8.0	8.0	7.7	7.5
ASP6003 (TRS)	8.0	5.3	7.3	8.0	8.7	6.7	7.7	8.0	7.3	7.0	8.0	7.4
ASP6005 (AJM)	8.3	7.0	7.7	8.0	9.0	7.3	8.0	7.3	6.7	7.0	8.0	7.4
EXACTA II GLSR (LTP-611-GLSR)	8.0	6.0	7.0	8.0	8.7	6.7	7.3	8.0	7.3	7.3	7.7	7.4
FIESTA 4 (PICK F4)	7.7	5.0	7.7	8.0	9.0	7.3	7.7	8.0	7.0	6.3	8.0	7.4
FOREVER (DP 17-9499)	7.7	7.0	8.0	8.0	8.7	7.0	7.7	7.3	6.7	7.7	8.0	7.4
MACH I	7.7	6.0	6.7	8.3	8.7	7.3	8.0	7.0	7.0	7.7	7.3	7.4
NEXUS XR (SNR)	8.0	5.7	7.3	8.7	9.0	6.7	7.3	7.3	8.0	7.3	8.0	7.4
PALACE (IS-PR 273)	8.3	5.7	7.0	7.7	8.7	7.0	7.7	7.7	6.7	7.3	8.0	7.4
PALMER GLS (GL-2)	7.3	5.7	6.7	8.3	8.3	6.3	7.0	7.7	7.7	7.7	8.0	7.4
PARAGON GLR	7.7	5.7	6.3	8.3	8.3	6.3	6.7	7.7	8.0	8.0	7.7	7.4
PICK 02-R	7.7	7.3	7.3	8.3	9.0	6.3	7.7	7.0	8.0	7.3	8.3	7.4
PROTOTYPE (DCM)	7.3	6.0	7.7	8.7	8.7	7.0	7.3	7.7	7.3	8.0	7.3	7.4
ZOOM (LCK)	7.7	6.3	8.0	8.3	9.0	7.0	7.3	7.3	7.3	7.7	8.0	7.4
ALLSTAR 3 (IS-PR 274)	7.3	5.7	7.3	8.0	8.7	6.3	7.7	7.7	7.3	7.3	7.7	7.3
ASP6002 (BPR)	7.7	5.0	7.3	8.0	8.3	6.3	7.7	7.7	7.7	6.3	8.0	7.3
ASP6004 (EXS54)	7.7	5.7	7.3	8.0	8.7	6.3	7.7	7.7	7.3	7.3	7.7	7.3
ASP6006 (LPFG)	7.7	5.3	7.0	8.0	8.3	6.7	8.3	7.3	7.0	6.7	7.7	7.3
ATTRIBUTE (IS-PR 270)	8.3	6.0	7.7	8.0	9.0	7.0	8.0	7.7	7.0	6.7	7.7	7.3
DERBY XTREME (IS-PR 268)	7.7	4.7	7.7	7.7	9.0	7.0	7.7	7.3	7.3	6.7	8.0	7.3
FIJI (GPR)	8.0	5.7	7.7	8.0	9.0	6.7	7.0	7.7	7.3	7.3	8.0	7.3
GALATTI (DP 17-9502)	7.7	6.3	7.7	8.3	8.0	6.7	7.3	7.7	7.3	7.0	8.0	7.3
REGAL 5 (IS-PR 271)	8.3	6.0	7.7	8.0	8.7	6.3	8.0	7.7	6.7	7.3	7.7	7.3
TRANSFORMER (D04-1667)	8.0	6.3	7.3	8.0	8.7	6.7	7.3	7.7	7.3	6.7	8.0	7.3
VB99	7.7	6.3	7.3	8.7	8.7	6.3	7.7	8.0	7.7	6.3	8.0	7.3
1G SQUARED (APR 1664)	7.7	5.0	7.3	8.7	8.7	6.7	7.7	7.3	7.7	7.0	7.0	7.2
BRIGHTSTAR SLT	7.3	5.7	8.0	8.0	9.0	6.7	7.3	7.3	7.3	7.0	7.3	7.2
DASHER 3 (PICK RB-1)	7.7	6.3	6.7	8.0	9.0	6.3	7.3	6.7	7.3	7.7	7.7	7.2
DELAWARE XL (PICK 01-2)	7.0	5.3	7.3	8.0	8.7	6.3	7.3	7.0	8.0	6.3	8.0	7.2
HEADSTART 2	7.7	4.3	6.7	8.3	8.7	6.3	7.3	7.3	7.0	8.0	7.3	7.2
KOKOMO II (IS-PR 235)	7.0	5.7	7.3	8.3	8.3	6.7	7.0	7.3	7.7	7.3	7.0	7.2
NEXUS XD (SP4)	7.3	6.0	7.7	8.0	8.7	6.3	7.3	7.7	7.0	7.0	7.7	7.2
NOTABLE (AF)	7.7	6.3	7.7	8.0	9.0	6.7	7.3	7.3	6.7	7.3	7.7	7.2
PALMER V (RNS)	7.7	6.0	7.3	8.0	9.0	7.0	7.0	7.3	7.0	7.3	7.3	7.2
PIZZAZZ	7.7	5.3	7.0	8.3	8.7	5.7	7.7	7.7	7.3	7.3	7.7	7.2
PLEASURE SUPREME (PM 103)	7.3	6.0	8.0	8.3	9.0	7.0	7.3	7.7	7.0	6.7	7.7	7.2
PM 102	7.3	5.7	8.0	8.3	8.7	6.7	7.3	7.3	7.7	6.7	7.3	7.2
RINGER II (04-BEN)	7.7	6.7	7.0	8.3	8.7	6.0	7.7	7.3	7.3	7.0	7.7	7.2
SOPRANO (DP1)	7.0	4.7	7.3	8.7	8.7	6.7	7.3	7.0	7.3	7.0	7.7	7.2
SR 4600 (SRX 4SP)	7.7	5.0	7.7	7.7	8.0	6.7	7.3	8.3	6.7	6.0	8.0	7.2

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
APPLE GL (AAZ-B104)	7.7	5.7	7.0	8.0	8.3	7.0	7.3	7.3	6.7	6.7	7.7	7.1
CHIVALRY (APR 1648)	7.3	6.0	7.3	8.3	8.3	6.0	7.7	7.7	7.0	6.0	8.0	7.1
ASP6001 (RTS)	7.7	5.7	7.0	8.0	8.7	7.3	7.3	7.3	7.0	5.7	7.7	7.1
BARLENNIUM	7.0	5.3	7.7	8.0	9.0	6.7	7.0	7.0	7.0	7.3	7.3	7.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.3	5.0	7.7	8.0	9.0	6.7	7.3	7.3	6.7	7.0	7.7	7.1
CUTTER II (PM 101)	7.0	5.7	7.3	8.3	8.7	6.7	6.7	7.3	7.0	7.0	7.7	7.1
DEFENDER (D04-UP)	7.0	5.0	7.0	8.0	9.0	6.7	7.0	7.7	7.3	7.0	6.7	7.1
GRAND SLAM 2 (PST-2GSM)	7.3	5.0	7.0	8.0	8.3	5.7	7.3	7.7	7.0	7.0	7.7	7.1
GRAY FOX (PST-2MNG)	7.3	6.7	7.3	8.7	8.7	6.0	7.3	7.3	7.0	6.7	8.0	7.1
HAWKEYE 2 (SRX 4692)	7.0	5.3	7.7	8.3	8.7	6.0	7.3	7.7	6.7	7.3	7.3	7.1
HOMERUN (RG3P)	7.7	5.0	7.0	7.7	8.3	6.3	7.7	7.3	7.0	6.7	7.3	7.1
KEYSTONE 2 (IS-PR 312)	7.3	6.3	7.0	7.7	8.7	6.3	8.0	6.7	6.7	7.0	7.7	7.1
LINE DRIVE GLS (APR 1797)	8.0	5.0	7.7	7.7	8.7	7.0	7.0	7.3	7.0	6.7	7.3	7.1
MMW	7.0	6.3	7.0	8.7	8.7	6.0	7.3	7.0	7.3	7.3	7.3	7.1
PACESETTER II (PS-2)	7.3	5.0	6.7	7.3	8.3	6.7	8.0	7.0	6.3	6.7	7.7	7.1
PENTIUM	7.3	5.7	7.0	8.7	8.3	6.3	7.0	6.7	7.7	7.3	7.3	7.1
PHENOM (APR 1660)	7.0	6.0	7.3	8.0	9.0	6.3	7.3	7.3	7.0	7.0	7.7	7.1
PINNACLE II	7.0	6.3	8.0	8.0	8.3	7.0	7.3	7.0	7.0	7.0	7.3	7.1
PROTEGE GLR	7.7	4.3	6.7	9.0	9.0	6.0	7.0	7.7	7.3	7.0	7.3	7.1
PST-2BLK	7.7	5.3	7.7	8.0	8.3	6.3	7.3	7.7	7.3	6.3	7.3	7.1
SILVER DOLLAR	7.0	6.0	8.0	8.0	8.7	6.7	7.3	7.3	6.7	6.3	8.0	7.1
TOP GUN II (JR-324)	7.0	5.3	7.7	8.0	8.0	7.0	7.3	7.7	6.7	6.3	7.3	7.1
UNO (D04-11T)	7.7	6.0	7.7	7.7	9.0	6.7	6.7	7.7	7.0	6.3	8.0	7.1
ACCENT II (JR-119)	7.0	5.3	7.0	8.0	9.0	6.3	7.0	7.0	7.3	7.3	7.0	7.0
AMAZING GS (IS-PR 276)	7.3	5.7	7.7	7.7	8.3	6.3	7.7	7.0	6.7	6.7	7.7	7.0
CADDIESHACK II (JR-163)	7.0	5.3	7.0	7.3	8.7	5.7	7.3	7.3	7.0	7.0	7.7	7.0
ES45	7.7	5.7	7.0	7.7	8.7	6.7	7.0	7.7	6.7	6.7	7.3	7.0
INSPIRE	7.7	5.3	7.3	8.7	8.7	6.3	7.0	7.3	7.0	7.0	7.3	7.0
MANHATTAN 5 GLR (PST-2AM)	7.0	5.0	8.0	8.0	8.7	6.0	7.3	7.7	7.3	5.7	8.0	7.0
QUICKSILVER	7.0	6.3	7.7	8.0	8.7	6.7	7.3	6.3	6.7	7.0	8.0	7.0
WAYFARER (L44)	7.7	5.7	6.7	8.3	8.7	5.7	7.3	7.0	7.0	7.0	8.0	7.0
BAR LP 4420	7.7	5.3	6.7	8.3	8.3	6.3	7.0	7.0	6.7	7.0	7.3	6.9
BREA (04-BRE)	7.7	5.3	7.0	8.3	9.0	6.0	7.3	7.0	7.0	6.7	7.7	6.9
BUENA VISTA	7.3	6.3	7.0	7.3	8.0	6.0	7.3	7.3	6.7	6.7	7.7	6.9
CABO II (IS-PR 233)	7.0	5.7	7.0	7.7	8.3	6.0	7.7	7.3	6.3	7.0	7.0	6.9
DART (APR 1663)	7.7	5.7	7.3	8.0	8.0	6.7	7.0	7.3	6.7	6.3	7.3	6.9
DP 17-9788	7.3	6.3	8.0	8.0	8.7	6.7	7.3	7.3	6.7	6.0	7.7	6.9
GOALKEEPER II (JR-114)	7.0	4.7	7.3	8.0	8.7	6.3	6.7	7.3	6.7	7.0	7.7	6.9
HALO (KN42)	7.0	6.0	5.7	8.3	8.7	5.7	7.0	7.3	7.3	7.0	7.3	6.9
HARRIER (SRX 4UP3)	7.0	6.0	7.3	7.7	8.3	6.3	6.7	7.3	6.7	7.0	7.7	6.9
MONTEREY 3 (JR-408)	6.7	5.3	7.0	8.7	8.3	5.7	6.7	7.3	7.3	7.3	7.3	6.9
OVERDRIVE	7.0	5.7	6.3	8.0	8.3	6.0	6.7	7.0	7.3	7.0	7.3	6.9
PLATEAU (PST-2LAN)	7.0	5.7	7.7	8.0	8.3	6.0	7.0	6.7	7.3	7.3	7.3	6.9
PST-217	7.0	5.3	7.0	8.0	8.3	6.3	7.3	7.3	6.3	6.7	7.7	6.9
PST-2AG4	7.0	6.3	8.3	8.0	8.7	6.3	7.3	7.3	6.3	6.7	7.3	6.9
BAR LP 4920	7.0	7.0	7.0	8.0	7.7	6.3	7.0	7.0	7.0	7.0	6.3	6.8
FUSION	7.0	6.0	7.3	7.7	8.0	6.7	7.0	7.3	6.7	6.3	7.0	6.8

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
 2009 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	MAY	JUN	QUALITY RATINGS				SEP	OCT	MEAN
LS 2300 (APR 1670)	7.3	6.3	7.7	8.0	8.7	6.3	7.0	7.0	7.0	6.7	6.7	6.7	6.7	6.8
PALMER III	7.0	7.0	7.7	7.7	8.0	6.3	7.0	8.0	6.0	6.3	7.0	7.0	6.8	6.8
PRIMARY (IS-PR 269)	7.3	6.0	6.7	8.0	8.3	6.0	7.0	6.7	6.7	7.0	7.7	6.8	6.8	6.8
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	6.3	8.0	7.3	8.3	6.3	7.3	8.0	6.0	6.0	7.0	6.8	6.8	6.8
CALYPSO 3 (MS2)	7.0	5.3	7.7	8.0	8.3	6.3	7.0	7.0	6.7	6.3	7.0	6.7	6.7	6.7
GRAY STAR (PST-2LGL)	7.0	5.0	6.7	7.7	8.7	6.0	6.7	6.7	6.7	6.3	7.7	6.7	6.7	6.7
PINNACLE	7.3	5.7	7.0	8.3	7.7	5.7	7.3	6.3	6.7	6.7	7.3	6.7	6.7	6.7
PREMIER II	7.0	6.3	7.7	8.0	8.7	6.3	6.7	7.0	6.7	7.0	6.7	6.7	6.7	6.7
PRESIDIO (CNV)	6.7	5.3	8.0	8.3	8.7	6.0	6.3	7.7	6.7	6.7	7.0	6.7	6.7	6.7
REPELL GLS	7.3	6.0	7.3	8.0	8.0	6.7	6.7	7.0	6.7	6.7	6.7	6.7	6.7	6.7
REVENGE GLX (JR-348)	6.7	4.7	7.3	8.7	8.3	5.7	7.0	7.0	7.0	6.3	7.0	6.7	6.7	6.7
SUNSHINE 2	6.7	5.7	7.7	8.0	8.3	6.0	6.7	7.0	6.7	7.0	7.0	6.7	6.7	6.7
LPR 02203	6.7	7.0	8.3	8.0	8.3	6.3	6.0	7.0	6.7	6.7	6.7	6.7	6.7	6.6
PANTHER	6.7	6.7	8.0	8.0	9.0	6.0	6.0	7.0	6.7	7.0	6.3	6.5	6.5	6.5
D04-LP05	6.3	6.7	7.3	7.7	8.7	6.0	6.3	6.7	6.3	6.7	6.7	6.4	6.4	6.4
PANTHER GLS	6.7	5.7	6.7	7.7	7.7	5.7	6.7	6.3	6.7	7.0	6.3	6.4	6.4	6.4
PIANIST (DP 17-9505)	7.3	5.3	8.0	6.7	8.7	6.0	6.7	7.3	5.3	6.7	6.7	6.4	6.4	6.4
BAR LP 4317	6.7	6.0	6.7	8.0	8.3	6.0	6.7	7.0	6.3	5.7	6.3	6.3	6.3	6.3
SRX 4682	6.7	4.3	7.7	8.0	8.0	6.3	6.0	6.7	6.7	6.3	6.0	6.3	6.3	6.3
BACCARAT (RAD-PR8)	6.3	8.0	7.7	8.0	8.7	6.0	6.3	5.7	6.7	6.7	6.0	6.2	6.2	6.2
CITATION FORE	6.3	5.7	7.7	8.0	8.0	6.0	5.7	6.7	6.7	5.7	6.7	6.2	6.2	6.2
PREMIER	6.0	6.0	7.3	8.3	8.0	5.3	6.3	6.7	6.3	6.0	6.3	6.2	6.2	6.2
AFFINITY	6.7	5.7	7.7	8.0	8.7	6.0	6.0	6.7	6.3	5.7	5.7	6.1	6.1	6.1
E-99	6.3	4.7	6.7	8.0	8.3	5.3	6.0	6.0	6.0	6.0	6.7	6.0	6.0	6.0
LINN	5.7	5.3	6.0	7.0	6.0	4.0	4.7	5.3	4.3	5.0	5.3	4.8	4.8	4.8
LSD VALUE	2.7	5.0	2.9	3.0	1.5	3.6	2.8	1.7	2.5	4.2	1.5	1.3	1.3	1.3
C.V. (%)	10.8	19.5	10.7	8.0	6.7	13.2	12.1	9.2	11.7	14.2	9.7	7.9	7.9	7.9

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

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

TABLE 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (TRAFFIC STUDY), NE 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TR47	8.3	5.7	7.7	9.0	8.3	6.7	8.0	7.7	7.7	8.0	8.7	7.8
ASP6003 (TRS)	8.0	4.3	7.0	9.0	8.3	7.0	8.0	7.7	7.7	8.0	7.7	7.7
ASP6004 (EXS54)	7.7	6.0	7.7	9.0	8.7	7.0	8.0	7.7	7.7	7.7	8.0	7.7
FIJI (GPR)	8.0	5.7	7.7	8.7	8.3	6.7	8.0	7.7	7.7	8.3	8.0	7.7
CHIVALRY (APR 1648)	7.7	5.3	7.0	9.0	8.7	7.0	7.7	7.3	8.0	7.7	8.0	7.6
ASP6005 (AJM)	7.7	6.7	8.0	9.0	8.3	7.0	8.0	7.7	7.3	7.7	8.0	7.6
EXACTA II GLSR (LTP-611-GLSR)	7.3	5.7	7.3	8.7	8.3	6.7	7.7	7.3	7.3	8.0	8.3	7.6
FIESTA 4 (PICK F4)	7.7	5.3	7.0	9.0	8.0	6.3	8.0	7.7	7.7	7.7	8.0	7.6
FIREBOLT (PRG HS-01-09)	7.7	5.7	7.3	9.0	8.3	6.7	8.0	7.7	8.0	7.7	7.7	7.6
NEXUS XR (SNR)	7.3	5.3	8.0	9.0	8.7	6.7	7.7	7.3	7.7	7.7	8.3	7.6
PALACE (IS-PR 273)	8.0	5.0	7.3	8.3	8.3	6.7	8.0	7.7	7.3	8.0	8.0	7.6
PALMER IV	7.7	5.7	7.7	8.7	8.3	6.7	7.3	7.7	8.0	8.0	8.0	7.6
PICK 02-R	7.7	5.3	7.7	8.7	9.0	6.7	8.0	7.7	7.7	7.7	8.0	7.6
SR 4600 (SRX 4SP)	8.0	5.0	7.3	8.3	8.3	6.7	7.7	7.3	7.3	8.0	8.7	7.6
TRANSFORMER (D04-1667)	8.0	4.7	6.7	9.0	8.7	6.7	7.7	7.7	8.0	8.0	7.7	7.6
VB99	8.3	5.7	7.0	8.7	8.7	7.0	7.7	7.0	7.7	8.0	8.0	7.6
WIND DANCE 2 (PWDR)	8.0	6.3	7.7	8.3	8.3	6.7	8.0	7.7	7.0	8.0	8.0	7.6
ZOOM (LCK)	7.7	5.3	7.3	8.7	8.3	6.7	7.3	7.7	7.3	8.0	8.3	7.6
ASP6001 (RTS)	7.7	6.3	8.0	8.7	8.7	7.0	7.7	7.3	7.3	8.0	7.7	7.5
ASP6006 (LPFG)	8.0	6.0	8.0	8.7	8.7	6.7	7.7	7.7	7.3	8.0	7.7	7.5
DART (APR 1663)	7.7	5.0	7.3	9.0	8.7	6.7	7.7	7.7	7.3	8.0	7.7	7.5
DERBY XTREME (IS-PR 268)	7.7	4.0	7.0	8.7	8.3	7.0	7.3	7.0	7.3	8.3	8.0	7.5
HOMERUN (RG3P)	8.0	5.3	8.0	8.3	8.7	7.0	7.7	7.3	7.7	7.3	8.0	7.5
LA QUINTA (JR-255)	8.3	5.7	7.7	8.3	8.3	6.7	8.0	7.7	7.0	8.0	7.7	7.5
PROTEGE GLR	7.3	4.3	7.3	8.7	8.7	5.7	8.0	7.3	7.7	8.0	8.3	7.5
REGAL 5 (IS-PR 271)	7.7	5.0	7.7	8.3	8.3	6.7	8.0	7.7	6.7	8.0	8.0	7.5
UNO (D04-11T)	7.3	5.7	7.0	9.0	8.3	6.7	7.7	7.0	8.0	7.7	8.0	7.5
ATTRIBUTE (IS-PR 270)	8.3	4.7	7.3	8.3	8.0	7.0	8.0	7.3	6.7	8.0	7.7	7.4
BREA (04-BRE)	7.7	5.3	7.3	9.0	8.3	6.7	7.3	7.3	7.7	7.3	8.0	7.4
BRIGHTSTAR SLT	7.3	5.3	7.3	8.7	8.7	6.3	7.3	8.0	7.3	7.3	8.3	7.4
BUENA VISTA	7.7	4.7	6.7	9.0	8.3	6.3	8.0	7.3	7.3	8.0	7.7	7.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.7	5.3	7.0	9.0	8.3	6.3	7.3	6.7	8.0	8.0	8.0	7.4
DP 17-9788	7.7	5.3	7.3	9.0	8.3	7.0	7.3	7.3	7.7	7.7	7.3	7.4
FOREVER (DP 17-9499)	7.7	5.7	7.7	8.3	8.3	7.0	7.7	7.3	6.7	7.7	8.0	7.4
HALO (KN42)	7.3	5.3	7.0	8.0	8.3	6.3	8.0	7.3	7.0	7.7	8.0	7.4
HAWKEYE 2 (SRX 4692)	6.7	4.7	7.7	9.0	8.3	6.0	7.7	7.7	7.3	7.7	8.0	7.4
MAJESTY II (VB77)	8.0	4.0	6.7	8.3	8.7	6.0	8.0	7.7	7.3	7.7	7.7	7.4
PALMER GLS (GL-2)	7.3	6.0	7.7	9.0	8.3	7.0	7.7	7.3	7.3	7.3	8.0	7.4
PALMER V (RNS)	7.0	6.0	7.7	9.0	8.3	6.7	7.3	7.3	7.0	7.7	8.3	7.4
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	5.7	7.3	9.0	8.3	6.3	7.7	7.3	7.3	8.0	8.0	7.4
ALLSTAR 3 (IS-PR 274)	8.0	4.3	6.0	9.0	8.7	5.7	8.0	7.0	7.3	7.7	8.3	7.3
AMAZING GS (IS-PR 276)	7.3	5.7	8.0	8.7	8.7	7.0	7.3	6.7	7.0	7.7	8.0	7.3
ASP6002 (BPR)	7.7	6.0	7.7	8.7	8.7	6.7	7.7	7.3	7.0	7.3	7.7	7.3
BARLENNIUM	7.3	5.7	7.7	9.0	8.3	6.0	7.3	7.3	7.7	8.0	7.7	7.3
CADDIESHACK II (JR-163)	7.0	5.7	7.3	8.3	8.7	6.3	7.3	7.0	7.3	8.0	7.7	7.3
DELAWARE XL (PICK 01-2)	7.7	4.7	7.3	8.7	8.0	6.7	7.7	7.3	7.3	7.3	7.7	7.3
ES45	6.7	5.0	7.3	9.0	8.0	6.0	7.7	7.7	7.3	8.0	7.3	7.3

