

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ALLSTAR 3 (IS-PR 274)	5.3	6.7	6.9	6.5	7.3	7.6	6.9	6.9
DERBY XTREME (IS-PR 268)	5.2	6.8	7.2	6.9	7.3	7.3	6.3	6.9
PARAGON GLR	5.7	6.7	7.3	6.6	7.3	7.4	6.4	6.9
SOPRANO (DP1)	5.8	7.0	7.0	6.8	7.3	7.3	6.3	6.9
NOTABLE (AF)	5.9	6.8	6.8	6.7	7.0	7.3	6.2	6.8
PALMER V (RNS)	5.3	6.6	7.1	6.7	6.8	7.1	6.1	6.7
AMAZING GS (IS-PR 276)	5.2	6.8	6.7	6.3	7.1	7.3	6.0	6.6
ASP6006 (LPFG)	5.6	6.9	6.9	6.0	6.8	6.9	5.7	6.6
CHIVALRY (APR 1648)	5.2	6.5	7.0	6.8	6.9	6.8	5.7	6.6
DEFENDER (D04-UP)	5.4	6.7	6.6	6.3	6.7	7.1	6.2	6.6
FIJI (GPR)	5.8	6.8	6.9	6.4	6.7	6.8	5.9	6.6
PST-2AG4	6.0	6.5	6.8	6.4	6.7	7.1	6.0	6.6
BAR LP 4920	5.9	6.7	6.6	6.2	6.6	6.9	5.4	6.5
BUENA VISTA	5.1	6.6	6.8	6.5	6.7	6.8	5.7	6.5
MAJESTY II (VB77)	5.8	7.1	6.5	6.1	6.4	6.8	5.7	6.5
MMW	5.3	6.3	6.4	6.3	6.8	7.2	6.6	6.5
PLATEAU (PST-2LAN)	5.6	6.1	6.6	6.7	6.8	7.0	5.7	6.5
TR47	5.8	6.8	6.6	6.1	6.8	6.7	5.6	6.5
WIND DANCE 2 (PWDR)	5.3	6.8	6.7	6.2	6.8	6.7	5.8	6.5
APPLE GL (AAZ-B104)	4.8	6.2	6.6	6.1	6.8	7.1	6.0	6.4
ASP6004 (EXS54)	5.2	6.6	6.7	6.4	6.6	6.4	5.4	6.4
BAR LP 4317	4.8	6.3	7.0	6.8	6.4	6.8	5.8	6.4
CABO II (IS-PR 233)	5.3	6.6	6.7	6.0	6.8	6.8	5.6	6.4
EXACTA II GLSR (LTP-611-GLSR)	5.3	6.3	6.3	5.9	6.6	7.1	6.2	6.4
KEYSTONE 2 (IS-PR 312)	4.8	6.4	6.6	6.4	6.8	6.8	5.7	6.4
MONTEREY 3 (JR-408)	5.3	6.9	6.8	6.4	6.4	6.4	5.6	6.4
NEXUS XR (SNR)	4.8	6.8	6.5	5.8	6.9	7.0	5.7	6.4
PALMER IV	5.3	6.3	6.4	6.3	6.9	6.9	5.8	6.4
PROTOTYPE (DCM)	5.0	6.7	6.7	6.3	6.3	6.6	5.6	6.4
QUICKSILVER	5.0	6.3	6.8	6.1	7.0	7.0	5.7	6.4
REPELL GLS	5.2	6.4	6.5	6.1	6.7	7.0	5.9	6.4
SILVER DOLLAR	5.9	6.1	6.5	6.3	6.5	6.7	5.6	6.4
TRANSFORMER (D04-1667)	5.1	6.5	6.6	6.4	6.8	6.9	5.6	6.4
UNO (D04-11T)	4.7	6.4	6.6	6.7	6.8	6.8	5.9	6.4
BACCARAT (RAD-PR8)	4.9	6.2	6.7	6.4	6.7	6.5	5.4	6.3
BRIGHTSTAR SLT	6.0	6.6	6.5	6.2	6.3	6.5	5.6	6.3
DP 17-9788	5.3	6.7	6.6	6.3	6.5	6.3	5.4	6.3
EDGE II (AC2)	4.9	6.1	6.4	6.2	6.7	6.8	5.6	6.3
FUSION	4.4	6.2	6.4	6.4	6.6	6.8	5.4	6.3
GOALKEEPER II (JR-114)	5.1	6.4	6.8	6.4	6.3	6.2	5.3	6.3
HARRIER (SRX 4UP3)	5.1	6.3	6.4	6.3	6.4	6.8	5.7	6.3
LINE DRIVE GLS (APR 1797)	5.4	6.2	6.5	6.3	6.7	6.4	5.7	6.3
LS 2300 (APR 1670)	5.8	6.3	6.3	6.2	6.3	6.8	5.3	6.3
MANHATTAN 5 GLR (PST-2AM)	5.0	6.2	6.4	6.3	6.4	6.9	5.3	6.3
NEXUS XD (SP4)	4.9	6.4	6.6	6.1	6.5	6.6	5.4	6.3
PALACE (IS-PR 273)	5.8	6.3	6.3	6.1	6.4	6.7	5.7	6.3
PROTEGE GLR	4.8	6.1	6.4	6.3	6.4	7.0	5.8	6.3

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	6.1	6.6	6.3	6.5	6.7	5.8	6.3
SR 4600 (SRX 4SP)	5.6	6.2	6.4	6.0	6.5	7.0	5.9	6.3
BREA (04-BRE)	5.4	6.6	6.2	5.7	6.2	6.8	5.8	6.2
CUTTER II (PM 101)	4.9	6.6	6.3	5.9	6.4	6.7	5.4	6.2
GRAND SLAM 2 (PST-2GSM)	4.6	6.3	6.7	6.3	6.2	6.4	5.2	6.2
GRAY FOX (PST-2MNG)	4.9	6.1	6.5	6.6	6.6	6.2	5.2	6.2
GRAY STAR (PST-2LGL)	4.3	6.3	6.8	6.3	6.3	6.5	5.4	6.2
PALMER GLS (GL-2)	4.6	6.1	6.3	6.3	6.6	6.6	5.3	6.2
PANTHER	5.2	6.4	6.6	6.3	6.0	6.3	5.1	6.2
PENTIUM	5.1	6.3	6.4	6.3	6.3	6.3	5.2	6.2
PHENOM (APR 1660)	5.3	6.1	6.3	6.3	6.3	6.6	5.6	6.2
REGAL 5 (IS-PR 271)	5.1	6.3	6.3	6.2	6.4	6.6	5.7	6.2
TOP GUN II (JR-324)	5.1	6.3	6.5	6.2	6.3	6.5	5.3	6.2
VB99	5.3	6.3	6.7	5.8	6.4	6.7	5.3	6.2
1G SQUARED (APR 1664)	5.0	6.2	6.2	6.1	6.2	6.2	5.4	6.1
ACCENT II (JR-119)	4.7	6.2	6.8	6.3	6.3	6.0	5.0	6.1
ASP6001 (RTS)	4.9	6.3	6.3	5.9	6.6	6.4	5.1	6.1
ASP6002 (BPR)	4.8	6.6	6.4	5.9	6.1	6.4	5.2	6.1
ATTRIBUTE (IS-PR 270)	4.4	6.0	6.6	6.2	6.2	6.5	5.6	6.1
CITATION FORE	5.0	6.1	6.6	6.4	6.3	6.2	5.3	6.1
D04-LP05	5.2	6.0	6.4	6.1	6.2	6.3	5.3	6.1
DART (APR 1663)	5.2	6.3	6.4	6.2	6.2	6.1	5.3	6.1
DASHER 3 (PICK RB-1)	4.1	5.8	6.1	5.9	6.5	6.9	5.7	6.1
E-99	4.9	5.8	6.2	6.0	6.3	6.6	5.4	6.1
ES45	5.1	6.2	6.6	5.8	6.3	6.3	5.4	6.1
INSPIRE	4.8	6.2	6.6	6.0	6.2	6.4	5.2	6.1
KOKOMO II (IS-PR 235)	4.9	6.2	6.3	5.9	6.2	6.4	5.7	6.1
LA QUINTA (JR-255)	5.1	6.3	6.4	5.9	6.0	6.3	5.1	6.1
LPR 02203	5.4	6.3	6.4	6.5	6.3	6.1	5.0	6.1
MACH I	5.0	6.3	6.5	5.7	6.2	6.4	5.4	6.1
PINNACLE II	5.1	6.3	6.3	6.2	6.3	6.2	5.3	6.1
PIZZAZZ	5.4	6.5	6.1	5.5	6.2	6.4	5.7	6.1
PREMIER II	5.2	6.3	6.4	6.1	6.0	6.1	5.2	6.1
STELLAR GL (IS-PR 236)	5.0	6.2	6.3	6.3	6.2	6.3	5.3	6.1
ZOOM (LCK)	4.8	6.0	6.1	6.2	6.4	6.6	5.3	6.1
CADDIESHACK II (JR-163)	4.2	5.8	6.6	6.3	6.7	6.3	4.8	6.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.1	5.9	6.2	5.8	6.2	6.4	5.1	6.0
FOREVER (DP 17-9499)	4.4	5.9	6.4	6.1	6.2	6.1	5.1	6.0
PANTHER GLS	4.8	6.0	6.1	6.2	6.3	6.3	5.0	6.0
PLEASURE SUPREME (PM 103)	4.8	6.3	5.8	5.6	6.1	6.5	5.4	6.0
PRESIDIO (CNV)	5.3	6.3	6.0	5.5	6.2	6.3	5.2	6.0
PRIMARY (IS-PR 269)	4.3	5.9	6.3	6.1	6.3	6.3	5.2	6.0
PST-217	4.6	6.2	6.3	5.8	6.5	6.2	5.3	6.0
REVENGE GLX (JR-348)	4.7	6.1	6.0	5.9	6.3	6.3	5.3	6.0
RINGER II (04-BEN)	5.1	6.2	6.0	5.8	6.3	6.3	5.4	6.0
SRX 4682	5.2	6.2	6.4	6.1	6.0	6.1	5.1	6.0
ASP6003 (TRS)	4.3	6.1	6.1	5.7	6.3	6.2	5.2	5.9

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
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2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BARLENNIUM	4.9	6.1	6.1	6.0	6.1	6.1	5.0	5.9
FIESTA 4 (PICK F4)	4.6	6.2	6.1	5.6	6.1	6.1	5.4	5.9
HALO (KN42)	4.7	5.9	6.0	5.7	6.0	6.5	5.0	5.9
HOMERUN (RG3P)	4.1	5.6	6.3	5.8	6.3	6.5	5.1	5.9
OVERDRIVE	4.8	6.3	6.3	5.8	5.8	6.0	5.3	5.9
PM 102	4.6	6.1	6.2	5.8	6.3	6.1	5.0	5.9
CALYPSO 3 (MS2)	4.9	6.2	5.8	5.5	5.8	6.3	4.9	5.8
DELAWARE XL (PICK 01-2)	4.6	6.1	6.1	5.7	6.2	5.8	5.1	5.8
FIREBOLT (PRG HS-01-09)	4.3	6.1	5.9	5.8	6.0	6.0	5.1	5.8
HAWKEYE 2 (SRX 4692)	5.0	5.8	6.2	6.2	5.7	5.9	4.8	5.8
HEADSTART 2	4.8	6.0	6.1	5.5	5.7	6.1	5.2	5.8
PREMIER	5.9	5.8	6.3	5.9	5.4	5.9	4.4	5.8
WAYFARER (L44)	4.3	6.3	6.0	5.4	5.9	6.1	5.0	5.8
GALATTI (DP 17-9502)	4.3	6.2	6.0	5.5	5.8	5.9	4.6	5.7
PST-2BLK	5.1	6.0	5.8	5.2	5.8	5.9	5.2	5.7
AFFINITY	5.2	5.6	6.3	5.8	5.5	5.5	4.4	5.6
ASP6005 (AJM)	4.2	6.1	5.8	5.3	5.6	6.3	4.6	5.6
PACESETTER II (PS-2)	4.0	5.6	6.0	5.4	5.9	5.7	4.9	5.6
PINNACLE	5.0	5.4	6.2	5.8	5.7	5.7	4.3	5.6
PALMER III	4.6	5.5	5.8	5.4	5.4	5.8	4.6	5.5
PIANIST (DP 17-9505)	3.9	5.6	5.7	5.3	5.9	5.8	4.7	5.5
BAR LP 4420	3.8	5.4	5.7	5.3	5.7	5.8	4.7	5.4
PICK 02-R	4.1	5.8	5.6	5.0	5.5	5.6	4.9	5.4
SUNSHINE 2	3.9	5.8	5.7	5.2	5.8	5.5	4.4	5.4
LINN	5.8	4.4	5.3	4.6	4.8	5.5	4.0	4.9
LSD VALUE	7.0	7.6	5.4	6.4	3.0	1.7	0.9	5.3
C.V. (%)	34.6	28.3	22.8	28.0	22.3	19.9	15.7	23.0

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.

3/ TURFGRASS QUALITY RATED IN 2005-08.

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MACH I	6.3	6.7	7.0	6.5	6.3	6.7	7.1	6.7
CHIVALRY (APR 1648)	5.5	6.3	7.1	6.5	6.6	7.4	6.9	6.6
CUTTER II (PM 101)	5.6	6.7	6.6	6.7	6.1	7.3	6.9	6.6
PALACE (IS-PR 273)	5.8	6.3	6.9	6.1	6.4	7.3	7.1	6.6
TRANSFORMER (D04-1667)	6.5	6.7	6.7	6.5	6.5	6.9	6.5	6.6
DEFENDER (D04-UP)	5.8	6.4	6.6	6.3	6.5	7.2	6.6	6.5
FUSION	5.6	6.5	6.5	6.8	6.5	7.1	6.7	6.5
HOMERUN (RG3P)	5.9	6.4	6.4	6.7	6.4	6.9	6.5	6.5
KEYSTONE 2 (IS-PR 312)	6.0	6.5	6.5	6.4	6.8	6.7	6.7	6.5
PALMER IV	5.3	6.5	6.2	6.6	6.6	7.5	7.1	6.5
PANTHER GLS	6.4	6.5	6.5	6.6	6.1	7.3	6.5	6.5
PINNACLE II	6.5	6.8	6.3	6.2	6.3	6.9	6.6	6.5
REGAL 5 (IS-PR 271)	5.8	6.3	6.5	6.3	6.5	7.2	6.9	6.5
SILVER DOLLAR	5.7	6.4	6.7	6.7	6.4	7.2	6.3	6.5
ZOOM (LCK)	5.4	6.5	6.3	6.6	6.3	7.1	7.3	6.5
AMAZING GS (IS-PR 276)	5.9	6.3	6.5	6.1	6.0	7.1	7.0	6.4
BAR LP 4420	5.6	6.4	6.5	6.3	6.3	6.9	6.6	6.4
DERBY XTREME (IS-PR 268)	5.3	6.5	6.6	6.0	5.9	6.9	7.3	6.4
FOREVER (DP 17-9499)	5.8	6.6	6.6	6.5	6.3	6.6	6.8	6.4
MANHATTAN 5 GLR (PST-2AM)	5.7	6.3	6.3	6.5	6.6	6.7	6.8	6.4
MMW	5.7	6.2	6.5	6.4	6.2	6.7	7.1	6.4
OVERDRIVE	5.8	6.6	6.4	6.4	6.1	6.8	6.9	6.4
PALMER V (RNS)	4.9	6.3	6.5	6.7	6.4	7.3	6.7	6.4
PARAGON GLR	5.3	6.5	6.3	6.3	6.5	7.1	6.5	6.4
PST-217	5.9	6.2	6.3	6.5	6.3	7.0	6.7	6.4
REPELL GLS	5.5	6.5	6.1	6.4	6.6	6.8	6.7	6.4
WIND DANCE 2 (PWDR)	5.9	6.3	6.4	6.2	6.1	7.1	6.9	6.4
APPLE GL (AAZ-B104)	5.5	6.3	6.1	6.1	6.3	7.1	6.7	6.3
ASP6004 (EXS54)	5.4	6.2	6.4	6.5	5.8	7.1	6.7	6.3
ASP6006 (LPFG)	6.0	6.1	6.5	5.9	5.6	6.9	6.7	6.3
BACCARAT (RAD-PR8)	5.7	6.3	6.4	6.1	6.1	6.8	6.8	6.3
BAR LP 4317	5.9	6.5	6.5	6.4	6.6	6.5	5.9	6.3
BUENA VISTA	5.1	6.3	6.4	6.5	6.1	7.1	6.4	6.3
CITATION FORE	5.7	6.3	6.7	6.3	6.5	6.5	6.3	6.3
EXACTA II GLSR (LTP-611-GLSR)	5.7	6.0	6.7	6.4	6.0	6.5	7.1	6.3
INSPIRE	5.3	6.3	6.3	6.5	6.5	6.9	6.2	6.3
NEXUS XR (SNR)	5.7	6.5	6.1	6.2	5.5	6.9	7.1	6.3
PALMER GLS (GL-2)	5.3	6.6	6.0	6.5	5.9	6.9	6.9	6.3
PENTIUM	5.5	6.3	6.5	6.5	6.5	6.6	6.2	6.3
QUICKSILVER	5.5	6.2	6.7	6.2	6.1	6.7	6.7	6.3
STELLAR GL (IS-PR 236)	5.6	5.9	6.3	6.4	5.9	7.1	6.6	6.3
TOP GUN II (JR-324)	5.4	6.3	6.6	6.2	6.2	6.8	6.7	6.3
UNO (D04-11T)	5.2	6.4	6.5	6.3	6.3	7.2	6.5	6.3
1G SQUARED (APR 1664)	5.9	6.2	5.9	6.1	6.1	6.5	6.5	6.2
ATTRIBUTE (IS-PR 270)	5.3	5.9	6.3	6.2	6.1	6.8	6.7	6.2
CALYPSO 3 (MS2)	5.3	6.3	6.3	6.1	6.1	6.8	6.5	6.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.4	5.9	5.8	6.3	6.9	6.8	6.2	6.2

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
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2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DART (APR 1663)	5.9	6.2	5.9	6.2	6.5	6.9	6.3	6.2
GRAND SLAM 2 (PST-2GSM)	5.5	5.8	6.3	6.4	6.4	6.5	6.3	6.2
LINE DRIVE GLS (APR 1797)	5.4	6.1	6.3	6.5	6.1	7.1	6.3	6.2
LS 2300 (APR 1670)	5.7	6.3	6.2	6.3	6.3	6.6	5.9	6.2
PRESIDIO (CNV)	5.7	6.1	6.6	6.1	5.7	7.0	6.3	6.2
PRIMARY (IS-PR 269)	5.6	6.3	6.3	6.1	5.8	6.5	7.0	6.2
PROTEGE GLR	5.3	6.4	6.1	6.1	5.7	6.9	6.6	6.2
REVENGE GLX (JR-348)	5.4	6.4	5.9	6.5	6.1	6.7	6.4	6.2
TR47	5.9	6.3	6.1	6.1	5.6	7.1	6.5	6.2
ASP6005 (AJM)	5.8	6.0	6.1	5.9	5.6	6.7	6.8	6.1
GRAY STAR (PST-2LGL)	5.5	6.1	6.6	6.1	5.5	6.4	6.3	6.1
HARRIER (SRX 4UP3)	5.7	6.3	6.0	5.9	5.8	6.7	6.3	6.1
KOKOMO II (IS-PR 235)	5.6	5.7	6.1	6.2	5.9	6.9	6.3	6.1
NEXUS XD (SP4)	5.6	5.9	6.3	6.2	5.8	6.5	6.5	6.1
PACESETTER II (PS-2)	5.2	6.0	6.3	6.3	6.3	6.1	6.7	6.1
PROTOTYPE (DCM)	5.4	6.3	6.0	6.1	5.9	6.9	6.3	6.1
PST-2AG4	5.4	6.2	6.3	5.7	5.9	6.6	6.7	6.1
PST-2BLK	5.3	5.9	6.1	6.5	6.0	6.6	6.3	6.1
RINGER II (04-BEN)	5.7	6.1	5.9	5.7	6.3	6.6	6.4	6.1
SOPRANO (DP1)	4.9	6.1	6.0	6.4	6.3	6.6	6.7	6.1
ALLSTAR 3 (IS-PR 274)	4.6	5.9	6.4	6.2	6.0	6.5	6.7	6.0
ASP6002 (BPR)	5.1	6.1	6.4	5.9	5.3	7.1	6.5	6.0
CABO II (IS-PR 233)	5.1	6.0	6.3	6.1	6.1	6.5	5.8	6.0
DP 17-9788	6.1	6.3	6.1	5.5	5.9	6.4	5.9	6.0
E-99	4.9	6.3	6.1	5.9	6.1	6.5	5.9	6.0
ES45	5.4	5.9	6.2	5.9	5.3	6.5	6.5	6.0
FIESTA 4 (PICK F4)	4.5	5.8	6.2	6.2	5.5	6.7	6.8	6.0
FIJI (GPR)	5.3	5.7	6.0	5.8	5.7	6.8	6.4	6.0
HEADSTART 2	5.3	6.3	6.3	6.2	5.5	6.5	6.0	6.0
LA QUINTA (JR-255)	5.7	6.0	6.2	6.1	5.5	6.5	6.1	6.0
NOTABLE (AF)	5.5	6.3	5.8	6.1	5.9	6.4	6.4	6.0
PHENOM (APR 1660)	5.3	5.9	5.8	6.2	5.8	6.7	6.5	6.0
PIZZAZZ	5.4	6.2	6.2	6.1	5.6	6.1	6.3	6.0
PLATEAU (PST-2LAN)	5.4	5.9	6.0	5.9	6.3	6.3	6.2	6.0
PLEASURE SUPREME (PM 103)	5.2	6.0	6.1	6.0	5.9	6.7	6.1	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	4.7	6.1	6.3	6.1	5.9	6.7	6.1	6.0
DASHER 3 (PICK RB-1)	4.9	6.0	6.2	5.7	5.8	6.2	6.3	5.9
EDGE II (AC2)	5.1	6.0	6.4	5.8	4.9	6.7	6.1	5.9
MAJESTY II (VB77)	5.2	5.9	6.4	6.0	5.3	6.5	5.9	5.9
SR 4600 (SRX 4SP)	4.9	5.7	6.1	5.8	6.1	6.6	6.5	5.9
ACCENT II (JR-119)	4.3	5.8	6.6	5.9	5.8	6.1	5.8	5.8
ASP6003 (TRS)	5.1	5.6	6.3	5.7	5.2	6.5	6.4	5.8
BRIGHTSTAR SLT	4.9	5.7	6.3	5.6	6.1	6.1	5.8	5.8
D04-LP05	4.5	5.7	5.7	6.2	5.9	6.7	6.3	5.8
GRAY FOX (PST-2MNG)	5.0	5.5	5.5	5.9	5.7	6.4	6.4	5.8
HALO (KN42)	5.3	5.8	6.1	5.7	5.3	6.5	6.1	5.8
HAWKEYE 2 (SRX 4692)	4.5	5.3	6.2	6.2	5.7	6.8	5.9	5.8

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PIANIST (DP 17-9505)	5.5	5.8	5.9	5.7	5.5	6.1	5.8	5.8
PM 102	5.3	6.1	5.7	5.5	5.3	6.4	6.0	5.8
SRX 4682	4.8	5.7	6.1	5.7	6.2	6.2	5.7	5.8
ASP6001 (RTS)	4.5	5.5	5.9	5.7	5.7	6.2	6.2	5.7
BAR LP 4920	5.1	5.8	5.8	5.4	5.5	6.1	6.1	5.7
BARLENNIUM	5.7	5.7	5.5	5.4	5.7	6.5	5.7	5.7
FIREBOLT (PRG HS-01-09)	4.2	5.7	6.3	5.9	5.3	6.6	6.0	5.7
GALATTI (DP 17-9502)	5.3	5.8	6.0	5.6	5.1	6.3	5.7	5.7
GOALKEEPER II (JR-114)	4.5	5.7	6.3	6.0	5.7	6.1	5.8	5.7
MONTEREY 3 (JR-408)	4.2	5.6	6.3	6.2	5.3	6.3	6.1	5.7
VB99	4.5	5.5	6.3	5.5	5.3	6.6	6.3	5.7
DELAWARE XL (PICK 01-2)	5.3	5.5	5.6	5.5	5.5	6.3	5.7	5.6
PALMER III	4.9	6.0	5.9	5.7	5.2	5.9	5.8	5.6
PREMIER II	4.9	5.9	5.8	5.5	5.9	6.1	5.4	5.6
SUNSHINE 2	4.3	5.9	6.0	5.7	5.2	6.3	5.9	5.6
WAYFARER (L44)	4.7	5.6	5.7	5.7	5.1	6.2	6.0	5.6
BREA (04-BRE)	5.0	5.6	5.7	5.7	4.9	6.2	5.7	5.5
AFFINITY	5.1	5.0	5.2	5.3	5.4	5.8	5.3	5.3
CADDIESHACK II (JR-163)	3.9	5.3	5.7	5.7	5.2	6.1	5.3	5.3
PANTHER	5.0	5.6	5.0	5.3	5.5	5.6	5.2	5.3
PICK 02-R	4.7	5.1	5.5	5.3	4.7	5.9	6.1	5.3
PINNACLE	5.3	4.6	5.0	4.9	4.9	5.3	4.6	5.0
PREMIER	4.9	5.1	5.1	5.0	4.6	5.6	4.6	5.0
LPR 02203	4.2	4.7	4.5	5.3	4.7	5.1	4.7	4.7
LINN	3.9	3.3	3.0	2.8	3.0	3.2	3.0	3.2
LSD VALUE	1.0	1.2	0.7	1.4	1.0	1.4	0.9	0.7
C.V. (%)	22.6	22.2	15.7	23.6	22.0	22.9	18.5	15.7

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 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BACCARAT (RAD-PR8)	5.3	7.8	7.5	6.8	5.9	5.1	6.1	7.5	7.6	5.7	6.6
CHIVALRY (APR 1648)	5.5	7.6	7.8	7.0	6.1	4.8	5.9	7.3	7.1	6.0	6.6
E-99	5.4	7.7	6.9	7.0	6.9	5.5	6.1	6.5	7.0	6.7	6.6
PROTOTYPE (DCM)	5.7	7.5	7.4	6.9	7.0	4.7	6.3	6.6	7.1	7.3	6.6
PST-217	4.7	8.2	7.9	7.1	6.3	5.3	6.3	6.8	6.9	7.3	6.6
ZOOM (LCK)	5.5	7.7	7.9	7.1	6.5	4.9	5.7	6.5	7.1	6.0	6.6
HOMERUN (RG3P)	5.1	7.6	7.3	7.1	6.7	4.6	5.9	7.0	7.2	6.0	6.5
SILVER DOLLAR	5.3	7.3	6.8	6.7	6.9	5.3	6.5	6.9	6.8	6.3	6.5
GRAY FOX (PST-2MNG)	5.3	7.5	5.8	6.2	5.8	5.0	6.8	7.5	7.3	5.7	6.4
KEYSTONE 2 (IS-PR 312)	5.1	7.5	7.4	6.9	6.4	5.0	5.5	6.4	6.9	6.0	6.4
MANHATTAN 5 GLR (PST-2AM)	5.3	7.7	6.8	6.3	5.5	5.1	6.5	7.3	7.0	6.0	6.4
PANTHER GLS	5.1	7.3	7.3	6.9	6.5	4.9	5.7	6.7	6.9	7.0	6.4
PRIMARY (IS-PR 269)	5.3	7.7	6.9	6.7	6.2	5.3	5.9	6.9	7.3	5.3	6.4
CADDIESHACK II (JR-163)	4.5	7.3	7.3	6.6	6.5	5.1	6.1	6.7	7.0	6.0	6.3
OVERDRIVE	4.9	7.5	6.7	6.3	6.2	5.3	6.0	6.9	7.0	5.3	6.3
PALMER V (RNS)	4.9	7.5	6.8	6.2	5.5	5.1	6.3	7.0	6.9	5.0	6.3
PLATEAU (PST-2LAN)	4.9	7.1	6.5	6.8	6.3	4.9	5.9	7.3	7.3	6.7	6.3
REPELL GLS	5.1	6.7	6.5	6.2	6.3	5.0	6.1	6.9	7.4	6.0	6.3
REVENGE GLX (JR-348)	5.4	7.9	6.9	6.2	5.7	4.8	6.5	6.7	6.5	5.7	6.3
TRANSFORMER (D04-1667)	4.9	7.4	6.9	6.3	6.1	5.1	6.3	7.2	6.5	5.7	6.3
DERBY XTREME (IS-PR 268)	5.1	7.3	6.5	6.1	6.0	5.1	6.0	6.4	7.2	6.0	6.2
MAJESTY II (VB77)	4.6	7.2	7.1	6.5	6.7	4.9	5.9	6.5	6.4	5.0	6.2
PALMER GLS (GL-2)	5.1	7.1	6.6	6.7	6.1	4.6	5.7	6.9	7.3	5.7	6.2
CABO II (IS-PR 233)	4.8	7.5	6.7	6.4	5.7	4.7	5.3	6.5	6.9	6.0	6.1
FIESTA 4 (PICK F4)	5.3	6.9	6.3	6.3	5.9	4.9	5.7	6.8	6.6	5.3	6.1
GOALKEEPER II (JR-114)	4.1	7.3	7.5	6.5	6.1	5.3	5.7	6.2	6.5	5.3	6.1
GRAND SLAM 2 (PST-2GSM)	4.7	7.5	6.6	6.1	5.6	5.3	5.9	6.4	6.4	5.3	6.1
HAWKEYE 2 (SRX 4692)	4.9	7.1	6.7	6.4	5.9	4.5	5.5	6.7	6.8	7.0	6.1
KOKOMO II (IS-PR 235)	4.5	7.3	6.8	5.9	5.9	4.9	5.9	6.9	7.0	6.0	6.1
PARAGON GLR	4.7	7.7	7.5	6.3	6.1	4.5	5.2	6.5	6.8	5.7	6.1
PST-2AG4	4.9	7.1	6.3	5.8	6.1	5.1	5.9	7.0	6.6	5.7	6.1
SR 4600 (SRX 4SP)	5.3	7.0	6.1	5.9	6.0	4.9	5.7	7.2	6.8	6.0	6.1
TOP GUN II (JR-324)	4.5	7.2	6.9	6.4	6.3	5.0	5.7	6.7	6.5	6.0	6.1
APPLE GL (AAZ-B104)	4.7	7.3	6.3	6.1	5.9	4.7	5.7	6.9	6.7	5.3	6.0
BRIGHTSTAR SLT	4.7	7.3	6.3	5.9	5.5	4.7	6.0	6.6	6.6	6.0	6.0
BUENA VISTA	4.9	7.5	6.7	6.3	5.8	4.7	5.3	6.5	6.7	5.0	6.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	7.5	6.4	6.8	5.9	4.6	5.2	6.1	6.4	5.7	6.0
EDGE II (AC2)	4.4	7.1	6.7	6.1	5.6	5.0	5.8	6.6	6.5	5.3	6.0
INSPIRE	4.9	7.7	6.7	6.6	5.7	4.6	5.3	6.5	6.0	6.3	6.0
LS 2300 (APR 1670)	4.7	7.4	5.9	5.9	5.7	4.8	5.8	6.5	6.8	7.0	6.0
MONTEREY 3 (JR-408)	4.4	7.1	6.9	6.4	5.9	4.7	5.4	6.5	6.5	5.0	6.0
PALACE (IS-PR 273)	4.7	6.8	6.8	6.0	6.9	4.7	5.3	6.5	6.3	6.0	6.0
REGAL 5 (IS-PR 271)	4.8	6.9	6.7	5.9	6.0	4.7	5.3	6.3	7.0	4.7	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	5.2	6.4	6.5	6.5	5.8	4.7	5.7	6.7	6.5	5.0	6.0
SRX 4682	4.9	7.7	6.3	6.1	5.5	4.7	5.7	6.7	6.7	5.7	6.0
UNO (D04-11T)	4.9	7.7	6.9	5.9	5.4	4.6	5.6	6.7	6.3	5.0	6.0
ALLSTAR 3 (IS-PR 274)	4.5	6.8	7.1	6.1	5.4	4.6	5.7	6.6	6.4	4.7	5.9

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ATTRIBUTE (IS-PR 270)	4.3	7.2	6.5	5.9	5.6	4.8	5.7	6.4	6.6	4.7	5.9
FIJI (GPR)	4.9	7.3	6.6	5.7	6.1	4.9	5.3	6.4	6.3	5.0	5.9
GRAY STAR (PST-2LGL)	4.3	7.3	6.6	6.1	5.5	4.7	5.8	6.5	6.7	5.0	5.9
PLEASURE SUPREME (PM 103)	4.2	7.1	6.3	6.1	6.1	4.3	5.5	6.5	6.5	6.0	5.9
VB99	4.8	6.7	6.7	5.9	6.3	4.3	5.4	6.4	6.8	5.0	5.9
AMAZING GS (IS-PR 276)	4.9	7.1	6.3	5.9	5.5	4.6	5.4	6.4	5.9	4.7	5.8
ASP6001 (RTS)	4.4	7.4	6.6	5.9	5.3	4.7	5.3	6.4	6.2	5.0	5.8
ASP6002 (BPR)	4.4	7.1	6.6	5.9	5.7	4.6	5.3	6.3	6.4	4.3	5.8
CITATION FORE	5.0	7.3	6.3	6.0	5.3	4.7	5.4	5.9	5.9	5.3	5.8
MMW	4.8	7.0	6.2	6.2	5.1	4.7	5.7	6.6	6.2	4.3	5.8
NOTABLE (AF)	5.0	6.5	6.3	6.3	5.5	4.9	5.3	6.1	6.3	4.0	5.8
PST-2BLK	4.5	6.9	6.4	6.5	5.9	4.9	6.0	5.9	5.5	5.3	5.8
SOPRANO (DP1)	4.7	6.6	6.5	5.8	5.8	4.2	5.3	6.5	6.7	5.3	5.8
1G SQUARED (APR 1664)	4.7	6.9	6.7	5.7	5.4	4.5	5.4	5.9	6.0	5.0	5.7
ES45	4.9	7.3	6.7	5.5	5.0	4.5	5.1	6.5	6.1	5.3	5.7
FIREBOLT (PRG HS-01-09)	4.3	7.0	6.3	6.3	5.9	4.2	5.0	6.1	5.9	4.3	5.7
LINE DRIVE GLS (APR 1797)	4.7	6.7	5.9	5.8	5.4	4.3	5.3	6.5	6.6	5.3	5.7
PALMER IV	4.6	7.3	6.6	5.5	5.3	4.0	5.3	6.3	6.3	5.0	5.7
PINNACLE II	5.2	7.4	6.3	6.1	6.1	4.7	4.6	5.1	5.6	5.7	5.7
PREMIER II	5.2	6.8	6.1	6.1	5.6	4.3	5.0	6.0	5.8	5.3	5.7
RINGER II (04-BEN)	5.0	7.3	6.1	5.7	5.5	4.7	5.4	5.8	6.0	5.0	5.7
STELLAR GL (IS-PR 236)	5.0	6.7	6.3	5.7	5.1	4.6	5.0	6.2	6.6	5.3	5.7
BARLENNIUM	4.5	6.5	6.1	6.2	5.3	4.5	5.4	5.8	5.9	4.7	5.6
CUTTER II (PM 101)	4.5	6.7	6.4	5.5	5.7	4.3	5.1	6.0	6.1	4.3	5.6
DASHER 3 (PICK RB-1)	4.1	7.0	6.7	6.1	6.1	4.0	4.7	5.9	5.9	5.3	5.6
FOREVER (DP 17-9499)	4.5	6.8	6.7	6.0	5.6	4.3	5.1	5.4	5.7	4.7	5.6
NEXUS XD (SP4)	4.4	6.9	6.1	5.8	5.4	4.5	4.9	5.9	6.1	5.7	5.6
PACESETTER II (PS-2)	4.3	7.1	5.9	5.9	6.1	4.7	4.9	5.7	5.8	5.0	5.6
PENTIUM	4.3	6.8	5.9	5.9	5.1	4.5	5.5	6.4	5.5	5.0	5.6
TR47	4.5	7.4	6.5	5.4	5.2	4.5	5.3	5.8	5.9	5.7	5.6
ASP6003 (TRS)	4.2	6.2	6.5	6.2	5.7	4.2	5.2	5.6	6.1	5.0	5.5
ASP6004 (EXS54)	4.5	6.7	5.9	5.2	5.5	4.3	5.2	5.9	6.0	4.7	5.5
BAR LP 4317	4.4	6.9	6.0	5.9	5.1	4.2	4.8	5.7	6.1	5.3	5.5
D04-LP05	4.5	6.6	5.9	6.0	5.9	4.5	5.1	5.3	5.5	6.0	5.5
DEFENDER (D04-UP)	4.5	6.5	6.0	5.7	5.0	4.0	4.9	6.3	6.5	4.7	5.5
DP 17-9788	4.9	7.0	5.9	5.7	5.4	4.1	4.7	6.0	5.7	5.7	5.5
EXACTA II GLSR (LTP-611-GLSR)	4.7	7.3	6.6	6.1	5.1	3.9	4.6	5.8	5.7	4.7	5.5
LA QUINTA (JR-255)	4.8	7.1	5.9	6.0	5.7	4.2	5.0	5.7	5.3	5.0	5.5
NEXUS XR (SNR)	4.3	6.9	6.3	5.4	4.9	4.2	5.3	6.0	5.9	5.0	5.5
PHENOM (APR 1660)	4.7	7.2	6.1	5.9	5.5	3.9	4.9	5.6	5.8	6.0	5.5
PROTEGE GLR	4.6	7.3	5.7	5.3	5.7	4.3	4.5	5.8	6.3	5.3	5.5
WAYFARER (L44)	4.0	7.0	6.0	5.4	6.1	4.3	5.2	5.9	5.8	5.0	5.5
ACCENT II (JR-119)	3.8	6.8	6.3	6.3	5.5	4.2	4.4	5.6	5.9	4.7	5.4
ASP6005 (AJM)	3.8	6.7	6.8	5.5	5.5	4.5	4.6	5.3	5.5	5.0	5.4
DART (APR 1663)	4.8	7.1	5.9	5.5	4.7	3.7	4.9	6.1	6.1	4.7	5.4
GALATTI (DP 17-9502)	4.4	6.5	6.2	5.3	5.5	4.0	4.5	5.9	5.9	5.3	5.4
HARRIER (SRX 4UP3)	4.7	6.2	5.8	5.5	5.2	4.2	4.7	5.7	5.9	6.7	5.4

TABLE 3.
(CONT'D)MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/
2005-09 DATA

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

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
MACH I	4.3	6.8	5.7	5.5	5.9	4.1	4.7	5.6	5.7	5.0	5.4
PM 102	4.0	6.4	6.4	5.5	5.1	4.5	5.0	5.6	6.0	5.3	5.4
QUICKSILVER	3.7	6.7	6.2	5.5	5.4	4.3	5.1	5.7	5.5	5.0	5.4
BAR LP 4420	4.2	6.5	5.8	5.6	5.6	3.8	4.5	5.7	5.6	5.0	5.3
FUSION	4.0	6.4	6.1	5.7	5.3	3.9	4.5	5.9	6.0	5.0	5.3
PALMER III	4.4	7.1	6.1	5.7	4.7	4.4	4.6	5.2	4.9	4.7	5.3
CALYPSO 3 (MS2)	3.7	6.1	5.8	5.0	5.3	4.5	5.1	6.0	5.6	4.3	5.2
HEADSTART 2	3.7	6.6	5.6	4.9	5.4	4.1	5.3	5.7	5.7	4.0	5.2
PIANIST (DP 17-9505)	4.3	6.1	6.1	6.3	4.7	3.8	4.7	5.4	5.1	5.0	5.2
PRESIDIO (CNV)	4.3	6.6	5.9	5.6	5.3	3.9	4.7	5.4	5.1	5.0	5.2
WIND DANCE 2 (PWDR)	3.9	6.5	5.9	5.3	4.9	4.1	4.7	5.5	5.5	4.7	5.1
ASP6006 (LPFG)	4.2	6.5	5.7	5.1	4.9	4.0	4.6	5.1	5.1	4.7	5.0
BREA (04-BRE)	4.3	7.2	5.6	5.1	4.7	3.9	4.3	4.8	5.3	5.0	5.0
DELAWARE XL (PICK 01-2)	4.0	6.6	5.9	4.9	4.8	3.9	4.4	5.3	5.4	5.0	5.0
HALO (KN42)	3.9	6.4	6.0	5.3	4.7	3.7	4.3	5.4	5.3	4.3	5.0
SUNSHINE 2	3.3	6.4	5.9	4.9	5.1	4.4	4.9	5.1	5.1	5.0	5.0
BAR LP 4920	3.9	6.3	5.1	5.1	4.7	3.5	4.5	5.3	5.3	4.7	4.9
AFFINITY	4.1	6.1	5.5	5.3	4.5	3.6	4.1	4.9	4.9	5.0	4.8
PANTHER	3.9	6.5	5.1	5.5	4.6	3.5	4.1	4.9	4.9	4.7	4.8
LPR 02203	3.6	5.9	5.3	5.5	4.5	3.9	4.1	4.4	4.1	4.0	4.6
PIZZAZZ	4.1	6.5	5.1	4.3	4.1	3.3	3.7	4.6	4.5	3.7	4.5
PREMIER	4.4	5.3	4.9	5.1	4.7	3.9	3.5	4.0	4.1	6.0	4.5
PINNACLE	4.6	4.5	4.5	4.6	4.7	3.5	3.7	4.7	4.7	5.0	4.4
PICK 02-R	2.8	5.2	5.1	4.6	4.7	3.1	3.1	4.1	4.7	4.0	4.1
LINN	1.9	2.2	2.1	1.7	1.5	1.4	1.3	1.6	1.9	3.0	1.7
LSD VALUE	1.1	0.9	0.7	0.8	1.1	0.9	1.0	0.8	1.0	1.7	0.5
C.V. (%)	30.2	18.2	17.0	19.7	26.4	27.4	26.3	20.0	23.2	16.5	13.8

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

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

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
CUTTER II (PM 101)	7.2	8.0	7.5	7.0	6.7	7.0	7.4	7.3	7.3
ASP6004 (EXS54)	7.1	7.3	7.2	6.9	7.2	7.6	7.3	7.0	7.2
KOKOMO II (IS-PR 235)	6.8	7.3	7.3	7.1	7.1	7.7	7.3	7.7	7.2
REVENGE GLX (JR-348)	6.9	7.3	7.1	6.9	6.9	7.4	7.5	8.0	7.2
CALYPSO 3 (MS2)	7.3	7.5	7.2	6.8	6.6	6.9	7.1	7.7	7.1
PALACE (IS-PR 273)	7.0	7.6	7.1	6.7	6.9	7.2	7.2	7.7	7.1
ZOOM (LCK)	7.3	7.4	7.0	7.1	7.2	6.7	6.7	7.0	7.1
ASP6006 (LPFG)	6.8	7.1	6.8	6.7	6.9	7.1	7.4	7.3	7.0
ATTRIBUTE (IS-PR 270)	6.9	7.4	6.8	6.9	6.9	7.2	7.1	8.0	7.0
FIESTA 4 (PICK F4)	6.9	7.3	7.0	6.6	7.0	6.9	7.1	7.0	7.0
HOMERUN (RG3P)	7.4	7.2	6.7	6.5	6.7	7.3	7.3	6.7	7.0
MAJESTY II (VB77)	6.9	7.2	6.8	6.6	7.0	7.1	7.0	7.3	7.0
PROTOTYPE (DCM)	7.0	7.2	6.9	6.9	6.9	6.9	7.1	7.3	7.0
ALLSTAR 3 (IS-PR 274)	6.8	7.3	6.9	6.5	6.7	7.0	7.1	7.0	6.9
ASP6003 (TRS)	6.9	7.3	6.7	6.5	6.8	7.0	7.0	7.0	6.9
CABO II (IS-PR 233)	7.0	7.0	6.6	6.5	6.8	7.0	7.1	7.3	6.9
DASHER 3 (PICK RB-1)	6.9	7.1	6.9	6.6	6.7	6.9	6.9	8.0	6.9
FIREBOLT (PRG HS-01-09)	7.0	7.3	6.9	6.6	6.3	7.0	7.0	7.0	6.9
KEYSTONE 2 (IS-PR 312)	6.4	6.7	6.9	6.7	6.9	7.3	7.2	7.7	6.9
PALMER GLS (GL-2)	6.8	7.3	6.9	6.7	6.8	6.9	7.1	7.7	6.9
REGAL 5 (IS-PR 271)	6.9	7.5	6.9	6.4	6.5	7.0	7.3	7.0	6.9
SILVER DOLLAR	6.3	6.7	6.9	6.9	6.7	7.1	7.3	8.0	6.9
TR47	7.1	7.1	6.5	6.5	6.9	6.9	7.1	7.3	6.9
AMAZING GS (IS-PR 276)	6.3	6.9	6.9	6.5	6.8	7.1	7.1	7.0	6.8
EXACTA II GLSR (LTP-611-GLSR)	6.5	6.7	6.4	6.4	6.9	7.1	7.3	7.7	6.8
MMW	6.8	6.9	6.5	6.3	6.9	6.9	7.1	7.7	6.8
NEXUS XD (SP4)	7.1	7.1	6.7	6.2	6.8	7.0	6.9	7.7	6.8
PALMER IV	6.9	7.1	6.8	6.3	6.8	6.7	7.0	6.7	6.8
PALMER V (RNS)	7.0	7.3	6.8	6.5	6.7	6.5	6.8	7.7	6.8
PINNACLE II	6.7	7.2	6.8	6.8	6.7	6.5	6.8	7.0	6.8
PRIMARY (IS-PR 269)	7.1	6.9	6.5	6.7	6.8	6.8	6.8	6.7	6.8
SOPRANO (DP1)	7.0	6.9	6.7	6.2	6.4	6.9	7.1	8.3	6.8
STELLAR GL (IS-PR 236)	7.1	7.2	6.8	6.6	6.5	6.9	6.8	7.3	6.8
UNO (D04-11T)	7.1	7.2	6.9	6.4	7.0	6.7	6.7	6.3	6.8
VB99	7.1	7.2	6.7	6.5	6.7	6.7	6.9	6.3	6.8
WIND DANCE 2 (PWDR)	6.8	7.2	6.7	6.6	6.5	7.0	7.0	6.3	6.8
DERBY XTREME (IS-PR 268)	6.8	6.7	6.7	6.7	6.7	6.7	6.8	7.0	6.7
EDGE II (AC2)	6.7	7.1	6.9	6.5	6.3	6.7	6.7	6.7	6.7
GRAND SLAM 2 (PST-2GSM)	6.8	6.9	6.1	6.1	6.8	7.0	7.1	7.0	6.7
LINE DRIVE GLS (APR 1797)	6.7	6.8	6.9	6.3	6.7	6.7	6.7	6.7	6.7
MACH I	7.1	7.1	6.6	6.4	6.8	6.5	6.6	6.3	6.7
NEXUS XR (SNR)	7.1	7.1	6.5	5.9	6.6	6.6	6.9	6.7	6.7
NOTABLE (AF)	6.6	6.5	6.6	6.7	6.8	6.9	6.7	6.3	6.7
PARAGON GLR	6.6	7.1	6.8	6.7	7.0	6.5	6.4	6.3	6.7
PICK 02-R	7.2	7.6	6.9	5.9	5.9	6.3	6.9	6.3	6.7
TOP GUN II (JR-324)	7.0	6.9	6.6	6.8	6.5	6.5	6.6	6.0	6.7
ASP6005 (AJM)	6.9	6.9	6.3	5.9	6.5	6.8	6.7	6.3	6.6

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BUENA VISTA	6.5	6.6	6.7	6.5	6.5	6.8	6.9	7.0	6.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.5	6.6	6.4	6.5	6.9	6.7	6.7	7.3	6.6
FIJI (GPR)	6.8	6.7	6.5	6.3	6.6	6.7	6.8	6.3	6.6
FUSION	6.3	6.9	6.7	6.1	6.4	7.0	6.9	6.3	6.6
HARRIER (SRX 4UP3)	6.5	6.5	6.6	6.1	6.6	7.0	7.0	7.3	6.6
LA QUINTA (JR-255)	7.2	6.9	6.7	6.1	6.3	6.5	6.5	6.3	6.6
PLEASURE SUPREME (PM 103)	6.5	7.1	6.8	6.3	6.3	6.7	6.7	6.3	6.6
PRESIDIO (CNV)	6.9	6.7	6.3	6.1	6.7	6.8	6.9	6.7	6.6
PROTEGE GLR	6.3	6.7	6.5	5.9	6.6	7.0	6.9	7.3	6.6
SECRETARIAT II GLSR (LTP-101-GLSR)	6.5	6.7	6.6	6.2	6.8	6.6	6.6	6.7	6.6
APPLE GL (AAZ-B104)	6.5	6.6	6.3	6.4	6.5	6.8	6.8	6.7	6.5
CADDIESHACK II (JR-163)	6.9	6.9	6.6	6.4	6.3	6.1	6.5	6.7	6.5
D04-LP05	6.5	6.7	6.3	6.4	6.3	6.5	6.5	7.3	6.5
DELAWARE XL (PICK 01-2)	6.7	6.6	6.5	6.1	6.4	6.7	6.8	6.0	6.5
GRAY FOX (PST-2MNG)	6.7	6.8	6.5	6.3	6.5	6.4	6.5	7.0	6.5
HEADSTART 2	6.7	7.1	6.5	6.3	5.9	6.5	6.4	6.0	6.5
MONTEREY 3 (JR-408)	6.7	6.9	6.9	6.1	6.2	6.5	6.6	6.3	6.5
OVERDRIVE	6.6	6.5	6.5	6.6	6.3	6.3	6.5	6.7	6.5
PLATEAU (PST-2LAN)	6.9	6.5	6.3	6.1	6.6	6.7	6.6	6.3	6.5
PST-2AG4	6.7	6.9	6.5	6.1	6.1	6.5	6.7	7.0	6.5
RINGER II (04-BEN)	6.6	6.8	6.4	6.1	6.7	6.5	6.6	6.0	6.5
SUNSHINE 2	7.1	7.3	6.7	5.9	6.1	6.1	6.3	6.0	6.5
TRANSFORMER (D04-1667)	6.1	6.7	6.5	6.3	6.6	6.7	6.7	7.0	6.5
1G SQUARED (APR 1664)	6.5	6.7	6.3	6.0	6.1	6.3	6.5	6.3	6.4
ASP6001 (RTS)	6.9	7.0	6.3	5.7	6.3	6.5	6.6	6.0	6.4
BAR LP 4420	6.5	6.5	6.5	6.2	6.1	6.4	6.5	6.7	6.4
CHIVALRY (APR 1648)	6.3	6.9	6.3	6.2	6.1	6.6	6.7	5.3	6.4
CITATION FORE	6.3	6.4	6.4	6.0	6.2	6.5	6.6	6.7	6.4
DART (APR 1663)	6.2	6.7	6.5	6.0	6.3	6.7	6.5	6.0	6.4
DEFENDER (D04-UP)	6.3	6.5	6.3	6.2	6.5	6.7	6.6	7.3	6.4
ES45	6.5	6.8	6.2	5.8	6.2	6.5	6.6	6.3	6.4
GRAY STAR (PST-2LGL)	6.5	6.7	6.4	5.9	6.1	6.4	6.5	6.7	6.4
HALO (KN42)	6.5	6.7	6.2	6.1	6.4	6.5	6.6	6.3	6.4
INSPIRE	6.5	6.5	6.4	6.1	6.4	6.6	6.6	6.3	6.4
PACESETTER II (PS-2)	6.3	6.8	6.7	6.1	6.1	6.5	6.4	6.0	6.4
PANTHER GLS	6.3	6.7	6.3	6.1	6.3	6.3	6.5	6.7	6.4
PIZZAZZ	6.3	6.4	6.3	6.3	6.3	6.5	6.7	7.0	6.4
PST-2BLK	6.3	6.5	6.5	6.1	6.3	6.5	6.5	6.0	6.4
SR 4600 (SRX 4SP)	6.2	6.5	6.4	6.1	6.3	6.5	6.4	7.3	6.4
ASP6002 (BPR)	6.6	6.4	6.1	6.1	6.3	6.4	6.5	6.0	6.3
BAR LP 4317	6.4	6.1	6.2	6.2	6.2	6.6	6.5	7.0	6.3
E-99	6.1	6.3	6.2	6.3	6.1	6.3	6.5	6.3	6.3
GOALKEEPER II (JR-114)	6.8	6.7	6.3	5.9	5.9	6.3	6.4	5.3	6.3
MANHATTAN 5 GLR (PST-2AM)	6.3	6.1	6.3	6.1	6.3	6.5	6.4	6.7	6.3
QUICKSILVER	6.4	6.4	6.2	5.9	6.3	6.8	6.5	6.0	6.3
REPELL GLS	6.5	6.3	6.6	5.7	6.2	6.5	6.5	6.7	6.3
ACCENT II (JR-119)	6.2	6.3	6.4	6.1	6.1	6.0	6.2	6.3	6.2

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BACCARAT (RAD-PR8)	6.3	6.7	6.3	5.9	5.7	6.1	6.4	7.3	6.2
FOREVER (DP 17-9499)	6.1	6.3	6.3	6.1	6.2	6.3	6.5	6.3	6.2
HAWKEYE 2 (SRX 4692)	6.1	6.1	6.2	6.1	6.1	6.3	6.4	6.3	6.2
PHENOM (APR 1660)	6.2	6.4	6.5	5.9	6.3	6.1	6.3	6.0	6.2
PST-217	6.5	6.4	6.3	5.9	6.3	6.1	6.3	5.3	6.2
WAYFARER (L44)	6.4	6.5	6.3	5.9	5.9	6.2	6.4	6.3	6.2
BREA (04-BRE)	6.2	6.5	5.8	5.7	6.1	6.0	6.3	6.7	6.1
BRIGHTSTAR SLT	5.9	6.3	6.2	5.7	5.8	6.3	6.3	5.7	6.1
GALATTI (DP 17-9502)	6.1	6.7	6.5	5.9	5.7	6.1	6.0	6.0	6.1
LS 2300 (APR 1670)	5.8	5.9	6.2	5.9	6.2	6.3	6.4	6.7	6.1
PIANIST (DP 17-9505)	6.1	6.4	6.3	5.7	5.9	6.1	6.1	6.7	6.1
PREMIER II	5.9	6.1	6.3	6.3	5.9	6.1	5.9	6.0	6.1
PENTIUM	5.7	5.9	6.1	6.3	5.9	6.0	6.1	5.7	6.0
PM 102	6.1	6.3	5.9	5.7	5.9	6.1	6.3	6.0	6.0
SRX 4682	6.0	6.0	5.9	5.5	5.9	6.3	6.3	6.0	6.0
BARLENNIUM	5.8	5.8	5.9	5.9	5.7	5.6	5.8	5.0	5.8
BAR LP 4920	5.6	5.9	5.9	5.3	5.3	5.7	5.9	4.3	5.7
DP 17-9788	5.6	5.9	5.9	5.7	5.6	5.3	5.5	5.7	5.7
PANTHER	5.5	5.5	5.6	5.6	5.7	5.8	6.0	5.7	5.7
PALMER III	5.4	5.7	5.7	5.4	5.7	5.8	5.7	5.3	5.6
LPR 02203	5.1	5.1	5.1	5.4	4.9	4.4	5.0	5.0	5.0
AFFINITY	4.9	4.4	4.7	4.5	4.7	4.5	4.7	4.3	4.6
PREMIER	4.6	4.5	4.7	4.7	4.4	4.3	4.7	4.3	4.6
PINNACLE	3.7	3.9	3.9	3.7	3.7	3.6	3.7	3.3	3.8
LINN	2.4	2.3	2.5	2.1	2.2	2.2	2.3	1.7	2.3
LSD VALUE	0.6	0.6	0.7	0.8	1.0	1.0	0.9	1.6	0.5
C.V. (%)	14.2	12.6	15.4	17.4	21.0	21.6	18.9	14.3	12.6