TABLE 11. (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/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
GALATTI (DP 17-9502)	7.0	4.7	7.3	8.7	8.7	6.7	7.7	8.0	6.3	7.7	7.7	7.3
HEADSTART 2	8.0	5.0	7.3	8.3	8.3	6.3	7.7	7.0	7.3	7.7	8.0	7.3
LINE DRIVE GLS (APR 1797)	7.7	6.0	7.0	9.0	8.3	6.7	7.7	7.0	7.3	7.7	7.3	7.3
MMW	7.0	5.7	7.0	8.7	8.3	6.0	7.7	7.7	7.3	7.3	7.7	7.3
NOTABLE (AF)	7.3	6.0	7.7	9.0	8.3	6.3	7.3	7.7	7.3	7.7	7.7	7.3
OVERDRIVE	7.0	5.0	7.7	9.0	8.0	6.7	7.0	7.7	7.3	7.3	8.0	7.3
PARAGON GLR	7.3	5.3	7.7	9.0	8.7	6.3	7.7	6.7	7.3	7.7	8.0	7.3
PINNACLE	7.0	6.0	7.0	9.0	8.7	6.7	7.3	7.3	7.3	7.7	7.7	7.3
PINNACLE II	7.3	5.0	7.3	8.3	8.0	6.3	7.7	6.3	7.3	8.3	8.0	7.3
PIZZAZZ	7.0	6.0	7.7	9.0	8.7	6.3	7.7	7.3	7.0	8.0	7.7	7.3
PROTOTYPE (DCM)	7.7	6.3	7.7	9.0	8.3	6.3	7.7	7.3	7.3	8.0	7.3	7.3
PST-217	6.7	5.7	7.0	9.0	8.0	6.0	7.3	7.7	7.3	7.7	8.0	7.3
STELLAR GL (IS-PR 236)	8.0	5.3	7.0	8.0	8.0	6.3	7.7	7.3	7.0	7.3	8.0	7.3
1G SQUARED (APR 1664)	7.3	4.0	7.3	8.3	8.7	6.3	7.7	7.7	6.7	7.3	7.3	7.2
APPLE GL (AAZ-B104)	7.0	5.3	7.7	9.0	8.7	5.7	7.3	7.3	7.3	7.3	8.0	7.2
BAR LP 4420	7.0	5.3	7.7	8.0	8.3	6.7	7.7	7.3	7.0	7.0	7.7	7.2
CABO II (IS-PR 233)	7.0	5.7	7.0	9.0	8.0	6.0	7.0	7.3	7.3	7.7	7.7	7.2
CUTTER II (PM 101)	7.7	4.7	7.3	9.0	8.3	6.0	7.3	7.0	7.3	8.0	7.7	7.2
EDGE II (AC2)	7.3	5.3	7.0	8.7	8.7	6.3	8.0	7.3	6.7	7.3	7.7	7.2
FUSION	7.3	4.7	7.0	9.0	8.0	6.3	7.0	7.0	7.7	7.7	7.7	7.2
GRAY FOX (PST-2MNG)	7.7	6.7	7.3	8.7	8.7	6.3	8.0	7.0	6.7	7.7	7.7	7.2
HARRIER (SRX 4UP3)	7.3	4.7	7.0	9.0	8.7	6.3	7.3	7.3	7.3	7.7	7.3	7.2
LS 2300 (APR 1670)	7.0	5.3	7.3	9.0	8.3	6.3	7.7	7.0	7.3	7.7	7.3	7.2
MACH I	8.0	4.7	6.7	9.0	8.3	5.7	7.7	7.3	7.0	8.0	7.7	7.2
MANHATTAN 5 GLR (PST-2AM)	6.7	5.0	7.0	8.7	8.0	6.0	7.7	7.3	7.0	8.0	7.3	7.2
NEXUS XD (SP4)	7.3	5.7	7.0	9.0	8.7	6.7	7.0	7.0	7.7	7.3	7.7	7.2
PENTIUM	7.3	5.7	7.0	8.7	8.3	6.3	7.0	7.3	7.3	7.7	7.7	7.2
PHENOM (APR 1660)	7.3	5.0	7.3	8.7	8.0	6.3	7.3	7.7	6.7	7.3	8.0	7.2
PREMIER II	7.0	6.0	7.7	8.7	8.3	6.3	7.3	7.3	7.3	7.0	7.7	7.2
PRIMARY (IS-PR 269)	7.3	4.3	6.3	9.0	8.3	6.3	7.3	7.0	7.3	7.7	7.7	7.2
PST-2BLK	7.3	6.3	7.7	9.0	8.3	6.0	7.0	7.0	7.0	8.0	8.0	7.2
QUICKSILVER	7.0	5.3	7.0	7.7	8.3	6.7	7.0	7.7	6.3	7.7	8.0	7.2
REPELL GLS	7.0	5.3	6.7	8.7	8.3	6.0	7.7	7.3	7.3	7.7	7.3	7.2
RINGER II (04-BEN)	7.3	6.3	8.0	9.0	8.3	6.7	7.0	7.0	7.3	7.3	7.7	7.2
SILVER DOLLAR	7.3	5.7	7.3	9.0	8.3	6.3	7.7	7.0	7.0	7.7	7.7	7.2
TOP GUN II (JR-324)	7.3	4.3	7.0	9.0	8.3	5.7	7.0	7.7	7.3	8.0	7.7	7.2
DASHER 3 (PICK RB-1)	7.0	5.3	7.7	8.7	8.7	6.3	7.3	7.0	6.7	7.3	8.0	7.1
INSPIRE	7.3	6.3	7.7	8.7	8.3	6.0	7.3	7.3	7.3	7.0	7.3	7.1
KEYSTONE 2 (IS-PR 312)	7.3	4.7	7.7	8.3	8.0	6.3	7.3	6.7	7.0	7.7	7.3	7.1
KOKOMO II (IS-PR 235)	7.0	5.0	7.3	9.0	8.0	6.3	7.0	7.0	7.7	7.3	7.0	7.1
MONTEREY 3 (JR-408)	7.3	4.3	6.7	8.7	8.0	6.3	7.3	7.0	7.0	7.3	7.7	7.1
PST-2AG4	7.7	5.0	6.7	8.0	8.7	6.0	7.7	7.3	6.7	7.3	7.7	7.1
SOPRANO (DP1)	7.3	5.0	6.3	9.0	8.3	5.7	7.7	7.3	7.3	7.3	7.3	7.1
WAYFARER (L44)	7.3	5.3	6.3	8.7	8.7	5.3	7.7	7.7	7.3	7.3	7.3	7.1
ACCENT II (JR-119)	7.7	5.7	7.3	9.0	8.3	6.0	7.0	7.0	7.0	7.7	7.3	7.0
CALYPSO 3 (MS2)	7.3	6.3	7.7	8.3	8.0	6.3	7.0	7.0	7.3	7.3	7.0	7.0
DEFENDER (D04-UP)	7.3	5.3	7.0	8.7	8.3	6.3	7.3	7.0	7.0	7.3	7.0	7.0

TABLE 11. (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/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS						MEAN
						MAY	JUN	JUL	AUG	SEP	OCT	
GRAND SLAM 2 (PST-2GSM)	7.0	5.0	7.7	9.0	8.7	6.0	7.0	7.0	7.0	7.7	7.3	7.0
PACESETTER II (PS-2)	7.0	4.7	6.0	8.0	8.0	5.3	7.7	7.0	6.3	7.7	8.0	7.0
PALMER III	7.3	5.3	7.0	8.0	8.0	5.7	7.3	7.3	6.7	7.7	7.3	7.0
PLATEAU (PST-2LAN)	7.0	4.7	7.7	8.7	8.3	6.7	7.3	7.0	6.7	7.3	7.0	7.0
PM 102	7.7	5.0	7.0	8.7	8.3	6.0	7.3	7.0	6.7	7.3	7.7	7.0
BAR LP 4317	6.7	5.7	7.3	8.7	8.3	5.7	6.7	7.0	7.3	7.7	7.0	6.9
GOALKEEPER II (JR-114)	7.0	5.7	7.3	9.0	8.0	5.7	7.0	7.0	7.3	7.7	7.0	6.9
GRAY STAR (PST-2LGL)	7.3	5.0	6.7	8.3	8.0	6.3	7.0	7.0	7.0	7.3	7.0	6.9
PRESIDIO (CNV)	6.7	5.7	7.3	9.0	8.0	5.7	7.0	7.0	7.0	7.3	7.3	6.9
SUNSHINE 2	6.7	5.3	7.7	8.7	8.3	5.7	7.0	7.3	7.0	7.3	7.0	6.9
PIANIST (DP 17-9505)	7.0	5.3	7.0	8.0	8.0	6.3	6.7	7.0	6.3	7.3	7.0	6.8
LPR 02203	7.0	5.3	7.0	9.0	8.3	5.7	6.7	7.0	7.0	7.3	6.7	6.7
REVENGE GLX (JR-348)	7.0	5.0	7.3	8.7	8.0	5.7	6.7	6.3	7.0	7.3	7.0	6.7
BAR LP 4920	7.0	5.7	7.3	8.3	8.7	6.0	7.3	7.3	5.0	6.7	7.0	6.6
CITATION FORE	7.0	5.7	7.7	8.3	8.3	5.7	6.7	6.7	6.3	7.0	7.3	6.6
D04-LP05	6.3	5.3	6.7	8.3	8.0	5.7	6.3	6.3	7.0	7.3	6.7	6.6
PANTHER GLS	6.3	6.0	7.7	8.7	8.0	6.0	6.3	6.3	7.3	7.0	6.7	6.6
PLEASURE SUPREME (PM 103)	7.0	5.3	7.0	8.3	8.0	6.0	6.7	6.7	6.0	7.0	7.0	6.6
SRX 4682	7.0	4.7	6.3	8.3	7.7	5.0	6.7	6.3	6.7	6.7	7.3	6.4
AFFINITY	6.3	4.7	7.0	8.3	7.7	5.3	6.7	6.0	6.7	6.7	6.7	6.3
PANTHER	5.7	6.7	7.7	7.7	8.3	5.7	6.7	6.0	6.0	7.3	6.3	6.3
BACCARAT (RAD-PR8)	6.7	6.0	7.7	8.3	7.7	5.3	6.7	6.3	6.3	6.7	5.7	6.2
PREMIER	6.0	6.0	7.7	9.0	8.0	5.7	6.0	6.0	6.7	6.7	6.0	6.2
E-99	6.0	5.0	6.0	7.7	6.3	5.3	6.0	5.3	5.0	7.0	6.7	5.9
LINN	4.7	4.3	5.7	7.3	5.0	4.3	4.7	5.3	4.7	5.7	6.3	5.2
LSD VALUE	2.2	6.0	2.5	1.4	1.3	2.2	1.7	1.4	2.0	2.6	1.7	1.1
C.V. (%)	11.0	20.9	10.1	6.2	7.1	11.8	9.7	8.9	10.9	8.8	9.4	7.0

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 12. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	MEAN
UNO (D04-11T)	6.7	6.7	6.7	7.0	6.8
APPLE GL (AAZ-B104)	7.0	7.0	6.0	5.7	6.4
HOMERUN (RG3P)	5.3	7.0	6.7	6.7	6.4
AMAZING GS (IS-PR 276)	6.7	6.7	6.0	5.7	6.3
DERBY XTREME (IS-PR 268)	6.3	7.0	6.0	5.7	6.3
PALMER IV	6.7	6.0	5.7	6.7	6.3
PALMER V (RNS)	6.3	6.3	6.3	6.0	6.3
SR 4600 (SRX 4SP)	6.3	6.7	6.3	6.0	6.3
PRIMARY (IS-PR 269)	6.0	6.7	6.3	5.7	6.2
FIESTA 4 (PICK F4)	6.7	6.3	5.7	5.7	6.1
KEYSTONE 2 (IS-PR 312)	5.7	6.0	6.0	6.7	6.1
ALLSTAR 3 (IS-PR 274)	6.0	5.3	6.3	6.3	6.0
GRAND SLAM 2 (PST-2GSM)	6.0	6.3	6.0	5.3	5.9
KOKOMO II (IS-PR 235)	5.7	6.0	6.3	5.7	5.9
REVENGE GLX (JR-348)	6.0	5.7	5.7	6.3	5.9
DART (APR 1663)	5.7	5.7	6.0	5.7	5.8
LINE DRIVE GLS (APR 1797)	5.7	5.3	5.7	6.3	5.8
PALACE (IS-PR 273)	6.0	6.0	5.7	5.7	5.8
PALMER GLS (GL-2)	5.0	6.0	6.3	6.0	5.8
PLEASURE SUPREME (PM 103)	5.0	5.7	5.7	6.7	5.8
ZOOM (LCK)	6.0	6.3	5.0	5.7	5.8
NOTABLE (AF)	5.0	6.3	6.3	5.0	5.7
PINNACLE II	5.3	5.7	6.7	5.0	5.7
PST-2BLK	5.3	5.7	5.7	6.0	5.7
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	5.0	6.0	6.3	5.7
TRANSFORMER (D04-1667)	5.3	6.0	5.3	6.0	5.7
ATTRIBUTE (IS-PR 270)	4.3	7.0	5.3	5.7	5.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.3	5.3	6.0	5.7	5.6
HAWKEYE 2 (SRX 4692)	5.3	4.7	6.0	6.3	5.6
REGAL 5 (IS-PR 271)	6.0	6.3	5.3	4.7	5.6
ASP6003 (TRS)	6.3	5.0	5.3	5.3	5.5
CALYPSO 3 (MS2)	6.0	5.3	5.7	5.0	5.5
E-99	5.3	5.0	5.3	6.3	5.5
CHIVALRY (APR 1648)	5.0	5.3	6.0	5.3	5.4
DEFENDER (D04-UP)	5.7	5.3	5.3	5.3	5.4
HARRIER (SRX 4UP3)	5.3	5.7	5.3	5.3	5.4
INSPIRE	5.3	4.7	5.7	6.0	5.4
MANHATTAN 5 GLR (PST-2AM)	5.3	4.7	6.0	5.5	5.4
MMW	5.0	5.7	5.3	6.0	5.4
PARAGON GLR	5.3	5.7	5.3	5.3	5.4
SILVER DOLLAR	5.7	4.7	5.3	6.0	5.4
1G SQUARED (APR 1664)	5.3	5.3	5.0	5.3	5.3
DASHER 3 (PICK RB-1)	5.3	5.3	5.7	4.7	5.3
EXACTA II GLSR (LTP-611-GLSR)	4.7	5.7	4.7	6.0	5.3
FUSION	4.7	6.0	5.3	5.3	5.3
GRAY STAR (PST-2LGL)	5.7	5.0	5.3	5.3	5.3
HEADSTART 2	6.0	5.0	5.3	4.7	5.3

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	MEAN
MACH I	5.3	5.0	5.3	5.3	5.3
PST-2AG4	5.7	5.3	5.3	5.0	5.3
ACCENT II (JR-119)	5.3	5.3	5.3	4.7	5.2
BREA (04-BRE)	6.0	6.0	4.7	4.0	5.2
BUENA VISTA	5.0	6.0	5.7	4.0	5.2
FOREVER (DP 17-9499)	5.7	5.0	5.7	4.3	5.2
GALATTI (DP 17-9502)	5.3	5.3	5.3	4.7	5.2
BACCARAT (RAD-PR8)	4.7	5.0	5.0	5.7	5.1
CITATION FORE	5.0	5.3	5.0	5.0	5.1
CUTTER II (PM 101)	5.0	5.3	5.7	4.3	5.1
DELAWARE XL (PICK 01-2)	6.0	4.7	5.0	4.7	5.1
PROTOTYPE (DCM)	5.3	5.3	5.3	4.3	5.1
SOPRANO (DP1)	5.3	5.7	5.0	4.3	5.1
ASP6006 (LPFG)	5.3	5.0	5.0	4.7	5.0
BAR LP 4920	4.7	5.0	5.0	5.3	5.0
FIREBOLT (PRG HS-01-09)	5.0	6.0	4.3	4.7	5.0
OVERDRIVE	5.0	6.0	5.0	4.0	5.0
PANTHER GLS	5.0	4.7	5.3	5.0	5.0
PENTIUM	4.3	5.7	5.0	5.0	5.0
PROTEGE GLR	5.0	6.3	5.0	3.7	5.0
QUICKSILVER	5.0	5.0	5.7	4.3	5.0
RINGER II (04-BEN)	5.7	5.0	5.0	4.3	5.0
STELLAR GL (IS-PR 236)	5.0	6.0	5.0	4.0	5.0
TOP GUN II (JR-324)	4.7	4.7	5.3	5.3	5.0
PACESETTER II (PS-2)	4.3	5.0	5.3	5.0	4.9
PLATEAU (PST-2LAN)	4.3	4.7	5.0	5.7	4.9
REPELL GLS	5.0	6.0	5.0	3.7	4.9
WIND DANCE 2 (PWDR)	5.0	4.7	5.3	4.7	4.9
ASP6004 (EXS54)	5.0	5.0	4.7	4.3	4.8
ES45	4.7	5.0	4.3	5.0	4.8
GOALKEEPER II (JR-114)	5.3	4.3	5.0	4.3	4.8
GRAY FOX (PST-2MNG)	5.3	3.7	5.3	5.0	4.8
PANTHER	4.0	4.7	5.7	4.7	4.8
PREMIER II	4.3	4.0	5.7	5.0	4.8
PST-217	5.0	5.3	4.7	4.0	4.8
SRX 4682	5.0	3.7	5.0	6.0	4.8
MAJESTY II (VB77)	4.7	5.0	5.0	4.0	4.7
TR47	5.3	4.7	4.0	4.7	4.7
EDGE II (AC2)	4.7	5.3	4.7	3.7	4.6
LS 2300 (APR 1670)	4.7	4.3	5.0	4.3	4.6
PALMER III	4.7	5.0	4.3	4.3	4.6
PIANIST (DP 17-9505)	4.7	4.0	5.3	4.3	4.6
PM 102	4.7	4.3	4.3	5.0	4.6
BAR LP 4420	4.7	3.7	5.0	4.7	4.5
NEXUS XD (SP4)	4.7	5.0	3.7	4.7	4.5
PHENOM (APR 1660)	4.3	4.7	4.3	4.5	4.5
PINNACLE	3.7	5.0	4.7	4.7	4.5

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2009 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	MEAN
ASP6001 (RTS)	5.0	4.0	4.7	4.0	4.4
ASP6002 (BPR)	4.7	4.3	4.7	4.0	4.4
ASP6005 (AJM)	5.0	4.7	4.3	3.7	4.4
BAR LP 4317	4.3	4.7	4.7	4.0	4.4
BRIGHTSTAR SLT	4.3	3.7	5.0	4.7	4.4
CADDIESHACK II (JR-163)	4.3	4.7	5.0	3.7	4.4
D04-LP05	4.7	3.7	4.0	5.3	4.4
FIJI (GPR)	4.7	4.7	4.3	4.0	4.4
PICK 02-R	5.0	4.3	4.0	4.3	4.4
PIZZAZZ	4.7	4.3	4.7	4.0	4.4
WAYFARER (L44)	5.3	3.3	5.0	4.0	4.4
BARLENNIUM	4.3	3.0	4.7	5.0	4.3
DP 17-9788	4.0	3.3	4.3	5.3	4.3
HALO (KN42)	4.7	4.3	4.3	4.0	4.3
LA QUINTA (JR-255)	5.0	3.3	4.7	4.3	4.3
PRESIDIO (CNV)	5.0	4.0	4.3	4.0	4.3
PREMIER	3.7	4.3	4.0	4.7	4.2
SUNSHINE 2	5.0	3.7	4.0	4.0	4.2
CABO II (IS-PR 233)	4.0	4.7	4.7	3.0	4.1
NEXUS XR (SNR)	4.0	4.7	4.3	3.0	4.1
VB99	4.7	4.0	4.0	3.3	4.0
AFFINITY	3.7	3.7	3.7	4.0	3.8
LPR 02203	3.7	3.7	3.7	3.3	3.6
MONTEREY 3 (JR-408)	3.7	3.7	3.3	3.7	3.6
LINN	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.8	1.6	1.7	2.3	1.1
C.V. (%)	18.2	18.2	17.7	22.9	13.0

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

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

TABLE 13.

WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF CANOPY RECEIVED TRAFFIC IN FALL					WEAR TOLERANCE		RECOVERY	RECOVERY
	SEP 15 PRE-WEAR	SEP 18 24 PASSES	SEP 29 12 DAW*/	OCT 13 26 DAW*/	OCT 29 42 DAW	SEP 18 24 PASSES	OCT 13 26 DAW	OCT 13 26 DAW	OCT 30 43 DAW
PINNACLE	81.7	28.3	35.0	58.3	73.3	3.0	6.7	8.7	
DP 17-9788	88.3	40.0	43.3	61.7	80.0	4.7	6.7	8.0	
PANTHER GLS	90.0	48.3	55.0	63.3	75.0	5.7	6.7	8.0	
AFFINITY	71.7	28.3	33.3	45.0	70.0	2.7	5.3	7.7	
BARLENNIUM	83.3	35.0	40.0	46.7	65.0	4.3	5.0	7.7	
PLATEAU (PST-2LAN)	85.0	50.0	53.3	66.7	76.7	6.0	7.3	7.7	
SILVER DOLLAR	91.3	50.0	53.3	61.7	76.7	6.0	6.3	7.7	
CITATION FORE	85.0	46.7	40.0	51.7	68.3	5.3	5.7	7.3	
CHIVALRY (APR 1648)	88.3	38.3	45.0	51.7	65.0	4.0	5.7	7.0	
HAWKEYE 2 (SRX 4692)	94.3	41.7	38.3	51.7	70.0	5.3	5.7	7.0	
BRIGHTSTAR SLT	81.7	46.7	48.3	51.7	63.3	5.7	6.0	6.7	
PALMER III	81.7	45.0	45.0	51.7	68.3	5.0	6.0	6.7	
BAR LP 4920	85.0	33.3	33.3	45.0	58.3	3.0	4.7	6.3	
CHARISMATIC II GLSR (LTP-PG-GLSR)	86.7	50.0	46.7	55.0	70.0	5.7	6.0	6.3	
DO4-LP05	78.3	41.7	48.3	51.7	58.3	4.7	5.0	6.3	
PREMIER II	90.0	38.3	38.3	50.0	61.7	5.0	5.3	6.3	
PST-217	83.3	40.0	41.7	48.3	60.0	5.3	5.3	6.3	
SRX 4682	91.3	40.0	43.3	55.0	66.7	4.7	6.3	6.3	
BREA (04-BRE)	78.3	33.3	35.0	36.7	56.7	4.3	4.7	6.0	
DART (APR 1663)	86.7	40.0	38.3	43.3	65.0	4.3	4.3	6.0	
ES45	83.3	40.0	41.7	45.0	66.7	5.0	4.7	6.0	
LPR 02203	75.0	21.7	28.3	41.7	58.3	2.3	5.3	6.0	
LS 2300 (APR 1670)	78.3	40.0	38.3	43.3	65.0	4.3	4.3	6.0	
MACH I	85.0	56.7	51.7	56.7	65.0	6.0	5.7	6.0	
PLEASURE SUPREME (PM 103)	88.0	38.3	35.0	36.7	46.7	3.7	2.7	6.0	
PST-2AG4	85.0	38.3	41.7	50.0	60.0	5.0	5.0	6.0	
TR47	78.3	38.3	41.7	45.0	56.7	4.7	4.3	6.0	
WIND DANCE 2 (PWDR)	80.0	48.3	45.0	48.3	61.7	6.0	5.3	6.0	
1G SQUARED (APR 1664)	90.0	38.3	38.3	43.3	53.3	4.0	4.7	5.7	
ACCENT II (JR-119)	85.0	33.3	35.0	41.7	60.0	4.0	4.3	5.7	
FIREBOLT (PRG HS-01-09)	81.7	40.0	36.7	38.3	51.7	4.3	4.0	5.7	
FOREVER (DP 17-9499)	76.7	38.3	35.0	40.0	58.3	4.7	3.7	5.7	
MANHATTAN 5 GLR (PST-2AM)	85.0	40.0	40.0	45.0	56.7	4.3	4.0	5.7	
MMW	86.7	41.7	38.3	46.7	63.3	4.3	5.0	5.7	
PACESETTER II (PS-2)	81.7	46.7	41.7	46.7	60.0	6.3	5.3	5.7	
PANTHER	90.0	38.3	38.3	43.3	60.0	4.0	4.3	5.7	
PREMIER	75.0	31.7	31.7	43.3	66.7	3.0	4.3	5.7	
REVENGE GLX (JR-348)	83.3	38.3	40.0	48.3	63.3	5.3	4.7	5.7	
SECRETARIAT II GLSR (LTP-101-GLSR)	90.0	41.7	43.3	48.3	68.3	4.0	5.3	5.7	
E-99	93.3	43.3	41.7	48.3	66.7	5.0	5.3	5.3	
FIJI (GPR)	80.0	48.3	46.7	46.7	58.3	5.3	5.0	5.3	
GALATTI (DP 17-9502)	88.0	40.0	38.3	46.7	63.3	4.7	4.7	5.3	
HALO (KN42)	80.0	41.7	41.7	50.0	61.7	3.7	5.0	5.3	
HEADSTART 2	80.0	41.7	41.7	45.0	58.3	5.3	4.3	5.3	
LINE DRIVE GLS (APR 1797)	94.3	40.0	38.3	45.0	58.3	5.0	4.3	5.3	
MONTEREY 3 (JR-408)	66.7	31.7	41.7	48.3	58.3	3.7	5.0	5.3	
WAYFARER (L44)	71.7	38.3	36.7	40.0	55.0	3.3	4.0	5.3	

TABLE 13. (CONT'D)

WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF CANOPY RECEIVED TRAFFIC IN FALL		WEAR TOLERANCE		RECOVERY		RECOVERY	
	SEP 15 PRE-WEAR	SEP 18 24 PASSES	SEP 29 12 DAW*/	OCT 13 26 DAW*/	OCT 29 42 DAW	SEP 18 24 PASSES	OCT 13 26 DAW	OCT 30 43 DAW
ASP6002 (BPR)	70.0	35.0	35.0	40.0	55.0	3.3	4.7	5.0
ASP6005 (AJM)	70.0	33.3	35.0	38.3	53.3	4.0	4.3	5.0
BAR LP 4317	80.0	36.7	33.3	38.3	56.7	3.7	4.3	5.0
BAR LP 4420	80.0	28.3	30.0	36.7	53.3	2.3	3.7	5.0
BUENA VISTA	81.7	33.3	35.0	41.7	56.7	3.0	4.0	5.0
GRAND SLAM 2 (PST-2GSM)	88.3	43.3	38.3	38.3	58.3	4.7	3.7	5.0
GRAY FOX (PST-2MNG)	81.7	36.7	38.3	41.7	56.7	3.7	4.0	5.0
GRAY STAR (PST-2LGL)	88.3	31.7	30.0	35.0	53.3	3.7	3.3	5.0
HOMERUN (RG3P)	90.0	43.3	40.0	41.7	61.7	5.7	4.3	5.0
INSPIRE	90.0	31.7	33.3	36.7	55.0	3.3	3.3	5.0
KEYSTONE 2 (IS-PR 312)	94.7	38.3	31.7	35.0	58.3	3.7	3.7	5.0
MAJESTY II (VB77)	70.0	30.0	31.7	38.3	53.3	2.7	4.7	5.0
PENTIUM	83.3	31.7	31.7	38.3	51.7	2.3	3.3	5.0
PRESIDIO (CNV)	80.0	43.3	41.7	43.3	56.7	5.0	4.7	5.0
TRANSFORMER (D04-1667)	89.7	33.3	31.7	38.3	53.3	2.7	3.3	5.0
ASP6004 (EXS54)	73.3	33.3	33.3	33.3	51.7	3.0	3.7	4.7
BACCARAT (RAD-PR8)	80.0	40.0	36.7	41.7	58.3	4.3	4.0	4.7
CALYPSO 3 (MS2)	85.0	35.0	35.0	36.7	53.3	4.3	4.0	4.7
DELAWARE XL (PICK 01-2)	88.0	31.7	30.0	36.7	56.7	3.0	4.0	4.7
FUSION	83.3	40.0	38.3	43.3	61.7	5.0	4.7	4.7
NEXUS XD (SP4)	75.0	36.7	33.3	36.7	55.0	3.7	3.7	4.7
NOTABLE (AF)	88.3	33.3	31.7	35.0	50.0	3.0	3.7	4.7
PICK 02-R	75.0	45.0	41.7	41.7	53.3	5.7	4.0	4.7
PM 102	85.0	31.7	31.7	31.7	51.7	2.7	3.7	4.7
REGAL 5 (IS-PR 271)	80.0	40.0	36.7	40.0	53.3	4.3	4.3	4.7
SOPRANO (DP1)	73.3	31.7	30.0	36.7	53.3	4.0	3.3	4.7
SR 4600 (SRX 4SP)	90.0	36.7	33.3	35.0	56.7	4.3	3.3	4.7
TOP GUN II (JR-324)	80.0	35.0	31.7	40.0	58.3	3.7	3.7	4.7
ASP6001 (RTS)	83.3	28.3	28.3	33.3	48.3	3.3	3.7	4.3
ASP6006 (LPFG)	68.3	26.7	28.3	30.0	45.0	2.7	3.7	4.3
CUTTER II (PM 101)	80.0	40.0	38.3	41.7	51.7	4.7	3.7	4.3
DEFENDER (D04-UP)	73.3	35.0	30.0	33.3	48.3	3.7	3.0	4.3
EXACTA II GLSR (LTP-611-GLSR)	88.0	28.3	28.3	30.0	43.3	2.3	3.0	4.3
GOALKEEPER II (JR-114)	70.0	33.3	31.7	36.7	56.7	3.7	3.7	4.3
PALMER GLS (GL-2)	90.0	33.3	33.3	36.7	51.7	3.0	3.7	4.3
PALMER V (RNS)	86.7	36.7	33.3	33.3	53.3	4.0	3.3	4.3
PARAGON GLR	84.7	38.3	31.7	35.0	51.7	4.7	3.3	4.3
PHENOM (APR 1660)	75.0	30.0	26.7	31.7	50.0	3.7	3.0	4.3
PINNACLE II	91.7	35.0	35.0	40.0	55.0	3.7	3.7	4.3
PIZZAZZ	83.0	30.0	33.3	35.0	51.7	4.0	4.3	4.3
STELLAR GL (IS-PR 236)	86.3	33.3	28.3	33.3	50.0	3.7	3.7	4.3
SUNSHINE 2	75.0	28.3	30.0	31.7	48.3	2.7	3.0	4.3
APPLE GL (AAZ-B104)	86.7	31.7	28.3	31.7	48.3	3.3	2.3	4.0
CADDIESHACK II (JR-163)	78.3	33.3	36.7	40.0	53.3	3.7	4.0	4.0
FIESTA 4 (PICK F4)	85.0	30.0	26.7	28.3	50.0	3.0	2.7	4.0
HARRIER (SRX 4UP3)	85.0	31.7	35.0	38.3	51.7	3.3	4.3	4.0
LA QUINTA (JR-255)	71.7	25.0	26.7	31.7	46.7	2.0	3.7	4.0

TABLE 13.
(CONT'D)

WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF CANOPY RECEIVED TRAFFIC IN FALL					WEAR TOLERANCE		RECOVERY
	SEP 15 PRE-WEAR	SEP 18 24 PASSES	SEP 29 12 DAW*/	OCT 13 26 DAW*/	OCT 29 42 DAW	SEP 18 24 PASSES	OCT 13 26 DAW	OCT 30 43 DAW
LINN	46.7	5.0	5.0	11.7	41.7	1.0	1.0	4.0
OVERDRIVE	66.3	26.7	25.0	31.7	51.7	3.3	3.7	4.0
PALMER IV	91.3	35.0	31.7	35.0	51.7	4.0	4.3	4.0
PIANIST (DP 17-9505)	78.3	36.7	33.3	36.7	53.3	3.3	3.7	4.0
PRIMARY (IS-PR 269)	88.3	35.0	28.3	33.3	48.3	4.0	3.7	4.0
PROTEGE GLR	78.3	36.7	35.0	33.3	46.7	3.3	4.0	4.0
PST-2BLK	90.0	30.0	28.3	31.7	48.3	3.0	3.3	4.0
QUICKSILVER	78.3	30.0	28.3	30.0	46.7	3.3	3.3	4.0
REPELL GLS	65.0	23.3	25.0	30.0	48.3	2.7	3.3	4.0
ZOOM (LCK)	81.7	35.0	36.7	38.3	56.7	3.7	4.0	4.0
ALLSTAR 3 (IS-PR 274)	90.0	35.0	35.0	36.7	58.3	4.0	4.0	3.7
EDGE II (AC2)	68.3	28.3	26.7	31.7	50.0	2.3	2.0	3.7
RINGER II (O4-BEN)	80.0	28.3	26.7	30.0	43.3	2.7	2.3	3.7
UNO (D04-11T)	93.0	33.3	31.7	36.7	45.0	3.0	3.0	3.7
AMAZING GS (IS-PR 276)	93.0	31.7	30.0	31.7	48.3	3.3	3.3	3.3
CABO II (IS-PR 233)	66.7	25.0	28.3	30.0	46.7	2.7	2.3	3.3
PROTOTYPE (DCM)	78.0	26.7	26.7	25.0	46.7	3.0	3.0	3.3
VB99	60.0	31.7	28.3	28.3	45.0	2.3	3.0	3.3
ASP6003 (TRS)	83.3	23.3	25.0	30.0	43.3	2.7	2.7	3.0
ATTRIBUTE (IS-PR 270)	86.3	31.7	28.3	30.0	43.3	2.7	2.7	3.0
DASHER 3 (PICK RB-1)	81.7	31.7	25.0	28.3	41.7	2.7	2.7	3.0
DERBY XTREME (IS-PR 268)	80.0	31.7	28.3	31.7	43.3	3.7	3.3	3.0
KOKOMO II (IS-PR 235)	85.0	26.7	21.7	23.3	40.0	3.0	2.3	2.7
NEXUS XR (SNR)	63.3	21.7	20.0	21.7	40.0	2.7	2.3	2.7
PALACE (IS-PR 273)	91.3	30.0	25.0	28.3	43.3	2.7	3.0	2.7
LSD VALUE	19.8	27.2	25.0	28.0	23.7	5.7	4.3	3.2
C.V. (%)	12.0	28.9	29.3	30.4	19.5	43.0	38.9	30.7

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.

*/ DAW - DAYS AFTER WEAR (TRAFFIC).

TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	APR	MAY	JUN	QUALITY RATINGS				OCT	MEAN
	GREENUP				JUL	AUG	SEP			
AMAZING GS (IS-PR 276)	4.3	4.3	5.0	4.0	4.7	3.7	3.7	4.7	4.3	
DERBY XTREME (IS-PR 268)	5.0	4.7	4.3	4.0	4.7	3.7	3.7	5.0	4.3	
REPELL GLS	4.7	4.3	5.0	3.7	4.7	4.0	4.0	4.7	4.3	
PANTHER GLS	5.3	4.7	4.7	4.3	4.7	3.3	3.7	4.0	4.2	
APPLE GL (AAZ-B104)	5.0	4.7	4.3	4.0	4.3	3.7	3.7	4.3	4.1	
ASP6004 (EXS54)	4.7	4.3	4.3	4.0	4.7	3.3	3.3	4.7	4.1	
CABO II (IS-PR 233)	5.0	4.7	4.3	4.0	4.7	3.3	3.3	4.7	4.1	
LA QUINTA (JR-255)	4.0	4.0	5.0	3.7	4.7	3.7	3.7	4.0	4.1	
MANHATTAN 5 GLR (PST-2AM)	5.0	4.7	4.7	3.7	4.3	3.7	3.7	4.3	4.1	
PALMER GLS (GL-2)	5.0	4.7	4.7	3.3	4.0	3.7	4.0	4.3	4.1	
PROTEGE GLR	5.0	4.3	4.0	4.0	4.7	3.7	3.7	4.3	4.1	
1G SQUARED (APR 1664)	4.7	4.7	4.0	3.3	4.0	3.7	3.7	4.7	4.0	
ASP6001 (RTS)	4.7	4.3	4.0	3.7	4.7	3.3	3.7	4.3	4.0	
ASP6002 (BPR)	4.3	4.3	4.7	3.7	4.3	3.3	3.7	4.0	4.0	
ASP6005 (AJM)	4.7	4.3	5.3	3.7	4.3	3.3	3.3	3.7	4.0	
ASP6006 (LPFG)	5.0	4.7	4.0	4.0	4.0	3.3	3.3	4.3	4.0	
BRIGHTSTAR SLT	4.7	4.3	3.3	4.3	4.7	3.7	3.7	4.0	4.0	
CADDIESHACK II (JR-163)	4.3	4.3	4.3	4.0	4.7	3.7	3.7	3.7	4.0	
FIREBOLT (PRG HS-01-09)	4.7	4.3	3.7	4.0	4.7	3.7	3.7	3.7	4.0	
GRAY FOX (PST-2MNG)	4.7	4.3	4.3	4.3	4.7	3.3	3.3	3.3	4.0	
GRAY STAR (PST-2LGL)	4.3	4.0	4.7	4.0	4.3	3.0	3.3	4.7	4.0	
HARRIER (SRX 4UP3)	4.3	4.3	4.0	3.7	4.3	3.3	3.3	5.0	4.0	
KOKOMO II (IS-PR 235)	4.3	4.3	4.3	4.3	4.7	3.3	3.3	3.7	4.0	
MAJESTY II (VB77)	5.0	4.7	3.7	3.7	4.3	3.7	3.7	4.3	4.0	
OVERDRIVE	4.7	4.0	4.3	4.0	4.7	3.0	3.0	4.7	4.0	
PALMER V (RNS)	4.7	4.3	3.7	4.3	4.7	3.0	3.0	5.0	4.0	
PIANIST (DP 17-9505)	4.3	4.3	4.0	4.0	4.3	3.3	3.3	4.3	4.0	
PLATEAU (PST-2LAN)	4.3	4.3	3.7	4.0	4.3	3.7	3.7	4.3	4.0	
PRIMARY (IS-PR 269)	4.7	4.7	3.7	4.0	4.3	3.7	3.7	4.3	4.0	
SUNSHINE 2	4.0	4.0	3.7	4.3	4.7	3.3	3.3	4.3	4.0	
UNO (D04-11T)	5.0	4.7	4.3	3.0	4.0	4.0	4.0	4.0	4.0	
VB99	4.3	4.3	4.0	4.0	4.3	3.7	3.7	4.3	4.0	
BAR LP 4317	5.0	4.3	4.0	3.7	4.3	3.3	3.3	4.3	3.9	
BAR LP 4420	4.3	4.3	3.3	3.7	4.3	3.3	3.7	4.3	3.9	
BREA (04-BRE)	4.7	4.0	4.3	4.0	4.3	3.3	3.3	3.7	3.9	
DART (APR 1663)	4.7	4.3	3.7	4.0	4.3	3.3	3.3	4.3	3.9	
DASHER 3 (PICK RB-1)	4.3	4.0	4.3	3.7	4.3	3.0	3.0	4.7	3.9	
DEFENDER (D04-UP)	4.3	4.0	4.7	3.7	4.0	3.3	3.7	3.7	3.9	
GOALKEEPER II (JR-114)	4.7	4.3	3.3	4.0	4.7	3.7	3.7	3.7	3.9	
GRAND SLAM 2 (PST-2GSM)	4.3	4.0	3.7	4.0	4.7	3.0	3.0	5.0	3.9	
HEADSTART 2	5.0	4.7	3.0	4.0	4.7	3.7	3.7	3.3	3.9	
HOMERUN (RG3P)	5.3	4.7	3.3	4.0	4.7	3.3	3.3	4.0	3.9	
KEYSTONE 2 (IS-PR 312)	5.0	4.3	3.7	3.7	4.0	3.3	3.7	4.7	3.9	
MMW	4.3	4.3	3.7	4.0	4.3	3.3	3.3	4.3	3.9	
PACESETTER II (PS-2)	4.7	4.0	3.3	3.7	4.3	3.7	4.0	4.3	3.9	
PALMER III	3.7	3.7	3.7	4.7	4.7	3.3	3.3	4.0	3.9	
PLEASURE SUPREME (PM 103)	5.0	4.3	3.3	4.0	4.3	3.7	3.7	3.7	3.9	

TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING			QUALITY RATINGS					
	GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PST-2AG4	4.7	4.3	4.3	3.7	4.3	3.3	3.3	3.7	3.9
QUICKSILVER	4.7	4.3	2.7	3.7	4.3	3.7	3.7	4.7	3.9
REVENGE GLX (JR-348)	4.3	4.3	4.0	3.3	4.0	3.0	3.7	5.0	3.9
RINGER II (04-BEN)	4.7	4.0	3.3	3.7	4.3	3.3	4.0	4.3	3.9
SILVER DOLLAR	5.0	4.3	3.7	3.7	4.3	3.3	3.3	4.3	3.9
SOPRANO (DP1)	4.0	4.0	4.7	3.7	4.3	2.7	3.0	4.7	3.9
SR 4600 (SRX 4SP)	5.0	4.3	4.0	3.7	4.3	3.3	3.3	4.0	3.9
TOP GUN II (JR-324)	5.0	4.3	4.3	3.3	4.0	3.3	3.7	4.3	3.9
TRANSFORMER (D04-1667)	4.7	4.7	4.0	4.3	4.7	3.0	3.0	3.7	3.9
WAYFARER (L44)	4.0	4.0	4.0	4.0	4.7	3.0	3.3	4.0	3.9
ACCENT II (JR-119)	4.7	4.3	4.0	4.0	4.7	3.0	3.0	3.7	3.8
ASP6003 (TRS)	4.7	4.0	4.3	3.7	4.3	3.3	3.3	3.7	3.8
BACCARAT (RAD-PR8)	4.0	4.0	3.7	4.0	4.7	3.0	3.3	3.7	3.8
CALYPSO 3 (MS2)	4.7	4.3	4.0	3.7	3.7	3.7	3.7	3.7	3.8
E-99	4.7	4.3	3.0	3.7	4.0	3.7	3.7	4.3	3.8
EDGE II (AC2)	4.3	4.3	3.7	3.3	4.0	3.7	3.7	3.7	3.8
EXACTA II GLSR (LTP-611-GLSR)	4.3	4.3	3.7	3.7	4.7	3.0	3.0	4.3	3.8
FIESTA 4 (PICK F4)	4.7	4.0	3.7	4.0	4.3	3.3	3.7	3.7	3.8
FOREVER (DP 17-9499)	4.3	4.3	3.7	3.3	4.0	3.7	3.7	4.0	3.8
GALATTI (DP 17-9502)	5.3	4.3	4.0	3.3	4.0	3.3	3.7	3.7	3.8
HAWKEYE 2 (SRX 4692)	4.0	4.0	5.0	3.7	4.3	3.0	3.0	3.3	3.8
LINE DRIVE GLS (APR 1797)	5.3	4.7	4.7	3.3	4.0	3.0	3.0	4.0	3.8
LPR 02203	4.3	4.0	3.7	3.7	4.7	3.3	3.3	4.0	3.8
LS 2300 (APR 1670)	4.3	4.0	4.0	3.7	4.3	3.3	3.7	3.7	3.8
MACH I	5.3	4.3	4.3	3.3	4.0	3.0	3.0	4.7	3.8
MONTEREY 3 (JR-408)	4.7	4.3	4.7	3.7	4.3	3.0	3.0	3.3	3.8
NEXUS XD (SP4)	4.3	4.0	3.7	3.7	3.7	4.0	4.0	3.7	3.8
NOTABLE (AF)	4.3	4.3	3.7	3.7	4.3	3.3	3.3	3.7	3.8
PALACE (IS-PR 273)	4.3	4.0	3.7	3.7	4.7	3.0	3.0	4.3	3.8
PALMER IV	4.7	4.7	3.7	3.0	4.0	3.7	3.7	4.0	3.8
PARAGON GLR	4.0	4.0	3.3	3.7	4.7	3.3	3.3	4.3	3.8
PENTIUM	4.3	4.0	4.3	4.0	4.3	3.0	3.0	4.0	3.8
PHENOM (APR 1660)	4.3	4.3	4.3	3.0	4.0	3.7	3.7	3.7	3.8
PINNACLE II	4.0	3.7	3.7	4.0	4.0	3.3	3.7	4.0	3.8
PIZZAZZ	4.7	4.3	3.3	3.7	4.7	3.0	3.0	4.3	3.8
PST-2BLK	4.7	4.7	3.3	3.7	4.3	3.3	3.3	3.7	3.8
REGAL 5 (IS-PR 271)	4.0	3.7	4.3	3.7	4.0	3.3	3.3	4.3	3.8
SECRETARIAT II GLSR (LTP-101-GLSR)	4.7	4.3	3.0	3.7	4.0	3.7	3.7	4.0	3.8
SRX 4682	4.3	4.0	3.7	3.7	4.3	3.7	3.7	3.3	3.8
STELLAR GL (IS-PR 236)	4.0	4.0	4.0	4.0	4.3	3.0	3.0	4.0	3.8
ZOOM (LCK)	4.7	4.3	4.7	3.7	4.0	3.0	3.0	3.7	3.8
AFFINITY	3.7	3.7	3.7	3.7	4.3	3.3	3.3	3.7	3.7
ALLSTAR 3 (IS-PR 274)	4.7	4.0	4.0	3.3	4.0	3.0	3.0	4.3	3.7
CHIVALRY (APR 1648)	5.0	4.7	3.7	3.3	4.0	3.0	3.0	4.0	3.7
ATTRIBUTE (IS-PR 270)	5.0	4.0	3.7	4.0	4.0	2.7	3.0	4.7	3.7
BARLENNIUM	4.3	4.0	3.7	3.7	4.3	3.3	3.7	3.3	3.7
BUENA VISTA	5.0	4.0	4.0	3.7	4.0	3.0	3.0	4.3	3.7

TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS			SEP	OCT	MEAN
					JUL	AUG				
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	4.7	3.3	3.3	4.0	3.0	3.0	4.7	3.7	
CITATION FORE	4.0	4.0	4.0	3.7	4.7	3.0	3.0	3.7	3.7	
CUTTER II (PM 101)	5.0	4.3	4.0	3.3	4.0	3.3	3.3	3.7	3.7	
DELAWARE XL (PICK 01-2)	4.0	4.0	4.3	3.3	4.0	3.3	3.3	3.7	3.7	
DP 17-9788	4.3	4.0	3.7	3.7	4.3	3.3	3.3	3.7	3.7	
FIJI (GPR)	4.3	4.3	3.7	3.7	4.7	3.0	3.0	3.7	3.7	
FUSION	5.0	4.3	4.3	3.7	4.0	3.0	3.0	3.3	3.7	
HALO (KN42)	4.0	3.7	4.0	3.7	4.3	3.3	3.3	3.7	3.7	
NEXUS XR (SNR)	4.7	4.3	3.3	3.3	4.0	3.0	3.0	4.7	3.7	
PM 102	4.3	4.3	3.7	3.3	4.3	3.3	3.7	3.3	3.7	
PREMIER II	4.0	4.0	3.7	3.7	4.3	3.0	3.0	4.0	3.7	
TR47	4.7	4.3	3.3	4.0	4.0	3.0	3.3	4.0	3.7	
WIND DANCE 2 (PWDR)	4.0	3.7	4.7	3.7	4.0	3.0	3.0	4.0	3.7	
ES45	4.3	4.3	2.7	4.0	5.0	3.0	3.0	3.3	3.6	
INSPIRE	4.7	4.0	3.7	3.3	3.7	3.0	3.0	4.3	3.6	
PICK 02-R	4.3	4.3	3.7	3.3	4.3	3.0	3.0	3.7	3.6	
PRESIDIO (CNV)	4.0	3.7	3.7	4.0	4.3	3.0	3.0	3.7	3.6	
PST-217	5.3	4.7	3.3	3.3	4.0	3.0	3.0	3.7	3.6	
D04-LP05	3.7	3.7	3.7	3.7	4.3	3.0	3.0	3.3	3.5	
PANTHER	4.3	4.0	3.7	3.0	3.3	3.0	3.3	4.0	3.5	
PROTOTYPE (DCM)	4.3	4.0	3.0	3.3	4.3	3.3	3.3	3.3	3.5	
BAR LP 4920	4.0	4.0	3.3	3.3	3.7	3.0	3.0	3.7	3.4	
LINN	3.3	3.3	4.3	2.7	3.0	3.3	3.3	3.0	3.3	
PINNACLE	3.3	3.3	2.7	4.0	4.0	3.0	3.0	3.0	3.3	
PREMIER	4.0	3.7	2.7	3.3	3.7	3.0	3.0	3.7	3.3	
LSD VALUE	1.3	1.3	2.4	2.3	1.7	2.1	2.2	1.9	0.7	
C.V. (%)	12.4	10.5	20.6	15.0	11.9	14.8	15.3	16.9	7.0	

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 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS							MEAN
	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	
PANTHER GLS	4.0	4.3	5.3	3.7	3.7	5.0	5.0	4.5
EXACTA II GLSR (LTP-611-GLSR)	5.7	4.0	5.3	3.7	4.0	5.0	4.7	4.4
MANHATTAN 5 GLR (PST-2AM)	5.3	4.3	5.7	3.7	3.3	4.7	5.0	4.4
AMAZING GS (IS-PR 276)	6.0	4.3	5.7	3.7	3.3	4.0	5.0	4.3
KEYSTONE 2 (IS-PR 312)	5.3	5.0	5.3	3.3	3.7	4.0	4.7	4.3
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	4.3	5.0	3.7	4.0	4.0	5.0	4.3
SOPRANO (DP1)	6.3	4.0	5.3	4.0	3.0	4.3	5.0	4.3
TRANSFORMER (D04-1667)	5.3	4.3	5.3	3.7	3.7	4.3	4.7	4.3
1G SQUARED (APR 1664)	5.7	4.3	5.0	3.3	3.0	4.3	5.0	4.2
ATTRIBUTE (IS-PR 270)	5.0	4.0	4.7	3.3	3.0	4.7	5.3	4.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.7	4.3	4.7	3.3	3.0	4.7	5.0	4.2
DEFENDER (D04-UP)	5.3	4.0	5.7	3.7	3.7	4.0	4.0	4.2
HOMERUN (RG3P)	5.3	4.0	5.0	3.7	3.3	4.3	5.0	4.2
PALMER GLS (GL-2)	5.3	4.0	5.3	3.3	3.3	4.0	5.3	4.2
PALMER V (RNS)	5.3	4.0	4.7	3.7	3.3	4.3	5.0	4.2
PRIMARY (IS-PR 269)	4.3	4.7	5.0	3.3	3.3	4.0	4.7	4.2
STELLAR GL (IS-PR 236)	4.3	4.3	5.3	3.0	3.7	4.0	4.7	4.2
CHIVALRY (APR 1648)	6.0	4.3	4.7	3.3	3.7	4.0	4.7	4.1
DERBY XTREME (IS-PR 268)	5.7	3.7	5.0	3.3	3.3	4.0	5.3	4.1
FIESTA 4 (PICK F4)	4.3	4.3	4.7	3.3	3.0	4.0	5.0	4.1
INSPIRE	5.7	3.7	5.0	4.0	4.0	4.0	4.0	4.1
LA QUINTA (JR-255)	6.0	3.3	4.7	3.7	3.7	4.0	5.0	4.1
MMW	5.0	3.7	5.7	3.7	3.3	3.7	4.7	4.1
PINNACLE II	5.3	4.0	4.3	3.3	3.0	4.3	5.3	4.1
PROTOTYPE (DCM)	4.3	4.3	4.3	3.3	3.7	4.0	4.7	4.1
UNO (D04-11T)	5.0	3.7	4.7	3.7	3.7	4.3	4.7	4.1
ASP6004 (EXS54)	5.0	4.0	5.0	3.0	3.3	4.0	4.7	4.0
BAR LP 4920	4.7	4.0	4.7	3.7	3.3	4.0	4.3	4.0
EDGE II (AC2)	4.7	4.0	4.7	3.3	3.3	4.0	4.7	4.0
KOKOMO II (IS-PR 235)	4.3	3.7	5.0	3.7	3.0	4.3	4.3	4.0
MACH I	5.3	3.7	5.3	3.3	3.0	4.0	4.7	4.0
SR 4600 (SRX 4SP)	4.7	3.3	5.0	3.3	3.3	4.3	4.7	4.0
ALLSTAR 3 (IS-PR 274)	5.3	4.0	4.7	3.7	3.0	4.3	3.7	3.9
ASP6006 (LPFG)	6.0	3.7	5.0	3.3	3.3	3.7	4.3	3.9
BUENA VISTA	5.0	3.7	5.0	3.3	3.7	4.0	3.7	3.9
CALYPSO 3 (MS2)	5.3	3.7	5.0	3.7	3.0	3.7	4.3	3.9
E-99	4.7	4.0	4.7	3.0	3.0	4.0	4.7	3.9
FIREBOLT (PRG HS-01-09)	5.7	3.7	4.7	3.3	3.3	4.0	4.7	3.9
FOREVER (DP 17-9499)	5.7	4.0	4.7	3.0	3.3	4.0	4.3	3.9
FUSION	6.0	4.3	4.3	3.3	3.0	4.0	4.7	3.9
GRAY STAR (PST-2LGL)	5.7	3.3	4.7	3.3	3.3	4.0	4.7	3.9
NOTABLE (AF)	5.0	4.0	5.3	3.0	3.0	3.7	4.3	3.9
PENTIUM	4.7	4.0	5.3	3.3	3.0	4.0	4.0	3.9
PLATEAU (PST-2LAN)	6.0	3.7	4.3	3.0	3.0	4.3	5.0	3.9
PLEASURE SUPREME (PM 103)	5.3	3.7	5.0	3.3	3.3	4.0	4.3	3.9
PRESIDIO (CNV)	4.0	3.7	4.7	3.7	3.3	4.0	4.0	3.9
REGAL 5 (IS-PR 271)	5.3	3.3	4.7	3.3	3.3	4.0	4.7	3.9

TABLE 15. 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/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	QUALITY RATINGS						
	GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
APPLE GL (AAZ-B104)	5.0	3.7	4.3	3.0	3.3	3.7	4.7	3.8
BACCARAT (RAD-PR8)	5.7	3.7	4.7	3.3	3.0	3.7	4.3	3.8
BAR LP 4317	5.0	3.3	5.0	3.7	3.3	3.3	4.3	3.8
BARLENNIUM	4.3	3.7	4.3	3.0	3.3	3.7	4.7	3.8
DART (APR 1663)	5.0	4.0	5.0	3.0	3.0	3.7	4.0	3.8
DASHER 3 (PICK RB-1)	5.3	3.7	4.7	3.3	3.0	3.7	4.3	3.8
DP 17-9788	5.7	4.3	4.3	3.0	3.0	4.0	4.0	3.8
LS 2300 (APR 1670)	5.3	3.7	4.7	3.3	3.0	3.7	4.3	3.8
MONTEREY 3 (JR-408)	4.3	3.7	4.3	3.3	3.3	4.0	4.3	3.8
NEXUS XR (SNR)	5.3	3.3	4.7	3.0	3.0	4.0	4.7	3.8
PACESETTER II (PS-2)	4.3	3.3	4.7	3.3	3.0	4.7	4.0	3.8
PARAGON GLR	5.7	3.7	4.7	3.0	3.0	3.3	5.3	3.8
PHENOM (APR 1660)	5.3	3.3	4.3	3.3	3.7	3.7	4.7	3.8
PIZZAZZ	5.3	3.7	4.7	3.0	3.3	3.7	4.7	3.8
PROTEGE GLR	5.7	3.7	4.3	3.0	2.7	4.0	5.3	3.8
PST-217	6.0	3.3	5.0	3.3	3.3	3.7	4.0	3.8
REPELL GLS	6.0	3.3	4.7	3.3	3.0	4.0	4.7	3.8
TOP GUN II (JR-324)	5.7	3.0	4.7	3.3	3.3	4.0	4.3	3.8
VB99	5.3	4.3	4.3	3.0	3.0	4.0	4.3	3.8
WIND DANCE 2 (PWDR)	5.7	4.0	4.3	3.3	3.0	4.0	4.3	3.8
ASP6002 (BPR)	5.0	3.0	4.7	3.3	3.0	3.7	4.7	3.7
ASP6003 (TRS)	5.3	3.7	4.3	3.0	3.3	3.7	4.0	3.7
BRIGHTSTAR SLT	5.3	3.7	4.7	3.0	3.0	4.0	4.0	3.7
CABO II (IS-PR 233)	5.0	3.7	4.3	3.3	3.0	3.7	4.3	3.7
CADDIESHACK II (JR-163)	4.7	3.0	4.7	3.3	3.7	3.7	4.0	3.7
CUTTER II (PM 101)	5.7	3.0	4.7	3.3	3.0	3.7	4.3	3.7
DO4-LP05	4.7	3.7	4.0	3.0	3.3	4.0	4.0	3.7
FIJI (GPR)	5.3	3.3	4.3	3.3	3.3	3.7	4.0	3.7
GALATTI (DP 17-9502)	4.7	3.3	4.3	3.3	3.0	4.0	4.3	3.7
GRAND SLAM 2 (PST-2GSM)	5.7	3.3	4.3	3.7	3.3	3.3	4.0	3.7
GRAY FOX (PST-2MNG)	5.0	3.3	4.3	3.3	3.3	3.7	4.3	3.7
HARRIER (SRX 4UP3)	4.3	3.7	4.3	3.0	3.0	3.7	4.3	3.7
HEADSTART 2	4.7	3.3	5.0	3.0	3.0	3.7	4.3	3.7
LINE DRIVE GLS (APR 1797)	5.0	3.7	4.7	3.0	3.3	3.3	4.3	3.7
MAJESTY II (VB77)	4.0	3.7	4.7	3.0	3.0	3.7	4.3	3.7
OVERDRIVE	4.0	4.0	4.0	3.3	3.3	3.3	4.0	3.7
PALMER III	4.7	4.0	4.7	3.0	3.3	3.3	4.0	3.7
PST-2BLK	5.3	3.3	4.7	3.3	3.3	3.7	3.7	3.7
REVENGE GLX (JR-348)	5.3	3.7	4.7	3.3	3.0	3.3	4.3	3.7
SILVER DOLLAR	5.7	3.7	4.7	3.3	2.7	3.7	4.0	3.7
TR47	4.7	3.3	4.3	3.3	3.0	3.7	4.3	3.7
ZOOM (LCK)	5.7	3.3	4.3	3.0	3.3	3.7	4.3	3.7
ACCENT II (JR-119)	4.3	3.7	4.3	3.0	3.3	3.3	4.0	3.6
AFFINITY	3.7	3.7	4.0	3.3	3.0	3.7	4.0	3.6
ASP6001 (RTS)	5.7	3.0	4.3	3.3	3.7	3.3	3.7	3.6
GOALKEEPER II (JR-114)	4.7	3.3	4.3	3.3	3.3	3.3	3.7	3.6
NEXUS XD (SP4)	5.0	3.3	4.3	2.7	3.0	3.7	4.3	3.6

TABLE 15. 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/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING	MAY	JUN	QUALITY RATINGS				MEAN
	GREENUP			JUL	AUG	SEP	OCT	
PALACE (IS-PR 273)	4.7	3.3	4.3	3.3	3.3	3.0	4.3	3.6
PIANIST (DP 17-9505)	4.7	3.3	4.3	3.0	3.0	3.7	4.0	3.6
PREMIER II	4.0	3.3	4.0	3.0	3.3	3.7	4.3	3.6
PST-2AG4	5.3	3.7	4.0	3.0	3.0	3.7	4.0	3.6
RINGER II (04-BEN)	5.3	3.3	4.0	3.0	3.3	3.7	4.3	3.6
ASP6005 (AJM)	5.3	3.3	4.0	3.3	3.3	3.3	3.7	3.5
CITATION FORE	5.3	3.3	4.3	3.3	3.0	3.0	4.0	3.5
PALMER IV	5.0	3.3	4.3	3.0	3.3	3.3	3.7	3.5
QUICKSILVER	4.7	3.0	4.3	3.3	3.0	3.3	4.0	3.5
WAYFARER (L44)	5.3	3.3	4.0	3.0	3.3	3.3	4.0	3.5
BAR LP 4420	4.3	3.3	4.0	3.0	3.0	3.3	3.7	3.4
BREA (04-BRE)	5.0	3.7	4.0	3.0	3.0	3.3	3.7	3.4
ES45	5.3	3.3	4.0	3.0	3.0	3.3	3.7	3.4
HALO (KN42)	4.7	3.3	4.0	3.0	2.7	3.7	3.7	3.4
LPR 02203	4.0	3.3	4.0	3.0	3.0	3.7	3.7	3.4
PANTHER	4.3	3.0	4.0	3.0	3.0	3.3	4.0	3.4
PICK 02-R	4.7	3.0	4.0	3.0	3.0	3.3	4.0	3.4
PM 102	5.7	3.0	4.3	3.0	3.3	2.7	4.3	3.4
SRX 4682	5.3	3.0	4.0	3.3	3.0	3.7	3.7	3.4
SUNSHINE 2	4.7	3.0	3.7	3.7	3.0	3.7	3.7	3.4
DELAWARE XL (PICK 01-2)	4.7	3.0	4.0	3.0	3.0	3.0	3.7	3.3
HAWKEYE 2 (SRX 4692)	5.3	3.3	4.0	2.7	3.3	3.0	3.7	3.3
PINNACLE	5.0	3.3	4.3	3.0	2.7	3.0	3.7	3.3
LINN	2.3	3.3	3.3	2.3	3.3	2.7	3.3	3.1
PREMIER	4.0	3.0	3.3	3.0	3.0	2.7	3.3	3.1
LSD VALUE	3.3	1.5	1.6	2.0	1.9	1.6	2.8	0.6
C.V. (%)	19.2	16.3	14.0	14.4	14.3	16.4	17.7	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 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2009 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	
EXACTA II GLSR (LTP-611-GLSR)	7.7	7.0	5.7	6.3	5.7	6.3	6.7	7.3	7.0	7.0	6.3	5.7	5.7	6.4
FIESTA 4 (PICK F4)	7.7	6.3	6.3	6.3	5.3	6.0	7.3	7.3	7.0	6.7	6.0	6.0	6.0	6.4
HOMERUN (RG3P)	7.3	6.7	6.3	6.3	5.7	6.3	7.0	7.0	6.7	6.7	6.0	6.0	6.0	6.4
UNO (D04-11T)	7.7	7.0	6.3	7.0	5.7	6.3	6.7	7.0	6.0	7.0	6.3	6.0	6.0	6.4
APPLE GL (AAZ-B104)	7.3	6.3	6.0	6.7	6.0	6.0	7.0	7.3	6.0	6.7	5.7	5.7	5.7	6.3
CUTTER II (PM 101)	8.3	6.3	5.7	6.3	5.7	6.3	6.7	8.0	7.0	6.7	6.0	5.3	5.7	6.3
DERBY XTREME (IS-PR 268)	7.3	6.7	5.7	6.3	5.7	6.0	6.7	7.0	6.7	7.0	6.0	5.7	5.7	6.3
KOKOMO II (IS-PR 235)	7.7	7.0	6.7	6.0	5.3	6.0	6.3	7.0	6.7	6.7	6.3	5.7	5.7	6.3
REGAL 5 (IS-PR 271)	8.3	6.7	5.7	6.7	6.3	6.3	6.3	7.3	6.3	6.0	6.0	5.7	5.7	6.3
CABO II (IS-PR 233)	7.3	7.0	6.3	6.0	5.3	6.0	6.7	6.3	6.3	6.7	6.0	5.7	5.7	6.2
OVERDRIVE	8.0	6.0	5.3	5.7	5.7	6.3	6.7	8.0	7.0	7.0	6.0	5.0	5.3	6.2
PALACE (IS-PR 273)	7.7	6.0	6.0	6.3	6.3	6.3	6.3	7.0	6.7	6.7	5.7	5.3	5.3	6.2
VB99	8.3	6.3	5.7	5.7	5.3	6.3	7.0	7.7	6.3	6.7	6.0	5.3	5.7	6.2
ALLSTAR 3 (IS-PR 274)	7.7	6.3	5.7	6.0	5.7	6.0	7.0	7.0	6.7	6.7	5.3	5.3	5.3	6.1
ATTRIBUTE (IS-PR 270)	7.7	6.3	5.7	6.0	6.0	6.0	6.3	7.3	6.3	6.7	5.7	5.0	5.3	6.1
DASHER 3 (PICK RB-1)	7.3	6.3	5.7	6.0	5.7	6.7	6.3	6.7	6.7	6.3	5.7	5.3	5.3	6.1
NEXUS XD (SP4)	8.0	6.3	5.7	5.7	6.0	6.0	6.7	7.3	6.7	6.7	5.3	5.3	5.0	6.1
PALMER IV	7.7	6.7	6.0	6.7	5.7	5.7	6.3	6.7	6.3	7.0	6.0	5.3	5.3	6.1
PALMER V (RNS)	7.3	6.7	6.0	6.3	5.3	5.7	6.3	7.3	6.0	6.3	6.0	5.3	6.0	6.1
PARAGON GLR	7.7	6.7	5.7	6.0	5.0	6.0	6.3	7.0	6.3	6.3	6.0	5.7	6.0	6.1
SOPRANO (DP1)	7.7	6.7	5.3	6.0	5.7	6.3	6.0	7.3	6.0	6.7	6.0	5.3	5.3	6.1
STELLAR GL (IS-PR 236)	7.7	7.0	5.7	6.3	5.7	6.0	6.0	6.7	6.0	6.3	5.7	5.7	6.0	6.1
ZOOM (LCK)	7.3	6.3	5.7	5.7	5.3	6.0	6.3	7.3	6.3	6.7	6.3	5.3	5.3	6.1
ASP6003 (TRS)	7.7	6.7	5.3	5.7	5.3	6.0	6.3	7.0	7.0	6.3	5.7	5.3	5.3	6.0
FIJI (GPR)	8.0	6.3	5.0	5.7	5.3	5.7	6.7	7.3	6.3	7.0	5.7	5.7	5.3	6.0
PROTEGE GLR	7.3	6.3	6.0	5.7	5.3	5.7	6.0	7.3	6.3	6.3	5.7	5.7	5.7	6.0
SR 4600 (SRX 4SP)	7.3	6.7	6.0	5.7	5.0	6.3	6.0	7.0	6.3	6.7	5.7	5.3	5.3	6.0
TR47	8.0	7.0	5.3	5.7	5.0	5.7	6.3	7.0	6.0	6.3	5.7	6.0	5.7	6.0
AMAZING GS (IS-PR 276)	7.0	6.7	5.3	6.0	6.0	5.7	6.3	6.7	6.0	6.3	5.3	5.3	5.7	5.9
BUENA VISTA	7.0	6.3	5.0	5.7	5.0	5.7	6.3	6.7	6.3	6.3	5.7	5.7	5.7	5.9
D04-LP05	6.3	6.3	5.3	6.0	6.0	6.3	6.0	6.0	5.7	6.0	5.7	5.7	5.7	5.9
HALO (KN42)	7.7	6.0	5.0	5.7	5.0	6.0	6.7	6.7	6.7	6.3	6.0	5.3	5.7	5.9
PRESIDIO (CNV)	7.7	5.7	4.7	5.7	5.3	6.0	6.3	7.3	6.7	6.7	5.7	5.0	5.3	5.9
SUNSHINE 2	7.3	5.7	4.7	6.3	5.0	6.3	6.0	7.3	6.3	6.7	6.3	5.3	5.3	5.9
TRANSFORMER (D04-1667)	7.0	7.0	6.0	6.0	5.0	6.3	6.3	6.3	6.3	6.0	5.7	5.0	5.3	5.9
WAYFARER (L44)	7.7	6.3	5.3	6.0	6.0	6.0	6.3	7.0	6.3	6.3	5.3	4.7	5.3	5.9
CHIVALRY (APR 1648)	7.0	6.0	5.3	5.7	5.3	6.0	6.0	6.7	6.3	6.0	5.7	5.0	5.3	5.8
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.7	6.0	5.0	5.3	4.7	5.7	6.3	7.3	6.0	6.3	5.7	5.3	5.3	5.8
ES45	8.0	6.3	5.3	5.0	5.7	5.7	6.3	7.0	6.0	6.3	6.0	5.3	5.0	5.8
FUSION	7.7	6.0	4.7	5.7	5.3	5.7	6.3	7.3	6.0	6.0	5.7	5.3	5.7	5.8
LA QUINTA (JR-255)	7.7	5.7	4.7	6.0	5.3	6.0	6.3	7.0	6.7	6.3	5.0	5.0	5.3	5.8
MACH I	7.0	6.0	5.7	6.0	5.0	6.0	6.0	6.3	6.0	6.3	5.7	5.3	5.0	5.8
MAJESTY II (VB77)	7.7	6.0	5.3	5.7	5.7	6.0	6.7	6.7	6.7	6.0	5.3	5.0	5.0	5.8
PANTHER GLS	7.3	6.0	5.0	5.3	5.3	6.0	6.0	6.7	6.3	6.3	5.3	5.3	5.3	5.8
PICK 02-R	7.7	5.7	4.3	5.3	5.7	5.7	6.3	7.3	6.3	6.0	6.0	5.3	5.3	5.8
PLATEAU (PST-2LAN)	7.0	5.7	4.7	5.7	5.0	6.3	7.0	7.3	6.7	5.7	5.3	5.0	5.3	5.8
PLEASURE SUPREME (PM 103)	7.3	6.0	4.7	6.0	6.0	6.0	6.3	6.7	6.3	6.3	5.3	5.0	5.0	5.8