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

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

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
APPLE GL (AAZ-B104)	7.8	7.5	6.9	7.7	7.3	6.0	6.8	7.4	7.2
SOPRANO (DP1)	7.8	7.2	7.3	7.9	7.6	6.0	6.5	6.7	7.1
ALLSTAR 3 (IS-PR 274)	7.3	7.0	6.5	7.4	7.3	6.1	7.0	7.4	7.0
HARRIER (SRX 4UP3)	7.7	7.5	7.1	7.9	7.4	5.7	6.2	6.7	7.0
EXACTA II GLSR (LTP-611-GLSR)	7.4	7.0	7.3	7.3	6.7	6.1	6.5	6.9	6.9
PANTHER GLS	7.5	7.2	7.0	7.4	7.1	5.9	6.5	6.8	6.9
LINE DRIVE GLS (APR 1797)	7.3	7.1	6.5	7.1	7.1	5.8	6.5	6.6	6.8
NOTABLE (AF)	7.3	7.3	7.1	7.5	6.9	5.6	6.2	6.5	6.8
SR 4600 (SRX 4SP)	7.6	7.2	6.9	7.2	6.9	5.6	6.2	6.9	6.8
TRANSFORMER (D04-1667)	7.2	6.9	6.9	7.6	6.8	5.7	6.6	6.5	6.8
AMAZING GS (IS-PR 276)	7.5	7.0	6.7	7.4	6.8	5.7	6.1	6.3	6.7
GRAND SLAM 2 (PST-2GSM)	7.3	7.0	6.4	6.9	6.5	6.0	6.1	6.5	6.6
HOMERUN (RG3P)	7.0	7.2	7.0	7.5	6.7	5.3	5.7	6.1	6.6
LS 2300 (APR 1670)	7.3	6.9	6.6	7.4	6.1	5.7	6.3	6.3	6.6
PARAGON GLR	7.3	7.2	6.8	7.2	6.7	5.6	5.9	6.1	6.6
SECRETARIAT II GLSR (LTP-101-GLSR)	6.9	6.9	6.9	7.5	6.6	5.7	6.0	6.4	6.6
SILVER DOLLAR	7.2	6.7	6.4	6.8	6.5	6.3	6.5	6.7	6.6
DASHER 3 (PICK RB-1)	7.7	6.8	6.7	7.0	6.2	5.1	6.1	6.4	6.5
FIESTA 4 (PICK F4)	7.4	7.2	6.6	7.1	6.4	5.3	6.1	6.1	6.5
GRAY FOX (PST-2MNG)	7.0	7.0	6.6	6.8	6.4	6.1	6.0	6.1	6.5
MANHATTAN 5 GLR (PST-2AM)	7.1	6.6	6.5	7.2	6.3	5.8	6.0	6.5	6.5
PALMER V (RNS)	7.1	7.1	6.7	6.8	6.3	5.6	6.2	6.1	6.5
1G SQUARED (APR 1664)	7.5	6.5	6.1	7.0	6.3	5.7	6.0	6.2	6.4
ATTRIBUTE (IS-PR 270)	7.5	7.1	6.8	7.3	6.5	5.1	5.3	5.5	6.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.1	6.8	6.4	6.6	6.2	5.7	6.1	6.5	6.4
DERBY XTREME (IS-PR 268)	6.6	6.7	6.5	6.9	6.5	5.7	6.1	6.4	6.4
KEYSTONE 2 (IS-PR 312)	7.0	6.8	6.7	6.9	6.6	5.5	5.5	5.9	6.4
MMW	7.5	6.8	6.3	6.9	6.1	5.4	6.1	6.2	6.4
PALMER IV	7.0	6.6	6.3	6.5	6.3	5.7	6.0	6.1	6.3
PHENOM (APR 1660)	7.2	6.3	6.3	6.8	6.3	5.3	6.1	6.3	6.3
PRIMARY (IS-PR 269)	6.6	6.9	6.7	7.2	6.3	5.5	5.5	5.9	6.3
CITATION FORE	6.5	6.6	6.1	6.7	6.1	5.6	5.8	5.8	6.2
HAWKEYE 2 (SRX 4692)	6.7	6.4	6.5	6.8	6.1	5.1	6.1	6.3	6.2
ZOOM (LCK)	7.1	6.8	6.5	6.5	6.1	5.2	5.5	6.0	6.2
OVERDRIVE	6.9	6.6	6.3	6.5	6.0	5.5	5.3	5.5	6.1
PALMER GLS (GL-2)	6.7	6.3	6.3	6.5	6.0	5.3	5.8	5.7	6.1
STELLAR GL (IS-PR 236)	6.5	6.5	6.7	6.7	6.2	5.0	5.1	5.9	6.1
DART (APR 1663)	6.7	6.1	5.9	6.1	5.6	5.3	6.1	5.8	6.0
KOKOMO II (IS-PR 235)	6.5	6.4	6.3	6.7	5.7	5.3	5.1	5.7	6.0
PROTOTYPE (DCM)	6.3	6.3	6.2	6.3	6.3	5.1	5.4	5.6	6.0
REVENGE GLX (JR-348)	6.5	6.2	5.6	5.8	6.1	5.9	6.1	6.0	6.0
UNO (D04-11T)	6.2	6.3	6.5	6.4	6.0	5.4	5.6	5.7	6.0
PLATEAU (PST-2LAN)	6.0	6.4	5.8	6.1	5.9	5.5	5.8	5.9	5.9
PROTEGE GLR	6.4	6.2	6.1	6.5	6.0	4.9	5.3	5.7	5.9
PST-2BLK	6.6	6.3	5.8	6.5	5.7	5.3	5.4	5.4	5.9
REPELL GLS	6.5	6.3	6.2	6.4	5.9	4.9	5.1	5.5	5.9
SRX 4682	6.2	6.5	6.3	6.1	5.6	4.9	5.3	5.5	5.8

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BACCARAT (RAD-PR8)	6.2	5.9	6.1	6.1	5.8	4.7	5.1	5.5	5.7
BUENA VISTA	6.0	6.1	5.9	5.8	5.7	5.3	5.3	5.6	5.7
PST-217	6.5	6.2	5.9	6.1	5.7	4.9	5.1	5.1	5.7
REGAL 5 (IS-PR 271)	6.7	6.3	6.2	6.3	5.3	4.5	4.8	5.3	5.7
BAR LP 4317	6.1	5.9	6.0	5.6	5.6	4.8	5.1	5.3	5.6
DEFENDER (D04-UP)	6.2	5.8	5.9	6.0	5.5	4.7	5.0	5.4	5.6
PALACE (IS-PR 273)	6.4	6.0	5.9	6.1	5.7	4.7	5.1	5.0	5.6
CABO II (IS-PR 233)	6.2	5.9	5.5	5.7	5.3	5.0	5.3	5.4	5.5
DP 17-9788	6.1	5.8	5.5	5.3	5.2	5.2	5.3	5.3	5.5
EDGE II (AC2)	5.9	6.1	5.9	5.8	5.6	4.7	4.7	4.9	5.5
PINNACLE II	6.1	5.9	5.3	5.6	5.7	5.1	5.1	5.3	5.5
ASP6004 (EXS54)	5.9	5.6	5.8	5.5	5.5	4.5	5.1	5.1	5.4
PST-2AG4	6.3	5.9	5.8	5.5	5.1	4.8	5.3	4.8	5.4
ACCENT II (JR-119)	5.9	5.7	5.5	5.3	5.3	5.1	4.7	4.7	5.3
CADDIESHACK II (JR-163)	5.9	6.1	5.8	5.6	5.2	4.6	4.4	5.0	5.3
GRAY STAR (PST-2LGL)	6.1	5.9	5.3	4.9	4.9	4.9	5.2	5.3	5.3
PENTIUM	5.7	5.6	5.5	5.4	5.0	4.9	5.2	5.0	5.3
MAJESTY II (VB77)	5.9	5.6	5.5	5.3	5.1	4.6	4.8	4.7	5.2
PLEASURE SUPREME (PM 103)	5.9	5.3	5.2	5.1	5.1	4.9	4.9	4.8	5.1
FUSION	5.5	5.3	5.5	5.4	5.0	4.2	4.6	4.5	5.0
NEXUS XR (SNR)	5.5	5.5	5.3	4.8	5.1	4.5	4.6	4.6	5.0
PRESIDIO (CNV)	5.7	5.3	4.9	4.7	5.1	4.6	4.3	4.9	5.0
BREA (04-BRE)	5.4	5.3	4.9	4.7	4.7	4.5	4.6	4.9	4.9
ES45	5.5	5.1	5.1	4.7	4.6	4.7	4.9	4.9	4.9
FIJI (GPR)	5.3	5.3	5.3	5.1	5.1	4.4	4.6	4.5	4.9
TR47	5.4	4.9	5.1	4.5	4.7	4.3	5.0	4.9	4.9
WIND DANCE 2 (PWDR)	5.3	5.0	5.1	4.7	4.9	4.8	4.8	4.7	4.9
BAR LP 4420	5.5	5.1	4.8	4.9	4.8	4.8	4.6	4.1	4.8
CALYPSO 3 (MS2)	5.6	5.4	4.7	5.1	4.5	4.1	4.2	4.3	4.8
MACH I	5.3	5.4	5.2	5.0	5.1	4.3	4.1	4.2	4.8
VB99	5.4	4.9	4.9	4.8	5.0	4.6	4.1	4.7	4.8
CHIVALRY (APR 1648)	5.1	5.5	4.9	5.2	4.9	3.9	3.8	4.1	4.7
CUTTER II (PM 101)	5.2	5.3	5.0	5.1	5.1	4.1	4.0	4.0	4.7
TOP GUN II (JR-324)	5.3	5.2	4.9	5.1	4.6	4.1	3.8	4.3	4.7
AFFINITY	4.8	5.0	4.5	4.5	4.6	4.4	4.5	4.3	4.6
ASP6001 (RTS)	5.2	4.7	5.0	4.5	4.6	4.3	4.1	4.2	4.6
ASP6005 (AJM)	4.8	5.5	4.9	4.6	4.7	4.1	3.9	4.2	4.6
E-99	5.3	4.9	4.9	4.6	4.7	4.1	4.5	4.1	4.6
FIREBOLT (PRG HS-01-09)	5.1	5.3	5.1	4.5	4.4	3.8	4.3	4.2	4.6
RINGER II (04-BEN)	5.0	4.9	4.9	4.5	4.5	4.2	4.4	4.2	4.6
D04-LP05	5.3	5.2	4.5	4.6	4.5	3.9	3.9	3.7	4.5
DELAWARE XL (PICK 01-2)	5.3	5.0	4.4	4.3	4.6	3.9	4.1	4.2	4.5
NEXUS XD (SP4)	5.1	4.6	4.7	4.3	4.5	3.9	4.3	4.3	4.5
PALMER III	5.3	5.3	5.2	4.1	4.5	4.1	3.8	3.8	4.5
GALATTI (DP 17-9502)	5.2	4.9	4.5	4.0	4.7	4.2	4.4	3.7	4.4
INSPIRE	5.3	5.3	4.9	3.9	4.4	3.7	3.8	3.6	4.4
LA QUINTA (JR-255)	5.0	4.7	4.8	4.2	4.3	4.2	4.1	4.2	4.4

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MONTEREY 3 (JR-408)	5.1	4.9	4.6	4.1	4.6	4.1	3.9	3.9	4.4
PIANIST (DP 17-9505)	5.1	5.2	4.7	4.7	4.5	3.7	3.7	3.4	4.4
PREMIER II	4.5	4.7	5.0	4.4	4.7	3.9	4.2	3.9	4.4
ASP6003 (TRS)	4.7	4.7	4.5	4.4	4.1	4.1	3.8	4.1	4.3
FOREVER (DP 17-9499)	4.7	4.9	4.9	4.5	4.7	3.9	3.6	3.3	4.3
WAYFARER (L44)	4.6	4.6	4.5	4.4	4.0	3.9	3.9	4.1	4.3
ASP6002 (BPR)	5.0	4.5	4.5	3.9	4.0	3.9	3.9	3.8	4.2
ASP6006 (LPFG)	4.1	4.9	4.6	4.2	4.2	3.9	4.0	3.7	4.2
GOALKEEPER II (JR-114)	4.7	4.9	4.5	4.4	4.3	3.5	3.7	3.7	4.2
HALO (KN42)	4.3	4.6	4.7	4.2	4.3	3.9	3.9	3.8	4.2
QUICKSILVER	4.5	4.5	4.7	4.1	4.0	3.7	3.7	3.9	4.2
BRIGHTSTAR SLT	4.3	5.1	4.2	3.9	4.1	3.5	3.9	3.9	4.1
HEADSTART 2	4.5	4.7	4.1	4.2	4.1	3.9	3.9	3.4	4.1
PREMIER	4.7	4.4	3.8	3.7	3.9	4.1	3.9	3.9	4.1
BARLENNIUM	4.3	4.4	4.4	4.4	4.4	3.4	3.5	3.4	4.0
PM 102	4.5	4.3	4.3	3.9	4.0	3.3	3.7	3.5	4.0
SUNSHINE 2	4.6	4.3	4.3	4.1	4.3	3.5	3.5	3.2	4.0
PINNACLE	4.9	4.0	3.7	3.5	3.9	3.2	3.7	3.7	3.8
PACESETTER II (PS-2)	4.2	3.9	3.8	3.4	3.8	3.0	2.5	2.4	3.4
PICK 02-R	3.9	4.1	3.9	3.4	3.5	2.9	2.9	2.4	3.4
PIZZAZZ	3.9	3.9	3.3	3.6	3.6	3.6	2.9	2.3	3.4
BAR LP 4920	3.3	3.6	3.4	3.1	2.9	2.6	2.4	2.3	3.0
PANTHER	3.2	3.4	3.6	3.3	3.6	2.9	2.1	2.1	3.0
LPR 02203	2.9	2.5	2.8	2.5	2.3	1.8	1.8	1.6	2.3
LINN	1.9	1.8	1.8	1.5	1.4	1.5	1.5	1.2	1.6
LSD VALUE	1.0	1.0	1.1	1.0	0.8	1.0	0.9	0.9	0.6
C.V. (%)	24.7	25.7	28.0	26.4	23.9	30.0	27.9	26.3	18.2

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ZOOM (LCK)	3.4	5.8	6.5	6.4	6.3	6.0	6.5	6.6	6.1	6.7	6.1
ALLSTAR 3 (IS-PR 274)	3.8	5.3	6.5	6.4	6.2	6.3	6.6	6.3	6.0	6.3	6.0
CHIVALRY (APR 1648)	3.0	5.3	6.4	6.4	6.2	6.3	6.5	6.4	5.8	6.0	6.0
PALMER V (RNS)	3.7	5.6	6.1	6.2	6.1	5.6	6.8	6.4	5.9	6.0	6.0
SILVER DOLLAR	3.4	5.7	6.3	6.2	6.1	6.2	6.7	6.3	5.9	5.7	6.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	3.3	5.4	5.9	5.9	6.0	6.2	6.5	6.4	6.0	6.0	5.9
FIESTA 4 (PICK F4)	3.1	5.3	6.4	6.2	6.1	5.8	6.9	6.5	5.7	6.0	5.9
LINE DRIVE GLS (APR 1797)	3.4	5.6	6.1	5.6	5.9	6.1	6.6	6.3	5.8	6.3	5.9
MMW	3.4	5.4	6.0	6.1	5.7	6.2	6.7	6.3	6.0	6.7	5.9
TRANSFORMER (D04-1667)	2.8	5.3	6.0	5.9	6.4	6.3	6.7	6.2	5.8	6.7	5.9
APPLE GL (AAZ-B104)	3.4	5.3	5.9	5.9	5.7	5.9	6.5	6.3	6.1	6.3	5.8
DERBY XTREME (IS-PR 268)	3.1	4.7	6.0	5.9	5.7	5.9	6.7	6.7	6.3	6.7	5.8
FIJI (GPR)	3.3	5.5	6.1	6.1	5.7	6.0	6.2	6.1	6.0	5.3	5.8
HOMERUN (RG3P)	3.4	5.0	6.1	6.3	6.1	5.9	6.2	6.1	5.7	5.7	5.8
MANHATTAN 5 GLR (PST-2AM)	3.6	5.5	5.9	5.9	6.4	6.3	6.4	5.7	5.4	5.0	5.8
SECRETARIAT II GLSR (LTP-101-GLSR)	3.2	5.3	6.1	6.1	6.1	6.0	6.4	6.1	5.7	5.7	5.8
SR 4600 (SRX 4SP)	3.7	5.3	5.9	5.8	5.5	6.0	6.4	6.3	6.1	5.7	5.8
1G SQUARED (APR 1664)	3.1	5.3	6.1	5.7	5.6	5.8	6.1	6.4	6.0	6.0	5.7
ACCENT II (JR-119)	2.9	5.2	6.1	6.3	6.1	6.2	6.4	5.6	5.3	5.0	5.7
AMAZING GS (IS-PR 276)	3.3	5.1	5.9	5.8	5.5	5.9	6.2	6.3	5.9	6.0	5.7
ASP6001 (RTS)	3.2	5.4	6.5	6.0	5.6	5.7	6.2	5.9	5.6	5.7	5.7
CALYPSO 3 (MS2)	3.7	5.7	6.1	5.8	5.7	5.7	6.2	5.7	5.6	5.7	5.7
CITATION FORE	3.0	5.4	6.0	6.1	5.7	6.0	6.3	5.9	6.0	6.0	5.7
CUTTER II (PM 101)	3.3	5.2	5.9	6.0	5.7	5.9	6.3	6.1	5.9	6.0	5.7
DASHER 3 (PICK RB-1)	3.3	4.8	6.1	5.9	5.9	5.7	6.5	6.5	5.9	5.7	5.7
E-99	3.1	5.0	5.8	5.8	5.9	6.3	6.3	5.7	5.6	6.3	5.7
GRAND SLAM 2 (PST-2GSM)	3.1	5.3	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.7	5.7
KEYSTONE 2 (IS-PR 312)	2.8	4.6	5.7	6.1	5.9	6.1	6.3	6.2	5.9	6.3	5.7
PALMER GLS (GL-2)	2.8	4.8	6.0	5.9	5.9	5.9	6.5	6.2	6.0	6.0	5.7
TOP GUN II (JR-324)	3.6	5.2	6.3	6.1	5.9	5.9	6.2	5.6	5.3	5.7	5.7
TR47	2.8	5.3	6.3	6.2	5.7	5.6	6.2	6.1	5.9	6.0	5.7
UNO (D04-11T)	2.7	4.5	5.9	6.1	5.8	5.9	6.6	6.3	5.8	6.0	5.7
VB99	3.0	5.1	6.1	6.2	5.7	6.0	6.3	5.9	5.8	5.7	5.7
ASP6005 (AJM)	3.4	5.4	6.2	5.9	5.5	5.7	6.1	5.7	5.3	5.7	5.6
ATTRIBUTE (IS-PR 270)	3.3	4.9	5.6	5.6	5.5	5.8	6.1	6.0	5.8	6.0	5.6
BACCARAT (RAD-PR8)	3.2	4.8	6.1	6.1	5.7	5.5	6.0	6.0	5.6	5.7	5.6
BAR LP 4317	3.0	5.4	6.1	6.1	5.9	6.0	5.9	5.5	5.2	5.7	5.6
BUENA VISTA	3.1	4.7	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.3	5.6
DART (APR 1663)	3.6	5.3	5.8	5.6	5.7	5.9	6.0	6.0	5.4	5.7	5.6
EDGE II (AC2)	3.0	5.0	5.9	5.9	5.9	5.5	6.3	5.9	5.6	5.3	5.6
EXACTA II GLSR (LTP-611-GLSR)	3.2	4.8	6.1	5.8	5.6	5.2	6.3	6.3	6.1	5.7	5.6
FOREVER (DP 17-9499)	2.8	4.7	5.8	6.2	5.8	5.8	6.1	5.7	5.7	6.0	5.6
LS 2300 (APR 1670)	3.3	5.2	5.7	5.6	5.8	6.0	6.3	5.8	5.6	6.0	5.6
MAJESTY II (VB77)	3.2	5.3	5.7	5.7	5.3	6.1	6.1	5.9	5.6	5.3	5.6
OVERDRIVE	3.3	5.3	5.8	5.8	5.5	5.9	6.0	5.8	5.8	5.3	5.6
PACESETTER II (PS-2)	2.9	5.1	6.1	6.0	5.9	5.8	5.9	5.7	5.6	6.0	5.6
PANTHER GLS	3.2	4.7	5.6	5.6	5.7	5.9	6.3	5.9	5.8	6.0	5.6

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PENTIUM	2.9	5.0	5.9	5.9	6.1	6.2	6.2	5.7	5.3	6.0	5.6
PREMIER II	2.9	5.5	5.9	6.0	5.9	6.0	6.0	5.7	5.3	5.3	5.6
PROTEGE GLR	2.7	5.0	5.9	5.7	5.7	5.7	6.3	6.5	5.9	5.7	5.6
PROTOTYPE (DCM)	2.8	5.0	5.7	5.9	5.5	6.0	6.1	6.1	5.7	5.7	5.6
PST-217	3.6	5.5	5.7	5.7	5.5	5.9	6.1	5.8	5.6	5.7	5.6
REGAL 5 (IS-PR 271)	3.2	4.6	6.0	5.9	5.4	5.8	6.0	5.9	6.0	6.0	5.6
REPELL GLS	3.1	5.2	5.9	5.7	5.5	5.7	6.3	5.9	5.4	6.7	5.6
RINGER II (04-BEN)	3.2	5.3	5.9	5.7	5.6	6.0	6.1	5.7	5.1	5.3	5.6
SRX 4682	3.1	5.2	5.7	5.9	5.7	6.1	6.2	5.6	5.4	5.7	5.6
STELLAR GL (IS-PR 236)	2.4	4.3	5.7	5.7	5.6	5.7	6.3	6.3	6.3	6.7	5.6
WIND DANCE 2 (PWDR)	3.0	5.3	6.0	6.0	5.5	5.5	6.1	5.9	5.8	5.7	5.6
BARLENNIUM	3.6	5.6	5.7	5.9	5.6	5.9	6.1	5.5	5.0	5.7	5.5
CABO II (IS-PR 233)	2.9	4.4	5.8	6.1	5.5	5.5	5.9	5.9	5.9	6.3	5.5
CADDIESHACK II (JR-163)	3.3	5.4	5.9	5.7	5.7	5.9	5.9	5.3	5.1	5.3	5.5
DEFENDER (D04-UP)	3.4	5.1	5.6	5.3	5.5	5.5	6.3	6.0	5.6	5.7	5.5
DELAWARE XL (PICK 01-2)	3.2	4.8	5.9	5.7	5.5	5.4	6.1	5.9	5.6	5.7	5.5
DP 17-9788	2.8	5.3	5.8	5.9	5.7	5.6	5.9	5.7	5.7	5.7	5.5
FIREBOLT (PRG HS-01-09)	3.2	4.8	5.9	6.2	5.7	5.5	6.1	5.7	5.8	5.3	5.5
GRAY STAR (PST-2LGL)	2.4	4.5	5.7	5.8	5.7	5.9	6.2	5.7	5.7	6.0	5.5
INSPIRE	3.2	5.1	5.9	5.6	5.7	5.7	6.1	5.7	5.4	5.3	5.5
NEXUS XD (SP4)	2.9	5.1	5.9	6.0	5.4	5.8	6.0	5.9	5.7	5.3	5.5
PALACE (IS-PR 273)	3.3	4.7	5.8	5.9	5.5	5.7	5.9	6.1	5.9	6.0	5.5
PARAGON GLR	3.7	5.2	5.8	5.2	5.3	5.7	6.2	5.7	5.6	5.3	5.5
PHENOM (APR 1660)	3.0	4.8	5.7	5.7	5.8	5.7	6.0	6.1	5.8	6.3	5.5
PIANIST (DP 17-9505)	3.3	4.8	5.8	6.0	5.7	5.7	5.9	5.9	5.2	5.7	5.5
PRESIDIO (CNV)	3.3	5.3	5.8	5.9	5.4	5.4	5.9	5.7	5.7	5.7	5.5
REVENGE GLX (JR-348)	2.8	4.7	5.7	5.3	5.3	5.9	6.4	6.1	5.6	5.7	5.5
SOPRANO (DP1)	2.8	4.5	5.8	5.7	5.7	5.5	6.2	6.1	5.9	6.3	5.5
AFFINITY	3.0	5.8	5.5	5.7	6.0	6.0	5.9	5.0	5.0	5.7	5.4
ASP6004 (EXS54)	3.2	5.0	5.8	5.5	5.2	5.6	6.1	5.7	5.4	5.3	5.4
BAR LP 4920	3.6	5.2	5.5	5.7	5.6	5.7	5.7	5.1	5.2	5.3	5.4
BREA (04-BRE)	3.8	5.3	5.6	5.5	5.2	5.5	5.8	5.5	5.2	5.0	5.4
BRIGHTSTAR SLT	3.0	5.3	5.7	5.5	5.6	5.4	5.9	5.5	5.4	5.3	5.4
D04-LP05	2.6	4.9	5.7	5.7	5.6	5.6	6.0	5.3	5.6	5.7	5.4
FUSION	3.0	4.4	5.7	5.8	5.5	5.5	5.9	5.7	5.8	5.7	5.4
GRAY FOX (PST-2MNG)	3.2	5.3	5.7	5.3	5.7	5.7	5.7	5.7	5.4	5.7	5.4
HALO (KN42)	2.3	4.9	5.9	5.9	5.1	5.7	5.9	5.7	5.4	5.3	5.4
HARRIER (SRX 4UP3)	2.8	4.8	5.7	5.2	5.4	5.7	6.1	6.0	5.4	6.0	5.4
KOKOMO II (IS-PR 235)	3.1	4.8	5.6	5.5	5.3	5.8	5.9	5.7	6.0	6.0	5.4
MACH I	3.3	4.9	5.7	5.8	5.4	5.6	5.6	5.5	5.7	5.3	5.4
MONTEREY 3 (JR-408)	2.3	5.0	6.0	5.7	5.3	5.7	5.9	5.7	5.3	5.0	5.4
NEXUS XR (SNR)	2.7	4.8	6.1	6.1	5.3	5.4	5.9	5.7	5.3	5.3	5.4
NOTABLE (AF)	3.2	4.9	5.6	5.5	5.5	5.7	5.7	5.9	5.6	6.0	5.4
PALMER III	2.6	5.2	5.9	5.7	5.7	5.7	5.8	5.6	5.3	5.7	5.4
PALMER IV	3.2	4.7	6.0	5.5	5.3	5.3	6.1	6.0	5.7	6.0	5.4
PLATEAU (PST-2LAN)	2.7	5.0	5.7	5.6	5.7	6.2	6.0	5.3	5.0	5.3	5.4
PREMIER	3.2	6.1	5.2	5.7	5.9	6.1	5.5	5.1	4.8	5.3	5.4

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PST-2AG4	3.0	5.3	5.7	5.4	5.3	5.7	5.9	5.7	5.6	5.3	5.4
QUICKSILVER	2.7	5.2	5.7	5.5	5.4	5.7	5.9	5.5	5.4	5.3	5.4
ASP6003 (TRS)	2.7	4.8	5.7	5.7	5.3	5.7	5.7	5.6	5.7	5.3	5.3
BAR LP 4420	2.8	4.6	5.5	5.7	5.3	5.3	5.9	5.5	5.3	6.0	5.3
GOALKEEPER II (JR-114)	2.6	5.0	5.9	5.7	5.5	5.7	5.8	5.4	5.3	5.0	5.3
HAWKEYE 2 (SRX 4692)	2.3	4.5	5.4	5.7	5.8	5.7	5.7	5.8	5.1	5.3	5.3
PLEASURE SUPREME (PM 103)	2.8	5.3	5.7	5.4	5.3	5.7	5.8	5.5	5.4	5.3	5.3
PRIMARY (IS-PR 269)	2.8	4.6	5.7	5.5	5.3	5.7	5.8	5.7	5.4	5.7	5.3
PST-2BLK	2.3	4.9	5.7	5.7	5.4	5.7	6.0	5.4	4.9	5.0	5.3
WAYFARER (L44)	3.1	5.3	5.9	5.5	4.9	5.5	5.8	5.7	5.6	5.3	5.3
ASP6002 (BPR)	3.0	5.1	5.5	5.4	4.9	5.6	5.7	5.5	5.2	5.3	5.2
ASP6006 (LPFG)	2.7	4.8	5.7	5.5	5.1	5.3	5.9	5.5	5.1	5.3	5.2
ES45	3.3	5.0	5.5	5.3	4.8	5.5	5.9	5.3	5.3	5.3	5.2
LA QUINTA (JR-255)	2.6	4.9	5.6	5.5	5.2	5.6	5.6	5.3	5.1	5.3	5.2
PINNACLE II	2.7	4.3	5.5	5.5	5.3	5.5	5.7	5.3	5.2	5.3	5.2
PIZZAZZ	2.6	4.7	5.7	5.6	5.1	5.6	5.7	5.5	5.3	5.3	5.2
GALATTI (DP 17-9502)	3.2	4.7	5.4	5.2	4.9	5.0	5.7	5.4	5.3	5.0	5.1
HEADSTART 2	2.6	4.3	5.6	5.3	4.9	5.1	5.7	5.5	5.1	5.3	5.1
PANTHER	3.7	5.4	5.3	5.5	5.1	5.6	5.3	4.6	4.6	4.7	5.1
PM 102	3.3	4.8	5.5	5.1	5.0	5.1	5.5	5.3	5.3	5.3	5.1
SUNSHINE 2	2.9	4.6	5.4	5.7	4.9	5.1	5.6	5.2	5.0	5.3	5.0
LPR 02203	3.2	5.2	5.1	5.1	4.9	5.7	4.9	4.9	4.1	4.3	4.9
PINNACLE	3.2	5.5	4.6	5.1	5.3	5.3	5.1	4.7	4.7	5.3	4.9
PICK 02-R	3.1	4.3	5.1	4.9	4.8	4.8	5.2	5.0	4.4	4.7	4.7
LINN	1.7	3.2	2.5	3.1	2.9	2.7	2.6	2.9	3.0	3.3	2.8
LSD VALUE	0.8	0.8	0.7	0.6	0.5	0.5	0.5	0.4	0.7	1.0	0.4
C.V. (%)	24.4	16.7	16.0	14.2	13.6	11.9	12.3	11.0	13.0	9.6	9.5

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DERBY XTREME (IS-PR 268)	7.0	7.2	6.8	6.6	6.3	6.8	6.9	7.2	6.8
PALMER V (RNS)	6.3	6.6	6.6	6.4	6.5	6.7	6.6	7.2	6.6
SOPRANO (DP1)	6.7	6.9	6.6	6.3	6.2	6.7	6.7	7.3	6.6
UNO (D04-11T)	7.0	6.5	6.6	6.5	6.4	6.7	6.9	7.0	6.6
APPLE GL (AAZ-B104)	6.7	6.6	6.7	6.2	6.3	6.6	6.7	6.9	6.5
DASHER 3 (PICK RB-1)	7.0	6.3	6.5	6.1	6.3	6.5	6.7	6.9	6.5
FIESTA 4 (PICK F4)	6.3	6.8	6.8	6.5	5.9	6.5	6.7	6.9	6.5
HOMERUN (RG3P)	7.0	6.8	6.7	6.3	6.1	6.4	6.5	6.8	6.5
PALACE (IS-PR 273)	6.3	6.6	6.5	6.4	6.3	6.6	6.7	7.0	6.5
PARAGON GLR	6.7	6.8	6.5	6.1	5.7	6.5	7.1	7.4	6.5
PHENOM (APR 1660)	7.0	6.4	6.7	6.3	6.2	6.5	6.5	6.7	6.5
ALLSTAR 3 (IS-PR 274)	6.3	6.4	6.3	6.0	6.0	6.5	6.5	7.0	6.4
ATTRIBUTE (IS-PR 270)	5.7	6.3	6.3	6.2	6.0	6.3	6.7	7.1	6.4
EXACTA II GLSR (LTP-611-GLSR)	5.7	6.3	6.2	6.2	6.0	6.5	6.9	7.1	6.4
HARRIER (SRX 4UP3)	6.0	6.3	6.3	6.3	6.1	6.5	6.5	7.1	6.4
MMW	5.7	6.4	6.3	6.1	5.9	6.5	6.7	7.0	6.4
PALMER GLS (GL-2)	6.3	6.3	6.3	6.3	6.1	6.7	6.6	7.0	6.4
PROTEGE GLR	6.3	6.8	6.6	6.3	5.9	6.4	6.6	6.9	6.4
REGAL 5 (IS-PR 271)	6.3	6.5	6.7	6.3	6.1	6.3	6.4	6.4	6.4
REVENGE GLX (JR-348)	6.3	6.3	6.3	6.1	5.9	6.5	6.6	7.2	6.4
BUENA VISTA	6.0	6.4	6.5	5.9	6.0	6.3	6.5	6.6	6.3
AMAZING GS (IS-PR 276)	6.7	6.3	6.3	5.9	5.7	6.5	6.6	6.4	6.2
FUSION	6.0	6.2	6.3	5.9	5.7	6.5	6.6	6.8	6.2
GRAND SLAM 2 (PST-2GSM)	6.0	6.2	6.2	5.9	5.7	6.3	6.7	6.8	6.2
NOTABLE (AF)	6.0	6.1	6.3	6.1	6.1	6.2	6.4	6.7	6.2
PANTHER GLS	5.3	6.2	6.2	5.9	5.7	6.2	6.6	6.9	6.2
PRIMARY (IS-PR 269)	5.7	6.2	6.3	6.1	5.9	6.3	6.5	6.7	6.2
PST-2AG4	6.3	6.4	6.4	6.1	5.8	6.2	6.5	6.8	6.2
SR 4600 (SRX 4SP)	5.7	6.3	6.2	6.0	6.1	6.2	6.3	6.6	6.2
TRANSFORMER (D04-1667)	6.0	6.1	6.3	6.1	6.0	6.2	6.6	6.6	6.2
DART (APR 1663)	6.0	6.2	6.2	6.0	6.0	6.3	6.2	6.6	6.1
ES45	5.7	6.3	6.0	6.0	5.5	6.1	6.5	6.8	6.1
FOREVER (DP 17-9499)	6.7	6.2	6.3	6.0	5.9	6.1	6.1	6.1	6.1
GRAY FOX (PST-2MNG)	6.0	6.0	6.1	5.8	5.7	6.2	6.5	6.4	6.1
KEYSTONE 2 (IS-PR 312)	6.3	6.2	6.5	6.1	5.7	6.1	6.4	5.8	6.1
LINE DRIVE GLS (APR 1797)	6.0	6.1	6.1	6.0	5.9	6.1	6.1	6.2	6.1
LS 2300 (APR 1670)	6.3	6.2	6.1	5.9	5.8	6.2	6.5	6.8	6.1
PALMER IV	6.3	6.4	6.3	5.9	5.6	6.1	6.2	6.9	6.1
PLATEAU (PST-2LAN)	5.7	6.2	6.0	5.9	5.8	6.2	6.5	6.9	6.1
PLEASURE SUPREME (PM 103)	5.7	6.1	6.2	6.0	6.0	6.1	6.2	6.4	6.1
PROTOTYPE (DCM)	6.0	6.4	6.4	6.0	5.7	6.1	6.2	6.3	6.1
REPELL GLS	5.7	6.3	6.3	6.0	5.7	6.1	6.5	6.4	6.1
SILVER DOLLAR	6.3	6.3	6.3	5.9	6.0	6.2	6.1	6.3	6.1
STELLAR GL (IS-PR 236)	6.0	6.3	6.1	5.7	5.3	6.1	6.5	6.7	6.1
1G SQUARED (APR 1664)	5.7	6.1	6.1	5.8	5.7	6.2	6.1	6.7	6.0
ASP6004 (EXS54)	6.0	6.3	6.1	5.7	5.7	6.1	6.1	6.2	6.0
CALYPSO 3 (MS2)	6.0	6.3	6.5	6.3	5.9	5.9	5.7	5.6	6.0

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	6.0	5.7	5.7	5.9	6.1	6.1	6.4	6.0
CITATION FORE	5.7	6.3	6.0	5.7	5.8	6.0	6.1	6.3	6.0
E-99	5.3	6.3	5.8	5.9	6.0	6.1	6.1	6.4	6.0
MANHATTAN 5 GLR (PST-2AM)	5.7	6.3	5.9	5.9	5.7	6.1	6.1	6.4	6.0
PIANIST (DP 17-9505)	5.7	5.9	6.0	5.9	5.9	6.1	6.1	6.6	6.0
WIND DANCE 2 (PWDR)	5.7	6.2	5.8	5.7	5.7	6.1	6.0	6.3	6.0
ACCENT II (JR-119)	7.0	6.2	6.2	5.9	5.7	5.9	5.7	6.0	5.9
ASP6006 (LPFG)	6.0	6.0	6.1	5.8	5.4	5.9	6.1	6.1	5.9
CUTTER II (PM 101)	5.3	6.0	6.3	6.0	5.9	5.7	5.6	5.8	5.9
D04-LP05	5.7	6.0	6.1	5.7	5.9	5.9	5.9	6.3	5.9
DEFENDER (D04-UP)	5.7	5.8	5.8	5.6	5.7	6.1	6.3	6.3	5.9
DELAWARE XL (PICK 01-2)	6.0	6.2	6.2	5.8	5.8	5.9	5.8	6.2	5.9
KOKOMO II (IS-PR 235)	6.0	6.1	6.1	5.7	5.6	5.9	6.2	6.2	5.9
NEXUS XD (SP4)	5.3	6.1	5.8	5.6	5.4	5.9	6.1	6.4	5.9
NEXUS XR (SNR)	5.7	6.0	6.0	5.7	5.3	6.0	6.3	6.2	5.9
PM 102	5.7	6.2	6.0	5.7	5.4	5.9	6.1	6.3	5.9
PRESIDIO (CNV)	6.3	6.2	6.1	5.8	5.7	5.9	5.9	5.8	5.9
TR47	5.7	6.0	5.7	5.7	5.9	6.0	6.2	6.4	5.9
ZOOM (LCK)	6.0	5.8	6.1	5.9	5.7	5.9	6.0	5.7	5.9
BAR LP 4317	5.7	5.8	6.2	5.8	6.0	5.6	5.5	5.8	5.8
CADDIESHACK II (JR-163)	5.0	5.9	5.8	5.9	5.8	5.9	5.7	6.1	5.8
DP 17-9788	5.3	5.7	5.8	5.5	5.9	5.9	6.1	6.0	5.8
EDGE II (AC2)	5.3	5.8	6.0	5.7	5.9	5.8	5.8	6.1	5.8
FIJI (GPR)	6.0	5.9	6.0	5.3	5.3	5.9	6.1	6.3	5.8
HAWKEYE 2 (SRX 4692)	5.7	5.7	5.9	5.6	5.7	5.9	6.0	6.4	5.8
OVERDRIVE	5.7	5.8	6.0	5.9	5.9	5.8	5.7	5.8	5.8
PIZZAZZ	5.3	5.7	6.0	5.7	5.5	5.9	5.9	5.8	5.8
PST-217	5.7	6.0	6.0	5.5	5.5	5.8	5.7	5.8	5.8
PST-2BLK	6.0	5.9	5.9	5.5	5.2	5.8	6.4	6.3	5.8
ASP6003 (TRS)	5.7	5.8	6.2	5.7	5.3	5.8	5.7	5.4	5.7
BRIGHTSTAR SLT	5.7	5.8	5.7	5.8	5.5	5.6	5.7	5.9	5.7
CABO II (IS-PR 233)	5.7	5.6	6.0	5.5	5.5	5.6	5.9	5.6	5.7
CHIVALRY (APR 1648)	4.7	5.8	6.0	5.9	5.9	5.6	5.3	5.3	5.7
FIREBOLT (PRG HS-01-09)	4.7	6.3	5.9	5.7	5.3	5.7	5.4	5.9	5.7
GRAY STAR (PST-2LGL)	5.3	6.0	5.7	5.6	5.4	5.7	5.5	6.0	5.7
INSPIRE	5.7	5.8	6.0	5.9	5.7	5.6	5.4	5.7	5.7
MAJESTY II (VB77)	5.7	5.9	5.8	5.6	5.5	5.8	5.7	5.8	5.7
PALMER III	6.0	5.9	5.8	5.7	5.6	5.7	5.8	5.9	5.7
PENTIUM	5.7	5.7	5.8	5.9	5.5	5.7	5.7	5.6	5.7
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	5.8	5.8	5.6	5.3	5.9	6.0	6.1	5.7
TOP GUN II (JR-324)	5.0	5.8	5.9	5.7	5.7	5.7	5.7	5.9	5.7
VB99	5.3	5.8	5.8	5.7	5.2	5.5	6.0	6.4	5.7
ASP6002 (BPR)	5.7	5.7	6.0	5.5	5.7	5.5	5.6	5.4	5.6
BACCARAT (RAD-PR8)	5.7	5.9	5.8	5.5	5.3	5.5	5.7	5.6	5.6
MONTEREY 3 (JR-408)	5.3	6.0	5.8	5.5	5.5	5.5	5.5	5.8	5.6
PINNACLE II	5.3	5.8	6.1	5.5	5.5	5.6	5.4	5.6	5.6
BARLENNIUM	5.0	5.7	5.5	5.4	5.4	5.4	5.4	5.6	5.5

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
GALATTI (DP 17-9502)	5.3	5.7	5.7	5.3	5.5	5.5	5.8	5.4	5.5
LA QUINTA (JR-255)	5.7	5.7	5.9	5.6	5.3	5.5	5.4	5.7	5.5
RINGER II (04-BEN)	5.3	5.7	5.6	5.2	5.3	5.5	5.5	5.9	5.5
SRX 4682	5.7	5.3	5.7	5.2	5.7	5.6	5.8	6.1	5.5
WAYFARER (L44)	5.0	5.9	5.7	5.3	5.0	5.5	5.7	5.8	5.5
ASP6005 (AJM)	4.7	5.6	5.6	5.4	5.1	5.4	5.3	5.7	5.4
BAR LP 4420	5.3	5.6	5.8	5.1	5.2	5.3	5.3	5.3	5.4
BREA (04-BRE)	5.0	5.8	5.5	5.2	5.1	5.2	5.4	5.3	5.4
HALO (KN42)	5.7	5.6	5.4	5.2	5.0	5.5	5.9	5.7	5.4
HEADSTART 2	5.7	6.0	5.9	5.4	5.0	5.3	5.2	5.2	5.4
PACESETTER II (PS-2)	4.7	5.6	5.7	5.3	5.5	5.2	5.1	5.1	5.4
QUICKSILVER	5.3	5.7	5.3	5.2	5.1	5.5	5.4	5.6	5.4
ASP6001 (RTS)	5.0	5.8	5.5	5.2	4.9	5.1	5.4	5.3	5.3
MACH I	4.3	5.3	5.1	5.5	5.4	5.3	4.9	5.1	5.3
PREMIER II	4.7	5.1	5.3	5.1	5.4	5.0	5.1	5.1	5.2
SUNSHINE 2	4.0	5.4	5.7	5.4	5.2	5.0	5.0	5.3	5.2
GOALKEEPER II (JR-114)	4.3	5.0	5.1	5.1	5.3	5.1	5.3	5.6	5.1
PANTHER	4.7	5.3	4.9	5.3	4.9	4.9	4.7	5.3	5.0
AFFINITY	4.7	4.8	4.8	4.9	4.8	4.9	5.0	5.3	4.9
PREMIER	4.3	4.8	4.8	4.8	4.8	4.9	4.5	5.1	4.7
LPR 02203	4.0	4.3	4.4	4.7	4.7	4.3	4.2	4.4	4.5
PICK 02-R	4.3	4.8	4.8	4.5	4.3	4.3	4.3	4.6	4.5
BAR LP 4920	4.0	4.3	4.3	4.5	4.5	4.5	4.2	4.3	4.4
PINNACLE	3.7	3.9	4.3	4.3	4.5	4.1	3.9	4.7	4.2
LINN	2.0	2.3	2.3	2.5	2.4	2.5	2.3	2.7	2.5
LSD VALUE	1.3	0.7	0.5	0.5	0.6	0.5	0.7	0.8	0.4
C.V. (%)	13.5	14.4	12.3	12.8	16.2	13.3	16.8	14.8	9.7

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

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

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ORONO, ME 1/
2005 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	AUG	SEP	OCT	MEAN
UNO (D04-11T)	7.7	7.0	7.3	7.3
APPLE GL (AAZ-B104)	6.3	7.7	7.7	7.2
PROTEGE GLR	7.0	7.0	7.7	7.2
BUENA VISTA	6.7	6.7	7.7	7.0
HOMERUN (RG3P)	7.0	8.0	6.0	7.0
REGAL 5 (IS-PR 271)	6.7	7.0	7.3	7.0
DEFENDER (D04-UP)	7.3	6.3	7.0	6.9
FUSION	7.0	6.7	7.0	6.9
LS 2300 (APR 1670)	7.0	7.3	6.3	6.9
NOTABLE (AF)	6.7	6.0	8.0	6.9
PALMER GLS (GL-2)	6.7	6.3	7.7	6.9
PRIMARY (IS-PR 269)	7.0	7.0	6.7	6.9
AMAZING GS (IS-PR 276)	7.0	6.3	7.0	6.8
DART (APR 1663)	7.0	6.3	7.0	6.8
EXACTA II GLSR (LTP-611-GLSR)	6.3	6.7	7.3	6.8
KEYSTONE 2 (IS-PR 312)	6.7	7.0	6.7	6.8
PALACE (IS-PR 273)	7.0	6.7	6.7	6.8
PARAGON GLR	7.3	6.0	7.0	6.8
SR 4600 (SRX 4SP)	7.0	6.7	6.7	6.8
STELLAR GL (IS-PR 236)	7.0	6.7	6.7	6.8
ZOOM (LCK)	7.3	6.3	6.7	6.8
1G SQUARED (APR 1664)	6.7	6.0	7.3	6.7
ALLSTAR 3 (IS-PR 274)	6.7	6.3	7.0	6.7
DERBY XTREME (IS-PR 268)	7.3	5.7	7.0	6.7
PROTOTYPE (DCM)	6.7	7.0	6.3	6.7
BRIGHTSTAR SLT	6.7	6.7	6.3	6.6
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.0	6.0	6.7	6.6
PALMER IV	7.7	5.7	6.3	6.6
CABO II (IS-PR 233)	7.0	5.7	6.7	6.4
GRAY STAR (PST-2LGL)	6.3	7.0	6.0	6.4
KOKOMO II (IS-PR 235)	6.0	6.7	6.7	6.4
MACH I	7.7	5.7	6.0	6.4
PANTHER GLS	6.7	6.7	6.0	6.4
PREMIER II	6.7	7.3	5.3	6.4
TRANSFORMER (D04-1667)	6.7	5.7	7.0	6.4
FIJI (GPR)	6.3	6.7	6.0	6.3
HARRIER (SRX 4UP3)	6.7	6.0	6.3	6.3
PALMER V (RNS)	6.7	6.0	6.3	6.3
PIANIST (DP 17-9505)	7.3	5.7	6.0	6.3
PLEASURE SUPREME (PM 103)	6.7	6.7	5.7	6.3
RINGER II (04-BEN)	6.0	7.0	6.0	6.3
SECRETARIAT II GLSR (LTP-101-GLSR)	6.3	6.0	6.7	6.3
ATTRIBUTE (IS-PR 270)	7.0	5.0	6.7	6.2
BARLENNIUM	6.7	6.3	5.7	6.2
CITATION FORE	6.3	6.7	5.7	6.2
E-99	6.7	6.0	6.0	6.2
PANTHER	6.7	6.3	5.7	6.2

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ORONO, ME 1/
2005 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	AUG	SEP	OCT	MEAN
PIZZAZZ	6.3	5.7	6.7	6.2
PST-217	7.3	5.3	6.0	6.2
VB99	6.3	5.3	7.0	6.2
ASP6005 (AJM)	6.0	6.0	6.3	6.1
BACCARAT (RAD-PR8)	7.3	5.3	5.7	6.1
CHIVALRY (APR 1648)	7.3	5.7	5.3	6.1
CUTTER II (PM 101)	7.7	5.7	5.0	6.1
FOREVER (DP 17-9499)	7.0	5.7	5.7	6.1
GALATTI (DP 17-9502)	7.3	5.3	5.7	6.1
MANHATTAN 5 GLR (PST-2AM)	6.3	6.3	5.7	6.1
PRESIDIO (CNV)	6.7	6.0	5.7	6.1
QUICKSILVER	6.7	6.3	5.3	6.1
REVENGE GLX (JR-348)	6.3	5.7	6.3	6.1
SUNSHINE 2	7.3	5.3	5.7	6.1
ASP6003 (TRS)	6.7	6.0	5.3	6.0
CADDIESHACK II (JR-163)	6.3	5.7	6.0	6.0
DASHER 3 (PICK RB-1)	6.3	5.0	6.7	6.0
DP 17-9788	6.3	6.0	5.7	6.0
FIESTA 4 (PICK F4)	6.3	5.7	6.0	6.0
GRAY FOX (PST-2MNG)	6.7	6.0	5.3	6.0
MMW	6.3	5.7	6.0	6.0
OVERDRIVE	6.3	6.3	5.3	6.0
PINNACLE II	6.3	6.0	5.7	6.0
ASP6006 (LPFG)	5.3	6.0	6.3	5.9
D04-LP05	7.0	5.0	5.7	5.9
DELAWARE XL (PICK 01-2)	6.0	5.3	6.3	5.9
EDGE II (AC2)	6.0	5.7	6.0	5.9
ES45	6.0	5.3	6.3	5.9
HAWKEYE 2 (SRX 4692)	7.3	5.7	4.7	5.9
LINE DRIVE GLS (APR 1797)	6.3	6.0	5.3	5.9
PACESETTER II (PS-2)	7.0	5.3	5.3	5.9
PALMER III	6.7	5.7	5.3	5.9
PENTIUM	6.3	6.3	5.0	5.9
PICK 02-R	6.3	5.3	6.0	5.9
PST-2AG4	6.0	5.7	6.0	5.9
ASP6001 (RTS)	6.3	5.3	5.7	5.8
BAR LP 4420	6.3	5.7	5.3	5.8
BAR LP 4920	6.0	5.7	5.7	5.8
BREA (04-BRE)	6.0	6.0	5.3	5.8
PHENOM (APR 1660)	6.3	5.3	5.7	5.8
TR47	6.0	5.7	5.7	5.8
WIND DANCE 2 (PWDR)	5.7	5.7	6.0	5.8
ASP6004 (EXS54)	6.3	5.3	5.3	5.7
FIREBOLT (PRG HS-01-09)	6.7	4.7	5.7	5.7
INSPIRE	6.0	5.7	5.3	5.7
PLATEAU (PST-2LAN)	6.3	5.3	5.3	5.7
REPELL GLS	7.0	5.0	5.0	5.7

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ORONO, ME 1/
2005 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	AUG	SEP	OCT	MEAN
ACCENT II (JR-119)	5.3	6.3	5.0	5.6
ASP6002 (BPR)	6.3	5.0	5.3	5.6
CALYPSO 3 (MS2)	6.7	5.0	5.0	5.6
HALO (KN42)	6.0	5.0	5.7	5.6
LA QUINTA (JR-255)	6.0	5.0	5.7	5.6
NEXUS XD (SP4)	6.3	5.3	5.0	5.6
WAYFARER (L44)	5.0	6.0	5.7	5.6
MONTEREY 3 (JR-408)	5.7	5.7	5.0	5.4
NEXUS XR (SNR)	6.0	5.3	5.0	5.4
PINNACLE	6.3	5.0	5.0	5.4
PM 102	5.3	5.3	5.7	5.4
SOPRANO (DP1)	5.7	4.7	6.0	5.4
TOP GUN II (JR-324)	6.0	5.3	5.0	5.4
GRAND SLAM 2 (PST-2GSM)	6.3	5.0	4.7	5.3
HEADSTART 2	5.7	5.3	5.0	5.3
LPR 02203	5.0	6.0	5.0	5.3
SILVER DOLLAR	6.3	4.7	5.0	5.3
AFFINITY	6.0	5.3	4.3	5.2
BAR LP 4317	5.7	4.7	5.3	5.2
GOALKEEPER II (JR-114)	7.0	4.3	4.3	5.2
SRX 4682	6.3	4.7	4.7	5.2
PREMIER	5.3	5.3	4.7	5.1
PST-2BLK	4.7	5.7	5.0	5.1
MAJESTY II (VB77)	4.7	4.7	5.7	5.0
LINN	5.3	3.7	4.0	4.3
LSD VALUE	3.8	2.3	1.9	1.6
C.V. (%)	15.4	17.0	16.4	11.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ TURFGRASS QUALITY RATED IN 2005 ONLY.