TABLE 16. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2009 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	
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	6.0	5.0	5.7	5.0	6.0	6.3	7.3	5.7	6.0	5.7	5.3	5.0	5.8
ASP6004 (EXSS4)	7.0	6.0	5.0	5.7	5.7	6.0	6.0	6.3	6.0	6.0	5.3	5.0	5.0	5.7
CALYPSO 3 (MS2)	7.7	6.3	5.0	5.7	5.7	5.7	6.3	6.7	6.0	6.0	5.7	4.7	5.0	5.7
DEFENDER (D04-UP)	6.7	6.7	5.3	6.0	5.3	5.3	5.0	6.0	5.3	6.0	5.7	5.7	5.7	5.7
GRAND SLAM 2 (PST-2GSM)	7.0	6.0	5.0	5.3	5.0	5.7	6.3	6.7	6.3	6.0	5.7	5.0	5.3	5.7
GRAY STAR (PST-2LGL)	6.7	6.0	5.0	5.7	5.7	6.3	6.0	6.0	6.0	6.0	5.3	5.0	5.0	5.7
KEYSTONE 2 (IS-PR 312)	7.0	6.0	5.0	5.7	5.0	6.3	6.0	6.3	6.0	6.3	5.3	5.3	5.3	5.7
LINE DRIVE GLS (APR 1797)	7.3	5.7	5.0	5.7	5.7	6.3	6.3	6.7	5.7	6.0	5.0	5.0	5.3	5.7
PACESETTER II (PS-2)	6.7	5.7	5.0	6.0	5.3	6.3	6.3	6.3	5.7	6.3	4.7	5.0	5.3	5.7
PRIMARY (IS-PR 269)	7.0	5.7	4.7	5.3	5.7	5.7	7.0	6.7	6.0	6.0	5.7	5.0	5.3	5.7
PROTOTYPE (DCM)	6.3	6.3	5.0	5.7	5.0	5.7	6.0	6.0	6.0	6.3	5.7	5.3	5.3	5.7
PST-2AG4	7.3	6.0	5.3	6.0	5.3	5.7	6.0	6.7	6.3	6.0	5.7	4.7	5.0	5.7
PST-2BLK	7.3	6.0	5.0	5.7	5.3	5.7	6.3	6.7	6.3	6.0	5.3	5.0	5.0	5.7
SILVER DOLLAR	7.0	6.0	5.3	6.0	5.7	6.0	6.0	6.3	6.0	6.0	5.3	5.0	5.0	5.7
1G SQUARED (APR 1664)	6.3	6.3	5.0	5.3	4.7	5.7	6.0	6.3	6.3	6.3	5.3	5.3	5.0	5.6
ASP6006 (LPFG)	7.3	6.0	4.7	5.0	5.3	6.0	6.0	7.0	6.0	6.3	5.0	4.7	4.7	5.6
BACCARAT (RAD-PR8)	7.0	5.3	4.0	5.3	5.0	6.3	6.3	6.7	6.3	6.3	5.3	4.7	5.0	5.6
BAR LP 4420	6.7	5.7	5.0	5.7	5.3	6.3	6.0	6.7	5.7	6.3	5.3	4.7	4.7	5.6
CITATION FORE	6.7	5.7	4.7	5.7	5.3	6.0	6.0	6.7	6.3	6.0	5.0	5.0	5.0	5.6
DART (APR 1663)	7.0	5.3	5.0	5.3	5.0	5.7	6.3	7.0	6.3	6.0	5.3	5.0	5.3	5.6
DELAWARE XL (PICK 01-2)	7.0	6.3	5.3	5.3	5.7	6.3	5.7	6.0	6.0	6.0	5.0	5.0	5.0	5.6
E-99	6.7	6.3	5.0	5.7	5.0	6.3	6.0	6.0	5.7	6.0	5.3	4.7	5.0	5.6
FIREBOLT (PRG HS-01-09)	7.3	5.7	4.7	5.7	5.0	6.0	6.0	6.7	6.3	6.0	5.7	4.7	4.7	5.6
GRAY FOX (PST-2MNG)	7.0	5.7	4.7	5.0	5.0	5.7	6.3	7.0	6.0	6.0	5.7	4.7	5.3	5.6
HARRIER (SRX 4UP3)	6.3	5.7	5.0	5.7	5.7	6.0	6.0	6.3	5.7	6.0	5.0	5.0	5.0	5.6
MANHATTAN 5 GLR (PST-2AM)	7.3	5.7	4.7	5.3	4.7	6.0	6.7	6.7	6.0	6.0	5.3	4.7	5.3	5.6
MMW	7.0	6.3	5.0	6.0	5.0	6.0	6.0	6.7	5.7	6.0	5.3	4.7	4.3	5.6
NEXUS XR (SNR)	7.3	6.0	5.0	5.7	5.0	6.0	6.3	6.3	6.0	6.0	5.3	5.0	5.0	5.6
NOTABLE (AF)	6.7	5.7	4.7	5.7	5.3	5.7	6.0	6.3	6.0	6.3	5.7	4.7	5.0	5.6
PHENOM (APR 1660)	6.7	6.0	5.0	5.7	5.0	6.0	6.0	7.0	6.0	6.0	5.0	4.7	4.7	5.6
PM 102	7.0	6.0	4.7	5.7	5.3	6.0	6.3	6.0	6.0	6.0	5.3	5.0	5.3	5.6
REPELL GLS	6.3	6.3	5.3	5.3	5.0	6.0	6.0	6.0	5.3	5.7	5.3	5.0	5.3	5.6
REVENGE GLX (JR-348)	6.7	6.0	5.3	5.3	5.0	6.0	6.0	6.3	5.7	5.7	5.3	5.0	5.0	5.6
RINGER II (04-BEN)	7.0	6.0	5.0	5.0	4.7	5.3	6.0	6.7	6.0	6.0	6.0	5.0	5.3	5.6
WIND DANCE 2 (PWDR)	7.7	5.7	4.7	5.3	5.0	5.7	6.3	6.7	6.0	6.0	5.3	5.0	5.0	5.6
ASP6005 (AJM)	7.3	5.7	4.7	5.7	5.7	5.7	6.0	6.3	6.0	6.0	5.0	5.0	4.7	5.5
EDGE II (AC2)	7.0	5.3	4.7	5.0	4.7	6.0	6.0	6.7	6.0	6.0	5.7	4.7	5.0	5.5
GALATTI (DP 17-9502)	7.3	5.7	4.3	5.3	5.3	6.0	6.0	6.7	6.3	5.7	5.0	5.0	5.0	5.5
PALMER GLS (GL-2)	7.0	6.3	5.7	5.7	5.0	5.7	5.7	6.0	5.7	5.7	5.0	4.7	5.0	5.5
PINNACLE II	6.3	5.7	5.0	5.7	5.3	5.7	6.0	6.3	5.3	6.0	5.3	5.0	4.7	5.5
PST-217	7.0	5.7	5.0	5.3	5.0	5.7	6.0	6.7	6.7	5.7	4.7	4.7	4.7	5.5
ACCENT II (JR-119)	6.3	5.0	4.0	5.0	5.3	6.7	6.3	6.7	6.3	6.0	5.0	4.3	4.7	5.4
ASP6001 (RTS)	7.3	5.3	4.7	5.3	5.0	5.7	6.0	6.3	6.0	6.0	5.3	4.7	4.7	5.4
ASP6002 (BPR)	7.7	5.3	4.7	5.0	5.3	5.7	6.0	6.7	6.3	5.7	5.0	4.3	4.7	5.4
CADDIESHACK II (JR-163)	6.7	5.3	4.7	5.3	5.0	5.7	6.3	6.3	6.0	6.0	5.0	5.0	4.7	5.4
FOREVER (DP 17-9499)	7.0	5.7	5.0	5.3	4.7	6.0	6.0	6.0	5.7	5.7	5.0	4.7	5.0	5.4
GOALKEEPER II (JR-114)	6.3	5.3	4.3	5.7	5.0	5.7	6.0	6.3	6.0	6.0	5.3	5.0	4.7	5.4

TABLE 16. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2009 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	
HAWKEYE 2 (SRX 4692)	7.0	5.7	5.3	5.0	4.7	5.7	6.0	6.3	5.7	5.3	5.3	4.7	5.0	5.4
HEADSTART 2	6.7	5.3	4.3	5.0	5.3	6.0	5.7	6.3	6.0	6.0	5.0	5.0	5.0	5.4
MONTEREY 3 (JR-408)	6.7	5.0	4.3	5.3	5.0	6.0	6.0	6.3	6.3	6.3	5.0	4.7	4.7	5.4
PIANIST (DP 17-9505)	7.0	5.7	4.7	5.3	5.0	6.0	5.7	6.3	6.0	6.0	4.7	4.7	4.7	5.4
QUICKSILVER	7.0	5.7	4.7	5.3	5.3	5.7	6.3	6.7	5.7	5.7	4.7	4.7	4.7	5.4
BREA (04-BRE)	6.7	5.3	4.3	5.0	4.7	5.7	6.0	6.3	5.7	5.7	5.0	5.0	5.0	5.3
DP 17-9788	6.3	5.3	4.3	5.0	4.7	5.7	5.7	6.0	5.7	5.7	5.3	4.7	5.0	5.3
INSPIRE	6.3	6.0	4.7	5.3	5.0	5.7	5.3	5.7	6.0	5.7	5.0	4.7	5.0	5.3
LS 2300 (APR 1670)	6.3	5.0	4.7	5.0	4.7	5.7	6.0	6.3	6.0	6.0	4.7	4.7	5.3	5.3
PALMER III	6.3	5.7	4.3	5.0	5.0	5.7	6.0	6.0	5.3	6.0	5.0	4.3	5.0	5.3
PENTIUM	7.0	5.3	4.3	5.3	5.0	6.0	6.0	6.7	6.0	5.7	5.0	4.0	4.7	5.3
PIZZAZZ	7.0	5.3	4.7	5.0	5.0	6.0	6.0	6.3	5.7	5.3	4.3	5.0	4.7	5.3
PREMIER II	6.0	6.0	4.7	5.0	4.7	6.0	5.7	5.7	5.3	6.0	5.0	5.0	4.7	5.3
TOP GUN II (JR-324)	7.3	5.3	4.3	5.0	5.0	6.0	6.0	6.7	6.0	5.7	4.3	4.3	4.3	5.3
BAR LP 4920	6.0	5.7	4.3	4.7	4.7	6.0	5.7	6.0	5.0	5.7	5.3	5.0	4.7	5.2
BARLENNIUM	6.0	6.0	4.7	5.7	4.7	5.7	6.0	6.0	5.0	4.7	4.7	4.7	5.0	5.2
BRIGHTSTAR SLT	6.3	5.7	4.3	5.0	5.0	6.0	6.0	5.7	5.3	5.3	5.0	4.3	4.7	5.2
BAR LP 4317	6.0	5.3	4.3	4.7	4.7	5.7	6.0	5.7	5.7	5.3	4.7	4.7	4.7	5.1
PINNACLE	5.3	6.0	4.7	4.3	4.3	5.7	5.7	5.7	5.3	5.3	5.0	4.3	5.0	5.1
PANTHER	5.7	5.3	4.3	5.0	4.7	6.0	5.7	5.7	5.7	4.7	4.7	4.3	4.3	5.0
PREMIER	5.3	5.3	4.7	4.3	4.7	6.0	5.7	5.7	5.3	5.3	4.7	4.0	4.3	5.0
SRX 4682	6.3	5.0	4.0	5.0	4.3	5.7	5.7	5.7	5.7	5.0	5.0	4.3	4.7	5.0
LPR 02203	5.7	5.3	4.0	4.7	4.3	6.0	5.3	5.7	5.7	5.0	4.7	4.0	4.3	4.9
AFFINITY	5.3	5.0	4.0	4.7	4.3	5.7	5.7	6.0	5.3	4.7	4.0	3.7	4.3	4.8
LINN	5.0	4.7	4.3	4.0	3.7	5.0	4.3	4.7	4.7	4.0	4.0	3.7	4.0	4.3
LSD VALUE	0.9	1.0	1.1	1.1	1.0	1.9	1.0	1.2	1.2	0.9	1.1	0.9	1.2	0.5
C.V. (%)	7.6	9.1	11.9	10.3	9.7	7.9	8.2	9.6	9.4	8.4	10.6	10.0	10.7	5.4

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 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF SPOT	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
UNO (D04-11T)	7.3	8.3	7.7	8.0	8.0	8.0	8.7	8.3	8.1
ZOOM (LCK)	7.7	9.0	7.3	8.3	8.0	8.0	7.7	8.7	8.0
DERBY XTREME (IS-PR 268)	8.0	7.7	7.3	7.7	7.0	8.7	7.7	8.0	7.7
FIESTA 4 (PICK F4)	7.3	8.0	8.7	7.0	7.7	7.0	8.0	8.0	7.7
PALACE (IS-PR 273)	8.0	8.0	7.7	8.0	7.0	7.3	8.0	7.0	7.5
PALMER IV	8.3	7.0	7.0	7.0	7.7	7.3	8.3	7.7	7.5
PALMER V (RNS)	6.7	8.3	6.7	7.3	7.3	7.3	8.7	7.7	7.5
STELLAR GL (IS-PR 236)	8.7	7.7	7.0	7.0	6.7	7.7	8.3	8.0	7.4
AMAZING GS (IS-PR 276)	7.7	6.7	7.7	7.3	6.7	7.3	7.7	7.3	7.3
ALLSTAR 3 (IS-PR 274)	8.0	7.3	7.0	7.7	6.3	7.0	7.7	7.3	7.2
HOMERUN (RG3P)	7.0	6.3	7.3	7.7	8.0	6.7	7.0	6.7	7.2
MONTEREY 3 (JR-408)	6.3	4.3	7.0	8.3	7.3	7.3	7.3	5.7	7.2
REVENGE GLX (JR-348)	7.3	5.7	7.0	6.7	7.0	7.7	8.3	6.3	7.2
ASP6003 (TRS)	8.7	3.7	7.7	7.0	7.3	7.7	7.0	5.7	7.1
ATTRIBUTE (IS-PR 270)	7.7	6.3	7.3	7.3	6.7	7.3	7.3	6.7	7.1
KEYSTONE 2 (IS-PR 312)	6.7	6.3	6.3	7.7	7.0	7.7	7.3	6.3	7.1
NEXUS XR (SNR)	8.3	5.3	7.7	7.3	7.0	7.0	7.7	6.0	7.1
PRESIDIO (CNV)	7.7	4.7	7.0	7.7	6.3	7.7	7.7	6.0	7.1
PROTEGE GLR	7.0	7.7	7.0	7.0	6.0	7.0	7.7	7.7	7.1
SOPRANO (DP1)	8.3	6.7	7.3	6.3	6.0	7.3	8.7	7.0	7.1
APPLE GL (AAZ-B104)	7.7	7.3	7.3	6.3	6.3	6.3	8.3	7.3	7.0
CHIVALRY (APR 1648)	8.0	6.3	6.3	7.0	6.3	7.0	8.0	7.3	7.0
EXACTA II GLSR (LTP-611-GLSR)	7.3	7.0	6.3	6.7	7.0	7.3	7.7	7.0	7.0
PLEASURE SUPREME (PM 103)	7.3	5.3	7.0	7.0	7.7	6.7	7.7	6.0	7.0
PST-2AG4	7.0	6.0	7.0	7.3	7.0	6.7	7.7	6.3	7.0
ASP6002 (BPR)	8.7	3.7	7.0	7.7	7.3	6.7	7.7	5.3	6.9
ASP6006 (LPFG)	8.0	5.3	7.7	7.0	7.0	7.3	7.3	5.3	6.9
FIJI (GPR)	8.0	5.0	7.0	7.0	7.0	7.3	7.7	5.7	6.9
NEXUS XD (SP4)	9.0	4.7	7.3	6.7	7.0	6.7	8.0	5.7	6.9
PARAGON GLR	7.7	7.7	6.3	6.7	6.3	6.7	8.0	7.3	6.9
TOP GUN II (JR-324)	7.0	4.7	6.7	7.7	7.7	7.0	7.3	5.0	6.9
TR47	8.7	4.7	7.3	7.7	7.0	7.7	6.7	5.0	6.9
WIND DANCE 2 (PWDR)	8.3	4.7	7.3	6.7	6.3	7.7	8.0	5.3	6.9
ASP6004 (EXS54)	7.7	5.0	7.3	7.0	6.3	7.3	7.3	5.3	6.8
ASP6005 (AJM)	8.7	5.0	7.3	7.0	7.0	7.0	7.3	5.3	6.8
FOREVER (DP 17-9499)	6.7	6.7	6.7	7.0	7.3	6.3	7.0	6.3	6.8
GALATTI (DP 17-9502)	6.7	6.7	6.7	7.7	7.0	6.3	7.0	6.0	6.8
KOKOMO II (IS-PR 235)	8.3	8.0	5.7	6.0	6.0	7.0	8.3	8.0	6.8
MACH I	7.3	6.0	6.7	7.0	6.7	6.3	8.0	6.3	6.8
DASHER 3 (PICK RB-1)	7.0	5.7	7.0	6.7	6.0	6.3	8.0	6.0	6.7
DELAWARE XL (PICK 01-2)	8.3	6.3	6.7	6.7	7.0	6.7	7.3	5.7	6.7
GRAY FOX (PST-2MNG)	6.7	6.7	6.7	6.3	6.3	7.0	8.0	6.0	6.7
MMW	7.7	7.0	6.7	6.7	6.7	6.3	8.3	5.7	6.7
PALMER GLS (GL-2)	7.0	6.0	6.7	6.7	6.7	7.0	7.0	6.0	6.7
PRIMARY (IS-PR 269)	6.7	6.3	6.3	6.7	6.7	7.3	7.3	6.0	6.7
PROTOTYPE (DCM)	6.7	6.3	6.7	7.0	7.0	7.0	6.3	6.3	6.7
TRANSFORMER (D04-1667)	7.0	5.7	6.3	6.7	6.7	7.0	7.3	6.0	6.7

TABLE 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF SPOT	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
1G SQUARED (APR 1664)	7.0	5.7	6.3	6.0	6.7	6.7	7.7	6.3	6.6
FIREBOLT (PRG HS-01-09)	8.3	3.7	7.0	7.0	6.7	7.3	7.0	4.3	6.6
GRAND SLAM 2 (PST-2GSM)	6.3	6.0	6.7	6.0	7.3	5.3	7.3	6.7	6.6
MAJESTY II (VB77)	7.3	5.0	7.7	7.3	7.0	6.3	5.7	5.3	6.6
MANHATTAN 5 GLR (PST-2AM)	6.3	5.7	6.3	7.0	7.0	6.3	7.3	5.7	6.6
NOTABLE (AF)	6.3	5.0	6.3	6.3	6.0	6.7	7.7	6.7	6.6
OVERDRIVE	7.0	6.7	6.7	7.7	7.0	7.3	6.0	5.0	6.6
PACESETTER II (PS-2)	6.3	4.3	7.3	6.7	6.3	6.3	7.3	5.7	6.6
PINNACLE II	6.7	5.3	6.7	6.3	6.7	7.0	6.7	6.0	6.6
PIZZAZZ	6.7	5.7	7.0	6.3	6.0	7.0	7.0	6.0	6.6
QUICKSILVER	7.3	4.7	6.7	7.7	7.0	6.0	6.7	5.3	6.6
VB99	8.3	5.0	6.7	6.7	7.0	7.3	6.7	5.0	6.6
ASP6001 (RTS)	8.0	4.7	7.0	6.7	6.7	6.7	7.3	4.7	6.5
CUTTER II (PM 101)	8.0	4.7	7.7	7.0	7.0	6.3	5.7	5.3	6.5
PST-217	6.7	4.7	7.0	7.0	7.0	6.0	6.3	5.7	6.5
REGAL 5 (IS-PR 271)	8.7	6.0	7.0	7.0	6.3	5.7	7.0	6.0	6.5
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	4.3	6.3	7.0	6.7	6.7	6.7	5.7	6.5
SILVER DOLLAR	7.3	5.0	6.7	7.0	6.3	6.3	7.3	5.3	6.5
CALYPSO 3 (MS2)	7.7	5.0	7.7	6.7	7.0	6.3	6.0	5.0	6.4
HALO (KN42)	8.7	3.3	6.7	6.7	6.3	7.0	7.0	4.7	6.4
INSPIRE	6.0	5.7	6.0	6.0	6.7	6.7	7.7	5.3	6.4
PANTHER GLS	7.0	5.3	6.7	7.0	6.7	6.3	6.7	5.3	6.4
PICK 02-R	8.0	3.0	8.0	7.0	6.3	6.0	6.7	4.3	6.4
GRAY STAR (PST-2LGL)	6.3	4.7	7.3	7.3	6.0	5.7	6.3	5.0	6.3
LA QUINTA (JR-255)	7.0	3.7	7.0	6.7	6.7	6.3	6.7	4.3	6.3
PM 102	8.7	5.0	6.7	6.7	6.7	5.7	6.7	5.7	6.3
WAYFARER (L44)	8.3	3.3	7.3	6.7	6.3	6.0	6.7	4.7	6.3
CITATION FORE	6.7	6.0	5.7	6.7	5.7	6.3	7.0	6.0	6.2
D04-LP05	7.0	5.3	6.3	6.3	6.3	6.0	7.3	4.7	6.2
ES45	8.3	4.7	7.0	6.3	6.0	6.3	6.3	5.0	6.2
BUENA VISTA	7.3	6.0	6.3	6.3	5.3	6.0	7.0	5.7	6.1
CADDIESHACK II (JR-163)	5.7	2.7	6.3	7.7	6.3	6.0	6.7	3.7	6.1
DART (APR 1663)	6.7	5.3	6.3	5.3	6.0	5.7	7.0	6.0	6.1
DEFENDER (D04-UP)	7.0	5.7	6.3	5.7	6.0	5.7	7.0	5.7	6.1
LINE DRIVE GLS (APR 1797)	6.3	4.7	6.3	6.7	6.0	5.3	6.7	5.3	6.1
REPELL GLS	7.0	5.3	5.7	5.7	6.3	6.0	6.7	6.0	6.1
SUNSHINE 2	8.0	2.7	7.0	6.3	6.7	6.3	6.3	4.0	6.1
HARRIER (SRX 4UP3)	7.0	5.3	6.3	5.3	5.7	6.3	6.7	5.7	6.0
SR 4600 (SRX 4SP)	6.7	7.0	5.7	5.3	5.3	6.3	7.0	6.3	6.0
BAR LP 4420	6.3	5.0	6.0	6.3	5.7	6.0	6.7	5.0	5.9
CABO II (IS-PR 233)	8.3	4.3	6.3	7.3	6.0	5.7	5.7	4.7	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	4.3	6.0	6.7	6.0	5.7	6.3	4.7	5.9
FUSION	7.7	5.0	6.3	6.3	5.7	5.7	6.3	5.3	5.9
HEADSTART 2	7.7	2.3	7.0	6.7	5.7	6.0	6.3	3.7	5.9
PHENOM (APR 1660)	6.7	5.3	6.0	5.7	6.0	6.0	7.0	5.0	5.9
ACCENT II (JR-119)	5.7	4.3	6.3	7.0	5.7	5.7	5.7	4.3	5.8
BACCARAT (RAD-PR8)	6.3	5.3	6.7	6.0	5.3	5.7	6.0	5.3	5.8