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
UNO (D04-11T)	6.4	7.1	6.5	6.8	7.1	6.8	6.4	7.3	6.8
PARAGON GLR	6.6	6.6	6.7	6.4	7.0	6.9	6.6	6.9	6.7
PALMER V (RNS)	5.8	6.9	6.6	5.9	6.9	6.6	6.9	7.3	6.6
PIZZAZZ	6.6	6.7	6.7	5.8	6.6	7.1	6.3	7.2	6.6
SOPRANO (DP1)	5.6	6.8	6.7	6.3	7.2	7.1	6.7	6.9	6.6
APPLE GL (AAZ-B104)	5.9	6.8	5.7	5.7	7.2	6.8	6.9	7.4	6.5
CUTTER II (PM 101)	5.9	6.8	6.5	6.8	6.8	6.5	6.5	6.4	6.5
DASHER 3 (PICK RB-1)	5.7	7.0	6.2	6.6	7.0	6.3	6.6	7.3	6.5
DERBY XTREME (IS-PR 268)	5.4	6.7	6.8	6.1	6.9	6.7	6.4	6.9	6.5
EXACTA II GLSR (LTP-611-GLSR)	5.7	6.6	6.4	6.5	6.9	6.9	6.5	7.0	6.5
KEYSTONE 2 (IS-PR 312)	5.9	6.4	6.5	6.8	7.2	6.3	6.4	6.9	6.5
KOKOMO II (IS-PR 235)	6.2	6.8	6.1	5.9	6.5	7.1	6.7	6.9	6.5
PROTEGE GLR	5.4	6.7	6.2	6.2	6.8	7.2	6.5	7.3	6.5
SR 4600 (SRX 4SP)	5.7	6.3	6.7	5.8	6.9	7.1	6.3	7.1	6.5
STELLAR GL (IS-PR 236)	5.7	6.8	6.4	6.3	6.8	6.6	6.5	7.0	6.5
1G SQUARED (APR 1664)	5.5	6.8	6.3	6.7	6.9	6.7	6.3	6.8	6.4
ALLSTAR 3 (IS-PR 274)	5.0	6.9	6.5	5.8	6.9	6.5	6.5	7.0	6.4
DEFENDER (D04-UP)	5.2	6.8	6.1	6.5	6.9	7.1	6.6	6.7	6.4
FIESTA 4 (PICK F4)	5.3	6.5	6.3	6.6	6.8	6.6	6.6	6.7	6.4
PRIMARY (IS-PR 269)	5.4	6.7	6.7	6.3	6.8	6.4	6.4	6.8	6.4
REGAL 5 (IS-PR 271)	5.9	6.3	6.5	6.4	6.8	6.5	6.3	6.8	6.4
REVENGE GLX (JR-348)	5.7	6.8	6.3	6.0	6.8	6.7	6.3	6.8	6.4
AMAZING GS (IS-PR 276)	5.5	6.3	6.5	5.9	6.8	6.5	6.1	6.7	6.3
ATTRIBUTE (IS-PR 270)	5.2	6.2	6.6	6.2	6.9	6.3	6.3	6.7	6.3
HOMERUN (RG3P)	5.7	6.6	6.7	5.9	6.6	6.6	6.0	6.5	6.3
MACH I	5.5	6.8	6.2	6.4	6.8	6.5	6.1	6.8	6.3
NOTABLE (AF)	5.9	6.0	6.5	5.8	6.9	6.6	6.0	6.5	6.3
PALMER GLS (GL-2)	5.7	6.2	6.4	6.0	6.8	6.7	6.3	6.8	6.3
PROTOTYPE (DCM)	5.5	6.3	6.3	6.0	6.8	6.7	6.3	6.7	6.3
ASP6006 (LPFG)	5.0	6.4	6.5	6.6	6.8	6.3	5.8	6.2	6.2
BUENA VISTA	5.4	6.5	6.1	5.8	6.8	6.4	6.1	6.6	6.2
CABO II (IS-PR 233)	5.3	6.8	6.3	5.9	6.7	6.5	6.0	6.7	6.2
EDGE II (AC2)	5.7	6.8	6.3	5.9	6.8	6.6	5.9	5.7	6.2
HARRIER (SRX 4UP3)	5.1	5.9	6.0	6.4	6.8	6.5	6.7	6.4	6.2
MMW	5.0	6.0	6.2	6.3	6.7	6.9	6.1	6.4	6.2
OVERDRIVE	5.9	6.4	6.1	6.4	6.8	6.2	5.5	6.4	6.2
PALACE (IS-PR 273)	4.7	6.1	6.3	5.8	6.8	6.7	6.4	6.5	6.2
PALMER IV	5.1	6.4	5.9	6.3	6.3	6.6	6.4	6.8	6.2
PLEASURE SUPREME (PM 103)	5.6	6.4	6.1	5.8	6.8	6.5	6.3	6.0	6.2
ZOOM (LCK)	5.7	6.2	6.1	5.8	6.6	6.7	6.1	7.0	6.2
ASP6002 (BPR)	5.4	6.7	6.2	6.0	6.6	6.1	6.1	5.9	6.1
ASP6005 (AJM)	5.7	6.8	6.0	5.6	6.7	5.8	6.1	6.0	6.1
CALYPSO 3 (MS2)	5.3	6.5	6.3	5.9	6.6	6.1	5.9	6.2	6.1
DART (APR 1663)	5.7	6.5	5.8	6.3	6.7	6.4	5.7	5.8	6.1
FUSION	5.2	6.1	6.1	6.5	6.5	6.3	5.7	6.6	6.1
PICK 02-R	5.1	6.6	6.5	6.1	6.4	6.3	5.8	5.9	6.1
PLATEAU (PST-2LAN)	5.9	6.5	5.9	6.2	6.5	6.7	5.5	6.1	6.1

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
VB99	5.5	6.3	6.4	6.1	6.9	6.2	5.9	6.1	6.1
WIND DANCE 2 (PWDR)	5.3	6.1	6.1	6.6	6.6	6.5	5.5	6.4	6.1
ASP6003 (TRS)	5.3	6.5	5.9	5.6	6.3	6.1	5.8	6.5	6.0
ASP6004 (EXS54)	4.9	6.5	6.3	6.0	6.6	6.3	5.9	5.9	6.0
BACCARAT (RAD-PR8)	5.7	6.5	6.0	5.9	6.4	6.2	5.3	6.0	6.0
BAR LP 4420	5.1	6.3	6.1	6.3	6.4	6.5	5.9	5.7	6.0
CHIVALRY (APR 1648)	5.5	6.7	6.3	5.8	6.4	6.0	5.7	6.2	6.0
FIJI (GPR)	5.1	6.9	5.9	5.7	6.6	6.3	5.8	6.3	6.0
MANHATTAN 5 GLR (PST-2AM)	5.6	6.0	6.3	6.3	6.6	5.9	5.8	5.7	6.0
PRESIDIO (CNV)	5.8	6.6	5.7	5.7	6.6	6.5	5.7	6.0	6.0
TOP GUN II (JR-324)	5.1	6.6	6.1	6.3	6.7	5.9	5.9	5.9	6.0
BRIGHTSTAR SLT	5.8	6.1	6.3	6.4	6.7	5.5	5.6	5.3	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.4	5.8	5.7	6.4	6.4	6.5	5.3	6.2	5.9
GALATTI (DP 17-9502)	5.1	6.0	6.5	6.0	6.3	6.1	5.4	5.8	5.9
GRAND SLAM 2 (PST-2GSM)	5.3	6.1	6.3	5.8	6.3	5.9	5.4	6.0	5.9
HEADSTART 2	5.5	6.5	6.1	5.3	6.4	6.1	5.8	5.3	5.9
LINE DRIVE GLS (APR 1797)	5.8	6.4	5.7	6.5	6.5	5.7	5.5	5.5	5.9
MAJESTY II (VB77)	4.5	6.0	6.1	6.3	6.7	6.5	5.6	6.0	5.9
PM 102	5.2	6.7	5.9	5.8	6.6	5.8	5.7	5.6	5.9
PST-217	5.7	6.4	5.7	6.0	6.5	6.2	5.5	5.8	5.9
SECRETARIAT II GLSR (LTP-101-GLSR)	5.8	6.5	5.7	5.7	6.4	6.0	5.4	5.8	5.9
ACCENT II (JR-119)	5.3	6.2	6.5	6.3	6.1	5.6	5.1	5.4	5.8
BAR LP 4920	5.4	5.8	6.3	6.3	6.3	5.7	4.9	5.8	5.8
DELAWARE XL (PICK 01-2)	5.3	6.0	5.5	5.3	6.5	6.4	5.5	6.3	5.8
E-99	5.5	5.7	5.8	6.5	6.7	6.2	5.4	5.4	5.8
GOALKEEPER II (JR-114)	5.3	6.1	5.9	6.6	6.8	5.6	5.5	4.8	5.8
GRAY STAR (PST-2LGL)	4.8	6.3	6.0	6.4	6.6	6.1	5.5	5.4	5.8
MONTEREY 3 (JR-408)	5.5	6.4	6.1	6.7	6.8	6.0	5.1	4.8	5.8
NEXUS XD (SP4)	5.0	6.7	5.8	6.0	6.3	5.9	5.6	5.4	5.8
NEXUS XR (SNR)	5.3	6.8	5.9	5.8	6.2	6.1	5.7	5.3	5.8
PANTHER GLS	5.7	6.4	5.7	5.8	6.5	5.9	5.2	5.7	5.8
PINNACLE II	5.1	6.2	5.8	5.9	6.1	6.0	5.8	5.7	5.8
REPELL GLS	5.7	6.4	5.9	5.7	6.3	5.6	5.5	5.6	5.8
SILVER DOLLAR	5.3	6.4	6.3	6.3	6.4	5.5	5.5	5.2	5.8
TR47	5.6	6.6	5.7	5.6	6.5	5.7	5.8	5.5	5.8
TRANSFORMER (D04-1667)	5.5	5.3	6.0	6.4	6.5	6.1	5.6	5.4	5.8
CITATION FORE	6.1	5.8	5.5	6.1	6.4	5.7	5.3	5.4	5.7
D04-LP05	5.3	5.8	5.9	5.7	6.3	6.1	5.3	5.5	5.7
ES45	5.7	6.3	5.9	5.8	6.0	5.6	5.7	5.3	5.7
FIREBOLT (PRG HS-01-09)	4.7	6.0	6.1	6.0	6.3	6.0	5.7	5.3	5.7
QUICKSILVER	4.7	5.9	6.4	6.2	6.6	5.7	5.4	5.4	5.7
RINGER II (04-BEN)	4.9	6.0	5.9	5.9	6.7	5.7	5.1	5.6	5.7
SUNSHINE 2	4.3	6.1	5.8	5.4	6.7	6.3	5.7	5.9	5.7
WAYFARER (L44)	4.5	6.0	5.9	5.6	6.5	6.3	5.7	5.2	5.7
BREA (04-BRE)	4.5	5.4	5.9	5.6	6.2	5.8	5.5	5.8	5.6
FOREVER (DP 17-9499)	4.8	5.8	6.4	5.8	6.0	5.6	5.5	5.5	5.6
GRAY FOX (PST-2MNG)	5.0	6.0	5.9	5.8	6.8	5.4	5.1	5.8	5.6

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2005-09 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
INSPIRE	5.3	5.6	5.7	6.3	6.4	5.7	5.3	5.1	5.6
PACESETTER II (PS-2)	5.1	5.6	5.5	5.8	6.4	5.8	5.7	5.3	5.6
PHENOM (APR 1660)	4.7	6.5	5.1	5.6	6.5	6.0	5.2	5.9	5.6
CADDIESHACK II (JR-163)	5.0	6.3	5.9	6.4	6.2	5.3	5.0	4.4	5.5
DP 17-9788	5.1	6.0	5.2	6.2	6.5	5.7	4.8	5.6	5.5
HALO (KN42)	4.5	6.0	5.5	6.0	6.4	5.9	4.9	5.4	5.5
LS 2300 (APR 1670)	5.2	5.8	5.5	6.2	6.0	5.7	4.9	5.4	5.5
PST-2AG4	4.3	5.8	5.2	5.7	6.0	6.2	5.5	5.8	5.5
ASP6001 (RTS)	4.5	5.7	5.6	5.8	6.3	5.5	5.3	5.0	5.4
BAR LP 4317	5.5	5.1	5.7	5.9	6.4	5.4	4.7	4.8	5.4
BARLENNIUM	5.4	5.8	4.9	5.6	6.4	5.7	4.7	4.8	5.4
PALMER III	5.3	5.4	5.5	6.4	5.8	5.7	5.0	4.8	5.4
PENTIUM	4.8	5.8	5.9	5.9	6.3	5.2	4.6	4.9	5.4
PIANIST (DP 17-9505)	4.5	6.3	5.9	5.5	6.1	5.5	5.0	4.9	5.4
PST-2BLK	5.2	5.7	5.3	5.4	6.2	5.5	5.1	5.3	5.4
LA QUINTA (JR-255)	4.9	5.8	5.1	5.5	6.0	5.5	4.9	5.0	5.3
PREMIER II	5.5	5.7	5.5	5.8	6.0	5.2	4.7	4.9	5.3
PANTHER	5.3	5.3	5.0	5.8	6.2	5.4	4.3	4.9	5.2
HAWKEYE 2 (SRX 4692)	5.1	5.7	4.9	5.2	6.0	4.9	4.9	4.8	5.1
AFFINITY	5.7	4.6	4.9	5.1	5.4	4.4	4.1	4.6	4.8
SRX 4682	4.5	5.0	4.9	5.5	5.5	4.7	4.3	4.4	4.8
LPR 02203	4.1	5.0	4.8	4.8	5.7	4.5	3.9	4.4	4.6
PINNACLE	4.7	4.5	4.6	5.3	5.3	4.2	3.8	4.3	4.5
PREMIER	4.3	4.5	4.3	5.1	5.4	4.6	3.9	4.5	4.5
LINN	3.7	3.3	2.9	2.5	3.6	2.6	2.9	2.8	3.0
LSD VALUE	1.0	0.9	0.8	1.0	0.7	0.7	0.8	1.0	0.4
C.V. (%)	23.2	17.7	18.8	18.1	13.4	17.7	20.7	21.1	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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI */
 2005-09 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	SPRING GREENUP	WEAR TOLERANCE	PERCENT COVER SPRING BEFORE TRAFFIC	PERCENT COVER SPRING AFTER	PERCENT COVER SUMMER TRAFFIC APPLIED	PERCENT COVER FALL	MAY	JUN	QUALITY JUL	RATINGS AUG	NOV	MEAN
BAR LP 4317	6.3	5.7	82.5	51.7	72.5	61.3	4.7	4.0	7.0	7.0	6.7	5.9
EXACTA II GLSR (LTP-611-GLSR)	6.3	6.5	82.2	60.0	75.8	61.7	4.0	4.7	7.0	6.0	7.3	5.8
NOTABLE (AF)	6.0	6.2	79.8	58.3	72.5	62.5	4.0	4.0	7.0	7.0	7.0	5.8
PARAGON GLR	6.0	5.3	80.3	45.0	72.5	52.1	3.7	4.3	6.7	7.0	7.3	5.8
ALLSTAR 3 (IS-PR 274)	6.7	5.7	80.7	55.0	74.2	52.9	4.7	4.0	7.0	6.0	7.0	5.7
PLEASURE SUPREME (PM 103)	6.7	5.5	78.3	58.3	70.8	54.6	4.3	4.0	6.7	6.3	7.3	5.7
STELLAR GL (IS-PR 236)	6.3	5.7	81.7	40.0	75.0	53.3	4.3	3.7	7.0	7.0	6.3	5.7
ACCENT II (JR-119)	6.0	6.7	83.0	61.7	72.5	57.1	4.0	4.0	6.3	7.3	6.3	5.6
MMW	6.3	6.3	83.2	63.3	72.5	60.8	4.0	4.3	6.7	5.7	7.3	5.6
PALMER III	5.3	5.5	84.0	53.3	75.8	62.1	4.7	3.7	7.3	7.0	5.3	5.6
SRX 4682	6.0	6.2	75.8	55.0	68.3	58.3	4.3	3.7	6.7	6.7	6.7	5.6
BAR LP 4420	6.0	6.3	78.7	51.7	70.8	64.2	3.3	4.0	6.7	6.3	7.0	5.5
CHIVALRY (APR 1648)	6.3	5.3	79.7	50.0	69.2	53.8	3.7	4.3	6.7	6.7	6.3	5.5
DASHER 3 (PICK RB-1)	6.3	6.0	82.0	56.7	73.3	61.3	3.7	3.7	7.0	6.7	6.7	5.5
EDGE II (AC2)	6.0	6.2	82.0	55.0	70.0	53.3	3.3	3.7	7.0	7.0	6.3	5.5
FOREVER (DP 17-9499)	6.3	6.0	81.7	50.0	74.2	56.3	3.3	4.3	6.7	6.7	6.7	5.5
HOMERUN (RG3P)	6.0	6.0	78.8	50.0	69.2	55.0	3.7	3.7	7.0	6.3	6.7	5.5
PALMER GLS (GL-2)	6.0	6.2	75.8	53.3	73.3	56.7	4.0	4.3	6.7	6.7	6.0	5.5
PST-217	6.0	6.2	78.2	65.0	70.0	59.6	4.0	4.3	6.7	6.0	6.7	5.5
SILVER DOLLAR	6.3	6.3	83.2	58.3	70.8	62.1	3.3	4.3	6.3	6.7	6.7	5.5
TR47	7.0	6.0	82.0	56.7	70.2	61.7	4.0	4.3	6.3	7.3	5.7	5.5
DEFENDER (DO4-UP)	6.0	6.0	81.2	60.0	70.0	54.6	3.3	3.7	6.3	6.7	7.0	5.4
KEYSTONE 2 (IS-PR 312)	6.0	5.2	82.3	40.0	71.7	47.8	4.3	4.3	6.0	5.3	7.0	5.4
PRESIDIO (CNV)	6.7	5.7	70.3	35.0	73.5	51.3	4.0	3.7	6.0	6.7	6.7	5.4
PROTEGE GLR	6.3	5.2	72.0	25.0	70.8	48.0	3.7	4.0	5.7	6.7	7.0	5.4
PROTOTYPE (DCM)	6.0	5.5	76.8	33.3	67.5	50.8	3.3	3.3	7.0	6.7	6.7	5.4
APPLE GL (AAZ-B104)	6.0	5.8	75.5	46.7	71.7	64.6	3.7	4.3	6.0	6.3	6.0	5.3
ATTRIBUTE (IS-PR 270)	6.7	5.7	74.8	41.7	75.8	46.3	4.0	3.3	6.3	6.0	7.0	5.3
BACCARAT (RAD-PR8)	6.0	6.0	80.5	56.7	63.3	58.8	3.0	4.0	6.7	6.0	6.7	5.3
BAR LP 4920	6.0	6.0	82.0	60.0	70.0	57.1	3.3	3.7	6.3	6.3	6.7	5.3
BARLENNIUM	6.0	6.0	81.7	55.0	75.0	52.1	4.0	3.7	6.7	5.7	6.3	5.3
BRIGHTSTAR SLT	6.0	5.3	76.7	43.7	70.0	48.4	3.7	3.7	5.7	6.7	6.7	5.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	6.0	77.5	46.7	72.5	58.8	4.0	3.7	5.7	7.0	6.3	5.3
DART (APR 1663)	6.0	5.7	76.2	46.7	71.7	57.9	3.0	4.0	6.7	6.3	6.7	5.3
MAJESTY II (VB77)	7.0	5.7	81.7	60.0	67.5	62.9	3.7	4.0	6.7	5.7	6.3	5.3
MANHATTAN 5 GLR (PST-2AM)	6.0	6.0	76.0	53.3	69.2	50.8	4.0	3.7	6.3	6.7	6.0	5.3
NEXUS XR (SNR)	6.7	5.7	81.7	48.3	67.5	54.2	4.0	3.3	6.0	6.3	7.0	5.3
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	4.7	78.2	30.3	67.5	48.4	3.7	4.3	5.3	7.0	6.3	5.3
ZOOM (LCK)	6.3	6.5	78.7	56.7	72.5	51.7	3.7	3.0	7.0	6.7	6.0	5.3
CABO II (IS-PR 233)	6.7	5.3	79.0	43.3	71.7	49.6	3.3	4.0	6.3	6.0	6.3	5.2
GALATTI (DP 17-9502)	6.3	5.5	75.5	46.7	68.3	45.8	3.3	3.7	6.3	6.7	6.0	5.2
GRAY FOX (PST-2MNG)	6.0	5.7	67.5	36.7	70.0	56.3	2.7	3.7	6.0	6.7	7.0	5.2
INSPIRE	6.0	5.0	80.0	40.0	65.8	48.4	3.3	4.0	5.7	6.0	7.0	5.2
PACESETTER II (PS-2)	6.0	6.3	81.7	51.7	70.8	53.8	3.3	3.7	6.7	6.0	6.3	5.2
PALACE (IS-PR 273)	6.0	6.3	75.2	46.7	73.3	55.8	3.7	4.0	6.3	6.3	5.7	5.2
PALMER IV	6.3	6.0	84.3	53.3	62.5	59.6	3.0	3.3	7.0	6.3	6.3	5.2
PM 102	6.7	6.0	73.0	51.7	64.2	55.0	3.3	3.7	6.3	6.3	6.3	5.2

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI */
 2005-09 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	SPRING GREENUP	WEAR TOLERANCE	PERCENT COVER SPRING BEFORE TRAFFIC	PERCENT COVER SPRING AFTER	PERCENT COVER SUMMER TRAFFIC APPLIED	PERCENT COVER FALL	MAY	JUN	QUALITY JUL	RATINGS AUG	NOV	MEAN
1G SQUARED (APR 1664)	6.0	6.2	76.7	58.3	67.5	55.8	3.7	4.0	6.3	6.0	5.7	5.1
HAWKEYE 2 (SRX 4692)	6.0	4.5	73.2	30.0	65.8	44.2	3.3	3.3	5.0	6.7	7.0	5.1
MONTEREY 3 (JR-408)	6.3	5.8	75.5	51.7	66.7	55.0	3.7	4.0	6.0	5.7	6.3	5.1
PANTHER	5.3	6.2	71.2	46.7	70.8	57.1	2.7	3.0	6.7	6.3	6.7	5.1
PIZZAZZ	6.0	6.0	74.8	55.0	65.0	47.9	3.3	4.3	5.3	6.3	6.0	5.1
REPELL GLS	6.0	5.3	68.3	36.7	66.7	44.2	3.0	3.7	6.0	5.7	7.0	5.1
RINGER II (04-BEN)	6.3	5.2	76.0	36.7	70.0	51.5	3.7	3.0	6.0	6.7	6.0	5.1
SOPRANO (DP1)	6.0	4.8	75.0	40.0	63.3	46.8	4.0	3.7	6.0	6.0	6.0	5.1
TRANSFORMER (D04-1667)	6.0	5.8	79.2	40.0	68.3	50.4	3.0	3.0	5.7	7.0	6.7	5.1
ASP6002 (BPR)	7.0	6.0	78.8	58.3	58.3	58.3	3.3	4.3	5.3	5.3	6.7	5.0
ASP6003 (TRS)	6.7	6.0	80.2	51.7	65.8	51.3	3.3	3.3	6.0	6.0	6.3	5.0
ASP6004 (EXS54)	7.0	6.5	80.0	50.0	69.2	57.1	3.7	3.7	5.3	6.0	6.3	5.0
ASP6006 (LPFG)	7.0	5.8	80.0	55.0	70.8	55.0	3.3	3.3	6.7	6.0	5.7	5.0
E-99	6.0	5.0	78.3	48.3	65.8	48.3	3.3	3.0	5.7	6.7	6.3	5.0
ES45	7.0	5.3	72.5	56.7	66.7	51.7	3.7	3.7	6.3	6.0	5.3	5.0
GRAY STAR (PST-2LGL)	6.0	6.3	81.7	51.7	70.8	55.4	3.3	3.7	6.0	6.0	6.0	5.0
OVERDRIVE	6.0	5.7	72.5	58.3	63.3	55.4	4.3	3.7	6.0	5.7	5.3	5.0
PREMIER II	6.0	5.5	78.7	58.3	70.2	54.2	3.3	3.7	6.3	6.0	5.7	5.0
VB99	6.3	6.2	83.2	53.3	70.0	48.8	4.0	3.3	5.7	6.3	5.7	5.0
CADDIESHACK II (JR-163)	6.3	5.7	79.7	40.0	65.8	55.4	3.3	4.0	5.0	5.7	6.7	4.9
CITATION FORE	6.0	5.8	75.5	53.3	68.3	48.3	3.0	3.7	6.0	5.7	6.3	4.9
D04-LP05	6.3	6.0	76.7	55.0	70.0	47.5	3.7	3.0	5.7	5.3	7.0	4.9
DELAWARE XL (PICK 01-2)	6.7	5.2	74.2	53.3	63.3	47.6	3.7	3.7	5.7	5.7	5.7	4.9
DP 17-9788	6.3	5.7	75.0	53.3	69.2	52.9	3.0	3.0	6.7	5.7	6.3	4.9
FIJI (GPR)	6.7	4.8	74.5	36.7	65.8	54.7	3.0	3.7	5.7	5.3	7.0	4.9
LINE DRIVE GLS (APR 1797)	6.0	6.0	83.2	61.7	64.2	50.0	3.7	3.3	6.3	7.0	4.0	4.9
PENTIUM	6.0	5.7	73.3	43.3	62.5	50.8	2.7	3.3	6.3	5.7	6.7	4.9
DERBY XTREME (IS-PR 268)	6.0	5.7	80.3	55.0	60.8	44.2	3.7	3.7	5.3	5.7	5.7	4.8
FUSION	6.0	5.5	77.5	48.3	66.7	45.3	3.0	3.0	6.0	6.0	6.0	4.8
MACH I	6.0	5.2	73.3	45.0	58.5	44.7	3.7	3.7	5.7	5.3	5.7	4.8
PALMER V (RNS)	6.0	5.5	74.7	46.7	66.8	45.7	3.0	3.3	6.0	6.7	5.0	4.8
PIANIST (DP 17-9505)	6.3	5.2	74.2	43.3	67.5	54.2	2.7	3.3	6.0	6.0	6.0	4.8
PINNACLE II	6.0	5.5	74.8	40.0	65.0	44.6	2.7	3.3	5.7	6.7	5.7	4.8
QUICKSILVER	6.3	5.8	80.0	50.0	65.0	48.8	3.3	3.7	6.0	5.3	5.7	4.8
ASP6005 (AJM)	6.7	6.2	77.5	60.0	69.2	56.3	3.7	2.7	5.0	5.7	6.7	4.7
BUENA VISTA	6.0	5.8	73.8	43.3	65.8	44.6	3.3	3.3	5.3	5.7	5.7	4.7
HALO (KN42)	7.0	5.7	76.3	50.0	65.8	45.8	3.0	3.7	5.0	5.3	6.3	4.7
LS 2300 (APR 1670)	5.3	5.8	77.8	61.7	60.8	57.1	3.0	3.0	6.3	5.7	5.7	4.7
NEXUS XD (SP4)	7.0	5.5	80.0	40.0	57.5	48.3	3.0	3.0	5.7	6.0	6.0	4.7
PANTHER GLS	6.0	5.3	73.7	36.7	68.3	46.1	2.7	3.7	5.3	6.7	5.0	4.7
PRIMARY (IS-PR 269)	6.0	5.7	73.2	56.7	61.7	45.9	3.7	3.0	5.7	5.3	5.7	4.7
PST-2AG4	6.0	5.5	67.8	50.0	57.5	47.5	3.3	3.3	5.7	5.7	5.3	4.7
REGAL 5 (IS-PR 271)	6.7	5.5	71.5	50.0	65.0	45.4	3.3	3.7	5.0	5.7	6.0	4.7
REVENGE GLX (JR-348)	6.0	5.5	71.7	58.3	53.3	42.6	3.0	3.3	5.7	5.7	5.7	4.7
WIND DANCE 2 (PWDR)	6.7	4.8	80.0	40.0	59.2	44.8	3.7	3.3	5.7	5.7	5.3	4.7
CALYPSO 3 (MS2)	6.7	5.8	80.0	53.3	60.8	53.3	2.3	3.7	6.3	5.3	5.3	4.6
CUTTER II (PM 101)	6.3	5.2	75.5	51.7	66.7	50.4	3.3	3.0	4.7	6.0	6.0	4.6

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/

GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI */
2005-09 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	SPRING GREENUP	WEAR TOLERANCE	PERCENT COVER SPRING BEFORE TRAFFIC	PERCENT COVER SPRING AFTER	PERCENT COVER SUMMER TRAFFIC APPLIED	PERCENT COVER FALL	MAY	JUN	QUALITY JUL	RATINGS AUG	NOV	MEAN
FIREBOLT (PRG HS-01-09)	7.0	5.0	70.3	46.7	55.8	37.9	3.0	2.7	6.3	4.7	6.3	4.6
LA QUINTA (JR-255)	6.3	4.8	75.3	43.3	60.0	44.8	3.3	3.7	5.0	5.3	5.7	4.6
PHENOM (APR 1660)	6.0	5.5	74.5	55.0	59.2	48.6	3.0	3.0	6.0	5.3	5.7	4.6
TOP GUN II (JR-324)	6.7	5.7	72.3	60.0	55.8	50.9	3.7	3.0	6.0	5.7	4.7	4.6
AMAZING GS (IS-PR 276)	6.0	5.3	76.7	46.7	60.0	39.8	3.0	3.0	5.7	6.0	4.7	4.5
HEADSTART 2	6.7	4.8	75.5	30.0	56.7	43.6	3.0	3.3	4.3	6.3	5.7	4.5
LPR 02203	6.0	5.0	67.0	33.3	66.7	41.2	3.0	3.0	5.0	6.0	5.3	4.5
PLATEAU (PST-2LAN)	6.0	5.8	64.7	63.3	63.3	44.2	3.3	3.0	5.0	6.3	5.0	4.5
ASP6001 (RTS)	7.0	5.0	73.8	43.3	61.7	43.0	3.0	3.7	5.0	5.3	5.0	4.4
GOALKEEPER II (JR-114)	6.0	5.8	76.7	48.3	60.8	45.9	3.0	3.3	5.7	5.0	5.0	4.4
PINNACLE	4.0	5.8	73.3	53.3	59.2	45.4	3.0	2.3	5.3	6.0	5.3	4.4
UNO (D04-11T)	6.7	4.7	68.7	27.0	60.0	44.3	3.0	2.7	5.0	5.7	5.7	4.4
WAYFARER (L44)	6.7	4.8	82.5	50.0	58.3	48.0	3.0	3.0	5.7	5.3	5.0	4.4
AFFINITY	5.3	5.2	72.5	53.3	60.0	40.3	2.7	3.0	5.3	5.3	5.0	4.3
FIESTA 4 (PICK F4)	6.3	5.3	71.8	60.0	56.7	49.6	3.0	2.3	5.3	5.7	5.0	4.3
SR 4600 (SRX 4SP)	6.0	5.5	69.8	43.3	58.3	35.3	3.0	2.3	6.0	5.3	5.0	4.3
GRAND SLAM 2 (PST-2GSM)	6.0	5.7	69.8	60.0	68.3	47.8	3.3	3.3	4.7	5.0	4.7	4.2
PREMIER	4.0	5.0	71.2	50.0	58.3	43.3	2.3	3.0	4.7	4.7	6.3	4.2
PST-2BLK	6.0	5.5	72.0	46.7	54.2	41.9	2.3	3.3	5.3	4.3	5.7	4.2
KOKOMO II (IS-PR 235)	6.0	5.0	67.3	33.7	54.2	42.4	2.7	3.0	4.0	4.3	6.7	4.1
BREA (04-BRE)	6.0	4.5	62.0	46.7	55.8	39.6	3.0	2.0	4.7	5.7	4.7	4.0
HARRIER (SRX 4UP3)	6.0	4.8	67.8	45.0	58.3	44.6	3.0	2.3	5.7	4.7	4.3	4.0
PICK 02-R	7.0	5.0	68.3	40.0	54.2	43.3	2.7	2.7	4.7	5.3	4.3	3.9
SUNSHINE 2	7.0	4.8	64.5	36.7	55.0	37.1	3.3	2.7	4.0	4.3	5.0	3.9
LINN	4.0	4.8	75.0	20.3	40.8	33.0	1.3	1.7	3.0	3.0	4.0	2.6
LSD VALUE	0.6	6.8	176.2	32.3	26.2	31.2	3.1	2.7	4.4	4.4	2.3	1.9
C.V. (%)	6.5	24.9	31.8	26.2	19.7	39.9	25.2	24.1	20.5	19.2	16.8	14.6

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

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

3/ TURFGRASS QUALITY RATED IN 2005-08.

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

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
EXACTA II GLSR (LTP-611-GLSR)	5.0	4.3	5.3	5.2	6.7	6.8	6.7	5.4
CHIVALRY (APR 1648)	4.0	4.5	6.0	5.0	5.8	5.8	5.4	5.2
HOMERUN (RG3P)	4.7	4.7	5.7	4.9	6.0	6.1	6.0	5.2
ZOOM (LCK)	5.0	4.7	5.9	4.8	5.7	5.9	6.0	5.2
ALLSTAR 3 (IS-PR 274)	4.7	4.1	5.3	5.1	6.0	6.3	6.0	5.1
AMAZING GS (IS-PR 276)	5.0	4.7	5.2	4.7	6.0	6.3	6.3	5.1
PALMER V (RNS)	5.3	4.3	5.4	4.9	6.2	5.9	5.9	5.1
PRESIDIO (CNV)	4.0	4.5	6.1	4.5	5.8	5.8	5.3	5.1
BAR LP 4920	5.7	4.8	5.5	4.5	5.6	5.3	4.9	5.0
ES45	6.3	4.9	5.8	4.2	5.2	5.7	5.4	5.0
MMW	4.7	3.9	5.1	5.4	6.3	6.1	5.8	5.0
PIZZAZZ	4.7	4.9	5.7	4.3	5.3	5.7	5.9	5.0
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	4.7	5.3	4.9	5.3	5.4	5.4	5.0
CUTTER II (PM 101)	5.0	4.3	5.3	4.5	5.8	5.7	5.7	4.9
PANTHER GLS	5.3	3.9	5.4	5.3	5.4	5.3	5.1	4.9
REVENGE GLX (JR-348)	5.0	4.8	4.9	4.1	5.5	5.5	5.8	4.9
SOPRANO (DP1)	5.0	4.3	5.0	4.7	5.9	6.0	6.2	4.9
DASHER 3 (PICK RB-1)	4.3	4.0	4.7	4.8	6.0	5.9	5.9	4.8
KEYSTONE 2 (IS-PR 312)	4.7	4.3	4.9	5.1	6.0	5.4	5.6	4.8
PROTEGE GLR	5.0	4.4	4.9	4.5	5.5	5.6	6.1	4.8
TR47	4.3	5.2	5.8	3.8	5.4	5.0	5.1	4.8
VB99	3.7	4.9	5.3	4.3	5.3	5.3	5.0	4.8
WIND DANCE 2 (PWDR)	4.7	4.7	5.4	4.2	5.7	5.4	5.0	4.8
1G SQUARED (APR 1664)	4.3	4.3	4.9	4.8	5.5	5.6	5.1	4.7
APPLE GL (AAZ-B104)	4.3	4.1	4.9	4.3	5.7	5.6	5.8	4.7
ASP6003 (TRS)	4.7	4.3	5.7	4.3	5.3	4.9	5.1	4.7
ASP6006 (LPFG)	4.3	4.3	5.4	4.1	5.3	5.5	5.0	4.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.3	4.6	4.6	4.3	5.4	5.6	5.3	4.7
DELAWARE XL (PICK 01-2)	4.0	4.5	5.5	3.9	5.3	6.1	4.9	4.7
MACH I	5.3	4.5	5.5	4.2	5.2	5.4	5.2	4.7
MAJESTY II (VB77)	4.0	4.5	5.4	4.3	4.9	5.1	4.9	4.7
NEXUS XR (SNR)	4.3	4.5	5.3	4.1	5.3	5.7	5.4	4.7
REGAL 5 (IS-PR 271)	4.0	4.4	5.3	4.3	5.4	5.5	5.6	4.7
SR 4600 (SRX 4SP)	4.3	4.3	4.6	4.2	5.5	5.9	5.8	4.7
STELLAR GL (IS-PR 236)	4.3	4.3	4.6	4.1	6.2	5.8	6.1	4.7
CALYPSO 3 (MS2)	4.7	4.1	5.1	4.4	5.5	5.5	5.0	4.6
CITATION FORE	5.7	4.7	4.9	4.0	5.0	4.9	5.0	4.6
DERBY XTREME (IS-PR 268)	3.0	3.6	4.5	4.5	5.7	5.8	6.1	4.6
EDGE II (AC2)	5.0	4.3	4.9	4.3	5.2	5.8	5.7	4.6
GOALKEEPER II (JR-114)	5.3	5.0	5.2	4.2	4.7	4.7	4.1	4.6
HALO (KN42)	5.0	4.5	5.5	3.9	4.8	5.4	4.8	4.6
HEADSTART 2	4.3	4.4	5.4	3.7	5.4	5.3	4.7	4.6
MANHATTAN 5 GLR (PST-2AM)	5.3	4.0	4.6	4.7	5.7	5.4	5.1	4.6
PALMER GLS (GL-2)	5.0	4.0	4.8	4.2	5.6	5.5	5.7	4.6
PICK 02-R	3.0	4.4	5.5	3.9	4.8	5.5	5.3	4.6
PST-2AG4	4.3	4.4	4.7	4.3	4.9	5.4	5.4	4.6
TOP GUN II (JR-324)	5.0	4.7	5.2	4.1	4.9	5.1	5.0	4.6

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ACCENT II (JR-119)	5.3	4.5	5.3	4.3	4.7	4.5	4.4	4.5
ASP6002 (BPR)	4.7	4.4	5.2	3.9	5.3	5.2	5.1	4.5
ASP6004 (EXS54)	4.0	4.1	4.9	3.9	5.2	5.5	5.0	4.5
BACCARAT (RAD-PR8)	4.3	4.3	4.9	4.2	5.1	4.8	4.8	4.5
OVERDRIVE	5.7	4.3	4.9	4.3	4.8	5.1	4.7	4.5
PLATEAU (PST-2LAN)	5.0	4.3	4.9	4.7	4.8	4.9	4.8	4.5
PRIMARY (IS-PR 269)	4.3	3.9	4.5	4.1	5.3	5.6	5.4	4.5
PST-217	6.0	4.2	4.8	4.4	5.2	5.1	4.6	4.5
SILVER DOLLAR	6.0	4.5	4.6	4.1	4.8	5.1	5.0	4.5
BAR LP 4317	4.7	4.3	4.5	4.5	5.0	4.7	4.6	4.4
BAR LP 4420	5.7	4.3	4.8	3.9	4.8	5.3	5.1	4.4
BARLENNIUM	4.7	4.5	5.0	3.8	4.4	4.6	4.6	4.4
BRIGHTSTAR SLT	5.3	4.2	4.9	4.2	4.8	4.7	4.7	4.4
BUENA VISTA	4.3	3.7	4.5	4.0	5.1	5.4	5.2	4.4
CABO II (IS-PR 233)	3.3	4.0	4.9	4.0	4.8	5.2	4.6	4.4
GALATTI (DP 17-9502)	5.0	3.9	5.0	4.6	5.3	4.8	4.8	4.4
GRAY FOX (PST-2MNG)	3.7	4.4	4.6	4.0	4.9	4.8	4.8	4.4
HARRIER (SRX 4UP3)	3.7	3.7	4.5	4.1	5.3	4.9	5.4	4.4
NEXUS XD (SP4)	4.7	4.1	5.0	3.9	5.0	5.4	4.8	4.4
NOTABLE (AF)	3.0	4.2	4.5	4.1	4.9	5.3	5.2	4.4
PROTOTYPE (DCM)	5.0	4.2	4.6	4.0	5.0	5.2	5.0	4.4
TRANSFORMER (D04-1667)	3.7	4.1	4.8	3.9	5.1	4.9	5.3	4.4
UNO (D04-11T)	4.7	4.1	4.9	4.3	4.9	5.3	5.7	4.4
ATTRIBUTE (IS-PR 270)	3.7	3.5	4.3	4.3	5.0	5.4	5.3	4.3
BREA (04-BRE)	4.7	3.9	5.1	3.7	5.0	4.8	4.7	4.3
CADDIESHACK II (JR-163)	4.3	4.6	5.3	3.7	4.0	4.4	4.1	4.3
DART (APR 1663)	4.0	4.5	4.7	3.5	4.8	4.7	4.7	4.3
DP 17-9788	5.0	4.5	5.1	3.6	4.6	4.3	4.2	4.3
FIJI (GPR)	4.0	3.8	4.9	3.9	4.8	5.2	5.1	4.3
FUSION	4.3	3.9	4.6	3.9	5.2	5.3	4.8	4.3
KOKOMO II (IS-PR 235)	4.7	4.1	4.4	3.7	5.0	5.6	5.4	4.3
PALACE (IS-PR 273)	3.7	3.7	4.4	4.0	5.3	5.2	5.4	4.3
PARAGON GLR	4.0	4.1	4.9	3.7	4.8	4.9	5.4	4.3
REPELL GLS	4.3	4.1	4.7	3.9	4.6	4.5	5.0	4.3
SUNSHINE 2	3.7	4.2	5.1	3.7	4.8	5.5	4.4	4.3
WAYFARER (L44)	3.7	4.1	4.9	4.1	4.7	4.9	4.6	4.3
FIESTA 4 (PICK F4)	3.7	3.4	4.5	3.9	5.3	5.2	5.7	4.2
FIREBOLT (PRG HS-01-09)	4.3	4.1	4.7	3.6	4.8	5.0	4.7	4.2
GRAND SLAM 2 (PST-2GSM)	4.7	3.8	4.6	4.0	4.8	4.8	4.9	4.2
GRAY STAR (PST-2LGL)	4.7	3.9	4.9	3.9	4.6	4.7	4.6	4.2
HAWKEYE 2 (SRX 4692)	4.3	4.7	4.5	3.1	4.8	4.3	4.2	4.2
INSPIRE	4.7	4.5	4.4	3.9	4.6	4.6	4.6	4.2
LA QUINTA (JR-255)	4.7	4.3	4.7	3.7	4.8	4.7	4.8	4.2
PACESETTER II (PS-2)	4.0	4.1	4.8	3.5	4.6	5.0	4.7	4.2
PENTIUM	4.7	4.1	4.7	3.4	4.6	4.6	4.6	4.2
PLEASURE SUPREME (PM 103)	4.7	3.7	4.7	3.7	4.9	5.3	4.9	4.2
PREMIER II	5.3	4.3	4.5	3.9	4.7	4.5	4.7	4.2

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PST-2BLK	5.3	4.5	4.7	3.6	4.3	4.8	4.7	4.2
RINGER II (04-BEN)	4.0	4.0	4.7	4.1	4.5	4.7	5.0	4.2
FOREVER (DP 17-9499)	5.0	3.8	4.7	3.7	5.3	4.8	4.7	4.1
LINE DRIVE GLS (APR 1797)	5.3	3.7	4.2	3.8	4.6	4.6	5.0	4.1
PALMER III	4.0	4.3	4.3	3.7	4.3	4.3	4.2	4.1
PINNACLE II	5.0	3.8	4.4	3.8	4.8	4.8	4.9	4.1
QUICKSILVER	4.3	3.9	4.2	4.1	4.7	5.0	4.8	4.1
SRX 4682	5.7	4.6	4.7	3.3	4.1	4.3	4.1	4.1
ASP6001 (RTS)	4.3	3.7	4.5	3.5	4.7	4.8	4.2	4.0
ASP6005 (AJM)	4.3	3.9	4.1	3.8	4.8	4.9	4.6	4.0
D04-LP05	4.0	3.9	4.1	3.8	4.8	4.6	5.0	4.0
DEFENDER (D04-UP)	4.0	3.6	4.1	3.6	4.7	4.8	5.2	4.0
PM 102	4.0	3.7	4.5	3.5	4.5	4.8	4.7	4.0
E-99	4.7	3.8	4.1	3.5	4.3	4.2	4.6	3.9
PALMER IV	2.7	3.7	4.2	3.6	4.1	5.0	4.7	3.9
PANTHER	4.3	4.0	4.5	3.7	3.7	3.8	4.3	3.9
PIANIST (DP 17-9505)	4.7	3.9	4.5	3.3	4.8	4.1	4.1	3.9
MONTEREY 3 (JR-408)	3.7	4.3	4.8	3.1	4.1	4.1	3.2	3.8
PHENOM (APR 1660)	4.0	3.7	4.2	3.3	4.2	4.7	4.2	3.8
LPR 02203	4.7	3.6	4.0	3.5	3.8	3.5	3.4	3.6
LS 2300 (APR 1670)	3.7	3.6	3.8	3.1	4.0	4.2	4.2	3.6
PREMIER	3.0	3.9	3.3	2.8	3.1	2.6	2.9	3.3
AFFINITY	3.3	3.4	3.5	3.1	3.2	2.8	3.2	3.2
PINNACLE	3.0	3.2	2.8	2.6	2.9	2.4	2.8	2.8
LINN	1.0	1.1	1.1	1.3	1.0	1.0	1.0	1.1
LSD VALUE	2.0	1.4	1.0	1.3	0.7	0.7	0.7	0.9
C.V. (%)	21.7	33.4	26.7	37.6	19.0	17.6	17.2	26.2

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 12. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
FIREBOLT (PRG HS-01-09)	5.2	6.9	7.5	6.3	6.0	6.4	6.5	7.0	7.0	6.0	6.6
HOMERUN (RG3P)	4.9	7.1	7.3	6.3	6.0	6.3	6.7	7.1	7.1	6.7	6.6
CHIVALRY (APR 1648)	5.1	6.5	7.3	6.1	5.9	6.3	6.7	7.1	7.0	6.3	6.5
FIJI (GPR)	5.4	6.5	7.1	6.1	5.7	6.5	6.7	7.6	7.1	5.3	6.5
NOTABLE (AF)	4.6	6.5	6.9	5.9	5.7	6.7	6.9	7.5	7.3	6.3	6.5
PALMER V (RNS)	4.6	6.3	7.1	6.7	5.9	6.3	6.7	7.4	7.2	6.7	6.5
SILVER DOLLAR	5.0	6.6	7.3	6.3	6.1	6.4	6.5	7.0	7.1	6.0	6.5
EDGE II (AC2)	4.7	6.4	7.2	6.1	6.0	6.4	6.5	7.1	6.9	6.3	6.4
EXACTA II GLSR (LTP-611-GLSR)	4.7	6.3	6.9	5.7	5.6	6.2	6.9	7.7	7.3	6.3	6.4
LINE DRIVE GLS (APR 1797)	4.9	6.5	7.1	6.1	5.9	6.3	6.7	7.1	6.8	6.3	6.4
PANTHER GLS	4.4	6.1	7.0	6.3	6.0	6.4	6.7	7.3	7.0	6.7	6.4
PENTIUM	5.2	6.4	6.7	6.1	5.9	6.3	6.7	7.3	6.8	6.7	6.4
TRANSFORMER (D04-1667)	5.2	6.9	6.9	6.1	5.8	6.5	6.5	7.1	6.9	5.7	6.4
UNO (D04-11T)	4.2	6.7	7.2	6.1	6.1	6.3	6.5	7.3	6.9	6.3	6.4
WIND DANCE 2 (PWDR)	5.1	6.8	7.5	6.1	5.5	5.9	6.5	7.3	6.9	5.5	6.4
ALLSTAR 3 (IS-PR 274)	4.4	6.3	7.1	6.0	5.8	6.1	6.6	7.2	7.0	7.3	6.3
APPLE GL (AAZ-B104)	4.3	6.4	6.8	5.9	5.8	6.1	6.5	7.0	6.8	6.7	6.3
KEYSTONE 2 (IS-PR 312)	4.3	6.1	6.8	5.9	5.9	6.5	6.8	6.9	7.0	6.0	6.3
MONTEREY 3 (JR-408)	4.4	5.8	7.1	6.2	6.1	6.5	6.7	6.7	6.7	6.5	6.3
PALMER GLS (GL-2)	4.7	6.7	6.7	6.1	5.6	6.2	6.6	6.7	6.8	6.3	6.3
PALMER IV	4.6	6.6	7.1	5.9	5.8	6.2	6.3	7.1	6.8	6.7	6.3
PROTOTYPE (DCM)	4.8	6.1	7.1	6.1	6.0	6.2	6.1	7.2	6.8	7.3	6.3
SR 4600 (SRX 4SP)	5.1	6.9	6.6	5.5	5.2	5.8	6.7	7.4	7.1	6.0	6.3
STELLAR GL (IS-PR 236)	4.6	6.6	7.1	5.7	5.7	5.7	6.5	7.2	7.0	6.7	6.3
ACCENT II (JR-119)	4.8	6.1	6.8	6.0	6.1	6.0	6.3	7.0	6.8	5.3	6.2
CUTTER II (PM 101)	4.8	6.7	6.9	6.0	5.8	6.0	6.2	6.9	6.6	5.7	6.2
DASHER 3 (PICK RB-1)	5.0	6.3	6.7	5.8	5.3	5.6	6.4	7.6	7.0	6.0	6.2
ES45	5.1	6.5	7.3	5.5	5.2	5.8	6.1	7.1	6.8	6.0	6.2
MMW	4.9	6.1	6.7	5.6	5.6	5.6	6.6	7.3	7.0	5.5	6.2
NEXUS XR (SNR)	4.9	6.5	7.6	5.7	5.0	5.9	6.3	6.9	6.7	5.3	6.2
OVERDRIVE	4.7	6.2	7.1	6.1	5.7	5.9	6.1	6.9	6.8	6.3	6.2
PRESIDIO (CNV)	4.4	6.3	7.0	5.9	5.4	5.8	6.3	7.1	6.9	6.0	6.2
PST-2AG4	4.7	6.1	6.7	5.9	5.7	5.8	6.5	6.9	7.0	6.3	6.2
VB99	5.3	6.3	7.5	5.8	5.2	5.7	6.4	6.9	6.6	5.0	6.2
ZOOM (LCK)	4.6	6.3	7.1	6.0	5.8	6.1	6.2	7.0	6.8	5.7	6.2
AMAZING GS (IS-PR 276)	4.8	6.2	6.6	5.7	5.4	6.0	6.1	7.0	6.8	5.7	6.1
BREA (04-BRE)	4.9	6.7	7.0	5.9	5.1	5.9	6.3	6.9	6.6	5.3	6.1
CITATION FORE	4.8	6.1	6.6	5.6	5.6	5.9	6.2	6.9	6.8	6.5	6.1
DELAWARE XL (PICK 01-2)	4.7	6.5	7.0	5.6	4.9	5.5	6.2	7.2	6.7	5.7	6.1
DERBY XTREME (IS-PR 268)	4.6	5.9	6.7	5.5	5.3	6.0	6.7	7.3	6.9	5.5	6.1
FUSION	5.1	5.8	6.3	5.7	5.8	6.2	6.3	6.6	6.9	5.3	6.1
MAJESTY II (VB77)	4.7	6.4	7.0	5.9	5.4	5.9	6.1	7.1	6.9	6.0	6.1
MANHATTAN 5 GLR (PST-2AM)	4.1	5.5	6.5	5.9	6.0	6.1	6.7	6.6	7.0	6.0	6.1
PALACE (IS-PR 273)	4.6	6.0	6.7	5.9	5.7	5.6	6.3	6.8	6.8	5.7	6.1
REGAL 5 (IS-PR 271)	4.3	6.2	6.9	6.1	5.3	5.7	6.3	7.0	6.8	6.0	6.1
REVENGE GLX (JR-348)	4.7	6.0	6.5	5.7	5.8	6.2	6.1	7.1	6.9	6.0	6.1
ASP6001 (RTS)	4.2	6.1	6.9	5.5	5.5	6.0	5.9	6.6	6.8	5.0	6.0

TABLE 12. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ASP6002 (BPR)	4.4	6.2	7.0	5.9	5.4	5.8	5.9	6.8	6.2	7.0	6.0
ASP6003 (TRS)	5.2	6.2	6.8	5.7	4.9	5.5	5.9	7.1	6.8	5.3	6.0
BACCARAT (RAD-PR8)	4.3	5.9	6.6	5.8	5.6	5.9	6.1	6.8	6.7	6.0	6.0
BAR LP 4317	4.4	5.9	6.5	5.8	5.5	6.0	6.4	6.9	6.7	5.7	6.0
BARLENNIUM	4.7	6.0	6.4	5.6	5.5	6.0	6.3	6.8	6.9	6.0	6.0
BRIGHTSTAR SLT	4.6	6.2	6.4	5.7	5.8	5.7	6.1	6.5	6.8	5.0	6.0
BUENA VISTA	4.7	6.2	6.6	5.7	5.1	5.7	6.1	7.0	6.6	5.7	6.0
CADDIESHACK II (JR-163)	4.4	5.8	6.9	6.0	5.5	5.9	6.1	6.7	6.9	5.3	6.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.7	5.9	6.3	5.5	5.7	6.1	6.4	6.7	6.8	5.3	6.0
DART (APR 1663)	4.8	6.3	6.7	5.8	5.7	5.9	6.0	6.5	6.6	6.0	6.0
GOALKEEPER II (JR-114)	4.8	6.0	6.3	5.7	5.8	6.1	5.9	6.5	6.6	6.0	6.0
GRAND SLAM 2 (PST-2GSM)	4.8	6.1	6.4	5.7	5.7	5.7	6.1	6.9	6.7	6.7	6.0
GRAY FOX (PST-2MNG)	5.2	6.2	6.7	5.5	5.4	5.7	6.1	6.7	6.7	5.0	6.0
HALO (KN42)	4.9	6.7	6.9	5.6	5.0	5.5	6.1	6.9	6.7	5.7	6.0
HAWKEYE 2 (SRX 4692)	4.9	6.7	6.7	5.5	5.5	5.9	6.1	6.6	6.7	5.0	6.0
KOKOMO II (IS-PR 235)	4.3	5.9	6.6	5.9	5.6	6.0	5.9	6.8	6.6	5.3	6.0
PACESETTER II (PS-2)	4.6	5.8	6.5	5.8	5.7	5.7	6.3	6.6	6.6	6.3	6.0
PHENOM (APR 1660)	4.6	5.9	6.3	5.9	5.7	5.9	5.9	6.9	6.9	6.3	6.0
PM 102	5.2	6.4	6.9	5.7	5.2	5.6	5.9	7.0	6.3	5.7	6.0
PREMIER II	4.8	6.3	6.1	5.5	5.7	5.7	6.0	6.8	6.9	5.3	6.0
PROTEGE GLR	4.7	6.6	6.4	5.5	4.7	5.6	6.5	7.3	6.9	5.0	6.0
PST-2BLK	4.7	6.3	6.5	5.6	5.1	6.0	6.3	6.7	6.9	5.5	6.0
REPELL GLS	5.3	6.7	6.5	5.1	5.0	5.6	6.3	7.1	6.8	6.3	6.0
SOPRANO (DP1)	4.3	6.2	6.5	5.5	5.3	5.7	6.1	7.1	6.8	5.0	6.0
WAYFARER (L44)	4.9	6.7	7.1	5.3	4.6	5.2	6.1	7.1	6.7	5.0	6.0
ASP6004 (EXS54)	4.9	6.6	6.7	5.5	5.1	5.0	6.1	6.7	6.6	6.0	5.9
ASP6006 (LPFG)	5.0	6.7	7.1	5.3	4.4	5.3	5.7	7.1	6.6	5.0	5.9
ATTRIBUTE (IS-PR 270)	4.2	5.3	6.2	5.5	5.3	5.6	6.4	7.1	7.0	5.3	5.9
FIESTA 4 (PICK F4)	4.7	6.5	6.5	5.3	4.4	5.4	6.2	7.1	6.8	5.3	5.9
GALATTI (DP 17-9502)	5.4	5.9	6.7	5.6	5.3	5.5	5.9	6.7	6.6	5.3	5.9
HARRIER (SRX 4UP3)	4.7	6.2	6.3	5.3	5.1	5.9	6.4	6.8	6.6	5.7	5.9
LS 2300 (APR 1670)	4.3	6.1	6.1	5.4	5.5	6.0	6.2	6.7	6.8	5.7	5.9
NEXUS XD (SP4)	4.3	6.1	7.1	5.7	5.2	5.3	5.8	6.7	6.3	5.0	5.9
PARAGON GLR	4.2	6.0	6.9	5.6	5.5	5.7	5.7	6.7	6.2	6.0	5.9
PIZZAZZ	4.7	6.4	6.6	5.7	5.3	5.4	5.6	6.5	6.6	6.0	5.9
PLATEAU (PST-2LAN)	4.4	5.7	6.1	5.4	5.7	5.8	6.2	6.7	6.7	5.7	5.9
PRIMARY (IS-PR 269)	4.1	5.9	6.4	5.7	5.3	5.7	5.9	6.9	6.8	6.7	5.9
PST-217	4.6	5.8	6.5	5.5	5.3	5.9	6.3	6.8	6.8	5.3	5.9
QUICKSILVER	4.3	6.3	6.7	5.3	5.1	5.5	6.2	6.7	6.6	5.0	5.9
RINGER II (04-BEN)	5.1	6.0	6.5	5.5	4.9	5.3	6.1	6.7	6.7	6.3	5.9
TR47	4.8	6.5	7.0	5.3	4.7	5.3	5.9	6.9	6.8	5.7	5.9
CABO II (IS-PR 233)	4.6	6.1	6.3	5.7	5.1	5.3	5.9	6.8	6.4	5.0	5.8
CALYPSO 3 (MS2)	4.6	6.1	6.7	5.6	4.8	5.1	6.0	6.7	6.6	6.3	5.8
E-99	4.6	5.8	6.3	5.0	5.5	5.8	5.9	6.6	6.7	5.7	5.8
FOREVER (DP 17-9499)	4.6	6.3	6.4	5.5	5.3	5.3	5.7	6.5	6.7	5.3	5.8
HEADSTART 2	4.8	6.2	6.7	5.5	5.3	5.7	5.7	6.3	6.1	5.3	5.8
MACH I	4.9	6.1	6.8	5.7	5.0	5.4	5.8	6.5	6.2	5.7	5.8

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PINNACLE II	4.9	6.0	6.2	5.5	5.4	5.5	5.7	6.5	6.1	5.3	5.8
PLEASURE SUPREME (PM 103)	4.7	6.1	6.9	5.5	5.0	5.5	5.6	6.7	6.3	5.0	5.8
SECRETARIAT II GLSR (LTP-101-GLSR)	4.7	6.1	6.1	5.5	5.5	5.8	5.9	6.4	6.4	6.0	5.8
SRX 4682	4.8	5.9	6.0	5.6	5.3	5.9	6.1	6.2	6.7	5.0	5.8
TOP GUN II (JR-324)	4.6	6.1	6.6	5.9	5.2	5.3	5.7	6.6	6.7	5.3	5.8
1G SQUARED (APR 1664)	4.4	5.9	6.3	5.3	4.9	5.3	5.8	6.9	6.6	5.3	5.7
ASP6005 (AJM)	4.4	6.1	6.8	5.4	4.7	5.3	5.9	6.5	6.4	5.3	5.7
BAR LP 4420	5.0	6.1	6.6	5.5	5.1	5.3	5.2	6.4	6.2	5.3	5.7
D04-LP05	4.4	6.2	6.1	5.2	5.0	5.5	5.8	6.5	6.6	5.3	5.7
DEFENDER (D04-UP)	4.7	5.9	5.9	4.9	5.3	5.4	6.2	6.8	6.6	5.7	5.7
GRAY STAR (PST-2LGL)	4.4	6.2	6.4	5.5	5.2	5.3	5.7	6.1	6.3	5.7	5.7
INSPIRE	4.2	5.6	6.3	5.2	5.1	5.5	5.9	6.6	6.3	5.7	5.7
LA QUINTA (JR-255)	4.4	5.9	6.4	5.5	4.9	5.3	5.7	6.5	6.6	4.7	5.7
SUNSHINE 2	4.4	6.0	6.5	5.3	5.0	5.3	5.4	6.5	6.4	5.0	5.7
DP 17-9788	4.6	5.8	5.9	5.4	5.0	5.3	5.7	6.3	6.4	5.3	5.6
PALMER III	4.7	5.8	6.3	5.3	5.2	5.4	5.6	6.3	6.2	5.0	5.6
PIANIST (DP 17-9505)	4.7	5.7	6.3	5.4	4.9	5.3	5.6	6.1	6.1	5.0	5.6
PICK 02-R	4.7	6.5	6.8	5.5	4.5	4.6	5.4	6.3	6.1	5.0	5.6
BAR LP 4920	4.9	5.7	5.8	5.1	5.1	5.1	5.4	6.5	6.3	4.7	5.5
LPR 02203	4.9	5.6	5.1	4.7	4.7	5.2	5.6	6.0	6.1	5.0	5.3
PANTHER	4.6	5.7	5.3	5.1	4.6	5.0	5.4	6.3	5.7	4.5	5.3
PINNACLE	4.9	5.3	4.5	4.7	4.9	4.8	5.1	5.8	5.7	5.0	5.1
PREMIER	3.8	5.1	4.7	4.3	4.4	4.3	4.5	5.5	5.7	5.0	4.7
AFFINITY	4.0	5.1	4.4	4.2	4.3	4.1	4.4	5.3	5.6	5.0	4.6
LINN	3.6	3.5	3.1	2.9	3.3	3.2	3.0	3.8	4.3	3.0	3.3
LSD VALUE	4.1	0.9	0.7	0.7	1.3	0.9	0.9	0.8	0.9	2.1	0.4
C.V. (%)	23.5	18.2	14.7	16.7	25.0	19.9	19.1	15.3	11.7	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 13. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT FARGO, ND 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PALMER IV	5.7	6.3	5.0	5.3	5.3	6.0	5.6
MACH I	5.3	5.7	4.7	5.3	5.7	6.0	5.4
REVENGE GLX (JR-348)	5.0	5.3	5.0	5.3	5.7	6.0	5.4
1G SQUARED (APR 1664)	4.0	5.7	4.7	5.3	6.0	6.0	5.3
TRANSFORMER (D04-1667)	5.0	5.3	5.0	5.3	5.3	5.7	5.3
ACCENT II (JR-119)	4.0	5.7	4.7	5.3	5.7	5.7	5.2
HOMERUN (RG3P)	5.0	5.7	4.7	4.7	5.3	5.7	5.2
PANTHER GLS	5.0	5.3	4.7	5.3	5.3	5.3	5.2
CITATION FORE	4.3	5.7	5.0	5.0	5.0	5.3	5.1
FIESTA 4 (PICK F4)	4.7	5.7	4.3	5.3	5.3	5.0	5.1
KEYSTONE 2 (IS-PR 312)	4.3	5.3	4.3	5.0	5.7	6.0	5.1
MAJESTY II (VB77)	4.7	6.0	5.0	5.0	5.0	4.7	5.1
PARAGON GLR	5.0	5.3	4.7	5.0	5.0	5.7	5.1
PST-217	5.0	5.7	4.3	4.7	5.0	5.7	5.1
BRIGHTSTAR SLT	4.3	6.0	5.0	4.0	5.0	5.7	5.0
FIJI (GPR)	4.3	5.3	4.7	5.0	5.3	5.3	5.0
CALYPSO 3 (MS2)	4.0	5.0	5.0	4.7	5.7	5.3	4.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	5.7	4.7	4.3	4.7	5.0	4.9
HARRIER (SRX 4UP3)	4.7	4.7	4.7	4.7	5.3	5.3	4.9
HEADSTART 2	4.0	6.0	4.7	4.0	5.0	5.7	4.9
NOTABLE (AF)	4.0	5.3	4.7	4.3	5.3	5.7	4.9
PALMER V (RNS)	4.7	5.7	4.7	4.7	5.0	5.0	4.9
PICK 02-R	6.3	5.0	4.7	4.7	4.7	4.3	4.9
PROTOTYPE (DCM)	4.3	5.0	4.3	5.0	5.3	5.7	4.9
SOPRANO (DP1)	4.0	5.3	4.3	5.0	5.3	5.3	4.9
SR 4600 (SRX 4SP)	5.0	5.3	4.7	4.3	5.0	5.3	4.9
ASP6006 (LPFG)	5.3	6.0	5.0	3.7	4.3	4.7	4.8
ATTRIBUTE (IS-PR 270)	4.3	5.3	4.3	5.0	4.7	5.0	4.8
ES45	5.0	5.3	4.7	4.3	4.7	5.0	4.8
GOALKEEPER II (JR-114)	4.0	5.7	4.7	4.3	4.7	5.3	4.8
MMW	3.7	5.3	4.3	5.0	5.0	5.3	4.8
PALMER GLS (GL-2)	4.3	5.3	4.3	4.3	5.0	5.3	4.8
PRIMARY (IS-PR 269)	5.0	5.3	4.3	4.3	4.7	5.0	4.8
PROTEGE GLR	4.7	5.7	4.7	4.0	4.7	5.3	4.8
REPELL GLS	4.0	5.0	5.0	4.3	5.3	5.3	4.8
SECRETARIAT II GLSR (LTP-101-GLSR)	4.7	5.3	4.3	4.3	5.0	5.0	4.8
STELLAR GL (IS-PR 236)	5.0	5.3	4.3	4.3	5.0	5.0	4.8
AMAZING GS (IS-PR 276)	4.3	4.3	4.0	5.0	5.0	5.3	4.7
APPLE GL (AAZ-B104)	4.0	4.7	4.3	4.7	5.3	5.0	4.7
ASP6005 (AJM)	5.0	5.7	4.7	3.7	4.3	5.0	4.7
BAR LP 4317	3.7	4.7	4.0	5.3	5.3	5.3	4.7
BREA (04-BRE)	3.7	5.7	4.7	4.7	4.7	4.7	4.7
D04-LP05	4.0	5.3	4.7	4.7	4.7	4.7	4.7
INSPIRE	4.3	5.3	4.7	4.0	4.7	5.0	4.7
OVERDRIVE	4.3	5.0	4.3	4.7	5.0	5.0	4.7
PENTIUM	4.3	5.3	5.0	4.7	4.7	4.0	4.7
PHENOM (APR 1660)	4.7	5.0	4.3	4.7	4.7	4.7	4.7

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT FARGO, ND 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PIZZAZZ	4.3	5.7	4.3	4.3	4.3	5.3	4.7
QUICKSILVER	4.3	5.0	4.3	4.3	5.0	5.0	4.7
SUNSHINE 2	5.3	5.3	4.3	3.7	4.7	4.7	4.7
WIND DANCE 2 (PWDR)	3.7	5.3	5.0	4.0	5.0	5.0	4.7
AFFINITY	5.0	4.7	4.3	4.7	4.7	4.3	4.6
BACCARAT (RAD-PR8)	4.0	5.0	4.7	4.3	4.7	4.7	4.6
DART (APR 1663)	4.0	5.0	4.7	4.7	4.7	4.7	4.6
DASHER 3 (PICK RB-1)	3.7	5.3	4.7	3.7	5.0	5.0	4.6
FUSION	4.0	4.7	4.0	4.7	5.3	5.0	4.6
GALATTI (DP 17-9502)	4.7	4.7	3.7	4.7	5.0	5.0	4.6
NEXUS XD (SP4)	4.7	5.3	4.3	4.0	4.3	4.7	4.6
MONTEREY 3 (JR-408)	4.0	5.0	4.7	4.3	4.3	4.7	4.5
PLATEAU (PST-2LAN)	4.0	5.0	4.0	4.3	4.7	5.0	4.5
RINGER II (04-BEN)	4.0	4.7	4.0	4.3	5.0	5.0	4.5
SILVER DOLLAR	4.0	5.0	4.7	4.3	4.3	4.7	4.5
UNO (D04-11T)	4.0	5.0	4.3	4.0	4.7	5.0	4.5
ASP6001 (RTS)	4.0	5.0	4.3	4.3	4.3	4.7	4.4
ASP6003 (TRS)	3.7	4.7	4.7	4.3	4.7	4.3	4.4
BAR LP 4920	4.7	4.7	4.0	4.3	4.7	4.3	4.4
BUENA VISTA	4.0	4.3	3.7	4.0	5.0	5.3	4.4
DELAWARE XL (PICK 01-2)	3.7	5.3	4.3	3.0	4.7	5.3	4.4
E-99	3.7	5.3	4.0	4.0	4.7	5.0	4.4
EXACTA II GLSR (LTP-611-GLSR)	4.0	5.3	4.3	4.0	4.3	4.7	4.4
GRAY STAR (PST-2LGL)	4.0	4.3	4.0	4.3	4.7	5.0	4.4
PINNACLE II	4.0	4.7	3.7	4.3	4.7	5.0	4.4
PLEASURE SUPREME (PM 103)	4.0	5.0	3.7	4.3	4.7	4.7	4.4
PRESIDIO (CNV)	3.7	5.3	4.7	3.7	4.7	4.7	4.4
TR47	3.7	5.3	4.7	3.7	4.7	4.7	4.4
WAYFARER (L44)	5.0	5.0	4.3	3.7	4.0	4.7	4.4
ZOOM (LCK)	4.0	4.7	4.0	4.3	4.7	4.7	4.4
ASP6004 (EXS54)	2.7	5.3	4.7	3.3	4.7	5.0	4.3
CADDIESHACK II (JR-163)	3.7	5.0	4.3	4.3	4.3	4.3	4.3
DEFENDER (D04-UP)	4.0	5.3	4.3	4.0	4.0	4.0	4.3
LA QUINTA (JR-255)	4.3	5.3	4.3	3.3	4.3	4.3	4.3
PANTHER	4.3	4.3	4.0	4.3	4.7	4.3	4.3
BAR LP 4420	3.3	4.7	4.0	4.3	4.7	4.0	4.2
CHIVALRY (APR 1648)	3.3	4.3	4.0	4.0	4.7	5.0	4.2
CUTTER II (PM 101)	4.0	4.7	3.7	4.0	4.3	4.3	4.2
GRAND SLAM 2 (PST-2GSM)	3.7	4.3	3.7	4.3	4.7	4.7	4.2
GRAY FOX (PST-2MNG)	3.7	4.7	3.7	3.3	4.7	5.0	4.2
KOKOMO II (IS-PR 235)	3.7	4.7	3.7	4.3	4.3	4.3	4.2
LS 2300 (APR 1670)	2.7	5.3	4.0	4.0	4.7	4.7	4.2
DERBY XTREME (IS-PR 268)	3.0	4.0	3.7	4.3	4.7	4.7	4.1
LINE DRIVE GLS (APR 1797)	3.7	4.7	4.3	3.3	4.3	4.3	4.1
SRX 4682	3.0	4.0	3.7	4.7	4.7	4.3	4.1
VB99	3.7	5.3	4.3	3.7	3.7	3.7	4.1
BARLENNIUM	3.0	4.3	3.7	4.3	4.3	4.3	4.0

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT FARGO, ND 1/
2005-09 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
NEXUS XR (SNR)	4.3	4.7	4.0	2.3	4.3	4.3	4.0
ALLSTAR 3 (IS-PR 274)	3.3	3.3	3.3	4.3	4.7	4.3	3.9
ASP6002 (BPR)	3.7	4.7	4.0	3.3	4.0	4.0	3.9
FIREBOLT (PRG HS-01-09)	3.0	4.0	4.0	3.7	4.3	4.7	3.9
MANHATTAN 5 GLR (PST-2AM)	3.0	4.3	3.7	3.3	4.3	5.0	3.9
PACESETTER II (PS-2)	3.0	4.0	4.0	3.7	4.7	4.3	3.9
PST-2AG4	3.7	4.3	4.0	3.3	3.7	4.3	3.9
PST-2BLK	3.3	4.7	3.7	3.7	4.0	4.0	3.9
TOP GUN II (JR-324)	3.3	4.3	3.7	4.0	4.3	3.7	3.9
HAWKEYE 2 (SRX 4692)	3.0	4.3	3.7	3.7	4.0	4.0	3.8
LPR 02203	2.7	3.7	4.0	3.7	4.3	4.3	3.8
FOREVER (DP 17-9499)	3.0	4.7	3.3	3.3	3.7	4.0	3.7
PALMER III	2.3	3.3	3.3	4.0	4.7	4.7	3.7
PREMIER	4.0	3.7	3.3	3.3	4.0	4.0	3.7
CABO II (IS-PR 233)	2.7	4.3	3.7	3.0	4.0	3.7	3.6
HALO (KN42)	2.7	4.3	3.7	2.3	4.0	4.3	3.6
PALACE (IS-PR 273)	2.7	3.7	3.3	3.7	4.0	4.3	3.6
PINNACLE	3.3	3.0	3.0	3.7	4.0	4.3	3.6
PREMIER II	3.0	4.3	3.7	3.0	4.0	3.7	3.6
PM 102	2.0	3.3	3.7	3.7	4.3	4.0	3.5
REGAL 5 (IS-PR 271)	2.3	4.0	3.7	2.7	3.7	4.3	3.4
PIANIST (DP 17-9505)	2.0	3.0	3.0	3.7	4.3	3.7	3.3
EDGE II (AC2)	3.0	2.3	2.7	2.3	3.3	3.0	2.8
DP 17-9788	2.0	2.7	2.3	2.3	2.7	3.0	2.5
LINN	1.3	2.0	2.3	2.0	2.7	2.7	2.2
LSD VALUE	2.0	1.6	1.3	1.7	1.7	2.1	1.2
C.V. (%)	25.6	17.8	15.6	20.4	16.0	18.5	14.4

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.

3/ TURFGRASS QUALITY RATED IN 2005 ONLY.

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CUTTER II (PM 101)	5.9	7.1	7.3	7.1	7.3	7.2	7.8	7.2
PLEASURE SUPREME (PM 103)	6.8	7.5	7.8	7.1	6.9	6.6	7.5	7.2
TR47	6.6	7.3	7.5	6.7	7.1	6.9	7.7	7.2
MACH I	6.1	7.2	7.5	7.0	7.1	6.8	7.7	7.1
MAJESTY II (VB77)	6.1	7.1	7.3	6.5	6.8	6.7	7.6	7.0
PRESIDIO (CNV)	6.4	7.1	7.3	7.1	7.0	6.4	7.3	7.0
ASP6001 (RTS)	6.4	7.3	7.3	6.8	6.5	6.2	7.1	6.9
ASP6003 (TRS)	5.6	6.9	7.2	6.7	6.8	6.5	7.4	6.9
CHIVALRY (APR 1648)	5.9	6.7	7.4	7.0	7.1	6.5	7.3	6.9
DERBY XTREME (IS-PR 268)	5.9	7.1	7.4	7.1	6.7	6.4	7.4	6.9
EDGE II (AC2)	6.0	7.1	7.4	6.5	6.5	6.8	7.3	6.9
EXACTA II GLSR (LTP-611-GLSR)	6.2	6.7	6.9	6.9	6.9	6.6	7.5	6.9
PARAGON GLR	6.0	6.8	6.9	6.6	7.1	6.7	7.4	6.9
SILVER DOLLAR	6.0	6.7	7.3	7.1	6.7	6.1	7.5	6.9
UNO (D04-11T)	5.7	6.9	7.1	6.7	6.8	6.5	7.6	6.9
ALLSTAR 3 (IS-PR 274)	6.0	6.9	7.3	6.9	6.6	6.3	7.1	6.8
ASP6004 (EXS54)	5.7	6.5	7.0	6.5	6.5	6.9	7.4	6.8
ASP6005 (AJM)	5.7	7.1	7.1	6.3	6.4	6.3	7.7	6.8
ES45	6.1	6.8	7.2	6.5	6.3	6.5	7.3	6.8
FIESTA 4 (PICK F4)	4.7	6.9	7.1	6.9	6.7	6.7	7.5	6.8
FIJI (GPR)	5.3	6.5	7.1	6.6	7.0	6.9	7.3	6.8
FOREVER (DP 17-9499)	6.4	7.0	7.3	6.5	5.9	6.4	7.5	6.8
MMW	5.9	6.7	7.1	6.7	6.5	6.3	7.7	6.8
SOPRANO (DP1)	5.3	6.5	7.0	6.7	6.7	6.9	7.7	6.8
ASP6002 (BPR)	5.6	6.6	6.9	6.4	6.6	6.3	7.4	6.7
ASP6006 (LPFG)	5.4	6.6	7.3	6.3	6.5	6.5	7.3	6.7
DASHER 3 (PICK RB-1)	5.4	6.8	6.9	6.5	6.6	6.4	7.1	6.7
DELAWARE XL (PICK 01-2)	5.4	6.9	7.3	6.3	6.4	6.1	7.3	6.7
KOKOMO II (IS-PR 235)	5.3	6.5	6.9	6.8	6.9	6.6	7.2	6.7
OVERDRIVE	5.8	6.7	6.9	6.3	6.3	6.7	7.3	6.7
PALACE (IS-PR 273)	5.4	6.7	7.3	6.5	6.6	6.5	7.0	6.7
PALMER GLS (GL-2)	6.1	6.7	6.9	6.6	6.6	6.4	7.2	6.7
PALMER IV	5.7	6.7	7.2	6.3	6.6	6.4	7.0	6.7
PICK 02-R	6.0	7.3	7.5	5.8	6.0	6.3	7.5	6.7
PM 102	5.3	6.9	6.8	6.1	6.5	6.7	7.3	6.7
REVENGE GLX (JR-348)	6.0	6.5	6.9	6.6	6.9	6.3	7.1	6.7
TOP GUN II (JR-324)	5.6	6.7	7.1	6.5	6.4	6.5	7.3	6.7
VB99	5.0	6.7	7.1	6.3	6.5	6.7	7.5	6.7
WIND DANCE 2 (PWDR)	5.7	6.8	7.0	6.5	6.6	6.2	7.1	6.7
ATTRIBUTE (IS-PR 270)	5.3	6.7	7.1	6.8	6.7	5.9	6.9	6.6
FIREBOLT (PRG HS-01-09)	5.4	6.9	6.7	6.3	6.4	6.4	7.1	6.6
HALO (KN42)	5.2	6.5	7.2	6.2	6.5	6.7	7.1	6.6
HOMERUN (RG3P)	5.9	6.6	7.0	7.0	6.2	5.9	6.9	6.6
NEXUS XD (SP4)	6.0	6.7	7.1	6.6	5.8	6.2	7.2	6.6
NEXUS XR (SNR)	5.2	6.8	7.3	6.3	6.5	6.4	7.1	6.6
PALMER V (RNS)	5.9	6.9	7.0	6.5	6.1	6.1	6.9	6.6
ZOOM (LCK)	5.3	6.3	6.5	6.7	6.9	6.7	7.1	6.6

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
1G SQUARED (APR 1664)	5.7	6.7	6.8	6.3	6.2	6.4	6.9	6.5
BAR LP 4420	6.0	6.6	6.9	5.9	6.0	6.4	6.9	6.5
BUENA VISTA	5.2	5.9	6.7	6.9	6.7	6.3	6.8	6.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.3	6.3	6.8	6.4	6.0	6.5	7.2	6.5
FUSION	5.1	6.1	6.6	6.6	6.7	6.3	7.1	6.5
GRAY FOX (PST-2MNG)	5.2	6.1	6.8	6.5	6.1	6.4	7.1	6.5
PACESETTER II (PS-2)	5.4	6.5	7.2	6.3	6.0	6.3	7.0	6.5
PINNACLE II	6.3	7.1	6.9	6.3	6.1	5.7	6.7	6.5
PROTEGE GLR	5.6	5.9	6.3	6.1	6.7	6.7	7.3	6.5
PROTOTYPE (DCM)	5.9	6.3	6.7	6.3	6.5	6.5	7.1	6.5
STELLAR GL (IS-PR 236)	5.2	6.3	6.9	6.4	6.3	6.5	7.1	6.5
SUNSHINE 2	5.7	6.9	7.1	6.5	6.1	6.0	6.8	6.5
TRANSFORMER (D04-1667)	5.9	6.5	6.6	6.5	6.5	6.3	6.9	6.5
ACCENT II (JR-119)	5.9	6.2	6.4	6.3	6.3	6.6	6.5	6.4
AMAZING GS (IS-PR 276)	5.1	6.6	6.8	6.3	6.1	6.2	7.1	6.4
CABO II (IS-PR 233)	5.6	6.1	7.0	6.2	6.0	6.1	7.1	6.4
CALYPSO 3 (MS2)	5.7	6.5	6.9	6.3	6.0	6.2	6.7	6.4
DEFENDER (D04-UP)	5.4	6.4	6.5	6.6	6.5	6.1	6.9	6.4
E-99	5.7	6.2	6.5	6.5	6.5	6.3	6.5	6.4
LINE DRIVE GLS (APR 1797)	6.3	6.6	6.8	6.5	6.3	5.7	6.5	6.4
MONTEREY 3 (JR-408)	5.1	6.2	6.5	6.3	6.3	6.7	6.7	6.4
PANTHER GLS	6.4	6.7	6.6	6.0	5.9	5.9	6.9	6.4
PIZZAZZ	6.2	6.4	6.7	6.1	6.1	6.3	6.9	6.4
PRIMARY (IS-PR 269)	5.9	6.0	6.7	6.3	6.1	6.1	7.1	6.4
PST-217	5.4	6.3	6.7	6.3	6.1	5.9	7.3	6.4
RINGER II (04-BEN)	5.8	6.1	7.0	6.3	5.9	6.5	6.7	6.4
WAYFARER (L44)	4.6	6.2	6.9	6.2	6.2	6.5	7.3	6.4
DART (APR 1663)	5.3	6.3	6.4	6.5	6.3	5.9	6.7	6.3
HEADSTART 2	5.6	6.7	6.7	5.8	5.6	6.2	6.5	6.3
KEYSTONE 2 (IS-PR 312)	5.9	6.0	6.7	6.5	6.1	5.9	6.7	6.3
NOTABLE (AF)	5.3	6.1	6.3	6.1	5.9	6.2	6.9	6.3
PST-2AG4	5.6	6.6	6.7	6.1	5.5	6.0	7.1	6.3
REGAL 5 (IS-PR 271)	4.4	6.4	6.9	6.3	6.1	5.9	7.1	6.3
SR 4600 (SRX 4SP)	5.4	6.5	6.6	6.2	5.7	5.7	7.1	6.3
APPLE GL (AAZ-B104)	5.1	6.4	6.3	5.8	5.7	6.3	6.8	6.2
BAR LP 4920	5.8	6.4	6.7	5.9	5.9	5.9	6.6	6.2
BREA (04-BRE)	5.2	5.8	6.8	6.0	5.9	6.1	6.6	6.2
LA QUINTA (JR-255)	4.4	6.3	6.5	6.1	5.7	6.2	7.1	6.2
PIANIST (DP 17-9505)	5.3	6.8	6.6	6.3	5.4	5.7	6.6	6.2
PST-2BLK	5.0	6.1	6.4	6.4	6.3	5.9	6.5	6.2
QUICKSILVER	5.9	6.2	6.5	5.9	5.8	5.8	6.8	6.2
SECRETARIAT II GLSR (LTP-101-GLSR)	5.7	6.1	6.5	6.1	5.8	5.7	7.0	6.2
BACCARAT (RAD-PR8)	5.4	6.1	6.6	6.1	5.7	5.8	6.3	6.1
CITATION FORE	5.7	5.9	6.3	6.2	6.0	5.8	6.5	6.1
D04-LP05	5.3	6.0	6.1	6.3	6.0	5.9	6.2	6.1
GOALKEEPER II (JR-114)	5.3	6.4	6.1	5.7	6.1	6.0	6.6	6.1
GRAND SLAM 2 (PST-2GSM)	5.3	6.1	6.3	6.1	5.9	5.7	6.6	6.1

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
GRAY STAR (PST-2LGL)	5.6	5.7	6.4	6.3	5.7	5.7	6.8	6.1
HARRIER (SRX 4UP3)	5.1	6.1	6.1	6.2	6.2	5.7	6.7	6.1
MANHATTAN 5 GLR (PST-2AM)	5.9	5.8	6.3	5.9	6.1	5.5	6.7	6.1
PALMER III	6.2	5.9	6.2	5.9	5.6	5.9	6.7	6.1
PHENOM (APR 1660)	5.2	5.9	6.3	6.2	6.0	5.9	6.5	6.1
REPELL GLS	5.2	6.1	6.2	6.0	6.1	5.7	6.7	6.1
BARLENNIUM	4.8	5.7	6.2	5.9	6.1	6.0	6.3	6.0
CADDIESHACK II (JR-163)	4.7	5.8	6.1	5.9	5.8	6.0	6.6	6.0
DP 17-9788	5.9	6.2	6.2	5.8	5.7	5.5	6.3	6.0
GALATTI (DP 17-9502)	5.6	6.3	6.3	5.5	5.4	5.6	6.7	6.0
INSPIRE	5.3	6.3	6.1	5.9	5.6	5.9	6.4	6.0
LS 2300 (APR 1670)	5.4	6.1	6.3	6.1	5.7	5.7	6.2	6.0
PLATEAU (PST-2LAN)	5.4	6.2	6.5	5.9	5.8	5.7	6.3	6.0
PREMIER II	5.1	5.7	6.4	6.1	6.1	5.5	6.4	6.0
BRIGHTSTAR SLT	4.7	5.9	6.2	5.6	5.9	5.8	6.3	5.9
HAWKEYE 2 (SRX 4692)	4.0	5.7	6.5	5.9	5.9	6.1	6.1	5.9
BAR LP 4317	5.2	5.9	6.2	5.9	5.7	5.1	6.2	5.8
PANTHER	5.8	5.8	5.7	5.6	5.4	5.7	6.0	5.8
PENTIUM	4.6	5.6	5.9	5.9	5.8	5.8	6.1	5.8
SRX 4682	5.4	5.5	5.5	5.6	5.4	5.5	5.6	5.6
LPR 02203	5.4	5.2	5.4	5.3	5.3	5.3	5.8	5.5
AFFINITY	4.8	4.9	5.0	5.1	5.1	4.7	5.1	5.0
PREMIER	4.9	4.5	5.1	4.9	4.3	4.8	5.1	4.9
PINNACLE	4.1	4.1	4.7	4.3	4.3	4.7	4.8	4.5
LINN	2.1	2.1	2.5	2.5	2.3	2.7	3.1	2.6
LSD VALUE	1.2	0.7	0.8	1.0	1.2	1.1	1.4	0.7
C.V. (%)	21.0	16.4	17.1	21.2	24.0	22.7	23.8	15.7

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT MEAD, NE */
 2005-09 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	BROWN PATCH WARM TEMP.	YELLOW PATCH	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CHIVALRY (APR 1648)	8.6	5.1	8.2	8.7	8.5	6.0	8.0	5.3	6.1	7.1	7.5	6.9	7.2	6.9	7.3	7.1
CUTTER II (PM 101)	8.4	4.9	8.2	8.5	8.6	4.7	6.3	5.0	5.9	6.9	7.6	6.6	6.7	6.9	7.5	7.0
FIJI (GPR)	8.3	4.5	8.3	8.4	8.3	6.0	5.0	3.0	5.9	7.1	7.6	6.7	6.3	6.9	7.6	7.0
ASP6004 (EXS54)	8.5	4.9	8.0	8.5	8.4	5.3	5.7	4.7	5.7	7.2	7.5	6.5	6.5	6.5	7.6	6.9
ASP6006 (LPFG)	8.4	4.9	8.2	8.3	8.7	3.7	4.7	7.0	5.1	7.1	7.7	6.4	6.3	6.9	7.5	6.9
FIREBOLT (PRG HS-01-09)	8.3	4.9	8.1	8.5	8.4	3.0	6.0	5.0	5.3	7.1	7.2	6.4	6.7	6.9	7.6	6.9
NEXUS XR (SNR)	8.5	5.2	8.2	8.3	8.5	5.0	6.0	5.7	5.6	6.9	7.7	6.5	6.7	6.9	7.5	6.9
PICK 02-R	8.5	4.5	8.2	8.5	8.7	2.7	5.0	5.7	5.9	7.4	7.5	6.4	6.1	6.7	7.5	6.9
UNO (D04-11T)	7.9	5.3	8.2	8.5	8.3	4.3	6.7	5.3	5.8	7.1	7.4	6.5	6.3	6.6	7.7	6.9
ASP6005 (AJM)	8.1	5.6	8.4	8.5	8.2	3.3	6.7	5.3	5.6	7.3	7.5	6.1	5.9	6.7	7.4	6.8
DERBY XTREME (IS-PR 268)	7.9	4.5	8.3	8.5	8.5	6.7	5.3	6.3	5.6	7.3	7.4	6.5	6.3	6.5	7.4	6.8
EDGE II (AC2)	7.9	4.9	7.9	8.3	8.5	5.0	5.0	5.3	5.4	6.9	7.4	6.4	6.3	6.7	7.4	6.8
KOKOMO II (IS-PR 235)	8.1	5.0	8.2	8.4	8.4	6.3	5.7	3.0	4.7	6.8	7.1	6.6	7.1	6.9	7.0	6.8
PALMER IV	8.2	4.9	8.3	8.3	8.1	3.3	4.0	4.7	5.6	7.1	7.4	6.0	6.3	6.7	7.5	6.8
PIZZAZZ	7.7	5.1	8.6	8.7	8.7	3.0	6.3	5.3	5.8	6.9	7.1	6.3	6.6	6.7	7.1	6.8
PLEASURE SUPREME (PM 103)	7.8	5.1	8.1	8.3	8.2	2.0	5.0	7.0	5.8	7.4	7.2	6.3	6.3	6.7	7.3	6.8
SILVER DOLLAR	8.1	5.5	8.1	8.4	8.4	6.0	6.3	5.7	5.4	6.9	7.5	6.5	6.2	7.0	7.1	6.8
TR47	8.5	4.8	8.1	8.3	8.0	3.7	4.7	6.7	5.7	7.1	7.4	6.3	6.1	6.6	7.4	6.8
TRANSFORMER (D04-1667)	7.8	4.8	8.1	8.5	8.5	6.0	6.3	5.3	5.9	6.9	7.1	6.5	6.6	6.8	7.0	6.8
VB99	8.4	5.1	7.9	8.4	8.4	3.7	4.3	5.7	5.9	7.1	7.7	6.1	6.3	6.9	7.3	6.8
WIND DANCE 2 (PWDR)	8.4	4.9	8.1	8.2	8.3	4.7	5.7	4.3	5.3	6.9	7.5	6.3	6.3	6.8	7.3	6.8
ALLSTAR 3 (IS-PR 274)	8.1	4.7	7.8	8.5	8.2	4.7	5.3	6.3	5.4	6.9	7.1	6.3	6.4	6.3	7.4	6.7
ATTRIBUTE (IS-PR 270)	8.0	4.8	8.2	8.3	8.1	5.3	5.3	6.3	5.4	6.9	7.6	6.4	6.1	6.5	7.3	6.7
BUENA VISTA	7.9	4.5	8.2	8.5	8.7	6.7	6.3	3.0	5.2	6.9	7.2	6.7	6.5	6.6	7.3	6.7
EXACTA II GLSR (LTP-611-GLSR)	7.7	5.3	8.2	8.5	8.5	4.3	4.3	4.0	5.3	6.8	7.2	6.3	6.4	6.7	7.5	6.7
FIESTA 4 (PICK F4)	8.3	5.3	8.1	8.5	8.1	4.7	5.3	4.7	5.4	6.7	7.3	6.4	6.1	6.6	7.3	6.7
NEXUS XD (SP4)	8.3	5.1	7.9	8.3	8.3	6.0	6.3	6.0	5.3	7.1	7.1	6.1	6.4	6.7	7.5	6.7
PALMER V (RNS)	7.3	5.3	8.1	8.6	8.3	3.3	6.0	7.3	5.6	7.3	7.1	6.3	6.3	6.3	7.2	6.7
SOPRANO (DP1)	8.1	4.9	8.0	8.5	8.5	3.7	6.7	5.3	6.1	6.7	7.1	6.3	5.8	6.5	7.5	6.7
TOP GUN II (JR-324)	7.9	5.0	8.0	8.5	8.4	5.7	6.0	6.0	5.6	6.9	7.1	6.4	6.3	6.9	6.8	6.7
1G SQUARED (APR 1664)	7.8	4.5	8.3	8.5	8.5	4.3	6.0	6.0	5.4	6.7	7.3	6.1	6.1	6.6	7.3	6.6
DELAWARE XL (PICK 01-2)	8.4	4.5	7.8	8.2	8.3	5.0	6.7	4.0	5.3	6.7	7.1	6.2	6.2	6.4	7.1	6.6
ES45	7.9	4.8	7.9	8.0	7.9	5.7	6.0	4.7	5.0	6.7	7.2	6.3	6.3	6.5	6.9	6.6
GRAND SLAM 2 (PST-2GSM)	7.5	4.6	8.1	8.7	8.4	5.0	4.7	5.7	5.2	6.9	7.1	5.9	6.3	6.6	7.1	6.6
KEYSTONE 2 (IS-PR 312)	7.5	4.4	8.6	8.2	8.3	6.7	6.0	3.7	5.9	6.9	7.0	6.3	6.1	6.3	7.1	6.6
PALACE (IS-PR 273)	8.2	5.3	7.9	8.3	8.3	3.3	4.0	7.0	4.8	6.8	7.4	6.1	6.1	6.3	7.2	6.6
PALMER GLS (GL-2)	7.7	5.4	8.3	8.5	8.4	3.7	5.3	6.0	5.6	7.2	7.1	6.3	6.4	6.3	6.9	6.6
PRIMARY (IS-PR 269)	7.5	5.0	7.9	8.7	8.5	6.7	6.7	6.0	5.1	6.8	6.7	6.4	6.4	6.9	7.1	6.6
PROTEGE GLR	7.6	4.6	8.1	8.2	8.6	4.7	5.7	3.7	5.0	6.3	7.3	6.3	6.6	6.6	7.3	6.6
REGAL 5 (IS-PR 271)	8.3	5.0	8.0	8.1	8.2	3.3	3.0	4.7	5.0	7.1	7.5	6.1	5.8	6.6	7.1	6.6
SR 4600 (SRX 4SP)	7.9	4.9	8.0	8.4	8.3	4.0	6.0	5.7	5.6	6.8	7.1	5.9	6.4	6.7	6.9	6.6
STELLAR GL (IS-PR 236)	8.0	4.8	8.1	8.3	8.1	5.0	6.0	5.0	5.0	6.7	7.3	6.5	6.2	6.2	7.3	6.6
SUNSHINE 2	7.8	4.8	8.1	8.3	8.4	3.7	5.7	5.3	5.8	6.7	7.1	6.0	5.9	6.7	7.1	6.6
ASP6001 (RTS)	7.9	5.1	8.1	8.3	8.2	5.7	4.3	6.0	5.2	6.9	7.0	5.9	5.8	6.5	7.1	6.5
ASP6003 (TRS)	8.3	4.2	7.8	7.9	7.8	3.3	3.7	6.3	5.9	6.7	7.3	5.7	5.7	6.5	6.7	6.5
CALYPSO 3 (MS2)	8.0	5.0	8.0	8.0	8.1	2.0	3.0	5.7	5.1	6.7	7.2	6.0	5.6	6.5	7.1	6.5

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT MEAD, NE */
2005-09 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	BROWN PATCH WARM TEMP.	YELLOW PATCH	APR	MAY	QUALITY		RATINGS		OCT	MEAN
											JUN	JUL	AUG	SEP		
HALO (KN42)	8.3	5.0	7.7	7.7	8.1	4.3	6.7	4.7	5.3	6.5	6.9	6.1	5.7	6.6	7.3	6.5
MMW	7.3	5.2	8.2	8.3	8.3	3.0	5.0	5.0	5.1	6.5	6.9	6.1	6.5	6.3	7.3	6.5
PARAGON GLR	7.6	5.2	8.2	8.2	8.3	3.3	6.0	3.7	5.1	6.5	7.2	6.1	6.1	6.3	7.3	6.5
PRESIDIO (CNV)	7.7	4.8	8.0	8.3	8.2	4.3	6.0	6.7	5.4	6.7	7.1	6.1	5.8	6.3	7.0	6.5
REVENGE GLX (JR-348)	7.8	4.8	8.0	8.3	8.0	5.7	5.7	4.7	5.2	6.7	6.9	6.1	6.3	6.6	6.7	6.5
ZOOM (LCK)	7.3	4.3	8.0	8.3	8.2	4.3	6.0	5.3	5.3	6.4	6.9	6.5	5.9	6.3	7.0	6.5
AMAZING GS (IS-PR 276)	7.8	4.9	7.7	7.9	8.1	5.3	4.3	7.0	4.8	6.6	6.7	5.8	6.1	6.4	7.1	6.4
ASP6002 (BPR)	8.3	5.5	7.9	7.9	7.8	4.0	4.3	6.3	5.4	6.3	7.3	5.9	5.8	6.3	6.9	6.4
CABO II (IS-PR 233)	8.1	4.8	7.7	8.1	8.1	5.3	4.7	5.0	4.7	6.5	6.7	5.8	6.4	6.5	7.0	6.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.6	4.9	7.9	8.2	8.1	5.0	5.0	4.7	5.1	6.5	6.5	6.0	6.4	6.3	6.9	6.4
FUSION	7.9	4.7	7.6	8.2	8.1	6.7	5.0	4.3	4.4	6.2	6.9	6.3	6.5	6.4	6.9	6.4
GRAY FOX (PST-2MNG)	7.6	5.6	8.1	8.4	8.3	5.3	6.3	3.7	4.9	6.3	7.0	6.1	6.2	6.6	6.7	6.4
INSPIRE	7.2	5.3	8.3	8.6	8.6	4.0	5.3	6.7	5.8	6.7	6.9	6.0	6.3	6.3	6.3	6.4
MONTEREY 3 (JR-408)	7.3	3.9	7.9	8.5	8.5	5.3	6.3	4.3	5.6	6.7	6.8	6.1	5.7	6.5	6.6	6.4
PINNACLE II	7.4	5.1	8.1	8.5	8.1	3.3	6.0	4.7	5.4	6.7	7.2	5.7	5.9	6.4	7.0	6.4
PM 102	8.4	4.8	7.7	7.8	8.1	4.3	7.0	4.7	5.3	6.5	6.7	6.2	5.9	6.3	7.3	6.4
SECRETARIAT II GLSR (LTP-101-GLSR)	7.3	5.3	8.1	8.7	8.4	4.3	5.7	5.3	5.4	6.8	6.9	6.0	6.0	6.5	6.7	6.4
APPLE GL (AAZ-B104)	7.5	5.1	8.1	8.1	8.1	3.3	5.3	6.3	5.2	6.5	6.5	5.9	5.9	6.5	6.9	6.3
BREA (04-BRE)	7.8	4.5	8.0	7.9	8.2	3.3	4.7	5.3	5.3	6.6	6.6	5.9	5.5	6.1	6.9	6.3
DART (APR 1663)	7.8	5.0	7.8	8.5	8.2	5.7	5.3	6.0	5.0	6.5	6.7	5.9	5.9	6.5	7.0	6.3
DASHER 3 (PICK RB-1)	7.5	5.0	8.1	8.3	8.0	2.3	4.7	6.3	5.0	6.8	7.1	5.5	5.6	6.0	7.2	6.3
E-99	7.0	5.3	7.5	8.2	8.1	6.7	4.7	5.0	4.9	6.7	6.5	5.8	6.3	6.3	7.0	6.3
HARRIER (SRX 4UP3)	7.4	4.8	7.9	8.5	8.3	4.7	5.3	4.3	4.6	6.2	6.8	6.2	6.5	5.9	7.1	6.3
NOTABLE (AF)	7.6	5.2	8.1	8.3	7.9	4.3	6.7	6.7	5.6	6.7	6.5	6.1	5.8	5.9	7.2	6.3
PIANIST (DP 17-9505)	7.4	4.8	8.1	8.4	8.0	3.0	4.3	6.3	5.0	7.0	6.9	5.8	5.7	6.1	6.5	6.3
PROTOTYPE (DCM)	7.7	4.8	8.0	8.2	8.1	3.7	6.3	7.0	4.7	6.5	6.5	6.2	5.8	6.4	6.7	6.3
PST-217	7.1	4.7	8.1	8.5	8.0	5.0	4.3	4.3	5.4	6.7	6.5	5.9	5.7	6.2	6.7	6.3
RINGER II (04-BEN)	7.3	5.1	8.1	8.5	8.3	5.0	5.0	5.3	5.1	6.7	6.7	6.1	5.7	6.0	6.9	6.3
ACCENT II (JR-119)	7.1	4.8	8.1	8.3	8.3	5.7	7.0	4.3	5.7	6.5	6.4	5.9	5.7	6.2	6.4	6.2
BAR LP 4420	7.6	4.8	8.1	7.9	8.1	2.7	5.0	3.7	5.1	6.5	7.1	5.6	5.5	5.9	6.8	6.2
BARLENNIUM	7.3	4.9	8.3	8.5	8.2	4.0	5.7	4.7	5.4	6.3	6.6	6.0	5.7	6.3	6.6	6.2
D04-LP05	7.1	4.8	7.8	8.2	8.0	5.0	6.0	6.0	4.9	6.3	6.5	5.8	5.7	6.1	7.1	6.2
DEFENDER (D04-UP)	7.6	5.2	7.6	8.1	8.2	4.0	5.7	3.3	4.8	6.3	6.5	5.7	5.8	6.5	6.8	6.2
DP 17-9788	7.3	4.8	8.3	8.5	8.1	2.3	4.7	5.0	5.7	6.6	6.3	5.7	5.8	6.2	6.3	6.2
GOALKEEPER II (JR-114)	7.4	5.0	7.9	8.1	8.1	2.0	6.0	6.0	5.3	6.5	6.3	5.5	5.8	6.5	6.6	6.2
HOMERUN (RG3P)	8.1	5.0	7.7	8.1	7.5	6.7	6.3	6.7	4.8	6.5	6.6	6.1	6.1	5.7	6.6	6.2
LS 2300 (APR 1670)	7.3	5.2	8.2	8.3	8.3	5.0	6.0	5.3	5.0	6.2	6.7	6.1	6.2	5.9	6.4	6.2
MACH I	7.9	4.8	7.8	8.3	7.8	1.7	5.7	5.3	5.2	6.3	6.8	5.6	5.8	5.8	6.9	6.2
PACESETTER II (PS-2)	7.7	5.0	7.7	8.0	8.1	5.3	3.7	5.3	4.8	6.0	7.1	5.8	5.9	6.2	6.6	6.2
PHENOM (APR 1660)	7.7	4.0	7.9	8.1	8.0	5.7	6.0	4.7	5.1	6.6	6.7	6.3	5.7	5.9	6.6	6.2
PST-2AG4	7.7	4.6	7.5	7.8	8.1	5.3	5.0	4.0	4.8	6.3	6.6	5.5	5.7	6.6	6.9	6.2
PST-2BLK	7.3	5.1	7.8	8.0	7.9	7.0	5.3	6.7	4.8	6.4	6.3	6.0	6.1	6.4	6.7	6.2
WAYFARER (L44)	7.9	4.5	7.6	7.6	8.0	4.3	5.0	5.7	4.3	6.3	7.1	5.7	5.9	6.2	7.0	6.2
FOREVER (DP 17-9499)	7.8	5.3	7.8	7.9	7.5	4.0	5.7	5.7	5.3	6.6	6.5	5.7	5.3	5.9	6.7	6.1
GALATTI (DP 17-9502)	7.6	4.8	8.0	7.9	8.0	2.3	5.3	4.7	5.1	6.7	6.5	5.7	5.2	6.0	6.7	6.1
MANHATTAN 5 GLR (PST-2AM)	7.1	5.2	7.8	8.4	8.1	4.3	5.0	4.7	5.1	6.1	6.3	5.8	5.7	6.3	6.4	6.1

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT MEAD, NE */
2005-09 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	BROWN		YELLOW PATCH	APR	MAY	QUALITY RATINGS					OCT	MEA
							PATCH WARM	TEMP.				JUN	JUL	AUG	SEP			
OVERDRIVE	7.3	4.6	7.9	8.2	7.7	2.3	5.3		7.0	4.7	6.6	6.9	5.5	5.7	6.0	6.5	6.1	
PLATEAU (PST-2LAN)	7.1	4.6	8.2	8.4	8.2	6.3	6.3		3.0	5.1	6.5	6.7	5.9	5.6	5.8	6.4	6.1	
BACCARAT (RAD-PR8)	7.3	5.0	8.1	8.3	7.9	4.3	5.0		5.7	5.0	6.5	6.7	5.7	5.5	5.7	6.1	6.0	
BAR LP 4317	6.9	5.1	8.0	8.4	8.1	4.7	5.0		5.3	5.2	6.5	6.1	5.8	5.6	5.7	6.3	6.0	
BAR LP 4920	7.7	5.2	8.1	7.8	7.8	2.3	7.3		4.7	5.0	6.5	6.7	5.7	5.0	5.9	6.5	6.0	
BRIGHTSTAR SLT	7.3	4.5	7.8	8.2	8.2	4.3	7.0		4.7	4.4	6.5	6.2	5.9	5.5	5.9	6.5	6.0	
CADDIESHACK II (JR-163)	7.3	4.6	8.0	7.9	8.1	4.3	6.7		3.0	4.9	6.2	6.3	5.7	5.7	6.2	6.5	6.0	
GRAY STAR (PST-2LGL)	7.2	4.5	7.1	8.0	7.9	5.7	6.0		5.3	4.7	6.5	6.1	5.7	5.3	6.3	6.5	6.0	
HAWKEYE 2 (SRX 4692)	7.2	4.7	7.3	7.9	8.1	5.0	5.3		5.7	4.2	5.9	6.3	5.7	5.7	6.3	6.7	6.0	
LA QUINTA (JR-255)	8.0	4.9	7.4	7.7	7.7	3.3	5.3		5.3	4.7	6.1	6.5	5.4	5.3	6.1	6.9	6.0	
MAJESTY II (VB77)	8.0	4.7	7.1	7.5	7.7	4.7	3.7		6.0	4.7	6.1	6.7	5.5	5.5	6.0	6.7	6.0	
PANTHER GLS	7.0	4.6	7.9	8.1	7.8	3.7	3.3		7.0	5.2	6.5	6.4	5.5	5.7	6.0	6.2	6.0	
PREMIER II	7.2	5.1	8.0	8.3	8.2	4.3	6.0		5.0	5.3	6.3	6.2	5.7	5.4	5.9	6.5	6.0	
QUICKSILVER	7.4	3.9	7.7	7.3	7.9	7.0	3.7		4.7	5.0	6.3	6.1	5.8	5.5	6.1	6.7	6.0	
CITATION FORE	7.1	4.8	8.1	8.1	7.9	4.3	5.0		6.7	5.0	6.3	6.1	5.6	5.5	5.9	6.3	5.9	
PENTIUM	6.8	4.8	7.8	8.1	8.3	6.3	7.0		5.0	4.1	5.9	6.1	5.8	5.8	5.9	6.3	5.9	
HEADSTART 2	8.0	4.6	7.5	7.5	7.2	3.0	3.0		7.3	5.1	5.9	5.9	5.3	5.3	5.7	6.4	5.8	
LINE DRIVE GLS (APR 1797)	7.3	4.8	7.5	8.0	7.8	3.0	3.3		6.7	5.1	6.2	6.3	5.1	5.1	5.7	6.3	5.8	
PALMER III	6.9	4.8	7.9	7.9	7.8	3.3	6.0		5.7	5.4	5.9	6.1	5.2	5.1	5.9	6.5	5.8	
REPELL GLS	7.3	4.3	6.8	7.5	7.4	5.3	3.7		5.7	5.0	5.7	5.9	5.7	5.2	5.8	6.3	5.8	
PANTHER	6.1	5.3	7.9	8.1	7.9	1.3	5.3		6.3	5.3	5.8	5.7	4.7	5.2	5.2	5.9	5.5	
SRX 4682	7.0	4.0	7.5	8.0	7.9	5.3	7.0		2.3	4.2	5.7	6.1	4.9	5.0	5.7	6.1	5.5	
LPR 02203	6.3	4.3	7.7	8.3	7.8	2.7	6.3		4.7	5.2	5.9	5.3	5.1	4.9	5.3	5.4	5.4	
AFFINITY	5.9	4.8	7.8	7.9	8.1	2.0	8.0		7.0	4.0	5.0	5.2	4.9	4.9	5.1	5.3	5.0	
PREMIER	6.0	4.8	7.9	8.3	7.7	4.0	4.0		6.7	4.7	5.5	5.0	4.6	4.5	4.8	4.9	4.9	
PINNACLE	5.9	4.9	7.5	7.9	7.9	2.3	5.7		6.3	3.7	4.9	4.7	4.4	4.3	4.5	5.3	4.7	
LINN	4.2	3.3	5.8	6.1	5.6	4.3	5.3		4.7	1.6	2.8	2.5	2.6	2.4	2.9	3.4	2.7	
LSD VALUE	0.5	4.7	1.0	0.7	0.8	2.3	6.9		4.6	1.1	1.4	0.9	1.4	1.3	1.5	1.9	0.8	
C.V. (%)	9.5	28.9	12.8	10.5	11.8	30.4	31.1		30.0	20.8	23.0	17.9	25.1	26.0	24.6	26.6	17.8	

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

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

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

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
ALLSTAR 3 (IS-PR 274)	6.7	7.4	6.7	6.5	6.7	6.9	7.2	6.8	6.8
AMAZING GS (IS-PR 276)	6.7	7.1	6.9	6.7	6.6	6.5	7.1	6.8	6.7
UNO (D04-11T)	6.7	7.1	6.9	6.5	6.8	5.9	7.1	6.8	6.7
HOMERUN (RG3P)	6.3	6.9	6.7	6.8	7.1	5.9	6.8	6.2	6.6
DERBY XTREME (IS-PR 268)	6.3	6.9	6.7	6.3	6.3	6.0	7.3	6.2	6.5
REGAL 5 (IS-PR 271)	6.0	7.0	7.2	6.4	5.9	6.2	7.0	7.0	6.5
ZOOM (LCK)	6.7	7.1	6.9	6.1	6.3	6.0	6.9	6.8	6.5
ATTRIBUTE (IS-PR 270)	6.3	6.3	6.8	6.1	6.3	6.2	7.0	7.0	6.4
KEYSTONE 2 (IS-PR 312)	5.9	6.5	6.6	6.3	6.8	5.8	6.8	6.2	6.4
PALACE (IS-PR 273)	6.5	7.0	6.7	6.2	5.7	6.0	6.8	6.7	6.4
PALMER V (RNS)	6.1	6.8	6.7	6.1	6.4	5.9	6.5	6.3	6.4
PRIMARY (IS-PR 269)	6.4	6.6	6.9	6.4	6.3	5.2	7.0	6.0	6.4
SR 4600 (SRX 4SP)	7.0	6.6	6.8	6.3	5.7	5.8	6.7	6.3	6.4
FIESTA 4 (PICK F4)	6.8	7.2	6.1	6.1	5.7	5.8	6.8	6.6	6.3
GRAND SLAM 2 (PST-2GSM)	6.3	6.5	6.2	6.5	6.3	6.4	6.2	5.9	6.3
KOKOMO II (IS-PR 235)	6.2	6.5	6.3	6.5	5.7	5.8	7.0	6.7	6.3
APPLE GL (AAZ-B104)	6.7	6.9	5.9	5.8	5.8	5.7	6.5	6.4	6.2
DASHER 3 (PICK RB-1)	6.8	6.9	6.1	5.9	5.9	5.2	7.1	6.6	6.2
PALMER GLS (GL-2)	6.3	6.5	6.3	6.2	6.0	5.6	6.4	6.1	6.2
REVENGE GLX (JR-348)	6.7	6.4	6.1	5.8	6.5	6.0	6.5	6.3	6.2
EXACTA II GLSR (LTP-611-GLSR)	6.7	6.3	6.3	5.7	5.5	5.6	7.3	6.7	6.1
PALMER IV	6.3	7.0	5.7	5.6	6.0	5.0	6.7	6.7	6.1
SILVER DOLLAR	6.4	5.9	5.8	5.7	6.3	6.8	6.3	6.6	6.1
HAWKEYE 2 (SRX 4692)	5.8	5.6	5.9	6.6	6.3	6.3	5.8	5.8	6.0
LINE DRIVE GLS (APR 1797)	6.5	5.8	6.3	6.3	6.0	5.4	5.8	6.0	6.0
TRANSFORMER (D04-1667)	5.9	6.3	6.4	5.9	6.2	5.7	6.3	6.0	6.0
1G SQUARED (APR 1664)	6.3	6.3	6.1	5.7	5.9	5.3	6.5	5.7	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.3	5.5	6.1	6.3	6.0	5.6	5.9	5.3	5.9
DART (APR 1663)	6.3	5.6	5.7	6.1	6.0	5.8	6.2	6.0	5.9
HARRIER (SRX 4UP3)	6.5	6.4	5.9	5.5	5.7	5.6	6.5	5.7	5.9
MMW	6.0	6.0	6.0	5.7	6.0	5.3	6.4	6.2	5.9
NOTABLE (AF)	6.4	6.1	6.3	5.8	5.3	5.5	6.8	6.0	5.9
PANTHER GLS	5.7	5.7	6.3	6.3	6.0	5.9	6.3	6.2	5.9
PARAGON GLR	6.6	6.7	6.1	5.1	5.5	5.2	6.3	5.9	5.9
SECRETARIAT II GLSR (LTP-101-GLSR)	6.3	5.8	6.2	6.1	5.9	5.7	5.7	5.3	5.9
DEFENDER (D04-UP)	6.5	6.3	5.7	5.7	5.5	5.2	5.9	6.2	5.8
PROTOTYPE (DCM)	5.6	6.1	6.2	6.1	5.7	5.7	5.6	5.8	5.8
PST-2AG4	5.9	5.9	5.9	5.7	5.5	6.3	6.2	5.8	5.8
SOPRANO (DP1)	6.1	6.5	6.0	5.4	5.7	5.7	5.8	5.9	5.8
FUSION	5.8	5.7	6.0	5.9	5.6	5.1	5.8	5.8	5.7
GRAY FOX (PST-2MNG)	5.8	5.4	5.4	5.7	5.9	6.3	5.9	5.7	5.7
LS 2300 (APR 1670)	6.1	5.5	5.5	5.9	5.9	5.8	6.0	5.9	5.7
MANHATTAN 5 GLR (PST-2AM)	5.8	5.7	6.1	5.8	5.4	5.1	5.5	5.1	5.6
PLEASURE SUPREME (PM 103)	5.6	5.9	5.3	5.4	5.3	5.7	5.9	5.7	5.6
PROTEGE GLR	5.4	6.4	5.7	4.9	5.1	5.1	6.8	6.0	5.6
BUENA VISTA	5.8	5.9	5.9	5.7	4.8	4.4	5.8	5.8	5.5
CALYPSO 3 (MS2)	6.0	6.3	5.9	5.3	5.0	4.7	5.0	5.7	5.5