TABLE 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF SPOT	QUALITY RATINGS						MEAN
			MAY	JUN	JUL	AUG	SEP	OCT	
E-99	7.0	4.0	5.7	5.7	6.3	5.3	7.3	4.7	5.8
EDGE II (AC2)	7.0	3.7	6.7	6.7	6.3	5.0	6.0	4.3	5.8
HAWKEYE 2 (SRX 4692)	7.0	4.0	5.3	6.3	6.7	6.0	6.3	4.3	5.8
PIANIST (DP 17-9505)	6.0	4.3	6.3	7.3	5.3	5.7	5.7	4.3	5.8
BREA (04-BRE)	7.0	4.0	6.0	5.7	6.7	6.0	5.3	4.3	5.7
BRIGHTSTAR SLT	5.0	3.7	6.3	6.0	6.0	5.0	6.3	4.3	5.7
PALMER III	5.7	5.3	5.7	5.7	6.0	5.0	6.7	5.0	5.7
PENTIUM	5.7	4.7	5.7	6.3	6.0	5.3	6.3	4.7	5.7
PLATEAU (PST-2LAN)	5.3	4.7	6.0	5.7	6.0	5.0	6.3	5.3	5.7
RINGER II (04-BEN)	6.0	4.7	6.0	6.0	5.3	6.0	6.0	4.7	5.7
BAR LP 4317	5.0	4.3	5.7	7.0	6.0	5.0	6.3	3.7	5.6
BARLENNIUM	5.7	4.3	6.3	5.3	5.3	5.3	6.3	4.7	5.6
GOALKEEPER II (JR-114)	6.3	2.3	6.0	6.3	6.7	4.7	5.7	3.3	5.4
PREMIER II	5.7	4.0	5.7	6.0	5.7	4.7	6.3	4.0	5.4
BAR LP 4920	6.7	2.7	5.3	6.3	6.0	5.0	5.3	4.0	5.3
DP 17-9788	5.0	4.7	5.3	6.0	5.0	5.3	5.7	4.3	5.3
PST-2BLK	8.0	1.3	6.3	5.7	4.7	5.7	6.3	3.0	5.3
LS 2300 (APR 1670)	6.0	4.7	5.7	5.7	5.7	4.3	5.3	4.3	5.2
SRX 4682	5.3	4.7	5.0	5.7	4.3	4.3	5.7	4.0	4.8
PANTHER	4.7	3.0	5.3	6.0	4.7	4.7	4.7	3.0	4.7
AFFINITY	3.3	3.7	4.3	5.0	4.7	4.7	5.7	3.3	4.6
LPR 02203	4.0	5.3	5.3	6.0	4.7	3.7	3.7	3.7	4.5
PREMIER	4.0	4.7	4.3	5.0	4.7	4.3	4.3	3.3	4.3
PINNACLE	4.0	3.7	3.3	3.3	3.0	3.3	4.7	3.0	3.4
LINN	2.0	8.0	1.3	1.0	1.0	1.0	1.0	1.0	1.1
LSD VALUE	1.0	1.2	0.9	1.2	1.3	1.3	1.4	1.1	0.7
C.V. (%)	9.7	15.5	9.0	11.2	12.9	13.3	12.5	13.7	7.5

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 18. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SUMMER	PERCENT RED THREAD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
REVENGE GLX (JR-348)	7.3	97.5	27.0	6.7	4.7	5.3	7.7	7.0	6.7	8.7	8.0	6.8
UNO (D04-11T)	5.0	95.5	20.0	5.3	5.0	6.3	7.7	7.3	5.7	7.0	7.7	6.5
EXACTA II GLSR (LTP-611-GLSR)	5.0	96.5	19.3	5.7	4.3	6.3	6.0	7.0	7.0	7.0	8.0	6.4
WIND DANCE 2 (PWDR)	5.3	97.0	23.3	6.0	5.7	5.3	5.7	7.0	7.3	7.0	7.3	6.4
ALLSTAR 3 (IS-PR 274)	4.7	97.0	17.7	6.3	5.3	5.3	6.7	6.7	6.0	7.0	7.3	6.3
PROTOTYPE (DCM)	3.7	97.5	15.7	5.3	5.3	7.0	6.3	6.3	5.0	7.7	7.7	6.3
CALYPSO 3 (MS2)	5.3	96.5	19.0	6.3	5.7	5.3	6.0	5.7	6.0	7.7	7.0	6.2
PRESIDIO (CNV)	4.7	98.0	18.7	6.3	5.0	6.0	6.3	6.3	6.7	6.7	6.3	6.2
SOPRANO (DP1)	3.3	86.5	11.7	6.7	5.0	6.7	6.3	5.7	5.3	7.0	6.7	6.2
ASP6004 (EXS54)	6.0	97.0	21.0	5.3	5.3	6.0	7.0	6.7	5.7	6.3	6.7	6.1
ATTRIBUTE (IS-PR 270)	4.7	96.5	17.7	6.0	5.0	5.3	7.0	6.3	5.7	7.3	6.3	6.1
PROTEGE GLR	5.7	96.0	24.3	5.7	4.3	6.0	6.0	6.3	6.0	7.0	7.3	6.1
REGAL 5 (IS-PR 271)	4.7	95.0	15.3	5.7	5.0	6.7	6.3	6.3	6.3	6.0	6.3	6.1
ZOOM (LCK)	4.0	97.5	15.3	6.0	5.0	5.3	7.0	6.0	6.3	6.7	6.3	6.1
AMAZING GS (IS-PR 276)	4.3	97.0	16.7	6.0	5.3	5.7	6.0	6.7	5.3	7.0	6.3	6.0
BACCARAT (RAD-PR8)	5.3	97.0	22.0	6.7	4.7	5.3	6.3	6.3	5.3	5.7	7.3	6.0
FIESTA 4 (PICK F4)	4.7	98.0	21.7	5.3	4.0	5.0	7.7	6.3	6.7	6.7	6.7	6.0
FOREVER (DP 17-9499)	5.0	95.5	21.3	6.3	5.0	6.0	6.0	6.0	5.3	7.3	6.3	6.0
HOMERUN (RG3P)	5.0	98.0	20.3	5.3	4.7	5.3	6.7	6.3	5.3	6.7	7.3	6.0
KOKOMO II (IS-PR 235)	5.3	97.5	19.7	6.0	4.3	5.3	6.7	6.7	6.0	6.0	6.7	6.0
NEXUS XD (SP4)	5.0	97.0	19.0	6.0	5.0	6.0	6.0	6.0	6.0	7.0	6.0	6.0
PARAGON GLR	5.3	97.0	23.0	6.7	4.7	5.0	6.7	5.7	6.3	5.7	7.0	6.0
APPLE GL (AAZ-B104)	4.3	66.0	20.0	5.7	4.7	6.0	6.0	6.7	5.3	6.0	6.7	5.9
CHIVALRY (APR 1648)	6.3	97.5	25.0	6.3	4.7	5.0	6.7	6.0	5.7	6.7	6.3	5.9
ASP6001 (RTS)	4.7	96.0	18.7	5.7	5.7	6.0	5.7	6.7	5.0	6.3	6.0	5.9
DEFENDER (D04-UP)	4.3	96.5	16.0	6.3	4.0	6.3	6.7	6.0	5.7	6.3	6.0	5.9
HALO (KN42)	6.3	97.0	23.3	5.7	4.7	5.3	6.7	5.3	6.0	6.0	7.7	5.9
HARRIER (SRX 4UP3)	4.0	96.5	16.3	6.7	5.0	5.7	6.3	5.7	5.0	6.7	6.0	5.9
KEYSTONE 2 (IS-PR 312)	3.7	97.5	19.3	6.7	4.7	5.7	6.7	6.0	5.0	5.7	6.7	5.9
PALACE (IS-PR 273)	6.7	96.0	22.7	6.7	4.0	6.0	6.3	6.0	5.3	6.7	6.3	5.9
PALMER IV	5.0	98.0	21.3	5.3	4.3	6.0	6.7	6.0	5.7	6.7	6.7	5.9
PALMER V (RNS)	5.3	97.0	24.0	6.0	4.7	5.0	6.3	6.7	5.7	6.0	6.7	5.9
SR 4600 (SRX 4SP)	4.3	97.0	20.0	7.0	5.0	6.0	5.7	6.0	5.3	6.0	6.0	5.9
ASP6006 (LPFG)	6.3	93.5	26.3	6.3	5.3	5.3	5.3	6.0	5.7	6.3	6.0	5.8
BRIGHTSTAR SLT	4.3	93.0	20.0	6.0	4.7	6.3	5.7	5.3	5.7	6.3	6.0	5.8
BUENA VISTA	4.3	96.0	17.7	6.0	4.0	6.0	6.0	6.0	5.7	6.0	6.7	5.8
DASHER 3 (PICK RB-1)	5.0	96.5	19.3	6.3	4.7	5.3	5.3	6.0	5.7	6.3	6.3	5.8
EDGE II (AC2)	5.0	95.5	20.0	6.0	4.7	5.7	6.3	5.3	5.3	6.7	6.0	5.8
GRAY STAR (PST-2LGL)	5.3	96.5	28.7	5.7	5.0	4.7	6.0	5.0	5.3	7.3	7.0	5.8
MAJESTY II (VB77)	4.7	97.0	16.3	5.3	4.7	5.7	7.0	6.0	5.7	5.3	6.7	5.8
NEXUS XR (SNR)	6.0	97.0	20.7	5.7	5.0	5.3	5.3	5.7	6.0	6.0	7.0	5.8
NOTABLE (AF)	4.3	97.5	20.3	5.7	4.3	5.7	6.3	6.0	5.3	6.7	6.7	5.8
PALMER GLS (GL-2)	5.3	96.5	22.0	6.0	4.0	5.0	6.0	6.3	5.7	6.3	6.7	5.8
PANTHER GLS	5.7	98.0	20.7	6.7	4.3	5.3	6.3	6.0	5.0	6.7	6.3	5.8
PENTIUM	4.3	98.5	19.7	5.3	4.3	5.7	6.3	6.3	6.0	6.0	6.0	5.8
STELLAR GL (IS-PR 236)	4.3	97.0	16.3	5.7	4.3	5.0	6.0	6.0	5.3	7.3	6.3	5.8
TR47	6.7	96.5	28.0	4.7	5.3	5.3	5.3	6.0	5.3	6.7	7.3	5.8

TABLE 18.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SUMMER	PERCENT RED THREAD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TRANSFORMER (D04-1667)	3.7	97.5	18.7	5.0	4.7	6.0	7.0	6.0	5.7	6.3	5.3	5.8
VB99	4.7	98.0	17.7	6.3	5.0	5.7	5.7	5.7	5.0	6.3	6.7	5.8
1G SQUARED (APR 1664)	4.3	97.0	19.0	5.7	3.7	6.0	5.7	6.0	6.0	6.3	6.3	5.7
ASP6002 (BPR)	6.7	96.0	20.0	5.3	5.0	5.7	5.3	6.3	5.3	6.7	6.0	5.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.3	77.5	15.7	5.3	4.7	6.7	6.3	5.3	4.7	6.0	6.7	5.7
DERBY XTREME (IS-PR 268)	4.3	97.5	19.0	5.0	4.7	5.7	7.0	6.0	5.3	6.3	5.7	5.7
ES45	5.7	97.0	23.7	5.7	4.7	5.0	5.3	5.3	6.0	6.7	7.0	5.7
FIJI (GPR)	6.0	96.5	27.0	5.3	5.0	5.3	5.3	5.7	5.3	7.0	6.3	5.7
MACH I	4.0	96.5	19.0	5.7	4.3	5.7	5.0	6.0	5.3	6.3	7.0	5.7
OVERDRIVE	3.3	97.0	16.3	5.3	4.7	6.0	6.3	5.3	5.7	6.3	5.7	5.7
PICK 02-R	6.3	98.0	25.0	5.3	4.3	4.7	6.0	5.7	5.7	6.3	7.3	5.7
REPELL GLS	5.3	97.0	20.7	6.7	4.0	5.3	5.3	5.3	5.0	7.0	6.7	5.7
TOP GUN II (JR-324)	5.3	97.0	23.7	5.0	5.3	4.7	5.7	6.0	5.7	6.3	6.7	5.7
WAYFARER (L44)	5.7	96.5	22.3	5.7	4.7	5.0	5.7	6.0	5.0	7.0	6.3	5.7
CUTTER II (PM 101)	5.3	96.0	28.0	5.3	4.7	5.0	5.3	6.0	5.3	6.7	6.3	5.6
D04-LP05	5.0	90.5	19.7	5.0	3.7	5.7	6.0	6.0	5.7	6.3	6.3	5.6
GRAND SLAM 2 (PST-2GSM)	4.7	95.5	22.7	6.0	5.7	6.0	5.7	5.3	5.3	5.3	5.7	5.6
INSPIRE	4.3	97.0	19.0	5.7	4.0	5.7	6.3	6.3	5.3	5.7	6.0	5.6
MMW	4.0	95.0	19.3	5.3	4.7	4.7	5.3	6.0	6.0	6.7	6.3	5.6
PIANIST (DP 17-9505)	4.0	96.5	16.5	6.3	5.0	5.7	5.0	5.7	4.7	6.3	6.0	5.6
PIZZAZZ	3.7	97.5	19.7	6.3	3.7	6.0	5.3	5.7	5.3	6.0	6.7	5.6
PLEASURE SUPREME (PM 103)	5.3	97.0	22.0	5.0	4.7	4.7	5.3	5.7	6.3	7.0	6.3	5.6
ACCENT II (JR-119)	6.0	85.0	24.0	5.3	4.7	5.0	5.3	5.7	5.7	6.7	5.7	5.5
ASP6005 (AJM)	6.0	97.0	25.3	6.3	5.3	5.0	5.7	5.3	4.7	6.3	5.7	5.5
BARLENNIUM	5.7	96.5	21.0	5.7	4.3	5.0	6.0	6.0	5.7	5.3	5.7	5.5
CABO II (IS-PR 233)	4.7	97.0	20.0	5.7	4.7	5.3	5.0	6.0	4.7	6.3	6.3	5.5
CADDIESHACK II (JR-163)	3.3	92.5	14.7	6.3	4.3	5.3	6.0	5.0	5.0	6.3	6.0	5.5
FIREBOLT (PRG HS-01-09)	5.7	88.5	26.0	5.7	4.3	5.3	5.0	5.7	5.3	6.3	6.0	5.5
GALATTI (DP 17-9502)	4.7	96.5	20.3	6.0	5.0	5.3	4.7	5.3	4.7	7.0	6.3	5.5
LINE DRIVE GLS (APR 1797)	5.3	96.5	21.0	7.0	4.3	5.0	5.3	5.7	5.3	5.7	6.0	5.5
MONTEREY 3 (JR-408)	3.0	95.0	14.0	4.7	5.3	5.3	6.0	5.0	5.7	6.7	5.7	5.5
PACESETTER II (PS-2)	4.7	96.0	21.0	5.7	4.3	5.3	5.7	6.0	5.3	6.0	6.0	5.5
PHENOM (APR 1660)	6.3	96.5	25.3	6.3	4.3	4.3	5.0	6.3	5.0	6.0	6.7	5.5
PINNACLE II	4.3	89.0	23.0	5.3	4.7	5.0	6.0	5.7	5.3	6.0	6.0	5.5
PLATEAU (PST-2LAN)	4.3	96.5	22.0	5.7	4.3	5.0	6.3	6.0	5.0	6.0	5.7	5.5
PRIMARY (IS-PR 269)	4.3	96.5	17.0	6.3	4.7	5.0	5.7	6.0	5.3	5.7	5.3	5.5
SILVER DOLLAR	6.0	98.5	24.7	5.7	4.7	5.0	6.0	5.7	5.3	6.3	5.7	5.5
SUNSHINE 2	5.0	97.5	26.7	5.3	4.7	4.7	5.0	5.3	6.0	6.7	6.3	5.5
ASP6003 (TRS)	6.7	98.0	22.7	5.7	4.7	5.7	4.7	5.3	5.0	6.0	6.3	5.4
DART (APR 1663)	7.3	97.0	33.7	6.3	3.3	4.7	5.3	6.0	5.3	5.7	6.3	5.4
DELAWARE XL (PICK 01-2)	6.0	97.0	26.3	6.0	4.7	4.0	5.0	5.0	5.3	7.0	6.3	5.4
FUSION	4.3	84.0	20.7	5.7	3.7	5.0	5.3	6.7	4.7	6.0	6.0	5.4
HAWKEYE 2 (SRX 4692)	5.0	96.5	19.0	5.0	4.7	5.0	5.7	5.3	5.3	6.0	6.0	5.4
HEADSTART 2	4.7	96.0	18.7	6.3	4.3	4.7	5.3	5.3	5.7	6.7	4.7	5.4
LS 2300 (APR 1670)	5.3	95.0	22.3	6.0	4.3	5.3	5.7	5.3	4.7	5.7	6.3	5.4
PM 102	5.3	98.0	18.7	6.3	4.3	5.0	5.0	5.0	5.0	6.7	6.0	5.4
PST-217	4.7	78.5	19.3	5.3	4.7	4.0	5.7	5.7	5.7	6.0	6.3	5.4