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2005-09 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
E-99	4.9	5.5	5.0	5.6	6.2	5.5	6.0	5.2	5.5
ASP6004 (EXS54)	5.4	5.6	5.7	5.4	5.2	5.4	5.7	5.7	5.4
GRAY STAR (PST-2LGL)	5.0	5.6	5.6	5.7	5.3	5.3	5.4	5.2	5.4
PST-2BLK	5.3	5.8	5.1	5.1	5.6	5.1	5.5	5.2	5.4
STELLAR GL (IS-PR 236)	5.7	6.1	5.7	5.5	4.7	4.6	5.7	5.9	5.4
CHIVALRY (APR 1648)	5.0	5.1	5.1	4.9	5.1	5.3	6.0	6.1	5.3
DELAWARE XL (PICK 01-2)	5.3	5.7	5.2	5.1	4.6	5.4	5.7	5.8	5.3
OVERDRIVE	5.3	5.5	6.0	5.4	4.9	4.8	5.0	5.4	5.3
ASP6003 (TRS)	5.1	6.0	5.2	4.8	4.9	4.8	5.3	5.4	5.2
ASP6006 (LPFG)	5.1	5.7	5.5	4.7	4.9	5.2	5.3	5.6	5.2
BACCARAT (RAD-PR8)	5.3	5.3	5.7	5.1	5.2	5.1	5.1	5.0	5.2
BREA (04-BRE)	5.3	5.7	6.1	5.5	4.7	4.2	5.0	4.7	5.2
PHENOM (APR 1660)	6.0	5.6	5.5	5.3	5.0	4.8	5.3	5.2	5.2
PLATEAU (PST-2LAN)	4.6	5.1	5.5	5.7	5.7	5.2	5.3	4.9	5.2
REPELL GLS	6.0	5.7	5.7	5.3	4.7	4.3	5.3	5.3	5.2
ASP6005 (AJM)	5.5	5.7	5.0	4.7	4.6	4.9	5.4	5.3	5.1
CABO II (IS-PR 233)	5.5	5.9	5.8	5.7	4.1	4.3	5.3	5.6	5.1
CITATION FORE	5.2	5.5	5.2	5.3	4.9	4.9	4.9	4.7	5.1
EDGE II (AC2)	5.4	6.1	5.9	4.9	4.1	3.9	5.1	5.6	5.1
ES45	5.0	5.1	4.8	4.7	5.0	5.3	5.6	5.7	5.1
PINNACLE II	5.1	5.2	5.1	5.1	4.4	4.8	5.1	5.3	5.1
SRX 4682	5.4	5.5	4.9	5.1	5.3	4.9	5.3	4.4	5.1
WIND DANCE 2 (PWDR)	5.0	5.2	5.1	4.9	5.0	4.9	5.5	5.4	5.1
ASP6002 (BPR)	5.0	5.5	5.2	4.7	4.6	4.9	5.2	5.7	5.0
FIJI (GPR)	4.8	5.3	5.5	4.8	4.7	5.3	5.3	5.4	5.0
PENTIUM	4.8	4.7	5.1	5.7	5.2	5.2	4.8	4.7	5.0
PST-217	5.1	5.2	5.2	4.8	4.5	4.7	5.4	5.0	5.0
RINGER II (04-BEN)	5.4	5.5	5.3	5.4	4.7	4.1	4.5	5.1	5.0
ACCENT II (JR-119)	4.7	4.8	5.3	5.2	4.9	4.8	4.3	4.4	4.9
GALATTI (DP 17-9502)	5.0	5.4	5.1	4.7	4.3	4.4	4.8	5.1	4.9
MAJESTY II (VB77)	5.3	5.0	5.3	5.1	4.5	4.3	4.8	5.4	4.9
FOREVER (DP 17-9499)	4.3	5.1	4.7	4.7	4.5	4.2	4.8	5.7	4.8
INSPIRE	4.7	4.9	4.6	4.9	4.5	4.7	4.5	4.6	4.8
MACH I	4.4	5.1	4.4	4.3	4.7	4.8	4.9	5.3	4.8
PIZZAZZ	5.0	5.1	4.8	4.8	4.3	4.4	5.3	5.2	4.8
ASP6001 (RTS)	5.0	5.0	4.5	4.5	4.1	4.6	4.8	5.3	4.7
CUTTER II (PM 101)	4.3	4.9	4.5	4.6	4.3	4.9	5.0	5.2	4.7
NEXUS XD (SP4)	4.8	5.3	4.9	4.1	4.3	4.3	5.2	5.1	4.7
PRESIDIO (CNV)	4.7	5.1	4.9	4.5	4.3	4.8	5.1	5.1	4.7
QUICKSILVER	4.3	5.1	4.7	4.7	4.4	4.8	4.6	4.9	4.7
TOP GUN II (JR-324)	4.6	4.7	4.3	4.7	4.7	4.6	4.9	5.0	4.7
TR47	4.8	4.9	4.5	4.4	4.5	4.8	5.3	5.1	4.7
NEXUS XR (SNR)	5.0	5.1	4.7	4.5	4.1	4.1	5.3	4.9	4.6
WAYFARER (L44)	5.0	5.1	4.4	4.5	3.9	4.3	4.7	5.6	4.6
FIREBOLT (PRG HS-01-09)	4.3	5.0	5.1	4.7	4.1	4.0	4.1	3.7	4.5
PACESETTER II (PS-2)	3.6	4.7	4.4	4.5	4.7	4.1	4.3	4.8	4.5
BAR LP 4420	4.3	5.0	4.2	4.4	3.9	3.9	4.5	4.7	4.4

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2005-09 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BRIGHTSTAR SLT	4.4	4.3	4.2	4.6	4.5	4.8	4.0	4.6	4.4
D04-LP05	4.3	4.7	3.9	4.1	4.1	5.0	4.8	4.4	4.4
HALO (KN42)	4.5	4.8	4.5	4.1	3.9	4.3	4.8	5.1	4.4
HEADSTART 2	4.1	4.8	4.3	4.1	3.7	3.9	4.5	4.8	4.4
VB99	4.9	5.1	4.7	4.1	3.7	3.8	4.4	4.8	4.4
BAR LP 4920	4.3	4.1	4.4	4.5	4.3	3.8	3.8	4.4	4.3
PIANIST (DP 17-9505)	4.1	4.7	4.5	4.3	3.5	3.7	4.3	4.7	4.3
PM 102	4.4	4.4	3.8	4.1	4.2	4.3	4.4	5.0	4.3
BAR LP 4317	4.1	4.7	4.4	4.7	4.1	3.3	3.9	4.0	4.2
BARLENNIUM	3.4	4.1	3.7	4.5	4.7	4.4	4.2	4.1	4.2
PALMER III	4.1	4.1	4.1	4.3	4.0	4.1	4.2	4.6	4.2
DP 17-9788	4.3	4.5	4.0	4.1	4.3	3.6	3.7	3.9	4.1
GOALKEEPER II (JR-114)	3.8	4.7	4.3	4.2	3.9	3.4	3.7	3.6	4.1
LA QUINTA (JR-255)	4.0	4.4	3.8	3.9	3.9	4.4	4.2	4.6	4.1
CADDIESHACK II (JR-163)	4.3	4.5	4.0	3.9	3.7	3.4	4.0	4.0	4.0
PICK 02-R	3.6	4.9	3.9	3.7	3.8	3.5	4.1	4.4	4.0
PREMIER II	4.0	3.9	3.5	4.3	3.9	3.5	3.8	4.3	4.0
MONTEREY 3 (JR-408)	3.6	4.2	4.4	3.7	3.9	4.1	3.9	3.9	3.9
PANTHER	3.4	3.6	4.0	4.2	3.9	3.6	3.6	3.7	3.9
PREMIER	3.6	3.3	4.3	4.4	4.4	3.5	3.7	3.6	3.9
AFFINITY	3.6	3.5	4.1	4.2	4.0	2.9	3.8	3.8	3.8
SUNSHINE 2	3.7	4.5	3.9	3.8	3.5	3.3	3.6	3.8	3.8
PINNACLE	2.8	2.9	3.6	3.9	3.8	2.7	3.2	3.4	3.4
LPR 02203	2.8	3.0	3.1	3.5	2.9	2.5	2.5	3.0	3.0
LINN	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0
LSD VALUE	0.9	0.7	0.7	0.7	0.8	1.0	0.8	0.7	0.4
C.V. (%)	22.9	20.5	20.5	21.8	24.6	26.2	21.5	15.2	13.2

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 17.

WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA
WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

	PERCENT FULLNESS OF CANOPY RECEIVED TRAFFIC IN FALL	WEAR TOLERANCE	RECOVERY	RECOVERY				
NAME	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
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
D04-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 17. (CONT'D)

WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA
WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT FULLNESS OF SEP 15 PRE-WEAR	CANOPY RECEIVED TRAFFIC IN FALL SEP 18 24 PASSES	SEP 29 12 DAW* /	OCT 13 26 DAW* /	OCT 29 42 DAW	WEAR TOLERANCE SEP 18 24 PASSES	RECOVERY OCT 13 26 DAW	RECOVERY 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 17.
(CONT'D)

WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2009 DATA
WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT SEP 15 PRE-WEAR	FULLNESS OF SEP 18 24 PASSES	CANOPY RECEIVED SEP 29 12 DAW*/	TRAFFIC IN OCT 13 26 DAW*/	FALL OCT 29 42 DAW	WEAR TOLERANCE SEP 18 24 PASSES	RECOVERY OCT 13 26 DAW	RECOVERY 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 18. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PANTHER GLS	4.7	4.7	3.6	4.7	4.8	4.5	4.7	4.7
APPLE GL (AAZ-B104)	5.1	4.3	3.3	4.3	4.6	4.3	4.7	4.6
CABO II (IS-PR 233)	4.7	4.3	3.4	4.3	4.6	4.4	4.8	4.6
REPELL GLS	4.4	5.0	3.2	4.2	4.7	4.6	4.7	4.6
UNO (D04-11T)	4.7	4.3	3.0	4.3	4.8	4.5	4.7	4.6
AMAZING GS (IS-PR 276)	4.0	5.0	3.3	4.2	4.4	4.2	4.8	4.5
ASP6004 (EXS54)	4.8	4.3	3.3	4.3	4.5	4.2	4.5	4.5
ASP6005 (AJM)	4.2	5.3	3.1	4.1	4.6	4.3	4.2	4.5
BRIGHTSTAR SLT	4.7	3.3	3.6	4.6	4.5	4.2	4.7	4.5
DERBY XTREME (IS-PR 268)	4.7	4.3	3.2	4.3	4.7	4.3	4.8	4.5
HARRIER (SRX 4UP3)	4.3	4.0	3.3	4.5	4.3	4.3	4.9	4.5
MAJESTY II (VB77)	4.6	3.7	3.1	4.3	4.7	4.3	4.8	4.5
MANHATTAN 5 GLR (PST-2AM)	4.8	4.7	3.1	4.1	4.7	4.5	4.6	4.5
PALMER GLS (GL-2)	5.0	4.7	3.0	4.0	4.6	4.3	4.5	4.5
PROTEGE GLR	4.9	4.0	3.2	4.5	4.7	4.0	4.6	4.5
1G SQUARED (APR 1664)	4.9	4.0	3.2	4.3	4.4	4.3	4.8	4.4
ASP6001 (RTS)	4.4	4.0	3.4	4.2	4.3	4.2	4.6	4.4
ASP6006 (LPFG)	4.6	4.0	3.4	4.3	4.3	4.3	4.7	4.4
FOREVER (DP 17-9499)	4.7	3.7	3.0	4.1	4.5	4.3	4.4	4.4
FUSION	4.4	4.3	3.2	4.2	4.3	4.2	4.3	4.4
GOALKEEPER II (JR-114)	4.3	3.3	3.3	4.5	4.5	4.1	4.4	4.4
GRAY STAR (PST-2LGL)	4.2	4.7	3.1	4.2	4.2	4.1	4.5	4.4
HOMERUN (RG3P)	4.8	3.3	3.6	4.3	4.6	4.5	4.5	4.4
LINE DRIVE GLS (APR 1797)	4.7	4.7	2.9	4.0	4.3	4.3	4.7	4.4
OVERDRIVE	4.6	4.3	3.4	4.4	4.1	3.9	4.7	4.4
PALMER IV	4.7	3.7	2.7	4.3	4.5	4.3	4.7	4.4
PALMER V (RNS)	4.8	3.7	3.7	4.3	4.2	4.2	4.8	4.4
PLATEAU (PST-2LAN)	4.2	3.7	3.4	4.2	4.5	4.4	4.6	4.4
PRIMARY (IS-PR 269)	4.6	3.7	3.6	4.1	4.6	4.3	4.4	4.4
PST-2AG4	4.6	4.3	3.4	4.3	4.4	4.3	4.3	4.4
SR 4600 (SRX 4SP)	4.6	4.0	3.2	4.3	4.5	4.3	4.5	4.4
VB99	4.4	4.0	3.4	4.3	4.4	4.3	4.6	4.4
ZOOM (LCK)	4.2	4.7	3.3	4.4	4.1	4.1	4.6	4.4
ACCENT II (JR-119)	4.3	4.0	3.6	4.4	4.2	3.9	4.2	4.3
ASP6002 (BPR)	4.1	4.7	3.3	4.0	4.4	4.2	4.3	4.3
ASP6003 (TRS)	4.0	4.3	3.2	4.2	4.4	4.3	4.5	4.3
ATTRIBUTE (IS-PR 270)	4.2	3.7	3.4	4.1	4.1	4.1	4.7	4.3
BACCARAT (RAD-PR8)	4.1	3.7	3.4	4.4	4.0	4.1	4.3	4.3
CADDIESHACK II (JR-163)	3.8	4.3	3.3	4.3	4.4	4.1	4.3	4.3
CALYPSO 3 (MS2)	3.9	4.0	3.1	4.0	4.5	4.4	4.3	4.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.8	3.3	2.9	4.3	4.2	3.9	4.8	4.3
CUTTER II (PM 101)	4.3	4.0	3.0	4.1	4.5	4.2	4.2	4.3
DART (APR 1663)	4.3	3.7	3.4	4.0	4.4	4.3	4.5	4.3
DASHER 3 (PICK RB-1)	4.6	4.3	3.3	4.2	4.1	4.1	4.5	4.3
DEFENDER (D04-UP)	4.1	4.7	3.0	4.0	4.4	4.3	4.1	4.3
E-99	4.4	3.0	3.3	4.1	4.5	4.1	4.6	4.3
EXACTA II GLSR (LTP-611-GLSR)	4.7	3.7	3.2	4.5	4.0	4.0	4.6	4.3

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
FIESTA 4 (PICK F4)	4.4	3.7	3.3	4.4	4.3	4.3	4.3	4.3
FIREBOLT (PRG HS-01-09)	4.2	3.7	3.3	4.1	4.4	4.1	4.4	4.3
GALATTI (DP 17-9502)	4.6	4.0	3.1	3.9	4.3	4.2	4.5	4.3
GRAY FOX (PST-2MNG)	4.4	4.3	3.6	4.3	4.1	3.9	4.2	4.3
KEYSTONE 2 (IS-PR 312)	4.6	3.7	3.2	3.9	4.5	4.4	4.6	4.3
KOKOMO II (IS-PR 235)	4.6	4.3	3.7	4.1	4.3	4.0	4.1	4.3
LA QUINTA (JR-255)	4.1	5.0	3.0	4.2	4.4	4.2	4.3	4.3
LS 2300 (APR 1670)	4.1	4.0	3.3	4.3	4.3	4.1	4.3	4.3
MACH I	4.4	4.3	2.9	4.0	4.3	4.3	4.8	4.3
MONTEREY 3 (JR-408)	4.4	4.7	3.4	4.2	4.1	4.1	4.3	4.3
NEXUS XD (SP4)	4.0	3.7	3.2	4.2	4.4	4.2	4.4	4.3
PENTIUM	3.9	4.3	3.7	4.3	4.1	3.8	4.3	4.3
PHENOM (APR 1660)	4.2	4.3	2.7	4.0	4.6	4.4	4.3	4.3
PIANIST (DP 17-9505)	4.1	4.0	3.3	4.3	4.3	4.1	4.4	4.3
PLEASURE SUPREME (PM 103)	4.4	3.3	3.1	4.0	4.6	4.3	4.4	4.3
PREMIER II	4.3	3.7	3.1	4.3	4.1	4.0	4.6	4.3
PST-217	4.8	3.3	3.0	4.1	4.4	4.3	4.7	4.3
REGAL 5 (IS-PR 271)	3.8	4.3	3.1	4.2	4.3	4.0	4.4	4.3
RINGER II (04-BEN)	4.4	3.3	3.2	4.1	4.3	4.4	4.6	4.3
TOP GUN II (JR-324)	4.2	4.3	3.1	4.0	4.4	4.3	4.6	4.3
TR47	4.4	3.3	3.3	4.3	4.2	4.3	4.5	4.3
TRANSFORMER (D04-1667)	4.8	4.0	3.8	4.3	4.2	4.1	4.1	4.3
WAYFARER (L44)	3.9	4.0	3.3	4.3	4.1	4.1	4.5	4.3
WIND DANCE 2 (PWDR)	3.8	4.7	3.1	4.0	4.0	4.2	4.5	4.3
ALLSTAR 3 (IS-PR 274)	4.1	4.0	3.1	3.9	4.2	3.9	4.3	4.2
BAR LP 4317	4.4	4.0	3.3	3.9	4.3	4.1	4.4	4.2
BAR LP 4420	4.3	3.3	3.3	4.0	4.3	4.1	4.4	4.2
BREA (04-BRE)	3.7	4.3	3.2	4.1	4.3	4.2	4.3	4.2
BUENA VISTA	4.1	4.0	3.1	4.1	4.3	4.0	4.6	4.2
CITATION FORE	3.8	4.0	3.2	4.3	4.1	3.9	4.4	4.2
DELAWARE XL (PICK 01-2)	4.1	4.3	2.8	4.1	4.1	3.9	4.2	4.2
ES45	4.2	2.7	3.6	4.4	4.0	4.0	4.4	4.2
FIJI (GPR)	4.0	3.7	3.2	4.4	4.2	4.1	4.3	4.2
GRAND SLAM 2 (PST-2GSM)	4.2	3.7	3.4	4.1	4.1	4.2	4.6	4.2
HALO (KN42)	3.7	4.0	3.1	4.4	4.0	3.9	4.5	4.2
HAWKEYE 2 (SRX 4692)	4.0	5.0	3.1	4.1	3.8	3.9	4.2	4.2
HEADSTART 2	4.9	3.0	3.3	4.2	4.7	4.3	3.9	4.2
LPR 02203	4.2	3.7	3.1	4.3	4.2	4.0	4.4	4.2
MMW	4.7	3.7	3.4	3.8	4.3	4.0	4.4	4.2
NOTABLE (AF)	4.3	3.7	3.1	4.1	4.3	4.1	4.3	4.2
PACESETTER II (PS-2)	3.9	3.3	3.1	4.1	4.6	4.3	4.4	4.2
PANTHER	3.9	3.7	2.9	3.9	4.3	4.3	4.3	4.2
PIZZAZZ	4.6	3.3	3.1	4.3	4.0	3.9	4.5	4.2
PM 102	4.1	3.7	2.9	4.2	4.3	4.3	4.2	4.2
PRESIDIO (CNV)	3.9	3.7	3.4	4.2	4.1	4.0	4.2	4.2
QUICKSILVER	4.7	2.7	3.1	4.1	4.6	4.2	4.4	4.2
REVENGE GLX (JR-348)	4.7	4.0	3.1	4.2	4.0	4.0	4.5	4.2

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SOPRANO (DP1)	3.9	4.7	3.1	4.1	3.8	4.2	4.7	4.2
SRX 4682	3.9	3.7	3.3	4.3	4.5	4.0	4.1	4.2
STELLAR GL (IS-PR 236)	4.0	4.0	3.3	4.1	3.9	4.1	4.4	4.2
SUNSHINE 2	4.0	3.7	3.3	4.2	4.3	4.1	4.2	4.2
AFFINITY	3.9	3.7	3.1	4.0	4.2	3.9	4.3	4.1
CHIVALRY (APR 1648)	4.7	3.7	2.8	4.1	4.2	4.0	4.2	4.1
D04-LP05	3.6	3.7	3.2	4.3	3.9	4.0	4.2	4.1
DP 17-9788	4.1	3.7	3.3	4.1	4.1	3.8	4.3	4.1
INSPIRE	4.0	3.7	2.9	4.0	4.2	4.0	4.4	4.1
NEXUS XR (SNR)	4.1	3.3	2.8	4.0	4.2	4.0	4.5	4.1
PALACE (IS-PR 273)	4.4	3.7	3.1	4.0	3.9	3.9	4.3	4.1
PARAGON GLR	4.2	3.3	3.0	4.2	4.2	3.9	4.3	4.1
PINNACLE II	4.0	3.7	3.1	4.0	4.3	3.9	4.3	4.1
PST-2BLK	4.4	3.3	3.1	3.9	4.3	4.2	4.3	4.1
SILVER DOLLAR	4.4	3.7	3.0	4.1	3.9	3.8	4.7	4.1
BAR LP 4920	3.8	3.3	2.8	3.9	4.1	3.9	4.3	4.0
BARLENNIUM	3.7	3.7	3.3	3.9	4.3	4.0	3.9	4.0
EDGE II (AC2)	4.3	3.7	2.9	3.8	4.3	3.9	4.0	4.0
PALMER III	3.4	3.7	3.6	3.8	4.0	4.1	4.1	4.0
PICK 02-R	4.1	3.7	2.9	4.1	3.8	3.9	4.3	4.0
SECRETARIAT II GLSR (LTP-101-GLSR)	4.1	3.0	2.9	3.9	4.3	3.9	4.4	4.0
PINNACLE	2.9	2.7	3.2	4.1	3.9	3.9	4.0	3.9
PREMIER	3.6	2.7	2.8	3.8	4.0	3.9	4.3	3.9
PROTOTYPE (DCM)	4.3	3.0	2.9	4.0	4.1	3.8	4.0	3.9
LINN	2.9	4.3	2.2	3.2	3.9	3.6	3.4	3.5
LSD VALUE	0.8	0.6	3.8	7.2	6.2	5.7	5.6	5.3
C.V. (%)	17.0	17.8	27.8	32.8	29.8	27.0	27.3	24.1

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.

3/ TURFGRASS QUALITY RATED IN 2005-07 AND 2009.

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT ITHACA, NY */
2005-09 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	SEEDLING VIGOR	SPRING GREENUP	MAY	JUN	QUALITY RATINGS			OCT	MEAN
KEYSTONE 2 (IS-PR 312)	6.7	5.3	5.1	4.4	4.1	4.4	5.4	5.4	5.0
AMAZING GS (IS-PR 276)	7.3	6.0	5.4	4.8	4.1	4.3	5.1	5.2	4.9
CHIVALRY (APR 1648)	6.7	6.0	5.1	4.1	4.2	4.5	5.0	5.2	4.9
SOPRANO (DP1)	7.0	6.4	4.8	4.0	4.3	4.1	5.3	5.5	4.9
BACCARAT (RAD-PR8)	7.3	5.7	4.7	3.9	4.3	4.1	5.3	5.3	4.8
CALYPSO 3 (MS2)	7.3	5.3	4.6	4.1	4.3	4.2	5.0	4.9	4.8
HOMERUN (RG3P)	6.7	5.3	4.9	4.2	4.0	4.2	4.9	5.1	4.8
INSPIRE	7.0	5.7	4.8	4.1	4.3	4.4	4.8	4.9	4.8
MANHATTAN 5 GLR (PST-2AM)	7.0	5.3	4.9	4.1	4.1	4.1	5.0	5.3	4.8
PALMER V (RNS)	7.0	5.3	4.8	4.1	4.3	4.1	4.9	5.1	4.8
PST-217	7.0	6.0	4.8	4.2	4.2	4.3	4.8	5.0	4.8
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	5.0	4.7	4.1	4.3	4.0	5.3	5.4	4.8
TOP GUN II (JR-324)	7.0	5.7	4.3	4.3	4.3	4.3	5.2	5.3	4.8
TRANSFORMER (D04-1667)	5.7	5.3	4.8	4.1	4.0	4.3	5.2	5.0	4.8
UNO (D04-11T)	7.3	5.0	4.6	3.9	4.2	4.4	5.0	4.9	4.8
1G SQUARED (APR 1664)	7.0	5.7	5.1	4.0	3.9	3.8	4.9	5.2	4.7
DERBY XTREME (IS-PR 268)	7.0	5.7	4.6	4.0	3.9	3.8	4.8	5.4	4.7
EXACTA II GLSR (LTP-611-GLSR)	7.0	5.7	5.0	4.2	4.3	4.3	4.8	4.8	4.7
FOREVER (DP 17-9499)	7.3	5.7	5.0	4.0	3.9	4.3	4.7	4.8	4.7
GRAY STAR (PST-2LGL)	7.3	5.7	4.4	4.0	4.1	4.4	4.8	4.9	4.7
LA QUINTA (JR-255)	6.3	6.0	4.7	4.0	4.0	4.2	4.9	5.1	4.7
MMW	6.0	5.0	4.3	4.3	4.1	4.1	5.0	5.1	4.7
PANTHER GLS	7.7	4.0	4.1	4.1	4.2	4.3	4.9	5.3	4.7
PLATEAU (PST-2LAN)	7.0	6.0	4.7	3.9	4.0	3.9	5.1	5.3	4.7
REGAL 5 (IS-PR 271)	7.3	5.3	4.4	4.1	3.8	4.2	4.9	5.1	4.7
APPLE GL (AAZ-B104)	7.3	5.0	4.3	3.7	3.9	3.9	5.0	5.2	4.6
ASP6004 (EXS54)	6.7	5.0	4.6	4.1	3.8	4.1	5.0	5.0	4.6
ATTRIBUTE (IS-PR 270)	7.0	5.0	4.4	4.0	3.8	3.9	4.9	5.1	4.6
BAR LP 4920	7.0	4.7	4.3	3.9	3.8	4.1	4.9	4.9	4.6
BUENA VISTA	6.7	5.0	4.4	4.0	3.9	4.1	5.1	4.8	4.6
CABO II (IS-PR 233)	7.0	5.0	4.4	3.8	3.8	4.0	4.8	5.0	4.6
DART (APR 1663)	6.7	5.0	4.6	4.0	4.0	4.0	4.8	4.8	4.6
DEFENDER (D04-UP)	7.0	5.3	4.8	4.4	4.0	4.1	4.5	4.5	4.6
FIJI (GPR)	7.0	5.3	4.4	3.8	4.2	4.1	4.8	5.1	4.6
FIREBOLT (PRG HS-01-09)	7.0	5.7	4.6	3.9	3.9	3.9	4.8	5.1	4.6
FUSION	7.3	6.0	5.1	3.7	3.9	3.8	4.6	4.8	4.6
GRAND SLAM 2 (PST-2GSM)	6.7	5.7	4.7	4.0	4.1	4.2	4.8	4.8	4.6
LINE DRIVE GLS (APR 1797)	6.3	5.0	4.6	3.8	4.1	4.1	4.8	5.0	4.6
LS 2300 (APR 1670)	7.0	5.3	4.7	3.8	4.2	4.2	4.7	4.8	4.6
NOTABLE (AF)	7.0	5.0	4.4	4.1	3.9	4.1	4.7	4.8	4.6
PALMER GLS (GL-2)	6.7	5.3	4.7	4.1	4.1	4.2	4.8	4.9	4.6
PLEASURE SUPREME (PM 103)	6.7	5.3	4.6	4.0	4.0	3.9	4.9	4.8	4.6
REPELL GLS	7.0	6.0	4.7	3.8	4.0	3.8	4.7	5.2	4.6
REVENGE GLX (JR-348)	6.7	5.3	4.3	3.8	4.3	4.3	4.7	5.0	4.6
WIND DANCE 2 (PWDR)	7.7	5.7	4.7	4.0	3.8	3.9	4.8	4.9	4.6
ALLSTAR 3 (IS-PR 274)	6.7	5.3	4.6	4.0	3.8	3.8	4.9	4.8	4.5

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT ITHACA, NY */
2005-09 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	SEEDLING VIGOR	SPRING GREENUP	MAY	JUN	QUALITY RATINGS			OCT	MEAN
					JUL	AUG	SEP		
ASP6006 (LPFG)	7.0	6.0	5.0	4.2	3.8	3.9	4.4	4.6	4.5
BRIGHTSTAR SLT	7.3	5.3	4.3	3.8	4.3	4.2	4.6	4.5	4.5
CADDIESHACK II (JR-163)	7.3	4.7	4.0	4.1	3.9	3.9	4.8	4.9	4.5
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.3	4.7	4.7	3.8	4.0	3.8	4.8	4.8	4.5
CITATION FORE	7.0	5.3	4.4	3.8	4.0	4.0	4.4	4.8	4.5
CUTTER II (PM 101)	6.7	5.7	4.4	4.1	4.0	4.1	4.7	4.7	4.5
E-99	7.3	4.7	4.2	4.0	4.1	3.8	4.8	4.9	4.5
KOKOMO II (IS-PR 235)	5.7	4.3	4.0	3.8	3.9	3.9	4.7	4.9	4.5
MACH I	6.7	5.3	4.4	4.0	3.8	3.8	4.8	4.9	4.5
MAJESTY II (VB77)	7.3	4.0	4.0	4.0	3.8	4.0	4.7	4.9	4.5
NEXUS XR (SNR)	7.3	5.3	4.2	3.9	4.0	4.0	4.8	4.8	4.5
PACESETTER II (PS-2)	7.0	4.3	3.9	3.9	3.9	4.0	4.9	4.7	4.5
PARAGON GLR	6.7	5.7	4.7	3.9	3.8	3.9	4.6	5.1	4.5
PHENOM (APR 1660)	7.0	5.3	4.2	3.8	4.0	4.1	4.7	5.0	4.5
PINNACLE II	7.0	5.3	4.8	4.0	3.8	3.7	4.6	4.8	4.5
PIZZAZZ	7.0	5.3	4.4	3.8	3.8	3.8	4.7	4.8	4.5
PROTEGE GLR	7.3	5.7	4.6	3.8	4.1	3.8	4.7	4.9	4.5
PROTOTYPE (DCM)	6.7	4.3	4.3	3.4	4.1	3.9	4.8	5.1	4.5
PST-2BLK	6.7	5.3	4.4	3.8	3.8	4.1	4.7	4.6	4.5
WAYFARER (L44)	7.3	5.3	4.2	3.4	3.8	3.9	4.8	4.9	4.5
ZOOM (LCK)	7.7	5.7	4.4	3.7	3.9	4.1	4.5	4.8	4.5
ASP6002 (BPR)	6.3	5.0	4.3	4.1	3.6	4.0	4.3	4.7	4.4
ASP6003 (TRS)	7.0	5.3	4.4	3.8	3.7	4.2	4.6	4.5	4.4
ASP6005 (AJM)	6.7	5.3	4.7	3.4	3.8	4.1	4.4	4.7	4.4
DP 17-9788	7.0	5.7	4.9	3.6	3.7	3.7	4.7	4.6	4.4
EDGE II (AC2)	5.7	4.7	4.3	3.8	3.7	3.8	4.8	4.8	4.4
FIESTA 4 (PICK F4)	7.0	4.3	4.3	3.9	3.8	3.8	4.5	4.5	4.4
GALATTI (DP 17-9502)	7.3	4.7	4.1	4.0	3.7	3.6	4.9	4.8	4.4
GOALKEEPER II (JR-114)	8.0	4.7	4.1	3.6	4.0	4.1	4.2	4.6	4.4
HARRIER (SRX 4UP3)	7.3	4.3	3.9	3.6	3.8	3.9	4.7	4.8	4.4
LPR 02203	7.0	4.0	4.0	3.6	3.9	4.0	4.8	4.6	4.4
MONTEREY 3 (JR-408)	7.0	4.3	4.0	3.6	3.8	3.9	4.6	4.8	4.4
NEXUS XD (SP4)	7.7	5.0	4.3	3.7	3.8	3.8	4.8	4.8	4.4
PALMER III	6.7	4.7	4.2	3.8	3.8	4.2	4.5	4.7	4.4
PALMER IV	7.7	5.0	4.2	3.4	3.9	4.1	4.6	4.7	4.4
PANTHER	7.0	4.3	4.0	3.7	3.8	4.0	4.7	4.6	4.4
PENTIUM	7.3	4.7	4.3	4.1	4.1	4.1	4.4	4.4	4.4
PIANIST (DP 17-9505)	7.3	4.7	4.2	4.0	3.9	4.0	4.4	4.4	4.4
PM 102	7.3	5.7	4.6	3.6	3.6	3.9	4.4	4.8	4.4
PREMIER II	7.7	4.0	3.8	3.4	3.8	4.2	4.4	4.8	4.4
PRESIDIO (CNV)	7.0	4.0	4.1	3.8	3.9	3.9	4.5	4.4	4.4
PRIMARY (IS-PR 269)	6.7	4.3	4.4	3.9	3.6	3.9	4.7	4.6	4.4
PST-2AG4	7.0	5.3	4.6	3.6	3.7	4.0	4.5	4.6	4.4
SILVER DOLLAR	6.7	5.7	4.7	4.0	3.8	3.3	4.9	4.9	4.4
STELLAR GL (IS-PR 236)	7.0	4.3	4.2	4.0	3.8	3.8	4.5	4.8	4.4
TR47	7.3	4.7	4.2	3.8	3.8	4.0	4.5	4.8	4.4

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT ITHACA, NY */
2005-09 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	SEEDLING VIGOR	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
VB99	7.3	5.3	4.6	4.0	3.7	3.8	4.4	4.7	4.4
ASP6001 (RTS)	7.0	5.7	4.3	3.7	3.6	3.9	4.3	4.7	4.3
BAR LP 4317	6.0	5.0	4.1	3.8	3.8	3.8	4.4	4.8	4.3
BAR LP 4420	7.0	4.3	4.0	3.7	3.6	3.8	4.6	4.5	4.3
D04-LP05	7.3	4.7	4.2	3.7	3.6	3.9	4.4	4.4	4.3
DASHER 3 (PICK RB-1)	6.7	5.3	4.6	4.2	3.5	3.7	4.3	4.6	4.3
ES45	7.3	5.3	4.4	3.6	3.5	3.9	4.5	4.7	4.3
GRAY FOX (PST-2MNG)	7.3	5.0	4.3	3.6	3.8	3.6	4.6	4.8	4.3
HALO (KN42)	8.0	4.7	4.1	3.8	3.7	3.7	4.3	4.6	4.3
HEADSTART 2	6.0	4.7	4.0	3.7	3.5	4.0	4.4	4.5	4.3
OVERDRIVE	7.7	4.0	4.1	3.7	3.8	3.9	4.3	4.3	4.3
PINNACLE	7.3	5.0	4.2	3.8	3.8	3.8	4.3	4.4	4.3
QUICKSILVER	7.0	4.7	4.0	3.8	3.8	3.8	4.6	4.6	4.3
RINGER II (04-BEN)	7.0	5.3	4.4	3.6	3.7	3.8	4.5	4.7	4.3
SR 4600 (SRX 4SP)	7.3	4.7	4.1	3.8	3.5	3.7	4.5	4.6	4.3
SRX 4682	7.7	5.3	4.1	3.6	3.8	3.8	4.5	4.5	4.3
AFFINITY	7.3	3.7	3.8	3.6	3.8	3.6	4.2	4.6	4.2
BARLENNIUM	6.0	4.3	4.2	3.7	3.3	3.8	4.3	4.7	4.2
BREA (04-BRE)	6.7	5.0	4.3	3.3	3.5	3.8	4.4	4.4	4.2
DELAWARE XL (PICK 01-2)	7.3	4.7	3.9	3.4	3.8	4.0	4.3	4.3	4.2
HAWKEYE 2 (SRX 4692)	6.7	5.3	4.2	3.8	3.5	3.8	4.2	4.3	4.2
PALACE (IS-PR 273)	5.0	4.7	4.1	3.8	3.4	3.8	4.3	4.6	4.2
SUNSHINE 2	6.7	4.7	3.9	3.3	3.8	3.8	4.4	4.3	4.2
ACCENT II (JR-119)	7.0	4.3	4.0	3.7	3.3	3.6	4.3	4.4	4.1
PICK 02-R	7.0	4.7	4.0	3.6	3.5	3.7	4.3	4.3	4.1
PREMIER	7.0	4.0	3.4	2.9	3.7	3.8	4.2	4.3	4.0
LINN	6.7	2.3	2.7	2.8	2.8	3.4	3.4	3.5	3.3
LSD VALUE	2.6	0.8	1.7	3.4	9.6	9.2	8.9	9.1	8.3
C.V. (%)	10.7	16.6	21.9	24.4	46.0	42.5	37.9	37.5	34.6

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

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

3/ TURFGRASS QUALITY RATED IN 2005-07 AND 2009.

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

TABLE 20. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/
2005-07 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
REVENGE GLX (JR-348)	7.0	6.0	7.1	4.3	4.4	3.4	2.8	4.1	4.9	5.0	4.7
ACCENT II (JR-119)	7.7	6.2	6.7	4.7	4.4	3.1	2.6	3.8	4.7	4.8	4.6
ASP6006 (LPFG)	8.7	6.3	6.9	4.0	4.2	3.6	2.4	3.9	4.7	4.6	4.6
CITATION FORE	6.0	6.0	7.0	4.5	4.3	3.2	2.8	4.0	4.8	4.7	4.6
BAR LP 4317	7.7	5.7	6.9	4.3	4.0	3.2	2.6	3.4	4.9	4.8	4.5
CADDIESHACK II (JR-163)	8.0	6.0	6.7	4.2	4.4	3.7	2.3	3.8	4.1	4.7	4.5
LINE DRIVE GLS (APR 1797)	6.7	6.2	6.8	4.2	4.6	3.7	2.7	3.8	4.4	4.3	4.5
PST-2BLK	5.3	6.0	7.0	4.5	4.2	3.1	3.0	3.6	4.7	5.0	4.5
RINGER II (04-BEN)	7.7	6.5	6.6	3.7	3.8	3.1	2.8	4.0	4.8	4.9	4.5
SECRETARIAT II GLSR (LTP-101-GLSR)	6.7	5.7	6.4	4.3	4.8	3.2	2.4	3.6	4.6	4.9	4.5
SRX 4682	7.0	5.8	6.9	3.8	4.2	3.3	2.9	3.8	4.7	5.0	4.5
CHIVALRY (APR 1648)	6.3	5.7	6.8	4.5	4.8	3.6	2.3	3.2	4.0	4.3	4.4
PLATEAU (PST-2LAN)	7.0	6.5	6.9	4.3	4.2	2.9	2.6	3.2	4.4	4.3	4.4
TRANSFORMER (D04-1667)	8.0	6.2	6.6	3.7	3.9	2.9	2.8	4.0	4.3	4.3	4.4
BRIGHTSTAR SLT	7.7	6.3	6.7	4.2	3.9	2.7	2.0	3.6	4.6	4.4	4.3
D04-LP05	7.3	6.0	6.4	3.8	3.8	2.8	2.6	3.7	4.2	4.6	4.3
LPR 02203	5.7	5.5	6.1	3.8	3.9	2.9	2.6	3.8	4.8	4.9	4.3
LS 2300 (APR 1670)	7.0	6.2	6.6	4.2	3.7	3.3	2.1	3.4	4.3	4.6	4.3
MMW	6.7	6.3	6.7	4.7	5.2	3.4	2.3	2.9	3.8	3.9	4.3
PIZZAZZ	6.7	6.7	6.4	4.0	4.2	2.7	2.3	3.6	4.1	4.3	4.3
PST-2AG4	6.0	5.7	6.8	4.2	3.7	2.9	2.7	3.4	4.4	4.8	4.3
QUICKSILVER	5.7	6.2	7.1	4.7	4.0	3.1	2.2	3.3	4.2	4.3	4.3
SILVER DOLLAR	6.0	5.8	6.9	4.3	3.7	2.8	2.3	3.4	4.6	4.8	4.3
MAJESTY II (VB77)	8.7	6.3	6.8	3.7	4.0	2.8	2.1	3.4	3.8	4.1	4.2
MANHATTAN 5 GLR (PST-2AM)	7.7	6.3	7.1	4.5	3.4	2.6	2.7	3.4	3.9	3.8	4.2
NOTABLE (AF)	7.0	6.0	6.3	4.0	4.3	3.2	2.2	3.3	4.0	4.4	4.2
EXACTA II GLSR (LTP-611-GLSR)	8.0	6.2	6.6	3.7	4.3	2.9	1.9	3.0	4.0	4.1	4.1
GOALKEEPER II (JR-114)	8.0	6.2	6.9	3.7	3.4	2.6	2.3	3.2	4.0	4.2	4.1
GRAND SLAM 2 (PST-2GSM)	7.0	6.0	6.7	3.8	4.2	2.8	2.2	2.8	4.2	4.2	4.1
HAWKEYE 2 (SRX 4692)	6.7	6.3	6.4	3.8	3.9	3.3	2.2	3.4	3.9	3.8	4.1
PALMER GLS (GL-2)	6.7	5.8	6.9	4.0	4.1	3.1	2.1	3.0	3.6	3.8	4.1
REPELL GLS	7.7	6.0	6.4	4.0	3.8	2.6	2.1	3.3	4.3	4.1	4.1
TOP GUN II (JR-324)	8.0	6.5	6.4	3.7	3.8	2.6	2.3	3.3	3.9	4.0	4.1
TR47	7.0	6.5	6.7	4.2	4.3	3.3	2.2	3.1	3.3	3.4	4.1
WIND DANCE 2 (PWDR)	7.0	6.0	6.7	3.5	3.9	2.9	2.3	3.6	3.7	4.1	4.1
ATTRIBUTE (IS-PR 270)	6.7	5.3	6.3	3.7	3.8	2.4	2.3	3.3	4.1	4.0	4.0
BACCARAT (RAD-PR8)	8.0	6.2	6.3	4.0	4.3	2.8	1.8	2.9	3.3	3.7	4.0
DP 17-9788	7.0	5.8	6.2	3.7	3.9	3.2	1.9	3.1	4.0	4.0	4.0
E-99	8.0	6.0	6.6	3.7	4.2	3.0	2.0	2.7	3.2	3.7	4.0
ES45	8.0	6.3	6.4	3.8	3.6	2.7	1.7	2.9	4.0	4.3	4.0
GRAY FOX (PST-2MNG)	6.7	5.8	6.4	4.2	4.0	2.8	2.1	2.9	3.9	3.8	4.0
HALO (KN42)	5.7	6.0	6.6	4.0	3.9	2.6	2.0	3.6	4.0	4.0	4.0
HOMERUN (RG3P)	7.0	6.2	6.9	4.0	4.0	3.2	1.4	2.7	3.7	3.8	4.0
INSPIRE	6.0	6.2	6.8	3.2	3.9	3.2	2.1	3.3	3.7	3.3	4.0
PROTOTYPE (DCM)	6.3	6.2	6.3	3.7	4.1	3.2	1.8	3.1	4.0	4.0	4.0
REGAL 5 (IS-PR 271)	8.3	6.0	6.2	3.8	4.3	2.6	1.8	3.1	3.7	3.7	4.0
UNO (D04-11T)	8.0	5.8	6.6	3.7	3.9	2.7	2.0	3.1	3.4	3.9	4.0

TABLE 20. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/
2005-07 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ASP6001 (RTS)	7.7	6.2	6.6	3.5	3.3	2.2	2.1	2.9	3.8	3.9	3.9
BAR LP 4920	7.0	5.5	6.7	3.5	4.1	2.9	1.7	2.9	3.3	3.8	3.9
BARLENNIUM	7.3	5.8	6.2	3.7	3.3	2.3	2.0	3.1	4.0	4.2	3.9
CUTTER II (PM 101)	6.3	6.0	6.7	4.3	4.0	2.3	1.9	2.7	3.6	4.1	3.9
DART (APR 1663)	6.3	5.8	6.2	4.2	3.9	3.0	1.9	2.9	3.6	3.9	3.9
DELAWARE XL (PICK 01-2)	6.7	6.2	6.4	3.8	3.6	2.2	2.0	2.9	3.8	4.0	3.9
FIJI (GPR)	6.7	5.2	6.1	4.0	4.7	2.4	2.1	2.8	3.7	3.6	3.9
FIREBOLT (PRG HS-01-09)	7.7	6.3	6.4	3.5	3.4	3.0	2.0	3.0	3.4	3.9	3.9
MONTEREY 3 (JR-408)	6.0	5.8	6.7	4.2	3.6	2.6	1.8	3.2	3.9	3.9	3.9
PENTIUM	7.0	6.2	6.4	3.7	4.2	2.6	2.1	2.7	3.4	3.3	3.9
PINNACLE	6.0	5.0	5.4	3.8	3.3	2.9	2.6	3.4	4.1	3.9	3.9
PINNACLE II	5.7	6.3	6.6	3.7	3.6	2.4	1.9	2.9	3.8	3.9	3.9
PM 102	6.7	6.5	6.7	3.8	3.8	2.7	1.6	2.8	3.6	4.0	3.9
PREMIER	6.0	4.8	5.3	3.7	3.2	2.6	2.6	3.6	4.2	4.9	3.9
PRIMARY (IS-PR 269)	6.3	5.8	6.3	3.8	3.9	2.7	2.1	3.3	3.7	3.7	3.9
SR 4600 (SRX 4SP)	7.3	6.0	6.7	3.8	3.8	2.6	1.9	3.2	3.6	3.7	3.9
1G SQUARED (APR 1664)	7.0	6.2	6.2	3.8	3.9	2.8	1.8	2.7	3.1	3.3	3.8
AFFINITY	6.0	5.3	5.7	3.7	4.0	3.1	1.7	2.7	3.9	4.0	3.8
APPLE GL (AAZ-B104)	8.0	6.3	6.1	3.7	3.4	2.4	2.2	2.9	3.1	3.1	3.8
ASP6005 (AJM)	6.7	5.7	6.3	3.5	3.7	3.1	1.9	2.8	3.6	3.7	3.8
BAR LP 4420	6.7	5.7	6.6	3.2	3.3	2.3	1.6	3.1	4.0	4.0	3.8
CALYPSO 3 (MS2)	7.3	5.5	6.4	3.8	3.7	2.6	1.8	3.1	3.6	3.4	3.8
FIESTA 4 (PICK F4)	6.7	6.0	6.6	3.5	3.8	2.8	1.8	2.9	3.1	3.3	3.8
KOKOMO II (IS-PR 235)	7.3	6.0	6.0	4.0	4.0	2.2	2.3	3.0	3.4	3.3	3.8
NEXUS XD (SP4)	8.0	6.3	6.6	3.5	3.6	2.3	1.7	2.7	3.4	3.6	3.8
NEXUS XR (SNR)	6.3	6.0	6.2	3.8	3.6	2.3	1.7	2.8	3.9	4.2	3.8
PANTHER	7.0	5.7	6.2	3.3	3.2	2.3	2.0	3.0	3.8	3.8	3.8
ALLSTAR 3 (IS-PR 274)	7.7	5.8	5.9	3.8	4.4	2.7	2.0	2.6	3.1	2.9	3.7
AMAZING GS (IS-PR 276)	7.3	6.2	6.3	3.7	4.2	2.6	1.7	2.2	2.9	3.0	3.7
ASP6002 (BPR)	7.3	6.3	6.6	3.8	3.2	2.3	1.6	2.6	3.3	3.4	3.7
ASP6004 (EXS54)	8.7	6.2	6.1	3.0	4.0	2.7	1.7	2.6	3.1	3.3	3.7
BUENA VISTA	6.0	5.5	6.1	3.3	3.6	2.2	2.1	2.7	3.7	3.7	3.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	5.5	6.0	4.2	3.8	2.7	1.8	2.7	3.3	3.6	3.7
DERBY XTREME (IS-PR 268)	5.7	5.5	6.4	3.5	3.3	2.6	1.9	3.0	3.4	3.4	3.7
FUSION	6.7	5.8	6.0	3.8	4.2	3.1	1.4	2.3	3.0	3.1	3.7
KEYSTONE 2 (IS-PR 312)	6.3	5.8	6.4	3.7	3.7	2.3	2.1	2.6	3.2	3.3	3.7
LA QUINTA (JR-255)	7.3	6.0	5.9	3.7	3.8	2.4	1.9	2.9	3.3	3.4	3.7
PACESETTER II (PS-2)	7.0	5.5	6.1	3.3	4.1	2.2	1.8	2.8	3.0	3.6	3.7
PALACE (IS-PR 273)	7.7	6.3	6.6	3.3	4.3	2.8	1.4	2.2	3.0	3.1	3.7
PALMER III	6.3	6.2	6.1	3.5	3.2	2.3	2.0	2.7	3.2	3.9	3.7
PALMER V (RNS)	6.0	5.8	6.2	4.0	4.2	2.4	2.1	2.9	3.1	3.0	3.7
PARAGON GLR	8.3	6.0	6.3	3.2	3.6	2.9	2.0	2.6	2.9	2.9	3.7
PHENOM (APR 1660)	6.0	5.5	6.1	3.3	3.7	2.3	1.8	3.0	3.8	3.4	3.7
PIANIST (DP 17-9505)	7.7	5.8	6.4	3.3	4.0	2.4	1.6	2.4	3.2	3.6	3.7
PREMIER II	6.7	5.8	6.3	3.7	3.1	1.9	1.8	2.9	3.9	3.9	3.7
PST-217	7.7	5.7	6.3	3.8	3.6	2.4	2.0	2.3	3.2	3.6	3.7
SOPRANO (DP1)	7.0	5.8	6.6	3.7	3.9	2.2	1.6	2.6	3.6	3.2	3.7

TABLE 20.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/
2005-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
STELLAR GL (IS-PR 236)	7.7	6.0	6.3	3.8	3.9	2.4	1.6	2.4	3.0	3.4	3.7
VB99	8.0	6.3	6.6	3.8	3.9	2.1	1.4	2.4	3.0	3.0	3.7
ASP6003 (TRS)	7.3	6.0	6.4	3.7	3.8	2.0	1.4	2.6	2.8	3.1	3.6
BREA (04-BRE)	8.0	6.0	6.7	3.3	2.7	1.9	1.7	2.6	3.3	3.6	3.6
DEFENDER (D04-UP)	7.3	6.3	6.2	3.3	3.2	2.4	1.8	2.6	3.1	3.2	3.6
EDGE II (AC2)	6.3	5.3	6.6	3.8	3.6	2.3	1.4	2.7	3.0	3.3	3.6
GALATTI (DP 17-9502)	6.3	5.8	6.6	3.3	4.0	2.3	1.8	2.2	3.0	3.4	3.6
PANTHER GLS	7.3	5.8	6.4	3.7	4.0	2.6	1.7	2.3	2.7	2.7	3.6
SUNSHINE 2	6.0	5.7	6.2	3.5	3.8	2.2	1.7	3.1	3.3	3.2	3.6
CABO II (IS-PR 233)	7.7	6.2	5.9	3.3	3.6	2.1	1.6	2.3	3.0	3.0	3.5
DASHER 3 (PICK RB-1)	7.3	6.5	6.2	3.5	3.4	2.2	1.7	2.1	3.0	2.8	3.5
GRAY STAR (PST-2LGL)	5.3	5.5	6.4	4.0	3.3	2.1	1.8	2.4	3.0	3.2	3.5
HEADSTART 2	7.3	6.2	6.1	3.8	3.6	2.2	1.4	2.3	2.9	2.6	3.5
WAYFARER (L44)	8.0	6.2	6.3	3.8	3.7	1.8	1.3	2.2	3.0	3.2	3.5
ZOOM (LCK)	8.3	6.7	6.2	3.8	3.8	2.0	1.4	2.2	2.3	2.6	3.5
OVERDRIVE	6.7	6.3	6.1	3.3	3.7	2.0	1.4	2.2	2.8	2.8	3.4
PALMER IV	7.0	5.8	5.9	3.5	3.8	2.1	1.7	2.3	2.6	2.7	3.4
PLEASURE SUPREME (PM 103)	7.3	5.8	6.0	3.7	3.1	2.0	1.7	2.6	2.9	2.8	3.4
MACH I	7.0	6.0	5.9	3.3	3.6	2.2	1.6	2.0	2.6	2.6	3.3
PICK 02-R	6.0	6.0	5.9	3.3	3.7	2.3	1.3	1.9	2.4	2.7	3.3
PRESIDIO (CNV)	6.3	5.5	5.8	3.7	3.8	1.9	1.4	2.2	2.7	2.4	3.3
PROTEGE GLR	7.7	6.0	6.2	3.8	2.8	2.0	1.3	2.0	2.4	3.0	3.3
FOREVER (DP 17-9499)	7.3	5.5	6.0	3.2	3.4	1.4	1.3	1.8	2.4	2.8	3.1
HARRIER (SRX 4UP3)	7.0	5.3	5.9	3.2	3.1	1.8	1.6	1.9	2.4	2.7	3.1
LINN	6.0	3.8	3.7	3.0	2.4	1.9	2.1	2.8	3.7	3.9	3.1
LSD VALUE	5.1	12.6	11.5	6.5	2.5	3.1	2.4	6.0	10.5	11.5	6.3
C.V. (%)	18.5	30.3	32.2	30.7	31.4	49.4	56.0	57.9	64.5	66.2	34.6

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

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

3/ TURFGRASS QUALITY RATED IN 2005-07.

TABLE 21.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
HOMERUN (RG3P)	6.1	6.1	6.1	6.6	6.8	7.0	7.3	7.3	7.2	6.6	6.4	6.3	6.7
APPLE GL (AAZ-B104)	5.9	5.9	6.1	6.8	6.8	6.8	7.3	7.2	7.2	6.5	6.1	6.1	6.6
DERBY XTREME (IS-PR 268)	5.9	6.0	6.2	6.5	6.7	6.7	7.2	7.3	7.5	6.6	6.1	6.1	6.6
KOKOMO II (IS-PR 235)	6.1	6.3	6.0	6.4	6.9	6.7	7.3	7.2	7.5	6.4	6.1	6.2	6.6
UNO (D04-11T)	5.9	6.1	6.2	6.5	6.9	6.9	7.4	7.1	7.2	6.6	6.2	6.3	6.6
ALLSTAR 3 (IS-PR 274)	6.0	6.1	6.1	6.6	6.8	6.8	7.3	7.1	7.3	6.5	6.1	6.0	6.5
ATTRIBUTE (IS-PR 270)	5.9	5.9	6.0	6.7	6.9	6.7	7.3	7.1	7.3	6.3	5.8	5.8	6.5
CABO II (IS-PR 233)	6.1	6.1	6.1	6.6	6.9	6.7	7.1	7.1	7.3	6.5	6.1	6.1	6.5
CUTTER II (PM 101)	5.8	5.7	5.9	6.5	6.7	6.9	7.7	7.3	7.1	6.4	6.0	5.9	6.5
EXACTA II GLSR (LTP-611-GLSR)	5.7	5.7	5.9	6.6	6.9	6.5	7.3	7.2	7.1	6.5	6.2	6.2	6.5
FIESTA 4 (PICK F4)	5.7	6.0	5.7	6.5	6.8	6.8	7.5	7.1	7.2	6.5	6.3	6.2	6.5
FIJI (GPR)	5.5	5.5	5.8	6.5	6.7	7.0	7.5	7.3	7.1	6.5	6.2	6.0	6.5
OVERDRIVE	5.7	5.7	5.9	6.4	6.7	6.9	7.7	7.3	7.2	6.5	5.9	5.9	6.5
PALMER V (RNS)	5.9	5.9	6.0	6.4	6.7	6.7	7.4	7.1	6.9	6.5	5.9	6.1	6.5
PARAGON GLR	5.9	5.7	6.0	6.3	6.9	6.7	7.5	7.2	7.1	6.3	6.3	6.3	6.5
PROTEGE GLR	5.8	6.1	5.9	6.7	6.8	6.5	7.2	7.1	7.3	6.3	6.2	6.1	6.5
REGAL 5 (IS-PR 271)	6.1	6.2	6.2	6.7	6.8	6.7	7.1	7.2	6.7	6.2	6.1	6.0	6.5
VB99	5.4	5.7	5.8	6.6	6.9	6.9	7.5	7.3	7.3	6.5	6.0	6.0	6.5
ZOOM (LCK)	6.1	5.9	5.9	6.6	6.7	6.7	7.4	7.0	7.1	6.6	6.1	6.0	6.5
BUENA VISTA	5.9	5.7	5.9	6.5	6.7	6.6	7.3	7.1	7.1	6.3	6.0	6.0	6.4
DASHER 3 (PICK RB-1)	5.6	5.8	6.0	6.5	6.8	6.5	7.3	6.9	6.8	6.4	5.9	5.8	6.4
DEFENDER (D04-UP)	5.9	5.7	5.9	6.3	6.5	6.1	7.1	6.7	7.0	6.5	6.3	6.1	6.4
PALACE (IS-PR 273)	5.8	5.9	5.9	6.5	6.7	6.4	7.2	7.3	7.0	6.3	5.8	5.8	6.4
PALMER IV	5.8	5.9	6.1	6.5	6.6	6.3	7.2	7.1	7.2	6.3	6.1	6.1	6.4
STELLAR GL (IS-PR 236)	5.8	5.7	5.9	6.5	6.7	6.7	7.1	6.9	7.1	6.5	6.1	6.0	6.4
SUNSHINE 2	5.4	5.5	5.9	6.3	6.7	6.5	7.4	7.0	7.1	6.5	6.0	5.9	6.4
TRANSFORMER (D04-1667)	5.7	5.7	5.8	6.5	6.9	6.8	7.3	7.2	6.9	6.2	5.9	6.1	6.4
AMAZING GS (IS-PR 276)	5.7	5.7	5.7	6.4	6.7	6.5	7.2	6.8	6.9	6.3	6.1	5.9	6.3
ASP6003 (TRS)	5.3	5.4	5.7	6.4	6.7	6.8	7.2	7.1	6.9	6.3	5.7	5.7	6.3
CALYPSO 3 (MS2)	5.5	5.4	5.8	6.5	6.5	6.5	7.1	7.1	7.0	6.3	5.7	5.7	6.3
CHIVALRY (APR 1648)	5.7	5.9	5.6	6.1	6.6	6.7	7.2	7.1	7.0	6.3	5.9	5.8	6.3
FIREBOLT (PRG HS-01-09)	5.5	5.5	5.7	6.3	6.7	6.6	7.4	6.9	7.0	6.1	6.0	5.8	6.3
KEYSTONE 2 (IS-PR 312)	5.5	5.5	5.8	6.3	6.7	6.4	7.1	7.0	7.0	6.2	6.0	5.7	6.3
LINE DRIVE GLS (APR 1797)	5.6	5.7	5.9	6.5	6.6	6.9	7.1	6.9	6.9	6.2	5.7	5.8	6.3
MACH I	5.6	5.7	6.1	6.3	6.7	6.5	7.1	6.9	6.9	6.3	5.9	5.9	6.3
PICK 02-R	5.2	5.3	5.6	6.6	6.7	6.7	7.2	7.1	7.1	6.3	5.7	5.7	6.3
PRIMARY (IS-PR 269)	5.6	5.6	5.9	6.5	6.7	6.6	6.8	6.8	6.9	6.3	5.8	5.9	6.3
SOPRANO (DP1)	5.7	5.5	5.9	6.4	6.7	6.4	7.2	7.0	7.0	6.4	5.9	5.7	6.3
SR 4600 (SRX 4SP)	5.7	5.9	5.8	6.2	6.5	6.5	7.1	6.9	7.1	6.3	5.9	6.0	6.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.5	5.3	5.5	6.1	6.6	6.4	7.2	6.9	6.9	6.3	6.0	5.9	6.2
D04-LP05	5.5	5.6	6.0	6.3	6.7	6.3	6.8	6.9	6.8	6.3	6.0	5.9	6.2
EDGE II (AC2)	5.3	5.3	5.7	6.2	6.5	6.7	7.1	7.0	6.9	6.4	5.9	5.7	6.2
FUSION	5.5	5.3	5.7	6.4	6.7	6.5	7.3	6.5	6.7	6.1	5.5	5.7	6.2
HALO (KN42)	5.1	5.4	5.7	6.5	6.9	6.7	7.1	6.9	7.0	6.1	5.9	5.7	6.2
MAJESTY II (VB77)	5.3	5.5	5.5	6.4	6.8	6.6	7.0	7.1	6.8	6.1	5.7	5.7	6.2
MMW	5.8	5.5	5.7	6.4	6.6	6.4	6.9	6.7	6.9	6.1	5.7	5.6	6.2
PACESETTER II (PS-2)	5.3	5.4	5.6	6.5	6.7	6.5	7.0	6.7	6.8	5.8	5.7	5.7	6.2

TABLE 21. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PALMER GLS (GL-2)	5.8	5.7	5.7	6.3	6.4	6.3	6.9	6.6	6.6	6.1	5.7	5.8	6.2
PANTHER GLS	5.5	5.4	5.4	6.5	6.7	6.7	7.1	7.0	7.1	6.2	5.7	5.7	6.2
PM 102	5.5	5.5	5.7	6.2	6.6	6.4	6.9	6.9	6.8	6.1	5.7	5.8	6.2
PRESIDIO (CNV)	5.0	5.2	5.7	6.3	6.7	6.5	7.3	6.9	6.9	6.2	5.9	5.8	6.2
RINGER II (04-BEN)	5.3	5.2	5.4	6.3	6.5	6.5	7.2	6.9	6.8	6.3	5.7	5.6	6.2
SECRETARIAT II GLSR (LTP-101-GLSR)	5.4	5.3	5.6	6.1	6.6	6.5	7.2	6.9	6.9	6.1	5.8	5.7	6.2
SILVER DOLLAR	5.6	5.5	5.8	6.3	6.5	6.5	7.0	6.9	6.7	6.1	5.8	5.8	6.2
TR47	5.3	5.3	5.7	6.2	6.5	6.6	7.0	6.7	6.9	6.2	6.1	5.8	6.2
WAYFARER (L44)	5.1	5.2	5.7	6.3	6.8	6.5	7.3	6.8	6.9	6.1	5.7	5.7	6.2
ASP6004 (EXS54)	5.1	5.3	5.8	6.3	6.6	6.3	7.1	6.8	6.8	6.0	5.9	5.6	6.1
ASP6005 (AJM)	5.2	4.9	5.5	6.3	6.5	6.3	6.9	6.8	6.8	6.0	5.8	5.6	6.1
BAR LP 4420	5.4	5.5	5.7	6.3	6.5	6.3	6.8	6.7	6.7	6.0	5.5	5.4	6.1
CADDIESHACK II (JR-163)	4.9	5.1	5.6	6.3	6.6	6.7	7.0	6.8	6.9	5.9	5.7	5.5	6.1
GALATTI (DP 17-9502)	5.2	5.0	5.4	6.4	6.5	6.5	7.3	7.0	6.5	6.0	5.5	5.4	6.1
GRAY FOX (PST-2MNG)	5.3	5.1	5.5	6.1	6.5	6.5	7.1	6.9	6.7	6.1	5.5	5.6	6.1
GRAY STAR (PST-2LGL)	5.2	5.1	5.7	6.5	6.4	6.1	6.7	6.7	6.9	6.2	5.7	5.5	6.1
HARRIER (SRX 4UP3)	5.3	5.5	5.6	6.3	6.5	6.1	6.8	6.7	6.9	5.9	5.7	5.7	6.1
LA QUINTA (JR-255)	5.0	5.0	5.7	6.3	6.7	6.6	7.2	7.1	6.9	6.1	5.6	5.6	6.1
NEXUS XD (SP4)	5.0	5.1	5.5	6.2	6.4	6.5	7.1	6.6	6.8	6.0	5.8	5.6	6.1
NOTABLE (AF)	5.3	5.2	5.7	6.4	6.7	6.6	6.9	7.0	6.9	6.1	5.5	5.5	6.1
PLATEAU (PST-2LAN)	5.3	5.3	5.5	6.2	6.6	6.6	6.9	6.9	6.7	6.1	5.6	5.7	6.1
PLEASURE SUPREME (PM 103)	5.2	5.3	5.7	6.6	6.6	6.5	7.0	6.9	6.7	6.1	5.5	5.5	6.1
PROTOTYPE (DCM)	5.5	5.3	5.5	6.2	6.5	6.4	6.9	6.7	6.7	6.2	5.9	5.8	6.1
REPELL GLS	5.8	5.5	5.5	6.1	6.7	6.3	6.8	6.7	6.6	6.1	5.8	5.7	6.1
REVENGE GLX (JR-348)	5.5	5.6	5.7	6.1	6.6	6.2	6.9	6.6	6.6	6.0	5.7	5.6	6.1
ASP6002 (BPR)	5.1	4.9	5.3	6.1	6.3	6.4	7.1	7.1	6.7	5.9	5.4	5.2	6.0
ASP6006 (LPFG)	5.2	5.1	5.5	6.3	6.7	6.4	7.0	6.6	6.7	6.0	5.5	5.3	6.0
CITATION FORE	5.4	5.3	5.6	6.3	6.3	6.3	6.9	6.8	6.5	5.7	5.4	5.5	6.0
DART (APR 1663)	5.3	5.3	5.3	6.1	6.4	6.2	6.7	6.7	6.7	6.2	5.6	5.5	6.0
DELAWARE XL (PICK 01-2)	5.3	5.1	5.4	6.4	6.4	6.3	6.7	6.7	6.6	6.0	5.8	5.8	6.0
ES45	5.1	5.1	5.4	6.3	6.5	6.5	7.1	6.6	6.7	6.1	5.6	5.5	6.0
GRAND SLAM 2 (PST-2GSM)	5.1	5.1	5.3	6.1	6.3	6.1	7.1	6.8	6.7	6.1	5.7	5.5	6.0
INSPIRE	5.4	5.1	5.5	6.3	6.3	6.3	6.8	6.7	6.7	6.1	5.6	5.4	6.0
LS 2300 (APR 1670)	5.5	5.3	5.3	6.0	6.4	6.5	6.5	6.5	6.8	5.9	5.4	5.7	6.0
MANHATTAN 5 GLR (PST-2AM)	5.3	5.2	5.5	6.1	6.5	6.4	6.9	6.9	6.7	6.0	5.5	5.6	6.0
NEXUS XR (SNR)	5.2	5.1	5.5	6.1	6.5	6.5	6.9	6.5	6.7	5.9	5.7	5.5	6.0
PHENOM (APR 1660)	5.5	5.1	5.5	6.0	6.3	6.2	6.8	6.7	6.7	5.9	5.6	5.5	6.0
PST-217	4.9	5.0	5.5	6.1	6.5	6.2	6.8	6.7	6.7	6.0	5.7	5.3	6.0
PST-2AG4	5.1	5.1	5.7	6.1	6.4	6.1	6.7	6.7	6.5	6.1	5.6	5.4	6.0
WIND DANCE 2 (PWDR)	5.2	4.9	5.4	6.2	6.3	6.3	7.0	6.6	6.7	5.9	5.6	5.4	6.0
1G SQUARED (APR 1664)	5.3	5.1	5.3	6.2	6.5	6.3	6.5	6.5	6.6	5.8	5.6	5.5	5.9
ASP6001 (RTS)	4.9	4.8	5.5	6.1	6.4	6.3	6.9	6.6	6.6	6.0	5.6	5.1	5.9
BACCARAT (RAD-PR8)	5.0	5.0	5.4	6.1	6.5	6.5	7.0	6.7	6.6	6.0	5.3	5.2	5.9
BAR LP 4920	5.3	5.1	5.2	6.0	6.3	6.0	6.9	6.3	6.7	6.0	5.6	5.5	5.9
BARLENNIUM	5.4	5.1	5.5	6.1	6.4	6.3	6.7	6.5	6.4	5.7	5.5	5.5	5.9
BREA (04-BRE)	5.0	5.1	5.5	6.1	6.4	6.0	7.0	6.6	6.6	5.9	5.7	5.5	5.9
E-99	5.3	5.1	5.2	6.0	6.5	6.3	6.6	6.6	6.5	6.1	5.3	5.5	5.9

TABLE 21. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
GOALKEEPER II (JR-114)	4.8	4.9	5.4	6.2	6.3	6.3	7.0	6.7	6.7	5.9	5.6	5.3	5.9
HEADSTART 2	5.0	4.9	5.4	6.1	6.4	6.3	6.9	6.7	6.7	5.8	5.3	5.2	5.9
MONTEREY 3 (JR-408)	4.9	4.9	5.1	6.1	6.5	6.4	6.8	6.9	6.9	6.0	5.5	5.2	5.9
PENTIUM	5.1	5.0	5.2	5.9	6.3	6.3	7.0	6.8	6.3	5.8	5.3	5.1	5.9
PIANIST (DP 17-9505)	5.1	5.0	5.1	6.1	6.3	6.0	6.9	6.7	6.6	5.9	5.4	5.3	5.9
PIZZAZZ	5.0	5.3	5.5	6.2	6.3	6.3	6.9	6.6	6.6	5.7	5.5	5.2	5.9
PST-2BLK	4.9	5.0	5.3	6.2	6.3	6.3	6.9	6.7	6.5	6.1	5.6	5.2	5.9
QUICKSILVER	4.9	4.9	5.5	6.1	6.3	6.3	6.7	6.5	6.5	5.9	5.4	5.3	5.9
TOP GUN II (JR-324)	5.1	5.1	5.3	6.1	6.5	6.3	6.8	6.5	6.7	5.8	5.3	5.0	5.9
ACCENT II (JR-119)	4.8	4.7	5.2	6.1	6.5	6.3	6.8	6.7	6.6	5.9	5.3	5.1	5.8
BRIGHTSTAR SLT	5.1	5.0	5.1	6.0	6.3	6.2	6.5	6.5	6.5	5.7	5.2	5.1	5.8
DP 17-9788	4.9	4.9	5.2	5.9	6.3	6.3	6.6	6.5	6.6	5.9	5.4	5.3	5.8
FOREVER (DP 17-9499)	4.9	5.1	5.5	6.1	6.3	6.1	6.8	6.4	6.4	5.8	5.3	5.3	5.8
PREMIER II	5.3	4.9	5.0	6.1	6.4	6.3	6.5	6.5	6.5	5.8	5.7	5.3	5.8
BAR LP 4317	4.9	4.8	5.1	5.9	6.3	6.0	6.4	6.2	6.4	5.7	5.3	5.3	5.7
HAWKEYE 2 (SRX 4692)	5.1	5.0	5.2	5.8	6.2	6.1	6.6	6.3	6.3	5.7	5.3	5.3	5.7
PALMER III	4.9	4.8	5.0	5.8	6.2	6.1	6.6	6.2	6.5	5.7	5.2	5.3	5.7
PINNACLE II	4.9	4.9	5.1	6.1	6.3	6.0	6.7	6.2	6.2	5.7	5.5	5.1	5.7
PREMIER	4.9	5.0	4.8	5.8	6.3	6.1	6.5	6.3	6.3	5.6	5.2	5.0	5.7
PANTHER	5.0	5.1	5.0	5.9	6.3	6.0	6.3	6.3	6.0	5.3	5.2	4.9	5.6
PINNACLE	5.1	4.9	4.7	5.5	6.1	6.2	6.6	6.3	6.3	5.5	5.1	5.2	5.6
AFFINITY	5.0	4.9	5.0	5.7	6.3	5.9	6.5	6.3	6.0	5.2	4.9	4.7	5.5
LPR 02203	4.5	4.3	4.9	5.7	6.2	5.9	6.5	6.2	6.2	5.3	5.1	4.7	5.5
SRX 4682	4.7	4.5	4.9	5.6	6.0	5.7	5.8	5.8	5.9	5.3	4.9	5.0	5.3
LINN	4.2	4.0	3.9	3.9	4.8	5.1	5.1	5.1	5.0	4.5	4.2	4.2	4.5
LSD VALUE	0.7	0.8	0.7	2.2	4.0	2.1	0.5	0.7	0.8	0.7	0.7	0.7	0.4
C.V. (%)	16.2	18.8	16.1	19.1	18.4	16.7	10.4	12.8	13.3	13.4	14.3	15.1	9.9

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

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

TABLE 22. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PALACE (IS-PR 273)	7.5	8.1	7.5	8.0	7.9	7.8	7.3	7.8
UNO (D04-11T)	7.5	7.8	7.5	7.8	8.1	8.0	6.7	7.7
ZOOM (LCK)	7.6	7.7	7.5	7.9	7.9	8.0	7.0	7.7
FIESTA 4 (PICK F4)	7.6	7.6	7.3	7.7	7.8	7.8	7.3	7.6
PALMER V (RNS)	7.2	7.6	7.7	7.9	8.1	7.5	7.0	7.6
AMAZING GS (IS-PR 276)	7.5	7.2	7.1	7.9	7.8	7.9	7.7	7.5
ASP6003 (TRS)	7.5	7.6	7.1	7.8	7.9	7.3	7.0	7.5
DERBY XTREME (IS-PR 268)	7.3	7.5	6.7	8.1	7.7	8.3	7.0	7.5
FIJI (GPR)	7.3	7.7	7.3	7.9	7.7	7.2	7.3	7.5
HOMERUN (RG3P)	7.5	7.8	7.5	7.6	7.7	7.3	7.3	7.5
REGAL 5 (IS-PR 271)	7.6	7.9	6.9	7.5	7.6	7.3	7.0	7.5
REVENGE GLX (JR-348)	6.6	7.3	7.5	8.3	8.1	7.7	7.3	7.5
ALLSTAR 3 (IS-PR 274)	7.4	7.5	7.1	7.6	7.5	7.6	7.3	7.4
ASP6002 (BPR)	7.3	7.6	6.9	7.3	8.1	7.0	7.3	7.4
NEXUS XR (SNR)	7.5	7.3	6.9	7.6	7.7	7.3	7.0	7.4
PALMER IV	7.1	6.8	7.3	7.8	8.1	7.6	7.3	7.4
SOPRANO (DP1)	7.3	7.2	6.6	7.8	8.2	7.7	7.0	7.4
ASP6004 (EXS54)	7.5	7.4	6.7	7.8	7.4	6.8	7.0	7.3
ASP6005 (AJM)	7.6	7.3	6.9	7.5	7.7	7.1	7.0	7.3
ATTRIBUTE (IS-PR 270)	6.9	7.2	7.1	7.8	7.5	7.6	7.3	7.3
CALYPSO 3 (MS2)	7.6	7.3	7.0	7.3	7.7	6.8	7.0	7.3
CUTTER II (PM 101)	7.4	7.5	7.2	7.5	7.4	6.8	7.0	7.3
KEYSTONE 2 (IS-PR 312)	6.8	7.3	7.4	7.8	7.7	7.0	7.0	7.3
MAJESTY II (VB77)	7.7	7.4	7.1	7.4	7.5	6.8	7.0	7.3
PLEASURE SUPREME (PM 103)	7.3	7.6	6.7	7.1	7.7	7.0	7.3	7.3
PRESIDIO (CNV)	7.5	7.3	7.1	7.7	7.4	7.0	7.0	7.3
STELLAR GL (IS-PR 236)	7.1	6.9	6.7	7.5	7.8	8.0	7.3	7.3
VB99	7.3	7.5	7.0	7.5	7.5	6.6	7.0	7.3
ASP6006 (LPFG)	7.4	7.1	7.1	7.6	7.5	7.0	6.7	7.2
CHIVALRY (APR 1648)	6.9	7.2	6.8	7.3	7.5	7.6	7.7	7.2
EXACTA II GLSR (LTP-611-GLSR)	6.7	6.7	7.1	7.7	7.8	7.3	7.7	7.2
FIREBOLT (PRG HS-01-09)	7.4	7.3	6.5	7.5	7.5	6.8	7.0	7.2
NEXUS XD (SP4)	7.3	7.2	7.1	7.1	7.5	6.8	7.0	7.2
PALMER GLS (GL-2)	6.9	7.0	6.9	7.9	7.8	7.2	7.0	7.2
PARAGON GLR	6.9	6.6	7.0	7.7	8.1	7.3	7.0	7.2
PINNACLE II	6.9	7.0	6.9	7.8	7.7	7.3	7.0	7.2
TOP GUN II (JR-324)	7.3	7.4	6.8	7.4	7.7	6.8	6.7	7.2
TR47	7.5	7.3	6.7	7.5	7.2	6.8	7.0	7.2
TRANSFORMER (D04-1667)	6.5	7.1	7.3	7.4	7.7	7.3	7.0	7.2
WIND DANCE 2 (PWDR)	7.1	7.3	6.7	7.3	7.8	6.8	7.3	7.2
KOKOMO II (IS-PR 235)	6.3	6.5	6.6	7.5	7.8	7.8	7.3	7.1
MACH I	7.0	6.8	6.9	7.1	7.7	6.9	7.0	7.1
MONTEREY 3 (JR-408)	7.3	7.4	6.7	7.0	7.1	6.8	7.0	7.1
NOTABLE (AF)	6.6	6.7	6.9	7.5	7.7	7.3	7.0	7.1
PICK 02-R	7.9	7.0	6.5	7.3	7.4	6.3	6.7	7.1
PROTOTYPE (DCM)	6.4	7.3	7.3	7.7	7.2	7.0	6.7	7.1
PST-2AG4	7.0	6.7	7.1	7.2	7.6	7.1	7.3	7.1

TABLE 22. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
SILVER DOLLAR	6.4	7.5	6.9	7.4	7.5	6.8	7.3	7.1
1G SQUARED (APR 1664)	6.7	6.5	6.8	7.6	7.4	7.1	6.7	7.0
ASP6001 (RTS)	6.9	7.1	6.7	7.3	7.4	6.6	6.7	7.0
DELAWARE XL (PICK 01-2)	7.3	7.0	6.7	7.1	7.3	6.7	7.0	7.0
EDGE II (AC2)	7.0	7.3	6.9	7.2	7.0	6.3	7.0	7.0
HALO (KN42)	6.9	7.4	6.9	7.3	7.1	6.6	7.3	7.0
INSPIRE	6.4	6.9	7.1	7.7	7.6	6.4	6.7	7.0
MMW	6.7	6.7	6.8	7.3	7.7	6.9	7.3	7.0
OVERDRIVE	6.6	7.2	7.1	7.6	6.9	6.4	7.0	7.0
PACESETTER II (PS-2)	7.2	7.0	6.9	7.0	6.9	6.5	7.3	7.0
PIZZAZZ	6.8	6.6	6.7	7.2	7.7	6.8	7.0	7.0
PRIMARY (IS-PR 269)	6.4	7.1	6.7	7.7	7.5	6.9	7.3	7.0
APPLE GL (AAZ-B104)	6.9	6.4	6.4	7.4	7.3	7.3	7.3	6.9
DASHER 3 (PICK RB-1)	7.3	6.5	6.5	7.1	7.3	6.8	7.0	6.9
FOREVER (DP 17-9499)	6.5	7.1	7.0	7.1	6.9	6.9	7.0	6.9
GALATTI (DP 17-9502)	6.9	7.3	6.7	7.1	7.0	6.7	6.7	6.9
GRAY FOX (PST-2MNG)	5.9	6.4	7.1	7.7	7.5	6.8	6.7	6.9
PANTHER GLS	6.8	6.8	7.0	7.4	7.1	6.5	6.7	6.9
PROTEGE GLR	6.7	6.3	6.4	7.5	7.4	7.4	7.0	6.9
SECRETARIAT II GLSR (LTP-101-GLSR)	6.2	6.8	7.0	7.5	7.1	6.6	7.0	6.9
WAYFARER (L44)	7.1	7.1	6.3	6.8	7.4	6.7	6.7	6.9
BUENA VISTA	6.7	6.7	6.1	7.1	7.0	7.0	7.0	6.8
CABO II (IS-PR 233)	7.2	6.9	6.3	6.7	6.9	6.2	6.7	6.8
D04-LP05	6.7	6.7	7.0	7.0	6.9	6.2	7.0	6.8
ES45	7.0	6.5	6.5	6.9	6.9	6.7	7.0	6.8
FUSION	6.7	6.9	6.5	7.1	6.8	6.5	7.0	6.8
GRAND SLAM 2 (PST-2GSM)	6.5	6.4	7.2	7.2	6.9	6.9	6.7	6.8
GRAY STAR (PST-2LGL)	7.2	6.8	6.5	6.9	6.9	6.3	6.3	6.8
PST-217	6.9	6.8	6.7	7.0	6.9	6.4	6.3	6.8
SUNSHINE 2	7.3	6.7	6.4	6.9	7.0	6.4	7.0	6.8
BACCARAT (RAD-PR8)	6.3	7.1	6.5	7.0	6.7	6.3	6.0	6.7
BREA (04-BRE)	6.3	6.7	6.5	6.9	6.9	6.5	6.7	6.7
CADDIESHACK II (JR-163)	6.9	6.7	6.6	7.1	6.9	5.8	6.0	6.7
DEFENDER (D04-UP)	6.3	6.3	6.4	7.2	7.2	6.5	6.7	6.7
HARRIER (SRX 4UP3)	6.2	6.1	6.6	7.3	7.1	6.9	7.3	6.7
LA QUINTA (JR-255)	6.9	6.5	6.4	7.0	6.9	6.3	7.0	6.7
MANHATTAN 5 GLR (PST-2AM)	5.9	6.7	6.8	7.3	6.9	6.4	6.3	6.7
QUICKSILVER	6.9	6.9	6.3	6.8	7.0	6.3	6.3	6.7
REPELL GLS	6.4	5.9	6.9	7.2	6.9	6.8	7.0	6.7
CITATION FORE	5.9	6.7	6.4	7.1	6.9	6.6	6.7	6.6
DART (APR 1663)	6.0	6.3	6.9	7.1	6.8	6.5	6.7	6.6
E-99	6.1	5.9	7.0	7.1	7.3	6.0	7.0	6.6
HAWKEYE 2 (SRX 4692)	5.9	6.7	6.9	7.2	6.7	6.3	6.3	6.6
HEADSTART 2	7.2	6.6	6.1	7.0	6.8	5.8	7.0	6.6
PENTIUM	6.2	6.9	6.9	6.8	6.5	6.1	6.0	6.6
PM 102	6.3	6.5	6.1	6.7	7.1	6.8	7.0	6.6
ACCENT II (JR-119)	6.4	6.8	6.7	7.0	6.3	6.0	6.3	6.5

TABLE 22. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BAR LP 4420	6.9	6.3	6.1	6.8	6.8	6.3	7.0	6.5
GOALKEEPER II (JR-114)	6.8	6.5	6.5	6.7	6.5	5.9	6.3	6.5
LINE DRIVE GLS (APR 1797)	6.3	6.5	6.7	6.9	6.5	5.8	6.3	6.5
PHENOM (APR 1660)	5.6	6.0	6.7	7.1	6.9	6.3	7.0	6.5
BRIGHTSTAR SLT	6.3	6.5	6.4	6.6	6.6	6.1	6.3	6.4
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.5	6.3	6.8	7.0	6.7	6.1	6.3	6.4
PALMER III	5.8	6.3	6.3	6.8	6.7	6.2	6.7	6.4
PLATEAU (PST-2LAN)	5.9	6.5	6.7	6.9	6.5	6.3	6.0	6.4
RINGER II (04-BEN)	6.1	6.1	6.3	6.9	6.6	6.2	6.7	6.4
SR 4600 (SRX 4SP)	5.7	5.9	6.1	6.9	7.1	7.0	6.7	6.4
BAR LP 4920	6.1	6.6	5.9	6.5	6.4	5.9	6.7	6.3
PST-2BLK	6.4	6.1	5.9	6.9	6.9	5.5	6.3	6.3
BAR LP 4317	6.4	6.5	6.2	6.4	6.4	5.3	5.7	6.2
PIANIST (DP 17-9505)	6.6	6.8	5.8	6.5	5.9	5.7	5.7	6.2
PREMIER II	5.7	6.3	6.2	6.6	6.6	5.8	6.0	6.2
DP 17-9788	5.9	6.4	6.0	6.5	6.1	5.7	5.7	6.1
BARLENNIUM	5.6	5.5	5.9	6.1	6.3	5.5	5.7	5.9
LS 2300 (APR 1670)	5.4	5.9	6.3	6.3	6.0	5.5	6.0	5.9
PANTHER	5.7	5.7	5.1	5.6	5.3	4.8	5.0	5.4
AFFINITY	4.7	5.6	5.5	5.5	5.3	4.8	4.7	5.2
LPR 02203	5.6	5.9	4.9	5.3	4.7	5.0	5.0	5.2
SRX 4682	4.8	5.1	4.8	5.5	5.5	4.9	5.3	5.1
PREMIER	4.3	5.1	5.2	5.0	4.8	4.3	5.0	4.8
PINNACLE	3.5	3.9	4.1	4.4	4.5	4.0	4.3	4.1
LINN	1.5	1.9	2.3	2.1	2.0	1.8	1.0	2.0
LSD VALUE	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.3
C.V. (%)	11.5	13.1	14.5	13.0	12.5	16.1	7.8	7.6

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

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

TABLE 23. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT QUEBEC CITY (CANADA), QE 1/
2005-06 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
1G SQUARED (APR 1664)	6.7	6.2	7.0	7.0	7.2	6.0	6.7
APPLE GL (AAZ-B104)	7.0	5.8	6.8	7.0	7.3	6.2	6.7
FIESTA 4 (PICK F4)	7.0	6.5	6.7	7.0	7.0	6.0	6.7
SILVER DOLLAR	7.3	6.5	7.2	7.0	7.0	5.5	6.7
CUTTER II (PM 101)	7.0	6.0	7.0	6.7	7.0	6.0	6.6
DERBY XTREME (IS-PR 268)	6.7	5.7	6.7	6.8	7.2	6.3	6.6
HARRIER (SRX 4UP3)	6.7	5.8	7.0	6.8	7.2	6.0	6.6
MACH I	6.7	6.2	6.8	6.8	7.0	6.2	6.6
PALMER V (RNS)	6.7	6.0	6.8	6.7	7.2	6.2	6.6
PHENOM (APR 1660)	6.7	6.3	6.8	7.2	7.0	5.8	6.6
REVENGE GLX (JR-348)	7.0	6.2	6.8	6.7	7.2	6.0	6.6
SR 4600 (SRX 4SP)	7.0	5.8	6.7	6.7	7.3	6.2	6.6
ZOOM (LCK)	6.7	5.8	6.8	6.3	7.5	6.2	6.6
ATTRIBUTE (IS-PR 270)	6.3	5.8	6.7	6.8	7.0	6.0	6.5
BAR LP 4920	7.0	6.2	7.2	6.8	6.5	5.5	6.5
D04-LP05	7.0	6.2	6.5	6.8	7.0	6.0	6.5
DEFENDER (D04-UP)	6.3	5.8	6.8	6.7	7.2	6.0	6.5
DELAWARE XL (PICK 01-2)	6.7	6.2	6.7	7.0	6.5	6.0	6.5
GRAY FOX (PST-2MNG)	7.0	6.2	7.0	7.2	6.7	5.2	6.5
PINNACLE II	7.0	5.8	6.7	7.0	7.0	5.8	6.5
PRIMARY (IS-PR 269)	6.7	6.0	7.0	6.5	7.0	6.0	6.5
PROTOTYPE (DCM)	6.7	6.0	6.8	6.7	7.0	5.7	6.5
UNO (D04-11T)	7.0	5.7	6.8	6.8	7.0	6.0	6.5
ALLSTAR 3 (IS-PR 274)	6.3	5.8	6.8	6.3	7.2	5.7	6.4
ASP6004 (EXS54)	7.0	6.0	6.7	6.5	7.0	5.8	6.4
BUENA VISTA	6.7	5.7	6.5	6.8	7.0	5.7	6.4
CHIVALRY (APR 1648)	7.0	5.8	6.2	6.3	7.2	6.2	6.4
EXACTA II GLSR (LTP-611-GLSR)	6.7	5.7	6.7	6.5	7.2	6.0	6.4
HOMERUN (RG3P)	6.7	6.0	6.7	6.5	7.0	5.8	6.4
NEXUS XD (SP4)	7.7	6.0	6.8	6.5	6.8	5.5	6.4
PALMER GLS (GL-2)	7.0	5.7	6.7	6.5	7.0	6.0	6.4
PALMER IV	6.0	5.8	6.8	6.7	6.8	6.0	6.4
PM 102	7.0	5.7	6.3	6.7	7.0	6.0	6.4
PRESIDIO (CNV)	6.3	5.8	6.8	6.5	7.0	5.8	6.4
VB99	6.7	6.0	6.5	6.7	7.0	5.8	6.4
WIND DANCE 2 (PWDR)	7.0	5.7	6.8	6.7	6.8	5.5	6.4
ASP6001 (RTS)	7.3	6.0	6.7	7.0	6.5	5.2	6.3
BAR LP 4317	6.3	6.0	7.2	6.8	6.5	5.0	6.3
BREA (04-BRE)	7.0	5.8	6.7	6.8	6.7	5.2	6.3
DART (APR 1663)	6.3	5.8	6.8	6.5	7.0	5.5	6.3
DASHER 3 (PICK RB-1)	6.7	5.3	6.5	6.3	7.0	6.0	6.3
EDGE II (AC2)	6.7	5.8	6.7	6.3	7.0	5.7	6.3
FOREVER (DP 17-9499)	6.7	5.8	6.7	6.3	7.0	5.7	6.3
GALATTI (DP 17-9502)	7.3	6.0	6.7	6.7	6.5	5.5	6.3
GRAND SLAM 2 (PST-2GSM)	6.7	5.8	6.7	6.8	6.7	5.5	6.3
GRAY STAR (PST-2LGL)	7.0	5.8	6.5	6.7	6.7	5.3	6.3
LA QUINTA (JR-255)	6.7	5.7	6.5	6.5	6.8	5.7	6.3

TABLE 23. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT QUEBEC CITY (CANADA), QE 1/
2005-06 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MAJESTY II (VB77)	6.7	5.7	6.7	6.5	6.8	5.5	6.3
NOTABLE (AF)	6.3	5.7	6.5	6.5	7.0	5.8	6.3
OVERDRIVE	6.7	5.8	6.7	6.5	6.8	5.7	6.3
PLATEAU (PST-2LAN)	6.3	5.7	6.8	6.8	6.7	5.3	6.3
PLEASURE SUPREME (PM 103)	7.3	6.0	6.7	6.5	6.5	5.7	6.3
PROTEGE GLR	6.7	5.3	6.3	6.5	7.0	6.0	6.3
PST-2BLK	7.0	5.8	6.5	6.8	6.7	5.3	6.3
AMAZING GS (IS-PR 276)	6.7	5.7	6.5	6.3	6.7	5.7	6.2
ASP6003 (TRS)	5.7	5.7	6.7	6.7	6.7	5.5	6.2
ES45	7.0	5.7	6.5	6.5	6.7	5.3	6.2
HALO (KN42)	7.0	5.8	6.5	6.7	6.3	5.5	6.2
INSPIRE	7.0	5.8	7.0	6.7	6.3	4.8	6.2
KEYSTONE 2 (IS-PR 312)	6.3	5.5	6.5	6.3	7.0	5.7	6.2
KOKOMO II (IS-PR 235)	6.0	5.5	6.5	6.3	7.0	5.8	6.2
MANHATTAN 5 GLR (PST-2AM)	6.3	6.0	6.7	6.3	6.8	5.2	6.2
MMW	6.3	5.2	6.5	6.5	6.8	5.7	6.2
PALACE (IS-PR 273)	6.3	5.5	6.5	6.5	6.8	5.7	6.2
REGAL 5 (IS-PR 271)	6.7	5.7	6.3	6.2	6.8	5.8	6.2
REPELL GLS	6.3	5.7	6.3	6.7	6.7	5.5	6.2
SUNSHINE 2	7.3	5.7	6.7	6.8	6.2	5.3	6.2
TRANSFORMER (D04-1667)	6.0	5.8	6.7	6.5	6.7	5.5	6.2
ASP6006 (LPFG)	6.7	5.8	6.2	6.2	6.5	5.3	6.1
CABO II (IS-PR 233)	6.3	5.3	6.5	6.0	6.8	5.5	6.1
CITATION FORE	6.3	5.5	6.7	6.3	6.5	5.3	6.1
E-99	6.3	5.5	6.5	6.3	6.7	5.5	6.1
LINE DRIVE GLS (APR 1797)	6.7	5.3	6.7	6.5	6.5	5.5	6.1
PIANIST (DP 17-9505)	6.0	5.7	6.7	6.7	6.3	5.3	6.1
SOPRANO (DP1)	6.7	5.3	6.2	5.8	7.0	6.0	6.1
TR47	6.7	5.5	6.5	6.2	6.8	5.5	6.1
ACCENT II (JR-119)	5.3	6.0	6.7	6.7	6.2	5.0	6.0
ASP6005 (AJM)	7.0	5.2	6.3	6.0	6.7	5.5	6.0
BRIGHTSTAR SLT	6.3	5.3	6.5	6.3	6.7	5.2	6.0
CALYPSO 3 (MS2)	6.3	5.3	6.7	6.2	6.5	5.2	6.0
DP 17-9788	6.3	5.7	6.7	6.7	6.3	4.7	6.0
FIJI (GPR)	6.3	5.2	6.7	6.5	6.3	5.2	6.0
FIREBOLT (PRG HS-01-09)	7.0	5.7	6.3	6.2	6.3	5.3	6.0
FUSION	6.0	5.2	6.3	6.2	6.7	5.5	6.0
GOALKEEPER II (JR-114)	6.7	5.7	6.3	6.5	6.0	5.0	6.0
PACESETTER II (PS-2)	6.3	5.7	6.8	6.3	6.2	5.0	6.0
PENTIUM	6.0	5.8	6.7	6.5	6.3	5.0	6.0
PICK 02-R	7.0	5.3	6.3	6.3	6.5	5.2	6.0
PST-217	6.3	5.2	6.3	6.3	6.7	5.3	6.0
PST-2AG4	6.3	5.2	6.3	6.0	6.7	5.7	6.0
QUICKSILVER	6.3	5.5	6.0	6.3	6.7	5.3	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	5.5	6.2	6.0	6.7	5.5	6.0
STELLAR GL (IS-PR 236)	6.3	5.2	6.0	6.5	6.5	5.8	6.0
BACCARAT (RAD-PR8)	6.0	5.5	6.5	6.2	6.3	5.0	5.9

TABLE 23. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT QUEBEC CITY (CANADA), QE 1/
2005-06 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BAR LP 4420	6.3	5.3	6.5	6.2	6.5	5.0	5.9
BARLENNIUM	6.3	5.5	6.8	6.3	5.8	4.8	5.9
CADDIESHACK II (JR-163)	6.3	6.0	6.7	6.7	5.7	4.3	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.3	5.2	6.2	6.3	6.7	5.2	5.9
HEADSTART 2	6.7	5.3	6.5	6.5	6.0	5.2	5.9
LS 2300 (APR 1670)	6.3	5.5	6.5	6.5	6.5	4.7	5.9
PANTHER GLS	5.7	5.2	6.5	6.2	6.5	5.2	5.9
PIZZAZZ	6.3	5.0	6.3	6.0	6.7	5.5	5.9
WAYFARER (L44)	6.3	5.2	6.5	6.0	6.7	5.0	5.9
ASP6002 (BPR)	6.3	4.8	6.0	6.0	6.7	5.2	5.8
HAWKEYE 2 (SRX 4692)	6.7	5.0	6.5	6.2	6.0	4.8	5.8
NEXUS XR (SNR)	6.3	5.2	6.0	6.0	6.3	5.3	5.8
PARAGON GLR	6.0	4.8	6.2	5.8	6.8	5.3	5.8
PREMIER II	6.0	5.5	6.7	6.3	6.0	4.7	5.8
PALMER III	5.7	5.3	6.3	6.3	6.0	4.8	5.7
RINGER II (04-BEN)	6.0	5.2	6.3	6.2	6.2	4.8	5.7
SRX 4682	6.0	5.0	6.5	6.2	6.2	4.8	5.7
TOP GUN II (JR-324)	6.0	5.0	6.0	6.0	6.3	4.8	5.7
LPR 02203	6.7	5.3	6.3	6.5	5.5	4.0	5.6
MONTEREY 3 (JR-408)	6.0	5.2	6.2	6.2	5.8	4.7	5.6
PANTHER	6.3	5.5	6.2	6.3	5.7	4.3	5.6
PREMIER	6.0	5.2	6.5	6.2	5.7	4.3	5.6
AFFINITY	5.7	5.0	5.7	6.2	5.7	4.2	5.4
PINNACLE	5.0	5.3	5.7	5.7	5.5	4.2	5.2
LINN	4.3	4.7	5.2	4.8	5.0	3.0	4.5
LSD VALUE	1.3	0.9	1.0	0.7	0.6	1.2	0.4
C.V. (%)	9.5	11.5	9.0	8.6	8.3	16.0	6.0

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.

3/ TURFGRASS QUALITY RATED IN 2005-06.

TABLE 24. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
ALLSTAR 3 (IS-PR 274)	6.5	6.3	6.0	6.2	5.9	6.7	7.2	6.7	6.4
REVENGE GLX (JR-348)	6.8	5.7	6.0	6.7	6.1	6.3	7.5	6.8	6.4
REGAL 5 (IS-PR 271)	6.2	6.8	6.3	5.9	5.6	6.8	6.5	6.5	6.3
UNO (D04-11T)	6.5	5.7	6.1	6.8	6.3	5.9	6.9	6.6	6.3
ASP6004 (EXS54)	5.8	6.3	5.8	6.1	5.9	5.9	7.0	6.4	6.2
ATTRIBUTE (IS-PR 270)	6.3	6.0	6.1	6.5	6.0	6.2	6.7	6.1	6.2
CALYPSO 3 (MS2)	6.7	6.1	5.8	5.5	5.7	6.1	7.5	6.4	6.2
FIESTA 4 (PICK F4)	6.2	5.7	5.9	6.6	5.6	6.1	7.1	6.7	6.2
HOMERUN (RG3P)	5.8	5.5	6.1	6.8	6.3	5.8	6.3	6.5	6.2
MMW	6.2	5.8	5.9	6.2	6.0	6.2	6.9	6.4	6.2
PROTEGE GLR	6.2	5.8	5.9	5.7	5.9	6.3	7.3	6.6	6.2
WIND DANCE 2 (PWDR)	6.3	6.4	6.0	5.7	5.9	6.3	6.9	6.7	6.2
AMAZING GS (IS-PR 276)	5.8	6.2	6.1	5.9	5.8	6.0	6.7	6.4	6.1
ASP6006 (LPFG)	6.0	6.3	5.8	5.4	5.4	5.9	7.3	6.4	6.1
DASHER 3 (PICK RB-1)	6.5	5.9	6.1	6.2	5.7	6.1	6.0	6.4	6.1
DERBY XTREME (IS-PR 268)	5.8	5.6	5.7	6.0	6.1	6.5	6.7	6.2	6.1
EDGE II (AC2)	6.2	6.0	6.2	5.8	5.9	5.9	6.7	6.4	6.1
EXACTA II GLSR (LTP-611-GLSR)	6.2	5.5	6.3	5.7	5.7	6.4	6.7	6.8	6.1
KEYSTONE 2 (IS-PR 312)	6.5	5.5	6.2	6.1	6.3	6.1	5.7	6.1	6.1
KOKOMO II (IS-PR 235)	6.5	5.4	5.7	6.3	6.1	6.3	6.6	6.6	6.1
NEXUS XD (SP4)	6.8	6.5	5.7	5.5	5.3	6.3	7.4	6.3	6.1
PALACE (IS-PR 273)	6.7	6.1	5.9	6.0	5.3	6.1	6.7	6.5	6.1
TR47	5.7	6.7	5.9	5.4	5.5	5.9	7.3	6.6	6.1
ZOOM (LCK)	6.0	5.8	6.1	6.1	5.7	6.4	6.5	6.2	6.1
ASP6003 (TRS)	6.0	6.0	6.0	5.7	5.5	6.0	6.7	6.1	6.0
CUTTER II (PM 101)	5.7	6.0	5.9	5.7	5.4	5.9	6.9	6.4	6.0
MAJESTY II (VB77)	5.8	5.8	6.0	5.8	5.5	5.8	6.8	6.3	6.0
NOTABLE (AF)	5.3	5.3	5.7	6.3	5.9	6.1	6.6	6.3	6.0
PALMER IV	6.2	5.8	5.8	5.9	5.3	6.2	6.9	6.3	6.0
PARAGON GLR	6.2	5.3	5.9	5.7	5.6	5.9	6.8	6.5	6.0
PRESIDIO (CNV)	6.0	6.0	5.8	5.5	5.4	6.3	7.1	6.3	6.0
PROTOTYPE (DCM)	6.0	5.7	6.1	5.8	6.2	5.9	6.5	6.3	6.0
SOPRANO (DP1)	6.7	5.8	6.0	5.9	5.1	6.0	6.7	6.5	6.0
APPLE GL (AAZ-B104)	6.0	5.3	5.8	5.4	6.2	5.9	6.4	6.3	5.9
ASP6001 (RTS)	5.8	6.5	5.6	5.5	5.5	6.2	6.5	5.9	5.9
ASP6002 (BPR)	5.3	6.0	5.8	5.3	5.3	5.9	6.7	6.1	5.9
CABO II (IS-PR 233)	5.8	5.9	5.7	5.7	5.7	5.5	6.6	6.1	5.9
FOREVER (DP 17-9499)	6.5	5.8	5.9	5.5	5.2	6.1	6.3	6.2	5.9
MACH I	6.3	5.8	5.9	5.5	5.7	5.7	6.3	6.5	5.9
PALMER V (RNS)	5.5	5.3	5.6	6.0	5.7	5.7	6.6	6.1	5.9
SR 4600 (SRX 4SP)	6.5	5.6	5.9	5.8	5.3	5.9	6.4	6.2	5.9
STELLAR GL (IS-PR 236)	5.8	5.4	5.7	6.0	6.0	6.0	6.4	5.9	5.9
TOP GUN II (JR-324)	5.8	6.5	5.9	5.4	5.5	5.6	6.5	6.3	5.9
VB99	6.3	6.1	6.1	5.5	5.5	5.7	6.6	6.1	5.9
WAYFARER (L44)	6.3	6.3	5.9	5.5	5.5	5.9	6.6	5.9	5.9
1G SQUARED (APR 1664)	5.8	5.3	6.0	5.7	5.7	5.9	6.2	6.0	5.8
ASP6005 (AJM)	6.7	6.3	5.6	5.2	5.1	5.5	6.8	6.0	5.8

TABLE 24. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.0	5.6	6.1	5.9	5.4	5.4	5.9	6.1	5.8
CHIVALRY (APR 1648)	5.3	5.3	5.5	6.6	5.3	5.7	6.2	5.8	5.8
FIJI (GPR)	6.0	6.0	5.7	5.5	5.2	5.7	6.7	6.3	5.8
FUSION	5.8	5.8	5.8	5.8	5.7	5.7	5.8	5.8	5.8
GRAND SLAM 2 (PST-2GSM)	6.7	5.8	5.7	5.9	5.7	5.7	5.9	5.9	5.8
HALO (KN42)	5.7	6.2	5.7	5.3	4.9	5.9	6.9	6.4	5.8
HARRIER (SRX 4UP3)	6.5	5.8	5.8	5.5	5.1	5.6	6.5	6.2	5.8
PANTHER GLS	6.5	5.3	5.7	6.2	5.5	5.5	6.1	5.9	5.8
PIZZAZZ	6.0	5.3	6.0	5.1	5.6	5.8	6.3	6.1	5.8
PLATEAU (PST-2LAN)	5.7	5.4	5.9	6.2	5.9	5.5	5.7	5.7	5.8
PLEASURE SUPREME (PM 103)	5.8	5.8	5.5	5.3	5.4	6.0	6.6	5.8	5.8
PM 102	6.2	5.9	5.8	5.1	5.1	5.6	6.7	6.3	5.8
SILVER DOLLAR	5.7	5.4	5.3	6.1	5.9	5.7	6.6	5.7	5.8
TRANSFORMER (D04-1667)	5.2	5.5	6.1	6.0	5.3	5.7	6.4	5.8	5.8
ACCENT II (JR-119)	5.5	5.8	6.0	5.6	5.2	5.4	6.1	5.6	5.7
BACCARAT (RAD-PR8)	5.8	5.3	5.7	5.7	5.5	5.5	6.3	6.3	5.7
BRIGHTSTAR SLT	6.0	5.6	5.9	6.2	5.4	5.5	5.9	5.9	5.7
BUENA VISTA	6.0	4.9	5.5	5.6	5.4	5.7	6.4	6.3	5.7
DEFENDER (D04-UP)	6.0	5.1	5.7	5.5	5.1	5.9	6.3	6.0	5.7
ES45	5.8	6.0	5.3	5.0	5.1	5.7	6.9	6.5	5.7
GRAY FOX (PST-2MNG)	5.5	5.3	5.4	5.7	5.9	5.9	5.9	5.8	5.7
LINE DRIVE GLS (APR 1797)	6.7	5.3	5.6	5.7	5.5	5.5	6.1	5.7	5.7
NEXUS XR (SNR)	5.5	6.0	5.3	5.1	5.1	6.0	6.6	6.4	5.7
OVERDRIVE	6.0	5.8	5.7	5.4	5.1	5.8	6.4	5.8	5.7
PICK 02-R	5.7	6.1	5.3	5.3	5.1	5.4	6.3	6.5	5.7
PINNACLE II	5.3	5.5	5.7	5.7	5.3	5.7	6.1	5.8	5.7
PRIMARY (IS-PR 269)	6.5	5.3	5.3	5.6	5.7	6.0	5.9	5.8	5.7
REPELL GLS	6.7	5.2	5.5	5.5	5.3	5.7	6.4	6.1	5.7
CADDIESHACK II (JR-163)	5.8	5.5	5.6	5.6	5.1	5.3	6.1	5.6	5.6
D04-LP05	5.5	5.3	5.5	5.5	5.5	5.7	6.3	6.0	5.6
DART (APR 1663)	6.0	4.5	5.5	5.8	5.9	5.5	6.0	5.8	5.6
E-99	5.7	4.8	5.5	6.1	5.8	5.6	5.7	5.5	5.6
GALATTI (DP 17-9502)	6.2	5.8	5.9	5.2	4.9	5.3	6.2	6.0	5.6
GRAY STAR (PST-2LGL)	5.5	5.8	5.5	5.6	4.9	5.7	6.1	5.9	5.6
HEADSTART 2	6.2	5.5	5.1	5.3	5.1	5.7	6.7	5.8	5.6
LS 2300 (APR 1670)	5.7	5.3	5.6	5.9	5.2	5.7	5.9	5.6	5.6
PACESETTER II (PS-2)	5.5	5.6	5.7	5.5	5.4	5.3	5.9	5.8	5.6
PALMER GLS (GL-2)	5.7	4.8	5.5	5.5	5.3	5.9	6.1	6.1	5.6
PST-217	5.5	5.7	5.5	5.6	5.4	5.5	5.9	6.0	5.6
SECRETARIAT II GLSR (LTP-101-GLSR)	6.0	5.3	5.9	6.0	5.0	5.2	5.8	5.3	5.6
SUNSHINE 2	5.3	6.0	5.5	4.8	4.9	5.7	6.7	5.7	5.6
BARLENNIUM	5.7	5.0	5.7	5.7	5.2	5.7	5.5	5.4	5.5
FIREBOLT (PRG HS-01-09)	5.7	5.8	5.4	4.7	4.7	5.6	6.4	6.2	5.5
MANHATTAN 5 GLR (PST-2AM)	5.3	5.1	5.7	5.7	5.3	5.5	5.5	5.4	5.5
PENTIUM	5.7	5.3	5.6	5.9	5.7	5.3	5.7	5.5	5.5
PST-2BLK	5.3	5.9	5.4	5.7	5.3	5.4	5.6	5.8	5.5
QUICKSILVER	5.2	5.4	5.8	5.4	5.2	5.4	6.0	5.8	5.5