TABLE 18.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

	GENETIC	PERCENT	PERCENT	QUALITY RATINGS								
NAME	COLOR	COVER	RED	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
		SUMMER	THREAD									
PST-2AG4	4.7	97.5	21.3	5.7	4.7	4.7	5.0	5.3	5.3	6.0	6.7	5.4
QUICKSILVER	5.0	98.0	23.7	5.0	4.3	5.7	5.3	5.3	5.0	6.7	6.0	5.4
SRX 4682	3.3	94.0	15.7	5.3	4.7	5.7	5.3	5.0	5.0	6.0	6.3	5.4
CITATION FORE	5.3	95.0	24.3	5.7	4.3	4.7	5.0	5.7	5.3	6.3	5.7	5.3
E-99	4.7	97.0	25.3	5.7	3.7	5.3	6.3	5.7	5.3	5.3	5.3	5.3
GOALKEEPER II (JR-114)	4.0	97.0	17.0	6.3	4.7	4.7	4.7	5.7	5.0	5.7	5.3	5.3
MANHATTAN 5 GLR (PST-2AM)	5.3	97.0	19.3	5.0	4.3	4.7	5.7	5.7	5.7	5.7	6.0	5.3
PST-2BLK	5.0	93.5	19.3	5.0	4.7	5.7	5.0	5.3	4.7	6.0	6.3	5.3
BAR LP 4317	4.3	97.5	20.0	5.7	4.0	4.7	5.7	5.3	5.3	5.3	5.7	5.2
PREMIER II	4.3	96.0	21.3	6.7	3.7	4.7	5.0	5.7	5.7	5.3	5.0	5.2
SECRETARIAT II GLSR (LTP-101-GLSR)	4.0	94.0	15.3	5.7	4.3	5.7	5.7	5.3	4.3	6.0	4.7	5.2
DP 17-9788	5.0	97.0	22.5	5.7	3.7	5.0	5.3	5.0	4.7	5.7	6.0	5.1
LA QUINTA (JR-255)	5.3	81.5	19.3	4.7	4.3	5.7	5.7	5.0	4.7	6.7	4.3	5.1
BAR LP 4420	6.0	97.5	23.7	5.3	4.3	4.3	5.0	5.0	5.0	6.0	5.0	5.0
GRAY FOX (PST-2MNG)	6.0	78.5	27.0	4.7	4.3	4.3	4.7	5.7	5.0	5.7	5.7	5.0
RINGER II (04-BEN)	5.0	97.0	23.7	5.0	4.3	4.3	5.0	5.3	5.3	5.7	5.3	5.0
BAR LP 4920	5.0	96.5	22.3	5.3	4.0	4.3	4.7	5.0	4.7	5.7	5.3	4.9
BREA (04-BRE)	4.7	96.5	22.3	5.0	4.0	4.7	4.3	5.0	5.7	5.3	5.3	4.9
PANTHER	3.7	97.0	16.7	5.7	3.0	5.7	4.7	4.7	4.7	5.7	5.3	4.9
AFFINITY	3.7	95.5	21.0	5.7	3.0	4.3	4.3	4.7	4.3	6.3	5.3	4.8
PALMER III	5.7	96.5	27.3	5.0	3.0	5.0	4.3	5.3	4.7	5.0	5.7	4.8
LPR 02203	3.0	95.0	16.0	4.3	3.3	5.0	4.7	4.7	5.0	5.0	4.7	4.6
PREMIER	3.0	96.5	18.7	5.7	3.0	4.7	4.0	4.3	4.0	5.0	4.7	4.4
PINNACLE	2.7	96.5	17.7	6.0	3.0	4.0	4.3	4.0	4.3	5.0	4.0	4.3
LINN	3.0	55.0	25.3	4.7	2.0	2.0	1.0	1.0	1.0	3.0	2.0	2.1
LSD VALUE	2.8	22.3	20.1	3.6	1.7	2.2	1.7	1.1	2.5	2.5	2.2	0.9
C.V. (%)	25.3	7.3	27.5	16.2	17.8	17.4	16.5	11.8	18.0	15.5	16.8	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 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	SPRING	SNOW	QUALITY RATINGS							
	COLOR	GREENUP	MOLD	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CHIVALRY (APR 1648)	7.7	7.3	6.0	7.0	7.7	6.3	7.0	7.0	6.7	6.0	6.8
ASP6003 (TRS)	8.0	5.3	5.0	6.0	7.7	7.0	7.0	6.7	6.3	7.0	6.8
ASP6006 (LPFG)	8.0	6.7	5.3	6.3	8.0	7.0	6.7	6.7	6.3	5.7	6.7
MACH I	7.3	6.0	6.3	6.3	7.7	6.3	6.7	6.7	6.0	6.3	6.6
PICK 02-R	9.0	4.3	4.7	5.0	7.7	8.0	6.3	6.7	6.3	6.3	6.6
DERBY XTREME (IS-PR 268)	7.3	7.0	8.0	6.7	7.0	6.0	6.7	6.7	6.0	5.7	6.4
KEYSTONE 2 (IS-PR 312)	6.3	6.0	6.7	5.3	6.0	5.7	6.7	8.3	7.0	5.7	6.4
MMW	6.7	6.3	4.3	5.7	6.3	6.7	6.7	6.7	7.0	5.7	6.4
NEXUS XR (SNR)	8.0	5.3	3.7	4.7	7.7	6.0	6.3	7.0	6.3	6.7	6.4
VB99	7.0	6.3	4.3	5.7	7.7	7.0	6.3	7.0	5.7	5.3	6.4
CALYPSO 3 (MS2)	7.0	5.7	6.3	4.3	7.0	5.7	6.7	6.3	7.7	6.7	6.3
EDGE II (AC2)	7.3	5.3	5.0	5.0	8.0	6.0	6.3	6.0	6.7	6.3	6.3
ES45	8.0	5.3	4.7	5.3	7.7	6.7	6.0	5.7	6.3	6.3	6.3
FIESTA 4 (PICK F4)	6.7	6.0	5.7	5.3	6.0	7.0	6.7	6.3	6.3	6.7	6.3
ZOOM (LCK)	6.7	7.0	7.7	5.7	7.0	6.0	6.3	6.7	6.7	5.7	6.3
AMAZING GS (IS-PR 276)	7.0	6.0	7.0	5.0	6.0	7.0	5.7	6.3	7.0	6.3	6.2
ASP6002 (BPR)	7.3	6.0	5.7	6.7	7.7	6.7	6.0	5.7	5.7	5.3	6.2
ASP6005 (AJM)	7.7	6.0	4.7	5.3	6.7	6.7	6.7	6.3	5.7	6.0	6.2
BUENA VISTA	6.7	6.7	5.7	6.0	6.7	6.0	6.3	6.3	6.0	6.0	6.2
CUTTER II (PM 101)	7.0	6.3	4.7	5.7	6.7	6.7	7.0	6.7	5.3	5.7	6.2
MAJESTY II (VB77)	7.3	5.7	6.3	5.3	7.3	6.0	6.0	6.3	6.3	6.0	6.2
REGAL 5 (IS-PR 271)	7.0	6.7	6.3	6.7	6.3	6.3	6.7	6.3	5.7	5.3	6.2
WAYFARER (L44)	7.7	5.7	5.3	5.7	7.3	6.7	6.7	6.0	5.3	5.7	6.2
ASP6004 (EXS54)	6.7	6.3	5.0	5.0	7.0	6.0	6.0	6.3	6.3	6.3	6.1
FIREBOLT (PRG HS-01-09)	7.0	5.3	3.7	4.7	8.0	6.0	5.0	7.0	6.3	5.7	6.1
HOMERUN (RG3P)	6.7	5.7	5.3	4.0	7.3	6.3	6.3	6.7	6.3	5.7	6.1
KOKOMO II (IS-PR 235)	6.7	5.3	5.3	5.0	6.3	6.3	6.0	6.7	6.3	6.0	6.1
NEXUS XD (SP4)	7.7	5.0	4.3	4.7	7.3	6.3	5.7	6.3	6.3	6.0	6.1
PALACE (IS-PR 273)	6.7	6.3	6.3	5.3	6.0	6.0	6.0	6.7	6.0	6.7	6.1
PALMER V (RNS)	7.0	7.0	6.7	6.0	6.7	5.7	6.0	6.3	7.0	5.3	6.1
TR47	7.7	4.7	2.3	4.3	7.0	6.3	6.3	5.7	6.3	6.7	6.1
1G SQUARED (APR 1664)	6.0	7.0	7.3	6.3	6.3	5.0	5.3	6.7	7.0	5.7	6.0
ASP6001 (RTS)	7.0	5.3	6.0	5.7	7.7	5.7	5.3	5.0	6.3	6.0	6.0
DASHER 3 (PICK RB-1)	6.7	5.3	5.7	4.3	7.0	6.3	5.3	6.7	6.0	6.0	6.0
FIJI (GPR)	6.3	5.7	5.3	5.0	6.3	6.3	6.7	6.3	5.7	5.7	6.0
MONTEREY 3 (JR-408)	6.7	5.7	5.3	4.7	7.7	5.3	6.3	6.0	6.7	5.3	6.0
PARAGON GLR	7.0	6.7	7.7	6.3	6.0	5.3	6.0	6.7	5.7	5.7	6.0
PM 102	7.3	5.7	5.3	5.0	5.7	7.0	6.3	6.0	6.0	6.3	6.0
PRIMARY (IS-PR 269)	6.7	6.7	5.0	6.0	6.0	6.0	6.3	6.3	5.7	5.7	6.0
STELLAR GL (IS-PR 236)	7.0	5.7	6.3	5.7	6.7	6.3	5.7	5.3	6.3	6.3	6.0
UNO (D04-11T)	6.3	6.0	5.0	4.7	6.3	6.0	6.0	6.3	7.0	5.3	6.0
APPLE GL (AAZ-B104)	6.3	6.0	7.0	5.7	6.0	5.7	6.0	6.0	6.0	5.7	5.9
BACCARAT (RAD-PR8)	6.3	7.3	6.0	5.3	7.0	5.7	6.0	5.7	6.0	5.3	5.9
EXACTA II GLSR (LTP-611-GLSR)	6.7	6.0	5.0	4.7	6.0	6.3	6.0	6.7	5.7	5.7	5.9
HALO (KN42)	8.0	5.3	4.3	4.7	7.0	6.3	5.7	5.3	5.7	6.3	5.9
HARRIER (SRX 4UP3)	6.3	6.3	7.3	6.0	6.0	5.7	6.3	5.7	6.0	5.3	5.9
LINE DRIVE GLS (APR 1797)	7.3	6.0	4.3	5.0	6.3	6.0	6.0	6.0	6.3	5.7	5.9

TABLE 19.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	SNOW MOLD	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PALMER IV	6.7	6.7	6.0	5.3	6.0	5.7	7.0	6.0	5.7	5.7	5.9
PROTOTYPE (DCM)	6.3	6.0	7.3	5.7	7.3	5.7	5.7	5.0	6.3	5.3	5.9
PST-217	6.3	6.0	4.3	5.3	7.7	5.3	5.7	5.3	5.7	6.0	5.9
REVENGE GLX (JR-348)	7.7	6.3	5.3	5.3	5.7	6.0	6.3	6.0	6.0	5.7	5.9
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	7.0	6.7	7.0	6.0	6.0	5.7	5.3	5.7	5.3	5.9
SILVER DOLLAR	7.3	6.7	5.3	6.0	5.7	6.0	6.0	5.7	6.0	5.7	5.9
SOPRANO (DP1)	6.7	6.3	6.7	5.3	6.0	5.7	6.3	6.0	6.3	5.7	5.9
SR 4600 (SRX 4SP)	6.7	7.0	5.3	6.3	5.7	6.0	6.0	5.7	5.3	6.0	5.9
TOP GUN II (JR-324)	6.7	5.7	5.7	4.3	7.0	5.7	6.0	6.0	6.3	5.7	5.9
ATTRIBUTE (IS-PR 270)	6.7	7.0	5.0	5.7	6.3	6.0	6.3	5.0	5.7	5.3	5.8
DELAWARE XL (PICK 01-2)	7.0	5.3	4.3	4.3	7.0	6.7	6.0	5.3	5.3	5.7	5.8
GALATTI (DP 17-9502)	7.0	5.3	3.3	5.3	7.0	6.0	6.0	5.7	5.7	5.0	5.8
LA QUINTA (JR-255)	6.3	6.0	4.3	5.0	7.0	6.0	5.7	5.3	6.0	5.7	5.8
MANHATTAN 5 GLR (PST-2AM)	5.7	6.7	5.7	7.3	6.0	5.0	5.7	5.3	5.7	5.3	5.8
PIZZAZZ	6.7	6.7	4.7	6.0	6.3	5.3	5.7	6.7	5.0	5.3	5.8
PLEASURE SUPREME (PM 103)	6.3	6.3	5.3	5.0	7.0	6.0	6.0	5.7	5.7	5.0	5.8
PRESIDIO (CNV)	7.0	5.7	5.3	4.7	8.0	5.7	5.7	5.7	5.7	5.3	5.8
QUICKSILVER	6.3	5.0	3.3	5.3	6.7	6.0	5.7	5.3	5.7	5.7	5.8
SUNSHINE 2	7.3	6.3	5.7	4.7	7.0	6.0	5.3	6.0	6.0	5.7	5.8
WIND DANCE 2 (PWDR)	7.3	5.7	5.7	5.3	6.7	6.0	5.7	5.7	5.3	5.7	5.8
ACCENT II (JR-119)	6.0	6.7	5.7	6.7	6.3	5.3	5.7	5.3	6.0	4.7	5.7
BRIGHTSTAR SLT	5.7	6.3	4.7	6.0	6.3	5.7	5.7	5.7	5.3	5.3	5.7
CADDIESHACK II (JR-163)	6.3	6.3	4.7	5.3	6.0	5.7	6.3	6.0	5.7	5.0	5.7
INSPIRE	6.0	7.3	6.0	6.3	6.0	5.3	5.7	6.0	5.7	4.7	5.7
OVERDRIVE	7.0	6.3	7.0	6.0	5.7	5.7	5.3	6.0	5.7	5.7	5.7
PINNACLE II	6.0	6.3	6.0	5.7	7.3	5.0	5.3	5.3	5.7	5.3	5.7
DEFENDER (D04-UP)	6.3	6.0	6.7	5.7	6.0	5.3	5.7	5.7	5.7	5.3	5.6
GOALKEEPER II (JR-114)	7.3	4.7	3.7	4.3	6.7	5.3	5.0	5.3	7.0	5.3	5.6
GRAND SLAM 2 (PST-2GSM)	6.3	6.7	6.3	5.7	5.7	5.7	5.0	6.0	6.0	5.0	5.6
HAWKEYE 2 (SRX 4692)	6.7	5.7	5.3	5.3	6.0	5.7	6.0	5.7	5.7	5.0	5.6
HEADSTART 2	7.0	5.0	3.3	5.0	6.7	6.0	5.3	5.3	5.7	5.0	5.6
LS 2300 (APR 1670)	6.7	7.0	5.7	6.7	5.3	6.3	5.3	5.0	6.3	4.0	5.6
PHENOM (APR 1660)	7.0	5.3	4.0	4.7	5.3	5.7	6.0	5.7	6.0	5.7	5.6
PROTEGE GLR	5.7	5.7	5.3	5.0	6.7	5.7	3.7	5.7	6.0	6.7	5.6
TRANSFORMER (D04-1667)	5.0	7.0	6.0	6.3	6.7	5.0	5.7	5.0	5.7	5.0	5.6
ALLSTAR 3 (IS-PR 274)	6.0	5.7	5.7	3.7	6.3	5.0	5.0	6.0	6.7	5.7	5.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.7	6.0	5.0	5.0	5.3	5.0	5.7	5.7	6.7	5.0	5.5
GRAY FOX (PST-2MNG)	6.0	6.3	5.0	5.7	5.3	5.3	6.0	5.3	5.3	5.3	5.5
GRAY STAR (PST-2LGL)	6.0	5.3	5.0	5.0	7.3	5.3	5.0	5.7	5.3	5.0	5.5
PALMER GLS (GL-2)	6.3	5.0	5.3	4.3	6.7	5.0	6.0	5.0	5.7	5.7	5.5
PREMIER II	6.3	7.3	5.0	6.7	5.3	4.7	6.0	5.3	6.0	4.3	5.5
PST-2AG4	6.0	5.3	4.3	5.3	6.0	5.3	4.7	5.7	5.7	6.0	5.5
BREA (04-BRE)	6.0	5.7	5.0	5.0	6.7	5.3	5.3	5.3	5.3	4.7	5.4
D04-LP05	5.3	5.3	4.3	5.3	6.0	5.7	5.3	5.3	5.0	5.0	5.4
FUSION	6.3	5.7	5.0	5.0	5.7	5.0	5.3	6.0	5.7	5.0	5.4
REPELL GLS	6.0	6.7	6.0	6.3	5.0	5.7	5.7	5.7	5.0	4.7	5.4
RINGER II (04-BEN)	6.7	6.0	4.0	5.3	6.3	5.3	5.3	5.7	5.0	5.0	5.4

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	SNOW MOLD	APR	MAY	JUN	QUALITY RATINGS		SEP	OCT	MEAN
BAR LP 4420	6.3	6.3	5.0	5.0	6.3	5.3	5.3	5.0	5.3	5.0	5.3
BAR LP 4920	6.3	7.0	6.7	6.0	5.0	5.0	5.7	5.3	5.3	5.0	5.3
CABO II (IS-PR 233)	6.7	6.3	4.3	4.3	5.7	5.7	5.7	5.3	5.0	5.7	5.3
CITATION FORE	6.0	7.3	5.7	6.0	5.3	5.0	5.3	4.7	5.3	5.3	5.3
DART (APR 1663)	5.3	6.0	5.3	5.7	5.3	5.3	5.3	5.3	5.3	4.7	5.3
PACESETTER II (PS-2)	7.3	5.0	4.0	4.7	6.0	5.7	4.7	5.7	5.7	4.7	5.3
PANTHER GLS	6.0	6.7	6.3	5.3	6.7	5.0	5.0	5.3	5.3	4.7	5.3
PIANIST (DP 17-9505)	6.3	6.0	5.0	4.3	6.7	5.0	5.7	5.3	5.0	5.0	5.3
E-99	6.3	7.0	5.0	5.3	5.0	5.0	5.3	6.0	5.0	4.7	5.2
NOTABLE (AF)	5.3	5.7	4.3	4.7	6.7	5.3	4.7	4.7	5.3	5.0	5.2
PLATEAU (PST-2LAN)	6.0	6.0	4.0	5.3	5.7	5.3	5.3	5.3	5.3	4.0	5.2
DP 17-9788	5.7	6.7	4.7	5.3	5.3	5.3	5.3	5.0	5.3	4.3	5.1
BARLENNIUM	5.7	7.0	5.7	6.0	5.0	5.3	5.0	5.0	4.7	4.0	5.0
FOREVER (DP 17-9499)	6.0	6.7	7.0	5.0	6.0	4.7	5.0	4.7	4.7	5.0	5.0
PENTIUM	6.0	6.3	5.7	5.7	6.0	5.0	5.0	4.7	5.0	4.0	5.0
PST-2BLK	5.3	5.7	2.3	5.3	5.3	4.7	4.7	4.7	5.0	4.3	4.9
PALMER III	5.3	6.3	5.0	4.7	5.7	4.7	4.3	4.7	5.0	4.7	4.8
PANTHER	5.7	6.7	5.0	5.7	5.3	4.7	4.7	4.3	5.0	3.7	4.8
SRX 4682	5.3	6.3	4.0	5.3	5.0	4.7	4.7	5.0	4.7	4.3	4.8
BAR LP 4317	5.3	5.7	5.7	5.0	5.7	4.7	4.3	4.3	4.3	4.0	4.6
LPR 02203	4.7	6.3	3.3	4.7	5.3	4.7	5.0	4.0	4.3	4.3	4.6
PINNACLE	4.0	7.7	6.0	6.7	4.0	4.0	4.3	3.7	3.7	3.0	4.2
AFFINITY	4.0	7.3	4.7	5.7	3.3	4.0	4.3	4.0	3.7	3.7	4.1
PREMIER	4.0	6.3	4.0	5.0	3.7	3.3	3.7	4.0	3.0	3.0	3.7
LINN	2.7	7.0	2.3	4.7	2.3	2.3	1.7	2.3	1.3	1.3	2.3
LSD VALUE	1.1	2.3	3.1	5.3	1.5	1.3	1.4	1.3	1.5	1.3	0.7
C.V. (%)	11.1	15.4	27.3	22.4	13.8	13.1	14.2	13.4	14.5	14.3	7.8

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

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

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	BROWN PATCH		MAR	APR	MAY	QUALITY RATINGS				MEAN
		WARM	TEMP.				JUN	JUL	SEP	OCT	
FIESTA 4 (PICK F4)	7.3	3.3	5.7	8.3	7.7	8.0	7.0	6.3	7.0	7.1	
MONTEREY 3 (JR-408)	7.0	3.7	6.0	8.7	7.3	8.3	6.7	6.0	6.7	7.1	
GRAND SLAM 2 (PST-2GSM)	7.3	3.3	5.7	7.7	7.0	8.0	7.3	6.7	6.7	7.0	
PARAGON GLR	6.7	4.3	5.7	8.0	7.3	8.0	6.7	6.0	7.0	7.0	
TOP GUN II (JR-324)	7.0	4.7	5.0	8.0	8.0	8.7	6.0	6.3	7.0	7.0	
PALMER IV	7.3	4.3	5.0	8.3	7.7	8.0	6.0	6.3	6.7	6.9	
PLATEAU (PST-2LAN)	6.7	3.3	5.3	7.0	7.0	8.3	7.0	6.3	7.0	6.9	
DERBY XTREME (IS-PR 268)	6.7	4.7	5.7	8.0	7.0	8.3	5.7	6.0	6.7	6.8	
HOMERUN (RG3P)	6.0	4.0	6.0	7.7	7.3	7.7	6.3	5.7	6.7	6.8	
LA QUINTA (JR-255)	6.7	3.0	5.3	8.0	7.3	7.7	6.7	6.3	6.3	6.8	
PALMER GLS (GL-2)	6.3	2.3	5.0	8.7	7.7	8.3	5.3	6.0	6.3	6.8	
REVENGE GLX (JR-348)	6.0	4.0	6.0	8.3	7.0	7.0	6.3	6.0	6.7	6.8	
BUENA VISTA	7.0	2.0	5.3	7.0	6.7	7.7	7.3	6.3	6.7	6.7	
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	3.3	5.3	7.7	6.7	7.0	7.0	6.3	6.7	6.7	
GOALKEEPER II (JR-114)	6.3	3.0	6.0	7.7	6.7	7.0	7.7	5.7	6.0	6.7	
GRAY FOX (PST-2MNG)	7.0	2.3	5.0	7.0	6.7	7.7	6.3	7.0	7.0	6.7	
MANHATTAN 5 GLR (PST-2AM)	6.3	3.0	5.3	7.7	6.0	7.7	7.7	6.0	6.7	6.7	
PRIMARY (IS-PR 269)	6.3	2.7	6.3	7.3	6.3	8.0	6.3	6.0	6.3	6.7	
REPELL GLS	6.3	4.0	6.0	8.3	7.0	7.0	5.7	6.0	6.7	6.7	
STELLAR GL (IS-PR 236)	6.3	4.3	6.0	7.7	7.0	7.7	7.0	5.7	5.7	6.7	
ACCENT II (JR-119)	5.7	4.0	6.0	7.7	6.7	7.3	6.3	5.7	6.3	6.6	
ASP6004 (EXS54)	6.0	3.7	5.3	8.3	7.0	7.7	6.3	5.7	6.0	6.6	
ATTRIBUTE (IS-PR 270)	5.7	2.7	5.3	7.7	7.0	7.7	7.3	5.3	6.0	6.6	
OVERDRIVE	6.7	5.0	6.0	7.7	6.7	7.0	7.0	5.7	6.3	6.6	
PROTOTYPE (DCM)	6.3	3.0	5.3	7.3	7.3	7.7	6.7	5.7	6.0	6.6	
SOPRANO (DP1)	6.3	5.0	5.3	8.0	7.3	7.3	6.3	5.7	6.0	6.6	
CADDIESHACK II (JR-163)	6.0	3.0	5.3	7.3	7.3	7.3	7.3	5.3	5.7	6.5	
D04-LP05	6.3	4.0	6.0	7.7	6.3	6.7	6.0	6.0	7.0	6.5	
E-99	6.7	2.7	5.0	8.0	5.7	7.7	6.7	6.0	6.7	6.5	
KEYSTONE 2 (IS-PR 312)	6.7	4.3	5.0	7.7	7.3	6.7	6.7	5.7	6.3	6.5	
LINE DRIVE GLS (APR 1797)	7.0	5.3	5.7	7.3	6.7	7.0	6.0	6.0	6.7	6.5	
SECRETARIAT II GLSR (LTP-101-GLSR)	6.3	4.7	5.3	7.3	6.3	7.3	6.3	6.0	7.0	6.5	
SUNSHINE 2	6.0	4.7	5.3	8.3	7.0	6.7	6.3	5.7	6.0	6.5	
EDGE II (AC2)	5.7	4.3	5.3	7.7	7.7	7.3	5.7	5.3	5.7	6.4	
GRAY STAR (PST-2LGL)	6.0	3.3	5.3	7.0	7.0	7.3	6.0	5.7	6.3	6.4	
MAJESTY II (VB77)	6.7	4.3	5.7	7.3	7.0	6.7	5.3	6.0	7.0	6.4	
MMW	6.0	3.7	5.7	7.0	7.0	7.3	6.7	5.3	6.0	6.4	
PALACE (IS-PR 273)	6.0	5.0	5.7	7.7	7.3	8.0	5.3	5.3	5.3	6.4	
PST-217	6.0	2.7	5.7	7.3	6.7	6.7	6.7	5.7	6.3	6.4	
RINGER II (04-BEN)	6.0	4.0	5.0	6.7	6.3	8.0	6.7	5.7	6.3	6.4	
SR 4600 (SRX 4SP)	6.7	4.0	5.7	7.0	7.0	7.7	6.0	5.7	6.0	6.4	
UNO (D04-11T)	6.0	5.3	5.0	7.7	7.0	7.0	6.0	5.7	6.7	6.4	
CHIVALRY (APR 1648)	6.0	4.0	6.0	7.7	6.3	7.0	6.0	5.3	6.0	6.3	
EXACTA II GLSR (LTP-611-GLSR)	5.7	3.0	5.7	7.7	6.0	7.0	6.7	5.3	5.7	6.3	
HARRIER (SRX 4UP3)	5.7	4.3	6.0	7.0	6.3	8.0	6.0	5.3	5.7	6.3	
KOKOMO II (IS-PR 235)	5.3	2.3	5.3	6.7	6.7	7.7	6.7	5.3	6.0	6.3	
PACESETTER II (PS-2)	6.0	5.3	5.7	7.7	6.7	7.3	5.7	5.3	6.0	6.3	