TABLE 24. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
CITATION FORE	5.5	5.1	5.3	5.4	5.5	5.3	5.9	5.5	5.4
DELAWARE XL (PICK 01-2)	5.5	5.4	5.2	5.1	4.5	5.1	6.5	6.0	5.4
DP 17-9788	5.7	5.3	5.6	5.6	5.1	5.3	5.3	5.3	5.4
GOALKEEPER II (JR-114)	6.2	5.5	5.7	5.3	5.2	5.1	5.5	5.5	5.4
INSPIRE	5.7	5.0	5.4	5.5	5.4	5.4	5.8	5.3	5.4
PIANIST (DP 17-9505)	6.0	5.5	5.5	5.3	4.6	5.3	5.9	5.6	5.4
PST-2AG4	6.2	5.3	5.0	5.0	5.1	5.5	5.9	6.2	5.4
RINGER II (04-BEN)	5.0	4.8	5.1	5.3	5.1	5.5	6.1	5.7	5.4
SRX 4682	6.0	4.9	5.4	5.5	5.0	5.2	5.9	5.7	5.4
BAR LP 4317	5.7	4.9	5.5	5.7	5.1	5.3	5.2	5.3	5.3
BAR LP 4920	4.8	4.8	5.0	5.1	4.7	5.4	5.8	6.0	5.3
HAWKEYE 2 (SRX 4692)	5.0	5.3	5.2	5.1	5.1	5.5	5.7	5.5	5.3
LA QUINTA (JR-255)	5.3	5.5	5.7	5.5	4.5	5.0	6.3	5.0	5.3
MONTEREY 3 (JR-408)	4.7	5.6	5.0	5.0	5.1	5.6	5.7	5.8	5.3
PHENOM (APR 1660)	5.7	4.8	5.1	5.1	4.7	5.2	5.9	6.1	5.3
BREA (04-BRE)	5.2	5.1	4.9	4.7	4.7	5.6	6.1	5.5	5.2
PREMIER II	5.8	4.4	5.3	5.1	4.9	5.4	5.7	5.1	5.2
BAR LP 4420	4.8	5.2	4.9	5.1	4.6	5.0	5.8	5.7	5.1
PALMER III	4.7	4.5	5.1	4.4	4.9	5.0	5.5	5.5	5.0
PANTHER	5.0	4.3	5.5	5.1	4.8	5.1	5.2	5.1	5.0
AFFINITY	5.0	4.1	5.2	4.5	4.6	4.5	5.3	5.0	4.8
LPR 02203	4.5	3.9	4.8	4.1	4.3	4.4	4.9	4.6	4.5
PREMIER	5.3	4.0	5.0	4.3	4.2	4.3	4.6	4.8	4.5
PINNACLE	4.5	3.6	4.4	3.8	3.6	4.2	4.6	4.4	4.1
LINN	2.8	2.0	2.7	2.2	1.6	1.7	2.8	2.3	2.3
LSD VALUE	1.4	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.3
C.V. (%)	16.9	18.9	16.6	18.8	19.0	16.6	16.1	14.0	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 25. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/
2005-08 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CHIVALRY (APR 1648)	6.0	6.8	6.7	7.0	6.5	6.8	6.7	6.6
FOREVER (DP 17-9499)	5.0	6.8	6.9	6.7	6.5	6.3	6.3	6.5
KEYSTONE 2 (IS-PR 312)	5.3	6.7	6.9	6.7	6.3	6.6	6.6	6.5
PARAGON GLR	4.3	7.0	7.2	7.1	6.3	6.7	6.4	6.5
PINNACLE II	4.3	6.5	6.4	6.8	6.5	6.7	6.3	6.5
SUNSHINE 2	4.0	7.2	6.8	7.0	6.5	6.5	6.8	6.5
ZOOM (LCK)	5.0	6.7	6.7	6.0	6.2	6.7	6.9	6.5
ASP6004 (EXS54)	4.0	6.7	6.9	6.6	6.4	6.3	6.3	6.4
FIESTA 4 (PICK F4)	4.3	6.5	6.8	6.3	6.1	6.3	7.0	6.4
GALATTI (DP 17-9502)	5.0	6.3	6.3	6.6	6.3	6.6	6.4	6.4
PIZZAZZ	5.5	6.6	6.6	6.8	6.0	6.5	6.5	6.4
PRIMARY (IS-PR 269)	5.7	6.7	6.9	6.6	6.2	6.7	6.7	6.4
PROTOTYPE (DCM)	4.3	6.7	6.9	6.8	6.4	6.1	6.2	6.4
TOP GUN II (JR-324)	4.7	6.8	6.7	6.5	6.0	6.6	6.4	6.4
ALLSTAR 3 (IS-PR 274)	4.3	6.5	6.4	6.5	6.2	6.4	6.4	6.3
DELAWARE XL (PICK 01-2)	4.3	6.2	6.4	6.8	6.6	6.3	6.1	6.3
DERBY XTREME (IS-PR 268)	4.7	6.3	6.4	6.7	6.3	6.4	6.6	6.3
EXACTA II GLSR (LTP-611-GLSR)	4.3	5.8	6.2	6.2	6.4	6.5	6.7	6.3
MACH I	3.3	6.8	6.6	6.7	6.3	6.3	6.4	6.3
PALMER GLS (GL-2)	4.0	6.3	6.4	6.6	6.3	6.6	6.6	6.3
PLEASURE SUPREME (PM 103)	4.3	6.3	6.3	6.4	6.3	6.5	6.3	6.3
SOPRANO (DP1)	4.5	6.4	6.4	6.1	6.1	6.4	6.6	6.3
UNO (D04-11T)	4.0	6.5	6.4	6.7	6.4	6.5	6.6	6.3
VB99	4.3	6.3	6.4	6.4	6.3	6.7	6.7	6.3
AMAZING GS (IS-PR 276)	5.3	6.0	6.4	5.6	5.9	6.5	6.3	6.2
ATTRIBUTE (IS-PR 270)	4.0	6.4	6.3	6.5	6.1	6.1	6.1	6.2
CALYPSO 3 (MS2)	4.7	6.0	6.2	6.0	6.0	6.4	6.3	6.2
CUTTER II (PM 101)	5.0	6.3	6.2	6.7	6.2	6.3	6.1	6.2
EDGE II (AC2)	4.3	6.2	6.6	6.2	6.1	6.3	6.2	6.2
FIJI (GPR)	4.7	6.7	6.4	6.4	6.3	6.1	6.3	6.2
FIREBOLT (PRG HS-01-09)	4.5	6.6	6.4	6.3	6.1	6.3	6.1	6.2
NOTABLE (AF)	4.7	6.3	6.6	6.1	6.2	6.4	6.1	6.2
OVERDRIVE	5.3	6.5	6.1	6.2	6.3	6.2	6.0	6.2
PANTHER	5.0	6.5	6.6	6.2	6.1	5.9	5.6	6.2
PANTHER GLS	4.7	6.3	6.6	6.4	6.2	6.3	6.2	6.2
PENTIUM	4.7	6.3	6.7	6.7	6.4	6.1	6.0	6.2
PRESIDIO (CNV)	4.3	6.5	6.1	6.2	6.2	6.4	6.4	6.2
PROTEGE GLR	4.0	6.2	6.5	6.1	5.9	6.4	6.8	6.2
REVENGE GLX (JR-348)	4.5	6.2	6.3	6.1	6.0	6.4	6.8	6.2
SILVER DOLLAR	5.0	6.2	6.3	6.3	6.2	6.5	6.2	6.2
STELLAR GL (IS-PR 236)	4.7	6.2	6.3	6.1	6.3	6.3	6.3	6.2
TRANSFORMER (D04-1667)	5.0	6.2	6.3	6.3	6.2	6.3	6.3	6.2
ASP6005 (AJM)	4.0	6.5	6.2	6.1	5.9	6.5	5.9	6.1
BACCARAT (RAD-PR8)	5.0	6.5	6.6	6.7	6.2	5.9	5.6	6.1
BAR LP 4420	3.3	6.2	6.2	6.2	6.1	6.0	6.3	6.1
BAR LP 4920	4.3	6.2	6.4	6.5	6.2	6.0	6.2	6.1
BUENA VISTA	5.3	6.0	6.2	6.4	6.2	6.4	6.1	6.1

TABLE 25. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/
2005-08 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DASHER 3 (PICK RB-1)	4.0	6.4	6.5	6.1	6.0	6.2	6.4	6.1
FUSION	5.0	6.3	6.1	6.2	5.9	6.3	6.1	6.1
GOALKEEPER II (JR-114)	3.5	6.2	6.5	6.3	5.9	6.1	6.3	6.1
HOMERUN (RG3P)	5.5	6.5	6.2	6.4	6.2	6.0	6.0	6.1
PALACE (IS-PR 273)	4.7	6.7	6.6	6.3	6.1	6.1	6.2	6.1
PALMER V (RNS)	4.3	6.3	6.3	6.3	6.2	6.3	6.1	6.1
PHENOM (APR 1660)	5.0	6.0	6.3	6.3	6.3	6.0	5.9	6.1
PICK 02-R	3.5	6.0	6.3	5.6	5.7	6.4	6.8	6.1
PREMIER II	4.3	6.0	6.4	6.3	6.3	6.3	5.9	6.1
WIND DANCE 2 (PWDR)	4.5	6.8	6.1	6.1	6.0	6.1	6.5	6.1
1G SQUARED (APR 1664)	5.7	6.0	6.1	5.9	5.8	6.0	6.2	6.0
ASP6003 (TRS)	5.5	6.0	6.3	6.3	6.0	5.9	6.1	6.0
CABO II (IS-PR 233)	4.7	6.3	6.3	6.1	5.8	6.0	5.6	6.0
DEFENDER (D04-UP)	4.3	5.7	5.7	6.3	5.8	6.3	6.4	6.0
GRAY STAR (PST-2LGL)	3.7	6.7	6.6	6.1	6.1	6.0	5.8	6.0
HARRIER (SRX 4UP3)	4.3	6.0	6.0	5.7	5.5	6.3	6.4	6.0
MAJESTY II (VB77)	4.7	6.0	6.1	6.1	6.1	6.1	6.0	6.0
NEXUS XD (SP4)	4.7	6.3	6.1	5.9	5.8	6.2	6.3	6.0
PACESETTER II (PS-2)	5.3	6.5	6.6	6.0	5.8	6.0	5.7	6.0
PST-2AG4	5.0	6.2	5.8	5.9	5.9	6.1	6.4	6.0
QUICKSILVER	4.0	6.2	6.1	6.0	6.1	5.9	5.9	6.0
REPELL GLS	5.0	6.0	6.0	6.0	6.0	6.2	5.8	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	5.0	5.8	6.4	6.3	6.2	6.0	6.0	6.0
TR47	4.3	5.8	6.2	5.8	5.9	6.2	6.3	6.0
WAYFARER (L44)	5.3	6.2	6.0	6.0	5.9	6.5	6.0	6.0
ASP6002 (BPR)	5.0	6.4	6.3	6.1	5.5	6.0	6.1	5.9
ASP6006 (LPFG)	4.0	6.0	6.2	6.0	5.8	6.2	6.2	5.9
BARLENNIUM	4.7	6.4	6.5	6.2	6.1	5.7	5.6	5.9
BREA (04-BRE)	4.3	6.0	6.1	5.9	5.8	5.8	6.2	5.9
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.0	5.4	6.0	5.9	5.8	6.0	6.1	5.9
CITATION FORE	4.3	5.8	6.2	6.1	6.0	5.9	5.9	5.9
D04-LP05	3.0	6.2	6.1	5.6	5.8	5.8	6.4	5.9
DART (APR 1663)	4.3	6.3	6.2	6.1	6.1	5.6	5.6	5.9
ES45	4.0	6.0	6.1	5.5	5.7	6.2	6.3	5.9
GRAND SLAM 2 (PST-2GSM)	3.5	6.2	6.1	6.4	6.0	6.0	5.9	5.9
GRAY FOX (PST-2MNG)	3.7	5.6	6.0	6.1	6.0	6.0	6.0	5.9
HALO (KN42)	5.0	6.2	6.4	6.2	5.8	5.9	5.8	5.9
HEADSTART 2	4.0	6.2	6.3	5.8	5.8	5.9	6.3	5.9
INSPIRE	5.0	6.2	5.9	5.9	5.8	6.0	6.0	5.9
KOKOMO II (IS-PR 235)	5.0	5.8	5.8	6.0	5.9	5.9	6.4	5.9
LA QUINTA (JR-255)	5.3	6.3	6.1	5.9	5.8	6.0	6.1	5.9
LS 2300 (APR 1670)	4.3	6.2	6.3	6.3	6.1	6.0	5.9	5.9
MMW	5.0	5.7	5.9	6.1	6.0	5.9	5.9	5.9
MONTEREY 3 (JR-408)	4.5	6.4	6.3	6.0	5.7	5.8	5.8	5.9
NEXUS XR (SNR)	5.0	6.0	6.0	6.1	5.7	6.0	6.1	5.9
PALMER III	5.0	6.0	6.0	6.3	6.2	5.6	5.7	5.9
PIANIST (DP 17-9505)	3.0	6.5	6.3	6.0	5.8	5.6	5.1	5.9

TABLE 25. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/
2005-08 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PLATEAU (PST-2LAN)	5.3	6.2	6.3	5.9	5.7	5.7	5.6	5.9
SR 4600 (SRX 4SP)	4.3	6.3	6.0	6.0	5.9	6.0	6.6	5.9
ACCENT II (JR-119)	4.0	5.8	6.3	6.1	5.8	5.9	5.6	5.8
APPLE GL (AAZ-B104)	4.7	5.5	5.6	6.0	5.9	5.9	6.3	5.8
ASP6001 (RTS)	4.3	6.2	6.1	5.8	5.8	5.8	6.0	5.8
BAR LP 4317	4.3	6.3	6.1	5.7	5.9	5.6	5.6	5.8
CADDIESHACK II (JR-163)	5.0	6.2	6.4	6.0	5.8	5.7	5.3	5.8
E-99	5.3	5.8	5.9	6.2	5.9	6.0	5.4	5.8
PST-217	4.3	6.3	6.3	6.2	6.1	5.4	5.6	5.8
RINGER II (04-BEN)	4.7	6.0	6.1	6.0	5.9	5.7	5.3	5.8
LINE DRIVE GLS (APR 1797)	5.3	6.0	6.2	6.1	5.8	5.6	5.4	5.7
PALMER IV	4.0	5.5	5.6	5.4	5.6	6.1	6.1	5.7
PM 102	4.0	6.0	5.8	5.6	5.6	5.7	5.7	5.7
REGAL 5 (IS-PR 271)	4.7	6.0	5.7	5.7	5.5	5.7	6.0	5.7
BRIGHTSTAR SLT	4.0	5.7	6.0	5.8	5.9	5.6	5.3	5.6
DP 17-9788	4.3	6.0	5.9	5.3	5.1	6.0	6.0	5.6
PST-2BLK	4.0	5.8	5.6	5.9	5.8	5.6	5.5	5.6
MANHATTAN 5 GLR (PST-2AM)	4.0	5.2	5.6	5.8	5.6	5.6	5.6	5.4
SRX 4682	4.7	5.5	5.9	5.7	5.5	4.9	5.1	5.4
AFFINITY	5.3	5.5	5.9	5.9	5.5	4.8	4.2	5.3
HAWKEYE 2 (SRX 4692)	4.3	5.0	5.1	5.3	5.3	5.1	5.2	5.2
LPR 02203	4.5	4.8	5.6	5.1	5.1	5.0	4.4	5.1
PREMIER	5.3	4.7	5.2	4.7	4.4	4.3	3.8	4.5
PINNACLE	4.7	4.5	4.6	4.3	4.0	4.1	3.4	4.1
LINN	3.0	2.4	2.1	2.1	2.6	2.1	2.1	2.4
LSD VALUE	2.4	0.8	0.7	0.7	0.6	0.5	0.6	0.4
C.V. (%)	17.6	10.9	11.7	12.4	11.6	11.4	11.6	8.5

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.

3/ TURFGRASS QUALITY RATED IN 2005-08.

TABLE 26. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
CHIVALRY (APR 1648)	5.3	6.2	6.9	6.8	7.1	6.5	6.2	5.7	6.4
UNO (D04-11T)	4.7	5.9	7.1	6.9	6.8	7.0	6.3	6.0	6.4
CADDIESHACK II (JR-163)	5.2	6.3	6.9	6.1	6.9	6.7	5.7	7.0	6.3
CALYPSO 3 (MS2)	4.8	6.1	7.1	6.4	6.9	6.7	5.8	5.7	6.3
CUTTER II (PM 101)	5.1	5.9	7.3	6.6	6.9	6.3	6.0	6.0	6.3
EXACTA II GLSR (LTP-611-GLSR)	5.1	5.9	6.9	6.3	7.0	6.5	6.5	6.7	6.3
PALACE (IS-PR 273)	5.2	5.9	6.8	6.1	6.7	6.6	6.3	6.3	6.3
VB99	5.1	6.5	7.1	6.2	6.8	6.3	5.9	6.3	6.3
AMAZING GS (IS-PR 276)	4.6	5.9	7.1	6.1	6.8	6.6	6.2	6.0	6.2
DASHER 3 (PICK RB-1)	4.9	6.0	6.9	6.2	6.7	6.3	6.1	6.3	6.2
FIESTA 4 (PICK F4)	4.5	5.8	7.0	6.5	6.7	6.5	6.3	5.3	6.2
1G SQUARED (APR 1664)	5.2	5.9	6.3	5.9	6.7	6.5	5.9	6.0	6.1
DERBY XTREME (IS-PR 268)	4.8	5.7	6.4	6.4	6.7	6.4	6.1	6.0	6.1
MMW	4.6	5.7	6.8	6.5	6.5	6.7	6.2	6.0	6.1
NEXUS XR (SNR)	4.5	6.3	7.0	6.4	6.8	6.3	5.9	5.3	6.1
PIZZAZZ	5.1	5.7	6.3	6.1	6.9	6.3	6.0	6.0	6.1
REGAL 5 (IS-PR 271)	5.1	5.8	6.7	6.3	6.6	6.3	5.9	6.7	6.1
SR 4600 (SRX 4SP)	5.4	5.7	6.5	6.3	6.5	6.5	6.1	6.0	6.1
ACCENT II (JR-119)	5.1	6.0	6.7	6.0	6.2	6.3	5.5	5.7	6.0
ASP6004 (EXS54)	4.1	5.5	6.9	6.5	6.8	6.1	5.7	5.7	6.0
ATTRIBUTE (IS-PR 270)	5.3	5.7	6.3	5.9	6.2	6.3	5.8	5.7	6.0
DART (APR 1663)	5.5	5.9	6.3	5.9	6.3	6.1	5.8	6.0	6.0
FIREBOLT (PRG HS-01-09)	4.5	5.9	6.6	6.2	6.8	6.5	5.3	5.3	6.0
INSPIRE	5.0	5.5	6.7	6.3	6.5	6.3	5.5	6.0	6.0
PALMER IV	4.7	5.7	6.6	6.5	6.7	6.1	6.0	6.7	6.0
PALMER V (RNS)	4.7	5.6	6.5	6.1	6.7	6.5	5.7	5.7	6.0
PARAGON GLR	5.1	5.7	6.2	5.9	6.7	6.2	5.9	5.7	6.0
ASP6002 (BPR)	4.8	5.6	6.6	6.0	6.4	6.2	5.6	6.0	5.9
ASP6003 (TRS)	4.5	5.7	6.5	6.1	6.4	6.2	6.0	5.3	5.9
BUENA VISTA	5.1	5.5	6.2	6.1	6.4	5.9	5.6	6.0	5.9
KEYSTONE 2 (IS-PR 312)	4.5	4.8	6.4	6.1	7.0	6.4	5.7	5.3	5.9
LINE DRIVE GLS (APR 1797)	4.7	5.9	6.3	6.1	6.5	6.2	5.2	6.0	5.9
MACH I	4.5	5.5	6.4	6.1	6.7	6.1	5.7	5.3	5.9
MAJESTY II (VB77)	4.3	5.8	6.7	6.0	6.4	6.3	5.6	6.3	5.9
PRIMARY (IS-PR 269)	4.9	5.4	6.6	6.0	6.3	6.1	6.1	5.7	5.9
PROTOTYPE (DCM)	4.8	5.9	6.5	6.2	6.1	6.0	5.6	6.0	5.9
SOPRANO (DP1)	4.9	5.1	6.4	6.1	6.5	6.2	5.9	5.3	5.9
WIND DANCE 2 (PWDR)	4.5	5.8	7.0	6.0	6.6	6.0	5.5	5.7	5.9
ZOOM (LCK)	4.7	5.5	6.6	6.1	6.4	6.1	5.8	5.3	5.9
ALLSTAR 3 (IS-PR 274)	4.3	5.5	6.9	6.1	6.5	5.7	5.4	5.0	5.8
ASP6006 (LPFG)	4.7	5.7	6.5	5.9	6.5	6.0	5.5	5.0	5.8
FOREVER (DP 17-9499)	4.7	5.5	6.5	6.1	6.1	5.9	5.8	6.0	5.8
GALATTI (DP 17-9502)	4.7	5.6	6.7	6.2	6.2	5.8	5.6	5.3	5.8
HAWKEYE 2 (SRX 4692)	5.0	5.7	6.1	5.9	6.3	6.1	5.5	6.0	5.8
MONTEREY 3 (JR-408)	4.1	5.9	6.4	6.2	6.3	5.9	5.3	5.7	5.8
OVERDRIVE	5.1	5.5	6.1	5.7	6.5	6.2	5.4	6.7	5.8
PICK 02-R	4.0	5.6	6.7	5.9	6.7	6.1	5.8	5.0	5.8

TABLE 26. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PLEASURE SUPREME (PM 103)	4.6	5.8	6.4	5.9	6.5	5.9	5.5	6.0	5.8
TOP GUN II (JR-324)	4.4	5.9	6.5	5.9	6.7	6.0	5.0	5.0	5.8
TRANSFORMER (D04-1667)	5.1	5.9	6.2	6.0	6.2	5.9	5.5	6.7	5.8
BACCARAT (RAD-PR8)	4.5	5.5	6.1	5.9	6.3	6.0	5.3	6.0	5.7
BARLENNIUM	5.1	5.5	6.1	5.7	6.2	5.9	5.4	6.3	5.7
BREA (04-BRE)	4.4	5.7	6.3	5.8	6.2	5.9	5.3	6.3	5.7
EDGE II (AC2)	4.4	5.5	6.5	6.1	6.1	6.1	5.3	5.0	5.7
FIJI (GPR)	4.5	5.5	6.5	5.9	6.2	5.8	5.5	5.3	5.7
HARRIER (SRX 4UP3)	4.9	5.5	5.9	6.0	6.0	5.9	5.7	6.7	5.7
LS 2300 (APR 1670)	5.3	5.5	6.4	5.7	6.0	5.7	5.0	6.0	5.7
REPELL GLS	4.8	5.3	5.9	5.7	6.4	6.0	5.5	5.7	5.7
BAR LP 4420	4.6	5.7	6.3	5.7	5.9	5.7	5.3	5.7	5.6
DP 17-9788	5.1	5.5	5.8	5.6	6.1	5.8	5.3	5.7	5.6
GRAND SLAM 2 (PST-2GSM)	4.5	5.3	6.1	5.8	6.3	6.0	5.3	6.0	5.6
HOMERUN (RG3P)	4.0	5.7	6.2	5.8	6.6	5.9	5.3	5.0	5.6
LA QUINTA (JR-255)	4.3	5.4	6.5	5.9	6.1	5.9	5.3	5.3	5.6
PHENOM (APR 1660)	4.2	5.1	6.2	5.9	6.2	6.0	5.7	5.3	5.6
PM 102	4.3	5.2	6.1	5.8	6.1	5.9	5.6	5.0	5.6
PREMIER II	5.1	5.5	5.7	5.5	5.9	5.9	5.5	6.0	5.6
RINGER II (04-BEN)	4.6	5.5	5.9	5.6	6.3	5.7	5.5	5.3	5.6
SILVER DOLLAR	4.8	5.0	6.0	5.7	6.1	5.9	5.5	5.0	5.6
STELLAR GL (IS-PR 236)	4.5	5.1	6.5	5.5	6.2	5.9	5.5	5.7	5.6
SUNSHINE 2	4.3	5.3	6.6	5.5	6.1	5.9	5.7	5.7	5.6
TR47	4.2	5.7	6.5	5.7	6.2	5.7	5.3	4.3	5.6
WAYFARER (L44)	4.2	5.5	6.2	6.0	6.1	5.9	4.9	5.7	5.6
ASP6001 (RTS)	4.1	5.8	5.9	5.5	5.9	5.9	5.6	5.7	5.5
BRIGHTSTAR SLT	5.0	5.7	6.1	5.3	5.9	5.5	5.3	5.3	5.5
CABO II (IS-PR 233)	4.1	5.4	6.3	5.7	6.1	5.8	5.4	5.7	5.5
DEFENDER (D04-UP)	4.7	5.2	5.6	5.5	6.0	5.7	5.4	6.3	5.5
GRAY STAR (PST-2LGL)	4.5	5.7	6.3	5.4	5.7	5.5	5.1	5.7	5.5
KOKOMO II (IS-PR 235)	4.3	5.0	6.0	5.7	6.2	5.5	5.5	5.3	5.5
NEXUS XD (SP4)	3.9	5.5	6.1	5.7	6.3	5.7	5.1	5.0	5.5
PANTHER GLS	4.5	5.2	6.1	5.7	6.1	5.7	5.2	5.7	5.5
REVENGE GLX (JR-348)	4.6	5.1	5.8	5.5	6.2	5.8	5.7	5.0	5.5
SECRETARIAT II GLSR (LTP-101-GLSR)	5.2	5.5	5.6	5.3	5.7	5.7	5.1	5.7	5.5
PIANIST (DP 17-9505)	4.3	5.3	6.1	5.7	5.8	5.4	5.0	5.3	5.4
PLATEAU (PST-2LAN)	4.7	5.2	6.0	5.4	5.9	5.7	5.1	5.3	5.4
QUICKSILVER	4.4	5.5	6.3	5.4	5.7	5.5	5.3	5.3	5.4
BAR LP 4920	4.6	5.0	5.5	5.3	5.9	5.6	5.3	5.7	5.3
CITATION FORE	4.7	5.0	5.8	5.6	5.8	5.3	5.1	5.7	5.3
D04-LP05	4.8	5.2	5.7	5.1	5.8	5.3	4.7	5.7	5.3
DELAWARE XL (PICK 01-2)	4.1	5.3	6.1	5.5	5.8	5.3	4.9	4.3	5.3
E-99	4.7	4.9	5.6	5.4	5.9	5.5	5.0	5.3	5.3
FUSION	4.2	4.8	5.7	5.5	6.1	5.4	5.1	5.3	5.3
MANHATTAN 5 GLR (PST-2AM)	5.2	5.1	5.5	5.1	5.6	5.3	5.0	6.0	5.3
PST-217	4.0	5.3	5.8	5.5	5.7	5.6	5.1	5.0	5.3
APPLE GL (AAZ-B104)	4.2	4.9	5.5	5.5	6.1	5.1	5.1	5.7	5.2

TABLE 26. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
ASP6005 (AJM)	4.2	4.8	5.8	5.5	5.7	5.3	5.0	4.7	5.2
GRAY FOX (PST-2MNG)	4.5	4.8	5.6	5.5	5.8	5.5	4.8	5.7	5.2
PACESETTER II (PS-2)	4.0	4.8	5.7	5.1	6.1	5.7	4.9	5.7	5.2
PALMER GLS (GL-2)	3.9	5.3	5.7	5.7	5.8	5.4	4.9	4.7	5.2
PENTIUM	4.6	5.4	5.5	5.0	5.6	5.4	4.7	6.3	5.2
PRESIDIO (CNV)	3.9	5.4	5.6	5.3	5.8	5.3	4.9	4.3	5.2
SRX 4682	4.7	5.3	5.5	5.1	5.5	5.3	4.8	6.7	5.2
ES45	3.9	5.0	5.9	4.9	5.7	5.3	4.7	4.3	5.1
GOALKEEPER II (JR-114)	3.9	5.3	5.6	5.3	5.6	5.5	4.7	4.0	5.1
HALO (KN42)	4.0	5.3	5.8	4.7	5.7	5.3	5.1	4.3	5.1
HEADSTART 2	4.0	5.2	5.9	5.2	5.5	5.1	4.9	4.0	5.1
BAR LP 4317	4.3	5.2	5.5	5.0	5.3	4.8	4.7	5.0	5.0
PALMER III	4.9	5.1	5.3	4.7	5.1	4.9	4.5	5.7	5.0
PINNACLE II	4.1	5.1	5.4	5.1	5.5	5.1	5.0	4.7	5.0
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.1	4.4	5.3	5.0	5.4	5.1	4.7	5.3	4.9
LPR 02203	4.2	5.3	5.1	4.9	5.3	5.0	4.3	5.3	4.9
NOTABLE (AF)	4.0	5.1	5.5	4.9	5.1	5.0	4.7	5.0	4.9
PANTHER	4.8	5.2	5.3	4.7	5.2	5.0	4.1	5.7	4.9
PROTEGE GLR	4.2	4.9	5.5	4.6	5.1	4.7	4.8	4.3	4.8
PST-2AG4	3.8	4.5	4.9	4.5	5.5	5.0	4.8	4.7	4.7
AFFINITY	4.7	4.5	4.9	4.4	4.7	4.7	4.1	5.7	4.6
PINNACLE	5.3	4.5	4.2	4.2	4.5	4.1	3.8	6.0	4.4
PST-2BLK	3.5	4.3	4.5	3.9	4.3	4.7	4.5	4.7	4.3
PREMIER	4.4	4.3	4.1	4.1	4.3	3.7	3.8	5.0	4.1
LINN	4.0	2.8	3.1	2.9	2.9	2.7	3.3	5.7	3.1
LSD VALUE	1.9	1.4	0.8	0.9	0.8	1.0	0.9	3.0	0.5
C.V. (%)	31.3	26.5	19.1	22.1	17.8	23.1	22.1	16.9	14.2

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 27. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
HOMERUN (RG3P)	7.3	5.3	6.5	5.7	6.2	6.7	5.1	6.1	6.9	7.7	6.3
PARAGON GLR	6.7	5.4	6.5	5.4	6.0	6.4	5.4	6.2	7.1	8.0	6.3
GRAND SLAM 2 (PST-2GSM)	7.3	5.1	6.3	5.2	6.2	6.3	5.4	6.1	6.8	7.7	6.2
MONTEREY 3 (JR-408)	7.0	5.1	6.5	5.6	6.3	6.0	5.2	6.2	6.7	7.3	6.2
CHARISMATIC II GLSR (LTP-PG-GLSR)	6.7	5.3	6.4	5.1	6.3	6.4	4.6	6.0	6.9	7.6	6.1
CITATION FORE	7.0	5.3	6.0	5.0	6.3	6.3	5.6	6.1	6.9	7.4	6.1
FIESTA 4 (PICK F4)	7.0	5.3	6.5	5.8	6.1	6.0	5.2	5.5	6.9	7.6	6.1
PRIMARY (IS-PR 269)	7.0	5.4	6.3	5.3	6.1	6.2	4.9	6.1	6.6	7.3	6.1
PROTOTYPE (DCM)	7.3	5.3	6.3	5.4	5.7	6.3	4.9	5.7	6.5	8.0	6.1
REPELL GLS	7.0	5.4	6.7	5.4	6.0	6.1	5.2	5.4	6.6	7.7	6.1
REVENGE GLX (JR-348)	7.3	5.4	6.7	5.6	5.9	5.9	4.8	5.8	6.7	7.6	6.1
SILVER DOLLAR	6.7	5.1	6.0	5.1	6.3	6.4	5.7	5.9	6.5	7.6	6.1
ATTRIBUTE (IS-PR 270)	7.0	5.1	6.2	5.3	6.3	6.4	5.1	5.3	6.4	7.7	6.0
D04-LP05	7.0	5.1	6.1	5.0	5.8	6.0	5.4	5.7	6.8	7.8	6.0
DERBY XTREME (IS-PR 268)	7.0	5.1	6.4	5.5	5.9	5.7	5.0	5.7	6.7	7.7	6.0
E-99	6.3	4.7	6.3	4.8	6.2	6.3	5.7	5.9	6.6	7.8	6.0
GRAY FOX (PST-2MNG)	6.7	4.9	6.0	5.2	5.9	6.4	5.1	6.1	6.8	7.3	6.0
HARRIER (SRX 4UP3)	7.0	5.2	6.5	5.3	6.1	5.9	5.0	5.3	6.5	7.6	6.0
KEYSTONE 2 (IS-PR 312)	7.0	4.9	6.5	5.7	6.1	6.0	5.0	5.6	6.7	7.2	6.0
LA QUINTA (JR-255)	6.7	4.9	5.9	5.5	6.2	6.3	5.4	5.7	6.7	7.3	6.0
LS 2300 (APR 1670)	7.0	4.9	6.3	5.1	5.7	6.0	5.6	6.3	6.8	7.2	6.0
MAJESTY II (VB77)	7.0	5.1	6.1	5.2	5.9	5.9	5.4	5.8	6.7	7.9	6.0
MANHATTAN 5 GLR (PST-2AM)	7.0	5.0	6.2	4.8	5.8	6.6	5.3	5.8	6.7	7.7	6.0
MMW	6.7	5.2	6.1	5.3	6.2	5.9	5.8	5.7	6.5	7.1	6.0
PALACE (IS-PR 273)	6.7	5.3	6.3	5.3	6.3	6.0	4.9	5.4	6.1	7.6	6.0
PLATEAU (PST-2LAN)	7.3	4.9	5.9	5.3	6.3	6.3	5.6	5.9	6.5	7.1	6.0
SECRETARIAT II GLSR (LTP-101-GLSR)	7.0	5.4	6.5	4.8	5.8	6.1	4.0	6.1	6.7	7.2	6.0
SOPRANO (DP1)	7.0	5.1	6.6	5.6	5.8	5.7	4.8	5.5	6.7	7.9	6.0
SR 4600 (SRX 4SP)	7.3	5.4	6.2	5.3	5.9	5.4	5.3	5.7	6.5	7.9	6.0
SRX 4682	7.0	5.3	6.7	5.3	6.0	5.7	4.9	5.7	6.3	7.6	6.0
TOP GUN II (JR-324)	6.0	4.8	6.3	5.9	6.6	5.8	5.0	5.7	6.7	7.4	6.0
UNO (D04-11T)	7.3	5.2	6.5	5.4	5.8	6.1	5.1	5.3	6.8	7.3	6.0
ASP6004 (EXS54)	6.3	4.9	5.8	5.3	6.0	6.0	4.8	5.7	6.7	7.7	5.9
BARLENNIUM	6.7	4.8	6.0	4.8	5.8	5.7	5.6	5.9	6.7	7.4	5.9
BUENA VISTA	7.0	5.2	6.1	5.0	6.0	6.1	4.8	5.6	6.5	7.6	5.9
CADDIESHACK II (JR-163)	6.7	4.9	6.1	5.3	6.0	6.2	4.8	5.7	6.4	7.0	5.9
EXACTA II GLSR (LTP-611-GLSR)	7.0	5.3	6.2	4.8	6.1	6.1	4.6	5.5	6.5	7.1	5.9
GOALKEEPER II (JR-114)	6.7	4.8	6.1	5.2	5.9	6.3	4.8	5.7	6.6	7.4	5.9
KOKOMO II (IS-PR 235)	7.0	5.4	6.1	5.4	5.9	6.0	4.6	5.5	6.6	7.7	5.9
LINE DRIVE GLS (APR 1797)	7.0	4.9	6.1	5.3	5.2	6.1	5.0	5.7	6.6	7.2	5.9
OVERDRIVE	6.7	5.3	6.1	5.3	5.8	6.3	4.9	5.5	6.4	7.2	5.9
PALMER IV	6.7	5.1	6.3	5.3	5.8	6.1	4.7	5.4	6.5	7.6	5.9
PHENOM (APR 1660)	7.0	5.4	6.6	4.8	6.1	6.6	4.3	5.1	6.1	6.8	5.9
PST-217	6.3	4.9	6.0	5.2	5.8	6.1	5.4	5.9	6.6	7.4	5.9
STELLAR GL (IS-PR 236)	7.0	5.3	6.3	5.1	5.8	6.2	5.0	5.3	6.4	7.4	5.9
TRANSFORMER (D04-1667)	7.0	5.1	6.3	5.1	5.8	6.0	4.9	5.6	6.6	7.0	5.9
1G SQUARED (APR 1664)	6.7	5.1	6.0	4.9	5.6	5.8	5.0	5.6	6.6	7.4	5.8

TABLE 27. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
ACCENT II (JR-119)	6.3	5.0	5.9	5.3	5.9	5.9	4.4	5.6	6.3	7.0	5.8
ALLSTAR 3 (IS-PR 274)	7.0	5.1	6.4	5.3	6.3	6.1	5.6	5.1	6.0	6.9	5.8
AMAZING GS (IS-PR 276)	7.3	4.9	6.0	5.1	6.1	5.9	5.0	5.3	6.3	7.2	5.8
APPLE GL (AAZ-B104)	7.0	5.3	6.2	5.4	5.5	5.7	4.8	5.3	6.3	7.6	5.8
BRIGHTSTAR SLT	6.7	5.0	6.0	5.0	5.7	5.9	5.3	5.7	6.6	7.0	5.8
CHIVALRY (APR 1648)	7.0	5.3	6.3	5.0	6.0	6.1	4.2	5.3	6.2	7.6	5.8
DASHER 3 (PICK RB-1)	7.0	5.0	5.9	5.3	5.7	5.7	5.3	5.5	6.3	7.2	5.8
DEFENDER (D04-UP)	7.0	5.2	6.1	4.9	5.8	5.9	5.1	5.3	6.3	7.4	5.8
EDGE II (AC2)	7.0	5.1	6.1	5.3	5.7	5.9	4.8	5.5	6.2	7.1	5.8
FUSION	7.3	5.1	5.9	5.2	6.0	5.7	4.8	5.3	6.5	7.2	5.8
INSPIRE	7.0	4.7	6.3	5.1	5.6	5.9	5.3	5.3	6.5	7.4	5.8
PACESETTER II (PS-2)	6.7	5.0	6.2	5.1	5.8	5.9	4.8	5.5	6.3	7.2	5.8
PALMER GLS (GL-2)	6.3	5.1	6.3	5.5	6.3	5.6	4.8	5.1	6.2	6.9	5.8
PENTIUM	7.0	4.9	6.1	5.1	5.8	6.1	4.7	5.7	6.5	7.1	5.8
PLEASURE SUPREME (PM 103)	6.7	4.9	5.7	5.2	6.0	5.6	5.3	5.6	6.3	7.1	5.8
PROTEGE GLR	6.3	5.2	6.1	4.9	5.6	5.9	5.2	5.6	6.5	7.2	5.8
RINGER II (04-BEN)	6.3	5.1	6.1	4.8	5.8	5.9	5.1	5.6	6.5	7.4	5.8
SUNSHINE 2	7.0	4.9	6.1	5.6	5.8	6.1	5.2	5.3	6.3	7.0	5.8
ZOOM (LCK)	7.3	5.0	5.8	5.3	6.1	5.9	5.1	5.3	6.1	7.3	5.8
BACCARAT (RAD-PR8)	6.7	5.1	5.9	5.3	5.9	5.7	4.4	5.7	6.2	6.8	5.7
ES45	6.7	5.1	5.4	4.8	5.3	5.7	4.9	5.7	6.5	7.2	5.7
NOTABLE (AF)	7.0	4.9	5.9	5.2	5.7	5.5	4.6	5.3	6.6	7.2	5.7
PALMER V (RNS)	7.0	4.8	6.1	5.2	5.9	5.8	4.7	5.3	6.3	7.0	5.7
PST-2AG4	7.0	4.9	5.9	5.2	6.1	5.9	4.8	5.2	6.0	6.7	5.7
PST-2BLK	6.3	4.7	5.8	4.4	5.8	5.9	4.8	5.7	6.3	7.0	5.7
QUICKSILVER	6.3	4.8	5.4	4.8	5.6	5.9	5.2	5.5	6.3	7.3	5.7
ASP6001 (RTS)	6.7	5.0	5.9	4.9	5.5	6.1	4.3	5.0	5.9	7.3	5.6
ASP6002 (BPR)	6.7	4.9	5.7	4.7	5.8	5.7	4.4	5.2	6.5	7.4	5.6
BREA (04-BRE)	6.3	4.9	5.7	4.8	5.5	5.5	5.0	5.5	6.4	7.2	5.6
CABO II (IS-PR 233)	6.7	5.0	5.5	4.4	5.4	6.1	4.9	5.3	6.6	6.9	5.6
CALYPSO 3 (MS2)	7.0	4.9	5.7	5.1	6.0	5.9	4.4	4.6	5.9	7.1	5.6
FIJI (GPR)	6.7	5.0	5.4	4.7	5.8	5.7	4.7	5.3	6.1	7.2	5.6
FIREBOLT (PRG HS-01-09)	6.3	4.7	5.7	4.9	5.8	5.5	4.4	5.3	6.2	7.2	5.6
GRAY STAR (PST-2LGL)	6.7	4.9	5.7	5.0	6.0	5.9	4.6	5.3	6.2	6.8	5.6
HALO (KN42)	7.0	4.9	5.4	4.8	5.6	5.9	4.6	5.0	6.3	7.6	5.6
HAWKEYE 2 (SRX 4692)	6.3	4.7	5.5	4.9	5.6	5.8	5.0	5.5	6.5	7.1	5.6
PALMER III	6.3	5.2	5.9	4.7	4.9	5.5	5.0	5.3	6.1	7.2	5.6
PANTHER GLS	6.0	4.7	6.0	5.2	5.8	5.7	4.3	5.5	6.3	6.8	5.6
REGAL 5 (IS-PR 271)	7.0	4.9	5.6	5.0	5.8	5.6	5.0	5.2	6.1	6.9	5.6
ASP6003 (TRS)	6.3	5.0	5.5	4.8	5.5	5.6	4.3	5.3	6.1	6.8	5.5
BAR LP 4317	5.7	4.8	6.3	5.0	5.2	5.5	5.1	5.1	5.9	6.7	5.5
BAR LP 4920	6.7	5.2	5.7	4.6	5.4	5.4	4.8	5.2	6.3	6.9	5.5
CUTTER II (PM 101)	6.7	4.7	5.5	5.3	5.5	5.5	4.4	5.0	6.0	6.7	5.5
DART (APR 1663)	6.3	4.7	5.9	4.8	5.5	5.7	4.4	5.1	6.1	6.8	5.5
DELAWARE XL (PICK 01-2)	6.0	4.9	5.9	4.8	5.7	5.9	4.4	4.7	5.7	6.9	5.5
DP 17-9788	6.7	4.7	5.7	5.2	5.4	5.5	4.3	5.1	6.1	7.0	5.5
NEXUS XR (SNR)	6.7	5.0	5.5	4.5	5.5	5.8	4.3	4.8	6.1	7.3	5.5

TABLE 27. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PREMIER II	6.7	4.8	5.8	4.8	5.3	5.5	4.7	5.1	6.2	6.8	5.5
PRESIDIO (CNV)	7.0	5.0	5.3	4.7	5.8	5.4	4.8	5.3	6.1	6.8	5.5
TR47	6.3	5.1	5.4	4.8	5.3	5.6	4.6	5.3	6.1	6.7	5.5
VB99	7.0	5.0	5.3	4.6	5.4	5.3	4.9	5.3	6.1	7.0	5.5
ASP6005 (AJM)	7.0	4.9	5.3	4.9	5.2	5.2	4.4	5.0	6.1	7.1	5.4
ASP6006 (LPFG)	5.7	4.7	5.4	4.7	5.6	5.5	4.2	5.1	6.1	7.1	5.4
HEADSTART 2	6.0	4.6	5.4	5.0	5.8	5.5	4.6	4.8	5.9	6.7	5.4
PIANIST (DP 17-9505)	6.7	4.8	5.9	4.8	5.6	5.7	4.2	4.8	5.7	6.7	5.4
PINNACLE II	6.3	4.9	5.9	5.0	5.3	5.0	4.4	5.1	6.1	7.0	5.4
PIZZAZZ	6.7	4.7	5.3	4.9	5.3	5.8	4.1	4.7	6.0	6.9	5.4
PREMIER	6.0	4.8	5.5	4.3	5.4	4.8	5.2	5.5	6.3	6.9	5.4
FOREVER (DP 17-9499)	6.0	4.6	5.1	4.8	5.1	5.1	4.8	5.0	6.1	7.0	5.3
NEXUS XD (SP4)	6.7	4.8	5.1	4.3	5.4	5.7	3.9	5.0	6.1	7.0	5.3
PANTHER	5.7	4.9	5.3	4.6	5.7	5.3	4.7	5.0	5.9	6.7	5.3
PM 102	6.7	5.1	5.3	4.8	4.8	4.9	4.4	4.9	6.2	7.1	5.3
WAYFARER (L44)	6.7	4.8	5.1	4.6	5.3	5.3	4.4	5.2	5.9	6.9	5.3
WIND DANCE 2 (PWDR)	6.3	4.8	5.2	4.7	5.7	5.5	4.3	4.8	5.7	6.7	5.3
BAR LP 4420	5.7	4.4	5.3	4.8	5.3	5.1	4.8	5.0	5.7	6.0	5.2
GALATTI (DP 17-9502)	5.7	4.5	5.2	4.7	5.5	4.7	4.3	4.9	6.0	6.4	5.2
MACH I	6.3	4.9	5.1	4.3	5.1	5.3	4.8	4.8	5.7	6.8	5.2
AFFINITY	5.7	4.7	5.2	4.2	4.9	5.1	4.9	5.2	5.7	6.3	5.1
PINNACLE	5.7	5.1	5.5	3.7	4.8	4.6	4.6	4.9	5.9	6.1	5.0
LPR 02203	5.0	4.1	5.4	4.4	5.6	5.3	3.9	4.2	5.5	5.4	4.9
PICK 02-R	5.3	4.3	4.8	4.3	4.7	4.9	3.9	4.6	5.5	5.6	4.8
LINN	3.3	3.5	3.5	2.9	2.8	2.8	2.8	3.1	3.4	3.0	3.1
LSD VALUE	1.3	5.1	1.9	1.4	6.3	1.2	2.9	1.0	0.9	1.5	0.5
C.V. (%)	9.9	27.8	26.5	23.0	31.8	23.3	26.7	21.0	17.4	17.8	12.6

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

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

TABLE 28. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
ASP6002 (BPR)	4.3	5.9	6.2	6.8	6.9	7.5	6.0	6.4
CABO II (IS-PR 233)	4.0	6.3	6.3	6.7	6.8	7.3	6.3	6.4
CALYPSO 3 (MS2)	4.3	6.2	6.3	6.8	6.8	7.5	5.8	6.4
HALO (KN42)	3.8	6.1	6.3	6.8	6.9	7.1	5.8	6.4
PLEASURE SUPREME (PM 103)	4.2	5.9	6.4	6.6	7.0	7.3	6.1	6.4
PM 102	4.0	5.6	6.3	6.8	7.1	7.5	6.0	6.4
CHIVALRY (APR 1648)	4.3	5.8	6.2	6.7	6.8	7.2	5.8	6.3
CUTTER II (PM 101)	4.2	5.7	6.3	6.7	6.7	6.9	5.9	6.3
DELAWARE XL (PICK 01-2)	4.0	5.9	6.3	6.4	6.8	7.3	5.8	6.3
FIESTA 4 (PICK F4)	4.5	6.0	6.0	6.5	6.8	7.3	6.3	6.3
GRAY STAR (PST-2LGL)	4.3	5.9	6.3	6.6	6.5	7.1	5.9	6.3
SR 4600 (SRX 4SP)	4.5	5.4	6.1	6.6	6.7	7.3	6.2	6.3
SUNSHINE 2	4.2	6.1	6.2	6.6	6.8	7.3	5.8	6.3
TR47	4.0	6.2	6.6	6.6	6.6	7.0	5.8	6.3
ASP6005 (AJM)	4.3	6.2	6.2	6.4	6.7	6.8	5.8	6.2
ASP6006 (LPFG)	4.8	5.6	5.9	6.3	6.4	7.1	5.9	6.2
FOREVER (DP 17-9499)	4.2	5.3	5.9	6.7	6.6	7.0	5.9	6.2
MACH I	3.5	5.4	5.9	6.6	6.7	7.1	6.1	6.2
PALACE (IS-PR 273)	3.7	5.4	6.1	6.5	6.9	7.2	5.9	6.2
PALMER IV	4.5	5.7	6.2	6.3	6.5	7.0	5.9	6.2
PRESIDIO (CNV)	4.2	6.1	6.2	6.5	6.7	6.9	5.7	6.2
UNO (D04-11T)	4.2	5.8	5.9	6.5	6.7	7.1	5.8	6.2
AMAZING GS (IS-PR 276)	3.8	6.0	6.2	6.3	6.3	6.8	5.8	6.1
ASP6004 (EXS54)	4.2	5.7	6.0	6.3	6.5	6.8	5.9	6.1
BAR LP 4420	4.0	5.8	6.1	6.3	6.3	6.9	5.7	6.1
D04-LP05	4.3	5.8	5.7	6.3	6.4	6.9	5.8	6.1
EXACTA II GLSR (LTP-611-GLSR)	4.2	5.7	6.1	6.2	6.4	7.0	6.0	6.1
FIJI (GPR)	4.5	6.0	6.1	6.2	6.4	6.8	5.8	6.1
FIREBOLT (PRG HS-01-09)	3.5	6.4	6.0	6.3	6.3	6.8	5.7	6.1
KOKOMO II (IS-PR 235)	4.2	5.4	6.1	6.4	6.3	6.8	5.8	6.1
NEXUS XD (SP4)	3.2	5.9	6.3	6.3	6.7	6.8	5.6	6.1
PALMER GLS (GL-2)	4.2	5.8	5.8	6.3	6.7	6.9	6.0	6.1
PIZZAZZ	4.2	5.6	6.1	6.4	6.7	6.8	5.6	6.1
PROTEGE GLR	4.5	5.3	5.8	6.3	6.3	6.9	6.0	6.1
STELLAR GL (IS-PR 236)	3.5	5.4	6.3	6.3	6.5	6.8	5.9	6.1
VB99	3.8	6.1	6.1	6.4	6.5	6.8	5.7	6.1
1G SQUARED (APR 1664)	4.2	5.3	6.0	6.3	6.3	6.7	5.9	6.0
APPLE GL (AAZ-B104)	4.3	5.4	5.8	6.1	6.2	6.9	5.9	6.0
ASP6001 (RTS)	3.7	5.9	6.0	5.9	6.2	6.8	5.8	6.0
ASP6003 (TRS)	3.8	5.8	5.8	6.5	6.5	6.8	5.5	6.0
EDGE II (AC2)	4.0	5.9	5.8	6.3	6.3	6.7	5.5	6.0
ES45	4.2	5.8	6.0	6.3	6.4	6.8	5.5	6.0
GALATTI (DP 17-9502)	3.7	5.9	5.8	6.5	6.4	6.5	5.7	6.0
LINE DRIVE GLS (APR 1797)	4.3	5.2	5.5	6.5	6.5	6.8	5.7	6.0
MAJESTY II (VB77)	3.5	5.8	6.3	6.4	6.3	6.6	5.4	6.0
MMW	4.0	5.7	5.8	6.1	6.2	7.0	6.0	6.0
NEXUS XR (SNR)	4.0	5.9	5.8	6.3	6.5	6.8	5.8	6.0

TABLE 28. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PARAGON GLR	4.0	5.2	6.2	6.3	6.3	6.8	5.8	6.0
REGAL 5 (IS-PR 271)	3.0	5.9	5.8	6.3	6.5	6.8	5.9	6.0
SILVER DOLLAR	4.2	5.3	5.7	6.5	6.5	6.7	5.8	6.0
SOPRANO (DP1)	3.8	5.9	5.9	6.2	6.3	6.8	5.8	6.0
TRANSFORMER (D04-1667)	4.3	5.2	5.8	6.4	6.5	6.8	5.9	6.0
ALLSTAR 3 (IS-PR 274)	3.8	5.6	5.8	6.3	6.3	6.5	5.8	5.9
ATTRIBUTE (IS-PR 270)	3.8	5.6	5.9	6.1	6.2	6.7	5.8	5.9
BAR LP 4920	3.8	4.8	5.6	6.4	6.4	6.9	5.9	5.9
BUENA VISTA	3.7	5.7	5.9	6.2	6.3	6.6	5.7	5.9
DART (APR 1663)	4.2	5.0	5.6	6.2	6.3	6.8	5.7	5.9
DASHER 3 (PICK RB-1)	3.8	5.2	6.1	6.0	6.0	6.8	5.8	5.9
DERBY XTREME (IS-PR 268)	3.7	5.8	5.8	6.2	6.2	6.8	5.8	5.9
FUSION	3.5	5.8	5.8	6.3	6.1	6.5	5.7	5.9
HEADSTART 2	4.2	5.7	5.7	6.2	6.3	6.6	5.4	5.9
HOMERUN (RG3P)	4.5	5.4	6.0	5.9	5.9	6.6	5.8	5.9
PACESETTER II (PS-2)	3.7	5.6	5.8	6.3	6.3	6.6	5.6	5.9
PICK 02-R	4.2	6.1	5.7	6.2	6.3	6.4	5.7	5.9
QUICKSILVER	3.2	5.8	6.0	6.3	6.4	6.7	5.4	5.9
REVENGE GLX (JR-348)	4.0	5.3	5.8	6.2	6.2	6.5	5.8	5.9
WAYFARER (L44)	3.8	6.1	5.8	6.2	6.2	6.3	5.5	5.9
WIND DANCE 2 (PWDR)	4.0	5.8	6.0	6.0	6.3	6.5	5.4	5.9
GRAND SLAM 2 (PST-2GSM)	4.0	5.4	5.3	6.1	6.1	6.7	5.6	5.8
KEYSTONE 2 (IS-PR 312)	3.7	5.4	5.8	6.0	6.0	6.5	5.3	5.8
MONTEREY 3 (JR-408)	3.7	5.9	5.8	6.1	6.1	6.3	5.2	5.8
OVERDRIVE	4.0	5.8	5.7	6.0	6.3	6.4	5.7	5.8
PALMER V (RNS)	4.2	5.4	5.4	6.0	6.3	6.5	5.9	5.8
PRIMARY (IS-PR 269)	3.5	5.2	5.6	6.0	6.2	6.7	5.8	5.8
PST-2AG4	3.5	5.7	5.6	6.1	6.0	6.3	5.7	5.8
SECRETARIAT II GLSR (LTP-101-GLSR)	3.7	5.0	5.7	6.3	6.0	6.5	5.7	5.8
BACCARAT (RAD-PR8)	3.5	5.4	5.5	6.4	6.1	6.3	5.2	5.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.2	5.1	5.3	6.0	6.1	6.6	5.5	5.7
GRAY FOX (PST-2MNG)	3.8	4.9	5.3	6.1	6.1	6.7	5.7	5.7
HARRIER (SRX 4UP3)	3.5	5.2	5.6	5.8	5.8	6.5	5.6	5.7
HAWKEYE 2 (SRX 4692)	3.8	4.8	5.4	6.2	6.3	6.5	5.0	5.7
LA QUINTA (JR-255)	3.5	5.9	5.7	6.0	5.9	6.3	5.5	5.7
PHENOM (APR 1660)	3.5	4.4	5.6	6.1	6.3	6.5	5.5	5.7
PIANIST (DP 17-9505)	3.5	5.3	5.7	6.2	6.2	6.3	5.6	5.7
PINNACLE II	3.7	5.2	5.6	6.1	6.2	6.5	5.3	5.7
PROTOTYPE (DCM)	3.2	5.0	5.8	6.1	5.8	6.6	5.5	5.7
TOP GUN II (JR-324)	3.5	5.9	5.8	5.9	5.8	6.3	5.2	5.7
ZOOM (LCK)	3.8	5.2	5.6	5.8	6.1	6.6	5.8	5.7
BAR LP 4317	3.7	5.2	5.6	6.3	6.1	6.1	5.1	5.6
CITATION FORE	3.3	5.2	5.7	6.0	6.0	6.2	5.4	5.6
GOALKEEPER II (JR-114)	3.2	6.0	5.8	5.8	5.8	6.3	5.2	5.6
MANHATTAN 5 GLR (PST-2AM)	3.3	5.1	5.6	6.1	5.8	6.3	5.3	5.6
NOTABLE (AF)	4.0	5.0	5.8	5.8	5.8	6.1	5.6	5.6
REPELL GLS	3.5	4.8	5.8	5.8	5.9	5.9	5.7	5.6

TABLE 28. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ 3/

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
BREA (04-BRE)	3.7	5.2	5.3	5.8	6.1	6.3	5.2	5.5
DEFENDER (D04-UP)	3.3	4.9	5.4	5.8	5.9	6.2	5.5	5.5
E-99	3.5	5.3	4.9	5.8	5.9	6.2	5.2	5.5
PANTHER GLS	4.2	5.2	5.4	5.8	5.7	6.0	5.3	5.5
PST-2BLK	3.7	5.6	5.5	5.7	5.8	6.0	5.0	5.5
ACCENT II (JR-119)	4.0	5.3	5.3	5.8	5.5	5.9	5.2	5.4
BARLENNIUM	3.5	4.9	5.2	6.0	6.1	6.1	4.8	5.4
INSPIRE	3.8	5.2	5.5	5.6	5.8	5.9	4.9	5.4
LS 2300 (APR 1670)	3.5	4.4	5.4	6.0	5.8	5.9	4.8	5.4
PENTIUM	3.8	4.8	5.2	5.8	5.9	6.0	5.0	5.4
RINGER II (04-BEN)	3.5	5.3	5.5	5.7	5.7	5.9	5.2	5.4
PALMER III	3.7	4.7	5.1	5.7	5.7	5.8	5.0	5.3
PST-217	3.7	5.3	4.9	5.6	5.6	6.1	5.0	5.3
BRIGHTSTAR SLT	3.5	4.7	5.3	5.5	5.5	5.8	4.8	5.2
CADDIESHACK II (JR-163)	3.2	5.3	5.3	5.4	5.4	5.7	4.5	5.2
PLATEAU (PST-2LAN)	3.3	5.3	5.3	5.7	5.4	5.7	4.7	5.2
DP 17-9788	3.3	4.7	5.1	5.5	5.6	5.3	4.6	5.1
PREMIER II	3.3	4.8	5.2	5.7	5.7	5.5	4.3	5.1
SRX 4682	3.8	4.7	5.0	5.3	5.7	5.7	4.6	5.1
PANTHER	3.3	4.3	4.8	4.9	5.3	5.0	4.2	4.7
LPR 02203	2.7	4.3	4.6	4.9	5.0	4.8	3.9	4.5
AFFINITY	3.0	3.8	4.2	4.6	4.8	4.6	4.1	4.3
PINNACLE	3.0	3.2	4.2	4.3	4.5	4.4	4.4	4.2
PREMIER	2.8	3.3	4.3	4.6	4.5	4.6	4.3	4.2
LINN	2.0	2.3	2.9	2.3	2.2	2.1	2.6	2.4
LSD VALUE	1.1	1.3	0.7	0.6	0.5	0.7	0.5	0.5
C.V. (%)	19.8	22.4	15.2	12.1	11.1	14.4	12.9	11.3

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.