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	BROWN PATCH	MAR	APR	MAY	QUALITY RATINGS				MEAN
		WARM TEMP.				JUN	JUL	SEP	OCT	
PALMER V (RNS)	6.7	5.0	5.0	7.0	6.7	7.3	5.3	6.3	6.3	6.3
PANTHER GLS	6.0	3.0	5.3	6.7	7.0	7.0	6.7	5.3	6.0	6.3
PLEASURE SUPREME (PM 103)	6.0	4.3	4.7	7.7	7.0	8.0	5.3	5.7	5.7	6.3
PROTEGE GLR	5.7	5.7	6.0	7.7	6.0	7.0	6.0	5.3	6.0	6.3
TRANSFORMER (D04-1667)	6.0	5.0	5.0	7.0	6.7	7.3	6.0	5.7	6.3	6.3
1G SQUARED (APR 1664)	6.3	5.3	5.3	7.0	6.3	6.7	5.7	6.0	6.3	6.2
ALLSTAR 3 (IS-PR 274)	5.0	3.3	5.7	7.7	7.0	8.0	6.0	4.7	4.7	6.2
AMAZING GS (IS-PR 276)	5.7	3.7	5.3	7.3	6.3	7.3	6.7	5.0	5.3	6.2
APPLE GL (AAZ-B104)	5.3	4.0	5.3	7.7	6.7	6.7	6.3	5.0	5.7	6.2
CUTTER II (PM 101)	5.0	5.3	5.7	7.7	7.0	6.7	6.0	5.0	5.7	6.2
FIREBOLT (PRG HS-01-09)	6.0	4.0	5.0	8.0	5.7	7.3	6.3	5.3	5.7	6.2
FUSION	5.3	4.3	6.0	7.0	6.0	7.3	5.7	5.3	6.3	6.2
TR47	6.0	3.0	6.0	6.7	5.7	6.3	7.0	5.3	6.3	6.2
ASP6003 (TRS)	6.7	5.3	5.7	6.3	6.0	6.3	6.0	6.0	6.3	6.1
BACCARAT (RAD-PR8)	5.3	3.7	5.7	6.7	6.7	7.0	6.3	5.0	5.3	6.1
CITATION FORE	6.3	5.0	5.7	6.3	5.7	7.7	5.7	5.7	6.3	6.1
DASHER 3 (PICK RB-1)	5.3	6.7	5.7	7.7	6.7	6.3	6.3	5.0	5.0	6.1
ES45	6.0	3.3	6.0	6.0	6.0	7.0	6.3	5.7	6.0	6.1
HAWKEYE 2 (SRX 4692)	7.0	5.7	5.0	6.0	6.0	6.7	6.0	6.3	7.0	6.1
HEADSTART 2	6.3	5.3	5.0	6.7	6.7	7.3	5.7	5.3	6.0	6.1
INSPIRE	6.0	5.0	5.3	7.3	6.0	7.0	6.0	5.3	5.7	6.1
LS 2300 (APR 1670)	7.0	3.0	4.3	6.7	6.3	6.7	6.0	6.3	6.7	6.1
PST-2AG4	5.0	3.3	5.0	7.3	6.7	7.7	6.0	5.0	5.3	6.1
PST-2BLK	6.0	2.7	4.7	7.0	5.7	6.7	7.0	5.7	6.3	6.1
SILVER DOLLAR	5.3	2.7	5.3	7.0	6.3	7.3	6.3	5.0	5.3	6.1
SRX 4682	6.0	4.7	5.7	7.3	6.3	6.7	5.3	5.7	6.0	6.1
ZOOM (LCK)	5.3	5.0	5.7	7.3	7.0	7.3	6.0	4.7	5.0	6.1
ASP6001 (RTS)	5.3	4.3	5.7	7.3	6.0	6.0	6.3	5.0	5.3	6.0
CABO II (IS-PR 233)	6.7	3.7	5.3	6.0	5.7	6.3	6.7	5.7	6.7	6.0
DEFENDER (D04-UP)	6.3	5.3	5.7	7.0	5.3	6.7	6.0	5.7	6.0	6.0
DELAWARE XL (PICK 01-2)	5.3	6.0	6.0	8.0	6.3	6.7	5.7	4.7	4.7	6.0
HALO (KN42)	5.7	5.7	5.3	7.3	5.7	6.0	6.0	5.3	6.0	6.0
NOTABLE (AF)	6.0	4.3	5.0	6.7	6.3	7.0	5.3	5.3	6.3	6.0
PENTIUM	6.7	4.0	5.0	6.3	6.0	6.3	6.0	6.0	6.7	6.0
PHENOM (APR 1660)	5.7	4.0	6.0	8.0	5.3	6.3	6.7	5.0	5.0	6.0
PRESIDIO (CNV)	6.3	4.7	5.7	6.7	6.0	6.0	6.3	5.7	5.7	6.0
ASP6002 (BPR)	5.3	3.7	6.0	7.0	5.0	6.3	6.0	5.0	5.7	5.9
BAR LP 4920	6.7	5.7	5.7	6.7	5.3	6.3	4.7	5.7	6.7	5.9
BREA (04-BRE)	5.7	5.7	5.3	7.0	5.7	6.0	5.7	5.7	5.7	5.9
CALYPSO 3 (MS2)	5.3	3.7	5.3	6.7	6.0	6.7	6.3	5.0	5.0	5.9
DP 17-9788	5.3	4.3	5.3	6.3	6.7	6.3	6.0	5.0	5.3	5.9
NEXUS XR (SNR)	5.3	4.3	5.7	6.3	5.3	6.7	6.7	5.0	5.7	5.9
ASP6006 (LPFG)	5.3	3.7	5.0	7.0	5.7	7.0	5.3	5.0	5.7	5.8
BRIGHTSTAR SLT	6.3	4.0	5.3	6.3	5.7	6.0	5.3	5.7	6.3	5.8
DART (APR 1663)	5.7	4.0	4.3	6.7	5.3	6.7	6.3	5.3	5.7	5.8
FIJI (GPR)	5.7	4.7	5.3	6.3	5.3	6.7	6.0	5.3	5.7	5.8
GALATTI (DP 17-9502)	6.3	5.7	5.3	6.7	5.3	6.3	4.3	6.0	6.3	5.8

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	BROWN PATCH WARM TEMP.	MAR	APR	MAY	QUALITY RATINGS		SEP	OCT	MEAN
						JUN	JUL			
QUICKSILVER	6.0	3.0	5.3	5.7	5.3	6.7	6.0	5.3	6.0	5.8
BARLENNIUM	6.3	4.3	4.3	6.0	6.0	7.0	5.3	5.7	5.7	5.7
PINNACLE II	5.3	6.7	5.3	7.7	6.3	5.3	4.7	5.0	5.7	5.7
VB99	5.7	6.0	6.0	5.7	5.0	6.3	6.0	5.0	5.7	5.7
ASP6005 (AJM)	6.0	4.0	5.7	6.7	5.3	6.0	5.3	5.0	5.3	5.6
BAR LP 4317	5.7	6.3	4.7	7.3	6.3	5.7	4.3	5.3	5.7	5.6
BAR LP 4420	5.7	6.7	5.3	6.3	5.7	6.3	5.0	5.0	5.3	5.6
FOREVER (DP 17-9499)	5.0	6.0	5.0	6.3	6.0	6.0	5.3	5.0	5.3	5.6
PIANIST (DP 17-9505)	4.7	5.7	5.3	6.7	6.0	6.3	5.3	4.7	4.7	5.6
PIZZAZZ	5.7	7.7	4.7	6.0	5.7	5.7	5.7	5.3	6.0	5.6
REGAL 5 (IS-PR 271)	5.3	6.3	5.0	6.7	6.0	6.3	5.3	4.7	5.3	5.6
PREMIER II	5.7	5.0	5.0	6.0	5.3	5.7	5.7	5.0	5.7	5.5
WAYFARER (L44)	5.3	5.0	5.3	6.0	5.3	6.0	5.7	5.0	5.3	5.5
PM 102	5.3	6.7	6.0	6.0	5.3	5.3	5.0	5.0	5.3	5.4
WIND DANCE 2 (PWDR)	4.3	4.3	5.3	6.3	5.0	6.3	6.3	4.0	4.3	5.4
PALMER III	5.3	7.0	5.3	6.0	5.3	6.0	4.0	5.3	5.3	5.3
PANTHER	5.0	6.0	4.7	6.3	5.0	6.7	5.0	4.3	5.0	5.3
NEXUS XD (SP4)	5.0	5.3	5.0	5.7	4.7	6.0	5.7	4.7	5.0	5.2
MACH I	5.3	6.3	5.3	5.3	5.0	5.0	5.3	4.7	5.0	5.1
PINNACLE	6.3	4.0	4.3	5.7	3.7	4.7	5.0	6.0	6.7	5.1
LPR 02203	4.7	4.3	4.3	5.3	4.3	5.3	6.0	4.7	5.3	5.0
PICK 02-R	5.7	7.0	5.0	5.3	4.3	4.7	4.7	5.3	5.7	5.0
PREMIER	6.0	5.3	4.0	4.7	4.0	5.7	3.3	5.3	5.7	4.7
AFFINITY	4.7	6.3	4.0	5.3	4.0	4.7	4.3	4.3	4.7	4.5
LINN	3.7	5.0	2.0	3.0	2.3	2.3	3.0	3.3	3.7	2.8
LSD VALUE	1.8	3.8	1.4	1.6	1.4	1.9	2.7	1.5	2.3	0.7
C.V. (%)	14.1	36.5	12.7	13.0	13.7	14.9	18.4	12.8	15.5	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 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	SUMMER COLOR	MAY	JUN	JUL	AUG	SEP	MEAN
TRANSFORMER (D04-1667)	9.0	7.0	5.7	6.7	7.3	7.7	8.0	7.1
SR 4600 (SRX 4SP)	8.7	7.7	5.7	6.7	6.7	7.3	7.0	6.7
D04-LP05	8.0	8.0	5.0	5.7	6.3	7.7	7.0	6.3
PIZZAZZ	8.3	7.3	5.3	6.0	6.7	7.0	6.0	6.2
MACH I	8.7	7.3	6.3	4.3	5.7	7.3	6.7	6.1
ASP6004 (EXS54)	8.3	7.7	4.3	5.7	6.0	7.3	6.7	6.0
BAR LP 4317	7.7	7.0	5.0	5.3	6.0	7.0	6.7	6.0
OVERDRIVE	8.7	7.7	6.7	5.7	6.0	6.0	5.7	6.0
PARAGON GLR	7.7	7.7	5.7	6.3	5.7	6.3	6.0	6.0
CALYPSO 3 (MS2)	7.7	8.0	5.7	4.7	6.3	7.0	6.0	5.9
GOALKEEPER II (JR-114)	8.0	7.7	5.7	4.7	5.0	7.3	6.7	5.9
LA QUINTA (JR-255)	8.0	8.0	5.7	5.3	6.0	6.7	5.7	5.9
CHIVALRY (APR 1648)	8.7	7.7	6.3	6.0	5.7	5.3	5.3	5.7
BREA (04-BRE)	8.7	7.0	6.3	5.3	5.7	6.7	4.7	5.7
REGAL 5 (IS-PR 271)	8.3	8.3	5.7	5.7	5.3	6.0	5.7	5.7
RINGER II (04-BEN)	8.7	7.3	5.7	5.3	6.7	5.7	5.0	5.7
GRAND SLAM 2 (PST-2GSM)	8.0	8.0	4.7	5.3	5.3	6.7	6.0	5.6
PALMER IV	8.3	8.0	4.3	5.7	5.0	6.7	6.3	5.6
PINNACLE II	8.0	7.7	5.3	6.0	5.3	5.3	6.0	5.6
SOPRANO (DP1)	7.3	8.7	5.0	5.0	6.0	6.3	5.7	5.6
ASP6002 (BPR)	9.0	8.3	6.0	6.3	5.3	5.3	4.7	5.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.7	7.7	5.0	4.7	5.0	6.7	6.3	5.5
DP 17-9788	8.7	7.3	4.0	5.0	6.0	6.3	6.0	5.5
EXACTA II GLSR (LTP-611-GLSR)	9.0	7.7	6.0	5.7	5.0	5.3	5.3	5.5
KOKOMO II (IS-PR 235)	8.7	7.7	3.7	5.7	5.3	6.7	6.0	5.5
MMW	8.7	8.3	6.7	5.0	5.7	5.3	4.7	5.5
PANTHER GLS	7.7	8.0	4.7	5.3	5.3	6.3	5.7	5.5
PRIMARY (IS-PR 269)	8.0	7.3	5.0	5.3	6.3	5.7	5.3	5.5
ACCENT II (JR-119)	8.3	8.3	6.0	4.3	5.7	5.7	5.3	5.4
ASP6001 (RTS)	8.7	7.7	4.7	6.3	5.3	6.0	4.0	5.3
DASHER 3 (PICK RB-1)	8.3	8.3	4.3	6.0	5.7	6.0	4.7	5.3
FIESTA 4 (PICK F4)	8.3	8.0	5.3	5.3	5.0	6.0	5.0	5.3
FOREVER (DP 17-9499)	8.3	7.0	4.7	4.0	6.0	6.3	5.3	5.3
PACESETTER II (PS-2)	8.7	7.7	6.0	4.7	6.0	5.7	4.3	5.3
PENTIUM	7.7	6.3	5.3	5.7	4.7	5.3	5.3	5.3
PROTEGE GLR	8.3	8.0	5.3	5.7	4.7	5.3	5.3	5.3
REVENGE GLX (JR-348)	8.7	7.3	5.3	5.3	5.3	6.0	4.3	5.3
CADDIESHACK II (JR-163)	8.3	7.3	4.7	5.0	5.0	6.0	5.3	5.2
HARRIER (SRX 4UP3)	8.0	7.7	4.3	3.7	5.0	6.7	6.3	5.2
KEYSTONE 2 (IS-PR 312)	8.3	8.3	5.3	5.7	5.0	5.0	5.0	5.2
EDGE II (AC2)	8.7	9.0	6.0	5.0	4.7	5.0	5.0	5.1
LINE DRIVE GLS (APR 1797)	8.0	7.3	5.7	4.7	4.3	5.3	5.3	5.1
SRX 4682	8.0	7.3	4.7	5.3	5.3	5.7	4.3	5.1
TOP GUN II (JR-324)	8.0	7.0	4.7	5.7	4.7	5.7	4.7	5.1
ZOOM (LCK)	8.0	8.3	5.7	5.0	5.0	4.7	5.3	5.1
1G SQUARED (APR 1664)	8.7	8.0	5.0	6.7	4.0	4.7	4.7	5.0
BAR LP 4420	8.3	8.3	4.7	4.0	5.3	6.3	4.7	5.0

TABLE 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	SUMMER COLOR	MAY	JUN	JUL	AUG	SEP	MEAN
GRAY STAR (PST-2LGL)	8.7	6.7	5.7	6.3	5.7	4.3	3.0	5.0
MAJESTY II (VB77)	8.0	7.7	4.7	5.3	4.3	5.7	5.0	5.0
PM 102	9.0	7.7	6.3	4.0	3.7	6.0	5.0	5.0
BUENA VISTA	8.7	8.0	5.3	5.7	4.7	4.3	4.7	4.9
CITATION FORE	9.0	7.7	5.3	3.7	4.7	6.0	4.7	4.9
NOTABLE (AF)	8.7	7.7	6.3	5.3	4.3	4.3	4.3	4.9
PALMER III	8.7	7.3	4.0	3.7	5.3	5.7	6.0	4.9
PALMER V (RNS)	8.7	8.7	6.3	5.0	4.7	5.0	3.7	4.9
SUNSHINE 2	8.7	8.7	4.7	5.7	5.0	5.3	4.0	4.9
ALLSTAR 3 (IS-PR 274)	8.0	7.7	5.0	5.7	4.3	4.7	4.3	4.8
APPLE GL (AAZ-B104)	8.3	8.3	5.0	4.7	5.0	5.0	4.3	4.8
DELAWARE XL (PICK 01-2)	7.7	8.3	4.0	5.3	5.3	5.3	4.0	4.8
FIJI (GPR)	8.7	8.3	6.3	5.3	4.3	4.3	3.7	4.8
FUSION	8.3	8.3	4.7	4.7	5.0	6.0	3.7	4.8
PLEASURE SUPREME (PM 103)	8.3	8.0	5.3	5.7	4.3	4.7	4.0	4.8
ASP6003 (TRS)	8.3	8.3	5.3	4.0	4.3	5.3	4.3	4.7
ATTRIBUTE (IS-PR 270)	8.0	8.0	5.0	4.7	4.0	5.3	4.3	4.7
FIREBOLT (PRG HS-01-09)	8.7	7.7	4.7	4.0	5.0	5.7	4.3	4.7
GALATTI (DP 17-9502)	9.0	8.0	5.0	5.0	4.3	4.7	4.3	4.7
LS 2300 (APR 1670)	8.3	7.0	4.3	2.7	5.3	5.7	5.3	4.7
MANHATTAN 5 GLR (PST-2AM)	8.7	7.7	5.0	5.3	4.0	5.0	4.3	4.7
NEXUS XD (SP4)	8.7	8.0	4.7	4.0	4.7	5.7	4.7	4.7
PICK 02-R	8.3	8.7	3.0	4.7	5.3	5.7	4.7	4.7
DART (APR 1663)	8.0	8.0	4.0	5.0	5.0	5.3	3.7	4.6
PREMIER	8.3	7.0	3.3	5.3	5.0	5.0	4.3	4.6
PST-217	8.7	8.0	3.7	5.0	4.3	5.7	4.3	4.6
SILVER DOLLAR	8.3	8.0	4.0	4.7	4.3	5.3	4.7	4.6
BRIGHTSTAR SLT	8.7	8.7	5.3	4.3	4.0	4.7	4.0	4.5
HOMERUN (RG3P)	7.7	7.3	4.0	4.0	4.7	5.3	4.7	4.5
NEXUS XR (SNR)	9.0	7.7	4.3	4.3	3.3	5.7	4.7	4.5
BAR LP 4920	9.0	8.3	4.3	5.3	3.7	4.7	4.0	4.4
BARLENNIUM	8.7	7.0	4.0	2.3	4.7	6.0	5.0	4.4
CUTTER II (PM 101)	8.7	8.7	4.3	5.0	4.3	4.7	3.7	4.4
SECRETARIAT II GLSR (LTP-101-GLSR)	8.0	7.7	5.7	4.3	3.7	5.0	3.3	4.4
AMAZING GS (IS-PR 276)	8.3	7.7	4.7	5.0	4.0	4.3	3.7	4.3
BACCARAT (RAD-PR8)	8.7	8.0	4.3	4.7	4.0	4.7	3.7	4.3
DERBY XTREME (IS-PR 268)	8.7	8.0	5.7	4.0	4.7	4.3	3.0	4.3
PALACE (IS-PR 273)	8.7	8.7	5.3	4.0	4.3	4.3	3.7	4.3
QUICKSILVER	9.0	7.7	5.0	6.0	3.3	4.0	3.3	4.3
REPELL GLS	8.3	7.7	4.0	5.0	4.0	4.7	3.7	4.3
VB99	9.0	8.7	5.0	4.3	4.0	4.3	3.7	4.3
ASP6005 (AJM)	8.3	8.0	5.3	3.7	3.3	4.7	4.0	4.2
CABO II (IS-PR 233)	9.0	7.3	4.3	3.0	4.3	5.0	4.3	4.2
GRAY FOX (PST-2MNG)	7.7	7.3	4.3	3.0	4.7	4.7	4.3	4.2
DEFENDER (D04-UP)	9.0	7.3	4.0	5.7	3.7	4.3	3.0	4.1
HEADSTART 2	9.0	8.0	3.3	5.0	3.7	4.7	4.0	4.1
PALMER GLS (GL-2)	9.0	8.3	4.7	3.3	4.7	4.3	3.7	4.1

TABLE 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/
2009 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	SUMMER COLOR	MAY	JUN	QUALITY RATINGS		SEP	MEAN
					JUL	AUG		
PIANIST (DP 17-9505)	9.0	7.7	3.7	3.3	4.7	5.3	3.7	4.1
PINNACLE	9.0	7.0	4.0	5.0	3.0	5.0	3.7	4.1
PST-2AG4	8.7	8.0	5.7	4.7	3.7	4.0	2.7	4.1
PST-2BLK	8.7	7.3	3.7	5.0	3.3	5.0	3.7	4.1
STELLAR GL (IS-PR 236)	8.3	7.7	3.7	4.0	2.7	5.3	4.7	4.1
TR47	8.0	8.3	3.3	4.3	3.7	5.0	4.3	4.1
E-99	8.7	7.0	4.7	5.0	3.0	4.3	3.0	4.0
PROTOTYPE (DCM)	8.7	8.3	3.7	5.0	3.0	4.7	3.7	4.0
ASP6006 (LPFG)	8.7	8.0	3.7	5.3	3.3	4.0	3.3	3.9
ES45	9.0	7.7	4.3	3.0	4.0	4.3	3.7	3.9
LPR 02203	8.7	7.0	4.7	2.0	4.0	5.3	3.3	3.9
MONTEREY 3 (JR-408)	8.3	8.0	4.0	3.7	3.7	4.7	3.3	3.9
PREMIER II	8.7	7.7	3.3	5.0	3.3	4.0	3.7	3.9
UNO (D04-11T)	8.7	8.7	4.0	4.7	3.3	4.7	3.0	3.9
AFFINITY	8.0	6.7	3.3	4.3	4.3	4.7	2.3	3.8
WAYFARER (L44)	9.0	8.0	4.3	2.0	4.0	4.7	4.0	3.8
INSPIRE	8.3	8.3	3.3	5.3	3.3	4.0	2.7	3.7
PRESIDIO (CNV)	9.0	7.7	4.3	3.0	3.3	4.3	3.7	3.7
WIND DANCE 2 (PWDR)	8.7	7.3	2.3	2.7	4.0	5.3	4.3	3.7
PLATEAU (PST-2LAN)	8.7	8.3	5.0	2.7	3.3	4.3	2.7	3.6
HALO (KN42)	9.0	8.7	1.3	4.3	3.3	4.3	3.3	3.3
HAWKEYE 2 (SRX 4692)	8.3	7.7	3.0	4.0	3.7	3.3	2.7	3.3
PANTHER	8.7	7.0	3.7	4.7	3.0	3.0	2.3	3.3
PHENOM (APR 1660)	6.3	5.3	4.3	3.7	2.3	3.3	2.7	3.3
LINN	8.0	6.3	2.7	2.3	3.0	4.0	4.0	3.2
LSD VALUE	4.9	2.7	9.0	4.9	5.3	4.2	5.6	4.0
C.V. (%)	10.2	11.4	36.9	32.6	33.6	26.8	38.2	25.0

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.