3/ TURFGRASS QUALITY RATED IN 2005-08.

TABLE 29. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
2005-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
UNO (D04-11T)	5.1	4.6	4.6	5.0	6.1	6.2	6.0	5.9	6.0	5.2	6.2	6.0	5.6
DERBY XTREME (IS-PR 268)	4.9	4.7	4.9	5.1	5.3	5.3	5.4	5.3	5.8	6.1	6.6	6.1	5.5
ZOOM (LCK)	5.2	4.8	4.7	4.7	5.2	6.0	5.8	5.1	6.0	6.0	6.1	5.9	5.5
HOMERUN (RG3P)	4.6	4.4	4.4	4.7	6.0	5.7	6.0	5.4	6.1	5.8	5.7	6.0	5.4
PALMER IV	4.7	4.7	4.7	5.1	5.7	5.8	5.1	4.7	5.8	5.8	6.2	6.1	5.4
SR 4600 (SRX 4SP)	4.9	5.1	5.0	5.4	5.3	5.0	5.6	4.8	5.7	6.0	5.9	5.7	5.4
ALLSTAR 3 (IS-PR 274)	4.8	4.8	4.4	4.9	5.6	5.9	5.3	5.1	6.0	5.2	6.0	5.9	5.3
CHIVALRY (APR 1648)	4.6	4.4	4.4	5.1	5.4	5.7	5.6	5.6	6.0	5.9	5.8	5.7	5.3
FIESTA 4 (PICK F4)	4.7	4.7	4.4	4.7	5.3	5.7	5.2	5.6	5.9	5.3	6.2	5.7	5.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.7	4.6	4.3	4.2	5.2	5.0	5.3	5.1	6.0	5.9	6.3	5.6	5.2
EXACTA II GLSR (LTP-611-GLSR)	4.8	4.7	4.6	5.2	5.4	5.3	5.3	4.8	5.2	5.3	6.1	5.8	5.2
APPLE GL (AAZ-B104)	4.9	4.8	4.9	4.9	5.2	5.0	4.7	5.0	4.9	5.3	5.7	5.6	5.1
CITATION FORE	4.4	4.8	4.3	4.9	5.3	4.9	5.7	5.4	5.9	5.2	5.3	5.2	5.1
D04-LP05	4.4	4.6	4.4	5.2	6.1	5.2	5.3	5.1	5.3	5.3	5.2	4.8	5.1
MMW	4.8	4.7	4.3	4.4	5.2	5.4	5.6	4.7	5.2	5.7	6.0	5.2	5.1
PALACE (IS-PR 273)	4.6	4.3	4.3	4.3	4.8	5.0	5.7	5.2	5.7	5.4	6.2	5.4	5.1
PALMER GLS (GL-2)	4.6	4.8	4.4	4.9	5.6	4.9	5.4	4.7	5.3	5.2	5.8	5.7	5.1
PALMER V (RNS)	4.8	4.9	4.7	4.8	5.3	5.0	5.0	5.0	5.4	5.1	5.6	5.4	5.1
PIZZAZZ	4.6	4.6	4.2	4.3	4.7	5.4	5.7	5.2	5.8	5.4	5.6	5.3	5.1
PRIMARY (IS-PR 269)	4.6	4.7	4.4	4.4	5.3	5.3	5.4	5.1	5.3	5.0	5.8	5.4	5.1
PROTOTYPE (DCM)	4.8	4.6	4.7	5.0	5.7	5.2	5.4	4.9	5.4	5.0	5.4	5.3	5.1
REGAL 5 (IS-PR 271)	4.6	4.4	4.1	4.0	5.3	5.2	5.8	5.3	5.3	5.6	5.7	5.6	5.1
ATTRIBUTE (IS-PR 270)	4.1	4.3	4.6	4.1	5.0	5.3	5.2	5.0	5.1	5.7	6.0	5.1	5.0
BUENA VISTA	4.8	4.7	4.4	4.7	5.2	4.3	4.8	4.2	5.2	5.1	6.0	6.0	5.0
DASHER 3 (PICK RB-1)	4.9	4.6	4.4	4.4	5.3	5.1	4.9	4.7	5.0	4.8	5.7	5.7	5.0
FOREVER (DP 17-9499)	4.3	4.4	4.4	4.4	4.8	5.3	5.8	5.3	5.6	5.0	4.9	5.2	5.0
KEYSTONE 2 (IS-PR 312)	4.3	4.2	4.6	4.2	5.6	5.7	5.7	5.0	5.4	5.0	5.2	5.2	5.0
LINE DRIVE GLS (APR 1797)	4.2	4.1	4.0	4.2	5.1	5.7	5.8	5.1	6.0	5.6	5.4	5.2	5.0
OVERDRIVE	4.6	4.8	4.2	4.6	5.0	5.2	5.2	5.0	5.3	5.6	5.1	5.0	5.0
PARAGON GLR	4.8	4.7	4.4	4.7	5.0	5.1	5.0	4.9	5.3	4.8	5.6	5.6	5.0
SILVER DOLLAR	4.3	4.4	4.1	4.2	4.8	5.2	5.6	5.2	6.1	5.7	5.1	5.7	5.0
SOPRANO (DP1)	4.7	4.9	4.4	4.4	5.3	4.7	5.0	4.9	5.4	5.2	6.0	5.2	5.0
STELLAR GL (IS-PR 236)	4.6	4.1	4.4	4.7	5.1	5.4	5.3	4.7	5.3	5.1	6.0	5.6	5.0
TRANSFORMER (D04-1667)	4.1	4.0	4.4	4.7	5.1	4.8	5.2	5.0	5.7	5.8	5.4	5.2	5.0
1G SQUARED (APR 1664)	4.4	4.2	4.3	4.6	5.6	5.1	5.0	4.6	5.6	5.1	5.2	5.2	4.9
AMAZING GS (IS-PR 276)	4.8	4.4	4.4	4.2	5.3	4.7	5.1	4.9	5.4	5.0	5.4	5.0	4.9
DEFENDER (D04-UP)	4.4	4.2	4.3	4.7	5.0	4.7	4.9	4.3	5.1	5.3	5.8	5.7	4.9
E-99	4.3	4.3	4.0	4.8	5.3	5.0	5.1	5.3	5.1	5.4	5.2	5.3	4.9
EDGE II (AC2)	4.4	4.2	4.0	4.3	5.1	5.1	5.6	4.9	5.6	5.4	5.2	5.0	4.9
GALATTI (DP 17-9502)	4.1	4.4	4.0	4.4	5.3	5.7	5.6	5.0	5.1	4.9	5.1	5.1	4.9
KOKOMO II (IS-PR 235)	5.1	4.8	4.4	4.7	5.0	4.9	4.4	4.4	4.8	5.2	5.7	5.6	4.9
PHENOM (APR 1660)	4.3	4.4	4.3	4.3	5.2	4.6	5.3	5.1	5.8	5.1	5.1	4.8	4.9
REPELL GLS	4.4	4.2	4.2	4.8	5.3	4.7	5.2	4.4	6.0	5.3	5.4	5.2	4.9
REVENGE GLX (JR-348)	4.6	4.3	4.3	4.7	5.3	5.1	5.0	4.7	5.0	5.1	5.4	5.0	4.9
ASP6003 (TRS)	4.4	4.4	4.0	4.1	5.3	5.1	5.1	4.4	5.4	4.9	4.9	4.9	4.8
BACCARAT (RAD-PR8)	4.3	4.2	3.7	4.0	5.0	5.2	5.4	5.2	5.4	5.2	4.8	4.9	4.8

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2005-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CABO II (IS-PR 233)	4.4	4.6	3.8	4.1	4.8	5.1	5.1	4.6	4.8	5.0	5.7	5.3	4.8
CUTTER II (PM 101)	4.6	4.3	4.0	4.0	4.7	5.7	5.7	4.6	4.9	5.3	5.0	5.3	4.8
DART (APR 1663)	4.6	4.2	4.3	4.7	5.0	4.7	4.4	4.9	5.2	5.4	5.0	5.1	4.8
FUSION	4.9	4.4	4.2	4.1	5.0	4.4	4.4	4.3	5.2	5.6	5.6	5.7	4.8
GRAND SLAM 2 (PST-2GSM)	4.6	4.3	4.0	4.6	5.0	4.6	4.9	5.0	5.2	5.4	5.3	5.2	4.8
MACH I	4.4	4.0	4.2	4.3	5.1	5.1	5.3	5.0	5.1	5.1	5.2	4.8	4.8
PANTHER GLS	4.6	4.3	3.9	4.7	5.1	4.9	5.1	4.8	4.9	5.3	5.0	4.9	4.8
PIANIST (DP 17-9505)	4.3	3.9	3.7	4.3	4.9	5.3	5.4	5.2	5.7	5.3	4.8	5.1	4.8
PROTEGE GLR	5.1	4.4	4.4	4.3	5.2	5.1	4.8	4.7	4.6	4.7	5.0	5.7	4.8
SECRETARIAT II GLSR (LTP-101-GLSR)	4.4	4.3	3.9	4.8	5.0	4.6	4.6	4.9	5.3	5.1	5.0	5.1	4.8
TR47	4.0	4.2	4.0	4.4	4.9	5.1	5.3	5.0	5.3	4.9	5.0	4.8	4.8
ASP6002 (BPR)	4.3	4.2	3.7	3.9	5.0	5.3	5.3	4.8	5.0	4.9	4.8	4.7	4.7
ASP6006 (LPFG)	4.2	4.3	3.7	4.3	5.1	4.9	4.6	4.3	5.2	5.0	5.1	5.2	4.7
BAR LP 4920	4.3	4.2	3.9	4.3	4.8	4.9	5.1	4.9	5.0	5.3	5.0	4.8	4.7
BRIGHTSTAR SLT	4.1	3.9	3.8	4.8	4.9	5.1	5.2	5.0	5.0	5.1	4.7	4.8	4.7
CALYPSO 3 (MS2)	4.3	4.1	3.7	4.2	4.8	4.9	5.0	5.0	5.0	5.6	5.0	4.9	4.7
GRAY STAR (PST-2LGL)	4.3	4.0	4.0	4.2	5.0	4.6	5.0	4.7	5.3	5.3	4.9	4.9	4.7
HARRIER (SRX 4UP3)	4.7	4.6	4.4	4.6	4.9	5.0	5.0	4.3	4.4	4.8	5.1	4.6	4.7
LS 2300 (APR 1670)	4.0	4.0	3.8	4.3	5.4	5.0	5.0	5.0	5.6	4.9	4.6	4.9	4.7
MANHATTAN 5 GLR (PST-2AM)	4.2	4.1	4.1	4.6	4.8	4.6	4.8	5.1	5.8	5.1	5.0	4.3	4.7
NOTABLE (AF)	4.2	4.6	4.1	5.0	4.8	4.9	5.2	4.2	4.8	4.9	5.0	5.0	4.7
PICK 02-R	4.4	4.3	4.0	4.0	4.7	5.3	4.7	4.3	5.0	5.2	5.0	4.9	4.7
PST-217	4.4	4.0	4.2	4.6	4.9	5.1	5.0	4.6	5.1	4.9	4.8	4.8	4.7
PST-2BLK	4.2	4.1	4.1	4.7	5.0	5.0	4.9	4.7	5.2	5.3	4.6	4.7	4.7
SUNSHINE 2	4.3	4.4	3.9	4.3	5.0	4.9	4.7	4.3	4.9	4.9	5.4	5.3	4.7
ASP6004 (EXS54)	4.2	4.1	3.9	4.4	4.9	4.9	5.1	4.8	4.8	5.0	4.8	4.9	4.6
BAR LP 4317	3.7	4.1	3.8	4.2	4.9	4.7	5.6	5.0	4.9	4.9	4.7	4.7	4.6
DELAWARE XL (PICK 01-2)	4.2	4.0	3.9	3.9	4.7	4.8	4.9	4.2	4.9	5.0	5.3	4.9	4.6
DP 17-9788	3.9	4.1	3.9	4.3	4.8	4.7	5.2	5.0	4.8	5.2	4.8	4.9	4.6
HEADSTART 2	4.3	3.9	4.0	4.0	4.9	5.0	5.1	4.4	4.8	5.1	4.6	4.6	4.6
MAJESTY II (VB77)	4.1	4.1	3.8	3.9	4.8	4.8	5.4	4.2	4.8	4.9	5.1	5.1	4.6
PACESETTER II (PS-2)	4.0	3.9	3.7	3.8	4.9	4.9	5.4	4.8	4.9	5.1	4.6	4.8	4.6
PINNACLE II	4.3	4.1	3.8	4.0	4.7	4.6	5.0	4.7	5.2	5.0	5.0	5.1	4.6
PLATEAU (PST-2LAN)	3.9	4.0	3.6	4.3	4.6	4.7	5.1	5.6	5.4	5.4	4.4	4.4	4.6
PLEASURE SUPREME (PM 103)	4.3	4.1	4.1	4.1	5.1	5.1	4.9	4.7	4.6	4.7	4.6	4.7	4.6
PM 102	4.1	4.1	4.1	4.4	5.4	4.9	4.7	4.3	4.6	4.9	4.3	4.8	4.6
PST-2AG4	4.3	4.6	3.9	3.8	4.8	4.8	4.9	4.2	5.0	5.1	5.3	5.1	4.6
QUICKSILVER	4.1	4.2	4.0	4.1	4.9	4.8	5.2	4.4	4.9	4.8	4.8	4.6	4.6
TOP GUN II (JR-324)	3.8	3.8	4.0	4.1	4.7	5.1	4.8	4.9	5.3	5.3	5.1	4.9	4.6
WAYFARER (L44)	4.0	3.9	3.8	3.9	5.0	5.2	5.0	4.6	5.0	5.0	4.8	5.1	4.6
WIND DANCE 2 (PWDR)	4.2	4.0	4.0	4.1	4.9	5.0	4.8	4.7	5.2	5.4	5.0	4.4	4.6
ACCENT II (JR-119)	4.0	4.0	3.7	4.0	4.7	5.1	5.4	4.6	5.0	4.7	4.9	4.6	4.5
BAR LP 4420	4.3	3.9	4.1	4.2	4.7	5.2	5.1	4.2	4.2	4.9	4.8	4.7	4.5
ES45	4.1	4.1	3.6	3.8	5.0	4.8	5.3	4.4	5.0	4.6	5.0	4.7	4.5
FIJI (GPR)	4.1	4.2	4.0	4.1	4.8	4.8	4.7	4.3	4.9	4.7	4.7	5.1	4.5
GRAY FOX (PST-2MNG)	4.2	4.2	3.9	4.3	4.8	4.9	4.3	4.6	5.0	5.0	4.2	4.8	4.5

TABLE 29. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
2005-09 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LA QUINTA (JR-255)	4.1	4.3	4.1	4.3	5.2	4.9	4.8	4.2	4.7	4.7	4.4	4.3	4.5
MONTEREY 3 (JR-408)	3.7	3.8	3.7	3.9	4.4	5.0	5.4	4.9	5.2	5.0	4.9	4.7	4.5
NEXUS XR (SNR)	4.1	3.9	4.2	4.1	4.9	5.2	4.8	4.4	4.8	4.4	4.6	4.7	4.5
PENTIUM	4.0	3.9	3.7	4.4	4.9	4.8	4.8	4.9	4.8	4.9	4.6	4.6	4.5
PRESIDIO (CNV)	4.1	3.8	3.9	4.0	4.8	4.9	4.4	4.2	4.8	5.0	4.9	4.8	4.5
RINGER II (04-BEN)	4.1	4.2	3.9	4.2	4.8	4.6	4.7	4.6	4.8	4.9	4.3	4.9	4.5
ASP6001 (RTS)	3.8	3.8	3.4	3.7	4.8	5.1	4.7	4.8	5.1	4.7	4.3	4.4	4.4
ASP6005 (AJM)	4.0	3.9	3.4	3.7	4.6	5.0	5.1	4.6	4.6	4.8	4.3	4.4	4.4
BREA (04-BRE)	3.8	3.9	3.9	3.9	4.4	4.4	4.6	4.7	4.7	5.0	4.8	4.4	4.4
GOALKEEPER II (JR-114)	3.8	3.8	3.7	4.0	4.9	4.9	4.8	4.6	4.8	4.6	4.1	4.4	4.4
HALO (KN42)	4.1	3.8	3.7	3.9	4.6	4.7	4.7	4.7	4.7	4.6	4.7	4.8	4.4
HAWKEYE 2 (SRX 4692)	4.0	4.0	3.7	3.9	5.0	4.7	5.0	4.7	4.7	4.7	4.2	4.6	4.4
INSPIRE	3.8	3.6	3.7	4.2	4.6	5.0	5.1	4.3	4.8	5.0	4.2	4.3	4.4
SRX 4682	3.9	3.8	3.4	4.2	4.7	4.6	4.8	4.6	4.6	5.2	4.4	4.4	4.4
VB99	4.0	4.1	4.0	4.0	4.4	4.4	4.4	4.2	4.6	4.7	4.8	4.6	4.4
PALMER III	3.7	3.8	3.8	3.9	4.7	4.6	5.1	4.8	4.8	4.6	4.6	4.0	4.3
PANTHER	3.6	3.4	3.6	3.9	4.4	4.6	5.0	4.8	5.0	4.9	4.2	4.1	4.3
PREMIER II	3.9	3.9	3.2	4.1	4.7	4.7	5.0	4.3	5.1	4.6	4.4	4.2	4.3
BARLENNIUM	3.6	3.6	3.1	3.7	4.4	4.4	4.9	4.6	4.6	5.0	4.1	4.2	4.2
FIREBOLT (PRG HS-01-09)	4.1	3.9	3.3	3.6	4.1	4.4	5.3	3.9	4.3	4.3	4.2	4.7	4.2
NEXUS XD (SP4)	3.9	4.0	3.6	3.8	4.2	4.8	4.3	4.2	4.7	4.6	4.0	3.9	4.2
AFFINITY	3.7	3.4	3.0	4.1	4.4	4.7	4.9	4.6	4.6	4.3	4.0	4.1	4.1
LPR 02203	3.4	3.6	3.6	4.2	4.8	4.1	4.6	3.8	4.2	4.4	4.2	4.0	4.1
PINNACLE	3.8	3.4	3.3	4.2	4.2	4.3	4.4	4.6	4.8	4.3	4.0	4.0	4.1
PREMIER	3.7	3.6	3.7	4.1	4.8	4.4	4.7	4.4	4.4	4.1	3.9	4.0	4.1
CADDIESHACK II (JR-163)	3.4	3.7	3.4	3.6	4.1	4.4	4.7	4.4	4.3	4.8	3.7	4.0	4.0
LINN	3.6	2.9	3.1	3.0	3.1	3.2	3.6	3.3	3.9	3.7	3.7	3.1	3.3
LSD VALUE	0.6	0.6	0.7	0.8	1.1	1.3	5.5	1.3	1.4	1.1	1.5	3.3	0.4
C.V. (%)	14.8	14.9	17.7	17.4	18.2	19.5	27.5	19.8	20.9	17.7	26.2	30.5	10.0

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

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

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

TABLE 29.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
2005-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	MOWING QUALITY	FALL COLOR OCTOBER	DISEASE COMPLEX **/ RATINGS ***	DISEASE RATINGS ***
UNO (D04-11T)	7.6	8.3	8.0	9.0	70.0	98.3	99.0	5.7	7.3	5.7	3.7
DERBY XTREME (IS-PR 268)	8.2	8.3	7.0	7.7	73.3	95.5	99.0	6.0	7.7	6.0	5.3
ZOOM (LCK)	7.3	8.3	7.7	8.3	70.0	98.3	98.3	5.3	7.0	6.7	4.7
HOMERUN (RG3P)	7.3	8.3	7.3	8.0	76.7	98.3	98.3	6.7	6.7	5.7	4.7
PALMER IV	8.0	8.5	7.7	8.3	76.7	97.5	98.3	4.7	7.7	4.7	4.3
SR 4600 (SRX 4SP)	7.8	8.5	7.3	8.0	73.3	91.2	98.3	5.7	8.0	5.3	4.7
ALLSTAR 3 (IS-PR 274)	7.4	8.3	7.7	8.0	80.0	97.7	98.3	5.7	7.7	4.3	4.0
CHIVALRY (APR 1648)	8.3	8.2	7.7	8.0	76.7	97.7	99.0	9.0	7.3	5.0	4.0
FIESTA 4 (PICK F4)	7.9	8.3	7.3	8.0	66.7	98.3	99.0	6.7	7.7	4.7	4.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	7.4	8.0	6.7	7.7	66.7	98.3	99.0	7.7	7.3	4.7	3.7
EXACTA II GLSR (LTP-611-GLSR)	8.3	8.3	7.3	8.7	73.3	97.7	97.7	4.3	8.0	5.3	4.3
APPLE GL (AAZ-B104)	7.8	8.0	6.7	8.0	80.0	96.3	97.5	5.3	7.3	5.3	4.3
CITATION FORE	7.1	8.2	7.7	8.0	70.0	97.7	98.3	9.0	7.0	5.0	4.0
D04-LP05	7.4	8.3	7.0	8.3	70.0	97.5	98.3	6.3	7.0	5.0	3.7
MMW	7.8	8.5	7.7	8.3	76.7	98.3	97.7	6.0	8.0	4.7	4.7
PALACE (IS-PR 273)	8.2	8.3	7.7	8.3	63.3	98.3	97.5	8.0	8.0	5.7	4.0
PALMER GLS (GL-2)	7.6	8.7	7.3	8.7	70.0	99.0	98.3	5.0	7.7	5.7	4.3
PALMER V (RNS)	7.2	8.3	6.3	8.7	73.3	97.5	98.3	5.0	7.3	6.3	4.3
PIZZAZZ	7.6	8.5	8.3	8.3	73.3	99.0	98.3	7.3	7.7	5.0	4.7
PRIMARY (IS-PR 269)	7.1	7.8	6.7	8.0	70.0	98.3	97.0	6.0	6.7	5.3	3.7
PROTOTYPE (DCM)	6.9	8.3	7.7	8.0	76.7	97.7	98.3	6.0	6.3	4.7	4.3
REGAL 5 (IS-PR 271)	8.1	8.2	7.7	7.7	73.3	99.0	97.0	8.3	7.7	4.3	3.7
ATTRIBUTE (IS-PR 270)	7.7	8.2	7.0	8.3	66.7	98.3	96.8	7.0	7.7	5.0	3.7
BUENA VISTA	7.7	8.5	7.0	8.3	70.0	99.0	97.0	5.0	8.3	6.0	4.0
DASHER 3 (PICK RB-1)	7.2	8.3	6.7	8.0	73.3	96.8	96.8	4.3	7.0	5.7	4.0
FOREVER (DP 17-9499)	8.1	8.3	8.0	8.0	66.7	96.8	97.7	8.3	7.0	6.3	3.7
KEYSTONE 2 (IS-PR 312)	7.2	8.2	7.3	7.3	66.7	98.3	98.3	5.3	7.0	4.7	4.3
LINE DRIVE GLS (APR 1797)	7.1	8.3	7.0	8.0	73.3	97.7	98.3	7.7	6.7	4.7	4.3
OVERDRIVE	7.3	8.0	7.7	8.3	73.3	98.3	96.8	8.0	6.7	5.7	4.0
PARAGON GLR	7.7	8.5	7.7	8.3	66.7	99.0	98.3	5.0	6.7	5.7	4.3
SILVER DOLLAR	7.8	8.2	7.0	7.7	70.0	97.7	98.3	8.3	7.0	4.7	4.3
SOPRANO (DP1)	7.8	8.3	6.7	8.7	76.7	96.2	98.3	5.7	7.7	5.3	4.3
STELLAR GL (IS-PR 236)	8.2	8.3	6.7	8.0	70.0	98.3	99.0	5.0	7.7	4.0	5.0
TRANSFORMER (D04-1667)	6.7	7.7	6.3	8.3	66.7	98.3	98.3	7.0	7.0	5.3	3.7
1G SQUARED (APR 1664)	7.1	8.5	7.0	8.7	63.3	99.0	98.3	5.7	6.7	4.7	4.3
AMAZING GS (IS-PR 276)	8.0	8.3	7.0	8.3	73.3	96.8	96.2	6.0	7.0	6.3	4.3
DEFENDER (D04-UP)	7.1	8.3	7.0	8.0	63.3	99.0	97.0	5.3	7.7	5.3	4.0
E-99	6.8	8.2	6.3	8.3	63.3	98.3	96.2	6.0	6.7	5.0	3.7
EDGE II (AC2)	8.2	8.3	8.0	7.7	66.7	98.3	97.7	7.7	7.0	4.7	4.3
GALATTI (DP 17-9502)	7.6	7.8	7.7	7.7	70.0	97.7	97.7	7.7	7.7	5.0	3.7
KOKOMO II (IS-PR 235)	8.2	8.5	6.7	8.0	73.3	91.3	96.8	5.3	7.3	5.7	5.3
PHENOM (APR 1660)	7.4	8.0	7.0	7.7	73.3	96.2	98.3	6.7	6.7	5.0	4.0
REPELL GLS	7.0	7.7	6.3	8.7	70.0	97.7	99.0	5.3	6.3	4.7	4.3
REVENGE GLX (JR-348)	7.9	8.5	7.3	8.3	73.3	98.3	98.3	7.0	7.7	5.7	4.7
ASP6003 (TRS)	8.7	8.0	8.0	7.7	76.7	96.8	98.3	8.0	8.0	4.0	3.7
BACCARAT (RAD-PR8)	7.1	7.7	7.3	7.3	66.7	97.0	97.7	8.7	6.3	4.7	4.0

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2005-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	MOWING QUALITY	FALL COLOR OCTOBER	DISEASE COMPLEX**/	DISEASE RATINGS***/
CABO II (IS-PR 233)	8.8	7.5	7.0	7.7	66.7	96.8	96.8	6.7	7.3	5.3	3.7
CUTTER II (PM 101)	8.1	8.0	7.3	7.3	70.0	97.7	97.5	7.3	7.3	5.0	4.0
DART (APR 1663)	6.9	8.2	6.7	7.3	66.7	96.3	96.2	6.7	6.7	5.0	4.0
FUSION	7.9	7.8	7.0	7.7	76.7	97.0	96.2	5.0	7.3	5.7	5.3
GRAND SLAM 2 (PST-2GSM)	7.1	7.8	7.0	7.3	66.7	97.0	96.8	6.0	6.0	4.7	3.7
MACH I	7.6	8.2	7.7	8.0	63.3	98.3	96.2	7.3	7.0	4.7	4.0
PANTHER GLS	7.3	8.0	7.3	7.0	70.0	96.8	96.0	7.7	6.7	5.0	3.3
PIANIST (DP 17-9505)	7.6	7.7	6.7	7.7	60.0	98.3	97.5	7.7	6.7	5.0	3.3
PROTEGE GLR	8.0	8.5	7.0	8.3	73.3	95.5	98.3	3.0	8.0	6.0	4.7
SECRETARIAT II GLSR (LTP-101-GLSR)	6.7	8.3	6.7	8.0	73.3	96.3	96.0	6.3	6.7	5.7	3.7
TR47	9.0	7.7	7.3	7.7	66.7	97.5	96.8	8.0	9.0	4.3	4.0
ASP6002 (BPR)	9.0	8.2	8.3	8.0	66.7	97.0	96.0	7.7	8.3	4.7	4.0
ASP6006 (LPFG)	8.6	7.8	7.7	7.3	70.0	97.7	96.8	7.0	7.7	4.0	4.3
BAR LP 4920	7.3	8.0	7.0	7.3	66.7	97.7	96.2	8.3	7.3	4.7	3.7
BRIGHTSTAR SLT	6.9	8.0	6.3	7.7	66.7	97.7	97.7	8.7	6.0	3.7	3.7
CALYPSO 3 (MS2)	8.2	7.8	7.0	7.7	70.0	96.2	96.8	7.3	7.7	4.3	3.3
GRAY STAR (PST-2LGL)	7.6	7.8	7.3	7.3	70.0	95.5	96.2	6.0	7.3	5.0	3.7
HARRIER (SRX 4UP3)	7.1	8.3	6.3	7.7	70.0	97.0	97.7	3.7	7.0	5.7	4.3
LS 2300 (APR 1670)	7.0	7.8	6.7	7.3	66.7	96.8	97.5	8.3	6.3	3.7	4.0
MANHATTAN 5 GLR (PST-2AM)	7.0	8.2	6.7	7.7	66.7	97.0	96.8	8.0	6.7	4.7	3.7
NOTABLE (AF)	6.8	7.8	7.3	7.7	73.3	97.0	96.2	5.0	7.0	5.0	3.3
PICK 02-R	8.8	8.2	7.7	7.0	80.0	95.5	96.2	7.7	8.0	4.3	4.0
PST-217	7.2	8.3	7.7	8.0	70.0	97.7	96.2	7.7	7.0	5.0	4.3
PST-2BLK	8.1	7.8	6.0	7.3	80.0	98.3	96.8	7.7	7.7	3.7	4.0
SUNSHINE 2	8.7	8.0	8.3	7.0	73.3	95.5	96.2	7.0	8.3	3.7	4.0
ASP6004 (EXS54)	8.3	8.2	7.3	7.7	70.0	97.0	98.3	7.0	7.7	4.7	4.3
BAR LP 4317	6.2	7.5	7.3	7.7	70.0	97.0	97.0	7.7	6.0	4.3	3.3
DELAWARE XL (PICK 01-2)	8.4	8.2	7.3	7.7	66.7	97.0	95.3	8.0	8.0	4.0	4.3
DP 17-9788	6.3	7.7	7.0	7.7	66.7	96.3	95.3	8.3	5.7	4.7	3.0
HEADSTART 2	8.7	8.2	7.3	7.3	73.3	97.7	96.2	6.7	8.7	4.0	3.7
MAJESTY II (VB77)	8.4	7.7	8.0	7.3	63.3	99.0	97.0	8.0	7.7	4.0	3.7
PACESETTER II (PS-2)	6.8	7.5	8.0	7.3	70.0	94.7	95.3	7.3	7.0	3.7	3.3
PINNACLE II	7.6	8.0	7.3	7.7	66.7	97.7	96.8	7.0	7.7	5.0	3.7
PLATEAU (PST-2LAN)	7.0	7.5	7.0	6.7	70.0	96.8	96.2	8.3	6.7	4.0	3.0
PLEASURE SUPREME (PM 103)	7.9	8.2	7.3	7.3	70.0	96.2	96.2	6.7	7.3	4.7	4.0
PM 102	8.7	7.8	6.7	6.7	73.3	95.0	97.0	5.3	7.7	4.7	4.3
PST-2AG4	7.8	8.2	6.3	7.3	70.0	97.7	98.3	7.7	7.3	4.7	4.3
QUICKSILVER	7.4	7.8	7.7	7.0	70.0	95.5	96.8	7.3	6.7	4.3	3.7
TOP GUN II (JR-324)	7.6	7.7	7.0	6.7	70.0	96.8	96.2	8.7	8.3	3.3	4.0
WAYFARER (L44)	8.8	8.2	7.7	6.7	70.0	96.2	97.7	8.0	7.3	3.3	3.7
WIND DANCE 2 (PWDR)	8.4	8.2	7.0	7.7	66.7	97.0	97.5	8.3	7.7	4.3	3.7
ACCENT II (JR-119)	6.8	7.5	8.0	7.0	63.3	99.0	95.3	8.0	7.0	3.0	3.3
BAR LP 4420	7.4	8.3	7.7	7.7	66.7	95.7	94.5	6.3	7.3	5.3	4.0
ES45	8.7	7.5	7.7	7.0	70.0	97.7	97.7	7.3	7.7	3.3	3.7
FIJI (GPR)	8.4	7.7	7.3	7.0	70.0	94.5	94.5	7.0	7.3	3.0	3.3
GRAY FOX (PST-2MNG)	6.8	8.0	6.0	8.0	73.3	96.2	96.8	6.7	6.7	5.0	4.0

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2005-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	MOWING QUALITY	FALL COLOR OCTOBER	DISEASE COMPLEX**/	DISEASE RATINGS*** /
LA QUINTA (JR-255)	8.6	8.0	6.7	7.0	73.3	94.5	96.0	6.7	7.3	4.7	4.0
MONTEREY 3 (JR-408)	7.3	7.8	7.7	7.0	63.3	97.7	98.3	9.0	6.7	2.3	4.0
NEXUS XR (SNR)	8.3	8.2	8.3	7.3	60.0	96.2	96.2	7.3	8.0	3.7	4.0
PENTIUM	6.4	7.5	6.7	7.0	63.3	96.3	96.2	6.3	6.0	4.3	3.3
PRESIDIO (CNV)	8.2	7.8	7.7	7.0	70.0	93.2	95.3	7.7	7.7	4.3	4.0
RINGER II (04-BEN)	7.2	7.8	6.7	7.7	63.3	98.3	96.2	5.3	7.0	5.0	3.7
ASP6001 (RTS)	8.3	7.3	8.0	7.3	63.3	97.0	96.8	8.0	8.0	3.3	3.0
ASP6005 (AJM)	8.9	8.2	7.3	7.3	63.3	96.3	96.2	7.7	9.0	4.3	3.3
BREA (04-BRE)	7.3	8.2	6.7	7.3	70.0	96.3	96.8	7.3	6.7	4.0	3.7
GOALKEEPER II (JR-114)	7.6	7.8	7.0	6.7	73.3	95.7	95.3	7.7	6.7	3.0	3.7
HALO (KN42)	8.7	7.5	7.0	7.7	70.0	97.0	95.3	8.3	7.0	4.7	3.7
HAWKEYE 2 (SRX 4692)	7.2	8.0	6.0	7.0	66.7	98.3	96.0	7.7	7.0	4.3	4.0
INSPIRE	6.4	7.7	6.3	7.3	70.0	97.7	96.0	7.0	6.7	4.0	3.7
SRX 4682	6.6	7.7	6.0	6.7	60.0	97.0	95.3	7.7	6.3	4.0	3.3
VB99	8.7	7.5	6.7	6.3	66.7	95.5	96.2	7.0	8.0	4.7	3.3
PALMER III	6.3	7.5	7.3	6.7	60.0	97.0	95.3	8.7	6.0	3.3	3.3
PANTHER	5.9	7.7	6.7	7.3	56.7	97.7	97.0	8.7	6.3	3.3	3.0
PREMIER II	5.8	7.3	7.3	7.0	60.0	94.5	95.3	9.0	6.0	4.7	2.3
BARLENNIUM	6.4	7.3	6.3	7.0	63.3	97.7	95.3	6.7	6.3	3.0	3.3
FIREBOLT (PRG HS-01-09)	8.7	7.5	6.7	6.3	66.7	96.3	96.0	8.0	7.0	4.7	4.0
NEXUS XD (SP4)	8.8	8.0	7.0	6.7	70.0	94.7	96.8	8.3	8.3	3.0	3.3
AFFINITY	5.3	7.7	6.7	7.7	53.3	97.7	94.5	9.0	5.0	5.0	2.7
LPR 02203	5.1	7.5	6.7	7.0	50.0	94.7	94.5	8.3	5.3	3.3	3.3
PINNACLE	5.0	7.5	6.3	8.0	60.0	96.3	94.5	9.0	5.3	3.3	3.3
PREMIER	5.4	7.2	7.0	7.3	60.0	95.5	96.0	9.0	5.3	4.3	2.3
CADDIESHACK II (JR-163)	6.6	7.3	6.3	7.3	66.7	97.0	95.3	7.3	6.7	3.3	2.3
LINN	4.3	6.8	6.0	7.7	60.0	94.0	94.5	8.3	5.0	4.3	3.3
LSD VALUE	0.5	1.3	1.6	1.3	14.3	9.3	14.3	1.4	1.3	1.4	1.1
C.V. (%)	8.2	9.1	10.2	8.7	9.8	3.4	3.4	13.1	10.8	17.9	15.5

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

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

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

**/ DISEASE COMPLEX IN 2005 WAS FUSARIUM PATCH, RED THREAD AND LEAF SPOT DISEASES.

***/ DISEASE IN 2006 WERE BROWN BLIGHT AND RED THREAD DISEASES.

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2005-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	2005	RED THREAD RATINGS					JUNE 2007	MEAN
		JUNE 2006	OCTOBER 2006	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007		
UNO (D04-11T)	6.0	7.0	5.7	6.0	4.3	4.3	6.3	5.7
DERBY XTREME (IS-PR 268)	6.0	6.0	7.7	6.7	6.7	5.3	7.0	6.3
ZOOM (LCK)	6.7	7.0	6.0	6.3	5.0	4.7	7.7	6.3
HOMERUN (RG3P)	6.3	6.3	6.0	5.3	4.3	4.7	6.0	5.7
PALMER IV	5.3	5.3	5.0	6.0	5.0	4.7	7.3	5.6
SR 4600 (SRX 4SP)	5.3	5.7	6.0	5.7	4.3	3.7	6.7	5.3
ALLSTAR 3 (IS-PR 274)	5.0	6.3	5.7	6.0	5.3	4.7	7.3	5.6
CHIVALRY (APR 1648)	5.3	6.0	6.7	6.0	5.3	4.0	6.3	5.5
FIESTA 4 (PICK F4)	5.0	5.7	6.3	7.0	5.3	5.0	7.0	5.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.3	6.3	7.7	6.3	4.3	4.3	6.3	5.6
EXACTA II GLSR (LTP-611-GLSR)	5.7	5.3	6.0	6.0	5.0	4.3	5.3	5.4
APPLE GL (AAZ-B104)	5.7	6.3	6.0	6.0	4.7	4.3	5.0	5.4
CITATION FORE	5.0	6.0	6.3	6.0	5.3	5.0	5.7	5.4
D04-LP05	6.0	5.7	6.3	5.0	4.3	4.3	5.3	5.4
MMW	4.7	6.3	6.0	5.7	4.3	4.7	7.0	5.4
PALACE (IS-PR 273)	5.0	5.7	6.3	6.3	5.3	4.3	6.7	5.5
PALMER GLS (GL-2)	5.3	5.3	4.7	6.3	4.3	4.3	5.3	5.1
PALMER V (RNS)	5.0	5.0	6.3	6.0	4.0	3.3	7.0	5.2
PIZZAZZ	5.0	6.7	6.3	5.3	5.0	4.0	5.7	5.2
PRIMARY (IS-PR 269)	5.7	5.7	5.3	6.0	5.3	4.3	6.3	5.5
PROTOTYPE (DCM)	5.3	6.3	6.7	5.0	4.7	4.7	5.7	5.4
REGAL 5 (IS-PR 271)	5.7	5.0	5.7	5.0	4.0	4.0	6.7	5.3
ATTRIBUTE (IS-PR 270)	4.3	5.0	5.7	6.0	5.0	4.0	7.0	5.1
BUENA VISTA	5.7	4.3	6.3	6.7	5.0	5.0	5.7	5.5
DASHER 3 (PICK RB-1)	5.7	5.7	4.3	5.3	4.3	3.7	6.3	5.2
FOREVER (DP 17-9499)	6.0	5.0	4.3	4.7	3.7	3.0	6.0	5.0
KEYSTONE 2 (IS-PR 312)	5.7	6.3	6.3	5.7	4.3	3.7	6.3	5.4
LINE DRIVE GLS (APR 1797)	5.0	6.7	6.3	5.3	5.0	4.0	6.3	5.3
OVERDRIVE	5.3	5.7	6.0	5.3	5.0	4.3	5.3	5.2
PARAGON GLR	5.0	4.7	4.0	5.3	3.7	3.7	6.3	4.8
SILVER DOLLAR	5.7	5.7	6.7	5.7	4.3	4.7	5.7	5.5
SOPRANO (DP1)	5.7	4.7	7.0	6.3	5.0	4.7	6.3	5.6
STELLAR GL (IS-PR 236)	4.7	7.7	7.3	6.0	5.0	4.3	6.3	5.5
TRANSFORMER (D04-1667)	5.7	6.3	7.3	4.7	3.7	3.3	5.7	5.2
1G SQUARED (APR 1664)	5.3	5.3	6.0	5.3	3.3	4.0	6.0	5.1
AMAZING GS (IS-PR 276)	5.7	4.0	5.3	5.0	3.7	3.7	6.0	5.0
DEFENDER (D04-UP)	5.7	6.0	5.7	5.3	4.3	4.0	6.0	5.3
E-99	5.0	5.7	6.0	5.7	5.0	4.3	6.0	5.3
EDGE II (AC2)	5.0	4.7	5.0	5.3	3.7	4.0	5.3	4.8
GALATTI (DP 17-9502)	4.7	6.0	5.0	4.7	3.7	3.3	5.7	4.7
KOKOMO II (IS-PR 235)	6.0	5.7	6.0	6.0	4.7	4.7	6.0	5.6
PHENOM (APR 1660)	4.0	5.3	6.0	4.0	3.3	3.3	6.0	4.4
REPELL GLS	5.3	5.7	4.7	5.0	3.7	3.0	5.7	4.8
REVENGE GLX (JR-348)	5.7	5.7	6.3	5.3	5.0	3.7	5.7	5.3
ASP6003 (TRS)	6.3	5.7	6.0	5.0	4.0	4.7	5.3	5.5
BACCARAT (RAD-PR8)	5.3	5.3	5.3	5.7	5.3	4.3	6.3	5.4

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2005-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	2005	RED THREAD RATINGS					JUNE 2007	MEAN
		JUNE 2006	OCTOBER 2006	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007		
CABO II (IS-PR 233)	5.3	6.0	5.7	5.0	5.0	4.3	5.3	5.2
CUTTER II (PM 101)	5.0	6.7	5.7	6.0	4.3	4.7	6.0	5.3
DART (APR 1663)	6.0	5.3	5.7	4.3	4.7	4.0	5.3	5.2
FUSION	5.7	4.7	6.0	5.3	4.7	5.3	5.3	5.4
GRAND SLAM 2 (PST-2GSM)	6.7	5.0	5.0	5.7	6.0	5.3	5.0	5.8
MACH I	5.3	5.0	4.3	4.3	3.3	3.7	5.3	4.7
PANTHER GLS	4.7	5.0	5.0	5.7	4.7	4.3	5.0	4.8
PIANIST (DP 17-9505)	5.0	6.7	5.0	4.3	3.0	2.7	5.7	4.6
PROTEGE GLR	5.3	5.3	6.0	5.7	4.7	4.3	5.7	5.3
SECRETARIAT II GLSR (LTP-101-GLSR)	4.0	4.0	5.3	4.3	3.3	3.0	5.7	4.2
TR47	5.0	7.0	6.0	5.0	4.0	3.3	6.0	5.1
ASP6002 (BPR)	6.0	6.0	4.0	4.7	4.7	4.0	5.7	5.2
ASP6006 (LPFG)	5.7	6.0	5.3	5.0	4.3	4.0	5.0	5.1
BAR LP 4920	5.0	5.7	4.7	5.3	3.7	3.7	4.7	4.7
BRIGHTSTAR SLT	4.0	6.0	6.0	4.3	3.3	3.3	6.3	4.6
CALYPSO 3 (MS2)	5.0	6.3	5.0	5.7	4.0	3.7	5.7	5.0
GRAY STAR (PST-2LGL)	5.7	4.3	6.0	5.0	3.0	4.3	5.3	5.0
HARRIER (SRX 4UP3)	4.7	6.0	5.3	4.3	3.3	3.7	6.7	4.9
LS 2300 (APR 1670)	5.0	6.0	4.7	5.0	5.0	3.7	5.7	4.9
MANHATTAN 5 GLR (PST-2AM)	4.0	4.0	5.3	5.0	3.3	3.7	6.3	4.5
NOTABLE (AF)	5.7	4.7	4.3	5.0	4.0	3.3	6.7	5.1
PICK 02-R	4.7	5.7	4.3	5.0	4.3	4.0	5.0	4.7
PST-217	5.3	6.3	4.7	4.3	3.7	3.7	5.0	4.8
PST-2BLK	5.7	7.0	6.0	5.0	4.3	4.0	6.0	5.4
SUNSHINE 2	5.0	4.3	5.7	5.7	4.0	4.7	5.3	5.0
ASP6004 (EXS54)	6.3	6.0	5.7	5.3	4.0	4.0	5.3	5.4
BAR LP 4317	4.0	5.3	5.0	5.3	4.0	3.0	5.0	4.3
DELAWARE XL (PICK 01-2)	5.0	4.3	5.3	5.7	4.7	3.7	5.3	4.8
DP 17-9788	4.3	4.3	5.7	5.7	3.7	4.0	5.7	4.7
HEADSTART 2	5.0	5.0	5.7	5.0	4.3	3.7	5.0	4.8
MAJESTY II (VB77)	5.7	4.7	6.0	5.3	4.3	3.7	6.0	5.2
PACESETTER II (PS-2)	6.3	4.7	4.7	4.3	3.3	3.0	5.7	5.0
PINNACLE II	4.7	4.0	4.7	4.3	3.3	3.0	5.0	4.3
PLATEAU (PST-2LAN)	5.0	5.0	5.7	5.0	4.3	4.0	5.3	4.9
PLEASURE SUPREME (PM 103)	5.0	5.3	5.0	4.7	3.3	3.3	5.0	4.6
PM 102	6.0	5.3	4.7	4.0	3.3	3.7	5.7	5.0
PST-2AG4	5.0	5.7	6.0	4.7	4.0	4.3	5.7	5.0
QUICKSILVER	5.0	4.7	5.0	4.7	4.3	3.3	4.3	4.5
TOP GUN II (JR-324)	4.3	5.3	7.3	5.7	4.7	4.3	7.0	5.3
WAYFARER (L44)	5.7	6.0	5.7	5.3	4.0	4.0	4.7	5.1
WIND DANCE 2 (PWDR)	5.0	5.0	6.0	5.0	3.7	3.7	6.3	5.0
ACCENT II (JR-119)	6.0	4.7	5.3	5.0	4.3	3.0	6.0	5.1
BAR LP 4420	5.0	5.3	4.7	4.3	3.7	3.3	5.0	4.6
ES45	5.3	5.0	5.3	4.3	2.7	3.3	5.7	4.7
FIJI (GPR)	5.3	5.0	4.3	5.0	4.7	4.3	4.0	4.8
GRAY FOX (PST-2MNG)	5.3	5.3	6.3	4.0	3.3	3.0	5.7	4.8

TABLE 29. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
2005-07 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	2005	RED THREAD RATINGS					JUNE 2007	MEAN
		JUNE 2006	OCTOBER 2006	NOVEMBER 2006	DECEMBER 2006	JANUARY 2007		
LA QUINTA (JR-255)	5.3	5.7	4.3	4.3	3.3	3.0	5.3	4.6
MONTEREY 3 (JR-408)	5.0	5.7	6.3	4.7	3.3	4.7	6.3	5.2
NEXUS XR (SNR)	5.7	4.3	4.0	4.7	3.7	3.0	5.0	4.6
PENTIUM	4.7	5.0	5.7	5.3	3.3	2.7	6.0	4.6
PRESIDIO (CNV)	5.7	4.3	4.7	4.3	3.0	3.3	5.0	4.6
RINGER II (04-BEN)	5.7	5.3	5.3	4.7	3.3	3.3	3.3	4.6
ASP6001 (RTS)	5.7	5.7	5.7	4.7	3.7	3.3	5.0	4.9
ASP6005 (AJM)	6.0	5.0	5.3	4.0	2.7	2.7	5.7	4.8
BREA (04-BRE)	4.3	5.7	5.7	5.0	4.0	3.3	4.7	4.5
GOALKEEPER II (JR-114)	5.3	5.3	4.0	4.7	4.0	3.3	5.3	4.7
HALO (KN42)	5.7	4.7	4.3	4.3	3.0	3.3	5.0	4.6
HAWKEYE 2 (SRX 4692)	4.0	6.0	4.7	4.3	3.0	2.7	5.3	4.2
INSPIRE	5.0	6.3	5.7	4.7	4.0	2.3	5.7	4.7
SRX 4682	4.0	5.3	6.0	5.3	4.3	4.3	4.7	4.6
VB99	4.7	4.7	5.3	4.0	3.0	3.0	4.7	4.3
PALMER III	5.7	3.7	5.0	3.7	3.3	3.0	4.7	4.5
PANTHER	5.0	4.7	5.7	4.3	3.0	2.7	5.7	4.5
PREMIER II	5.0	4.3	5.3	4.0	3.3	3.3	5.0	4.5
BARLENNIUM	4.7	6.0	6.3	4.0	2.7	3.0	4.0	4.3
FIREBOLT (PRG HS-01-09)	5.0	4.3	4.7	4.0	3.7	3.3	4.7	4.4
NEXUS XD (SP4)	4.7	5.7	5.0	4.0	2.3	2.7	4.7	4.2
AFFINITY	4.7	5.3	4.7	4.0	3.7	2.7	4.7	4.3
LPR 02203	5.3	4.7	4.0	4.3	5.0	3.0	4.3	4.5
PINNACLE	4.3	4.3	4.0	4.0	2.3	2.3	5.0	3.9
PREMIER	4.7	4.7	4.3	4.3	4.0	2.7	5.0	4.3
CADDIESHACK II (JR-163)	4.0	5.0	5.0	3.3	2.7	2.3	3.7	3.7
LINN	3.7	5.0	3.3	3.0	2.3	2.0	5.3	3.6
LSD VALUE	3.3	3.5	2.2	2.0	1.6	2.0	2.7	0.8
C.V. (%)	18.5	21.5	19.3	18.9	21.3	24.6	19.2	16.6

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

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

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

TABLE 29. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */

NAME	2005 DATA		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/		
	QUALITY RATINGS		PERCENT COVER RATINGS		
	AFTER TRAFFIC NOV	DEC	AFTER TRAFFIC 1 WEEK	2 WEEKS	4 WEEKS
UNO (D04-11T)	3.7	4.0	63.3	70.0	70.0
DERBY XTREME (IS-PR 268)	3.3	4.3	63.3	73.3	80.0
ZOOM (LCK)	4.0	4.0	66.7	63.3	66.7
HOMERUN (RG3P)	4.0	4.3	70.0	73.3	83.3
PALMER IV	3.3	4.0	60.0	66.7	70.0
SR 4600 (SRX 4SP)	3.0	4.0	53.3	70.0	73.3
ALLSTAR 3 (IS-PR 274)	3.7	4.0	63.3	66.7	70.0
CHIVALRY (APR 1648)	3.7	4.0	73.3	63.3	73.3
FIESTA 4 (PICK F4)	3.3	4.0	60.0	66.7	73.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	3.7	4.0	66.7	70.0	76.7
EXACTA II GLSR (LTP-611-GLSR)	3.0	4.0	63.3	60.0	66.7
APPLE GL (AAZ-B104)	4.0	4.0	70.0	73.3	80.0
CITATION FORE	4.0	4.0	70.0	63.3	80.0
D04-LP05	3.7	4.0	66.7	66.7	70.0
MMW	3.3	4.3	53.3	60.0	70.0
PALACE (IS-PR 273)	4.0	4.0	66.7	70.0	73.3
PALMER GLS (GL-2)	3.7	4.0	70.0	63.3	73.3
PALMER V (RNS)	3.3	4.0	56.7	70.0	66.7
PIZZAZZ	3.3	4.0	53.3	46.7	66.7
PRIMARY (IS-PR 269)	3.3	4.0	63.3	60.0	70.0
PROTOTYPE (DCM)	3.3	4.0	63.3	63.3	66.7
REGAL 5 (IS-PR 271)	4.0	4.0	66.7	66.7	60.0
ATTRIBUTE (IS-PR 270)	3.7	4.0	66.7	66.7	70.0
BUENA VISTA	3.7	4.3	63.3	56.7	70.0
DASHER 3 (PICK RB-1)	3.7	4.0	70.0	70.0	73.3
FOREVER (DP 17-9499)	3.7	4.0	63.3	60.0	60.0
KEYSTONE 2 (IS-PR 312)	4.0	4.0	63.3	56.7	73.3
LINE DRIVE GLS (APR 1797)	3.3	4.0	56.7	56.7	63.3
OVERDRIVE	4.0	4.0	66.7	60.0	66.7
PARAGON GLR	4.0	4.0	66.7	70.0	66.7
SILVER DOLLAR	4.0	4.0	63.3	73.3	76.7
SOPRANO (DP1)	4.0	4.0	63.3	66.7	73.3
STELLAR GL (IS-PR 236)	3.7	4.0	63.3	70.0	73.3
TRANSFORMER (D04-1667)	3.3	4.0	66.7	66.7	70.0
1G SQUARED (APR 1664)	3.7	4.0	60.0	66.7	66.7
AMAZING GS (IS-PR 276)	3.3	4.0	66.7	66.7	60.0
DEFENDER (D04-UP)	3.3	4.0	66.7	56.7	66.7
E-99	3.0	4.0	56.7	56.7	63.3
EDGE II (AC2)	3.7	4.0	63.3	63.3	66.7
GALATTI (DP 17-9502)	3.7	4.0	63.3	56.7	70.0
KOKOMO II (IS-PR 235)	3.7	4.0	66.7	63.3	63.3
PHENOM (APR 1660)	4.0	4.0	56.7	60.0	73.3
REPELL GLS	4.0	4.0	70.0	66.7	73.3
REVENGE GLX (JR-348)	3.3	4.0	56.7	63.3	63.3
ASP6003 (TRS)	3.3	4.0	60.0	63.3	66.7
BACCARAT (RAD-PR8)	3.3	4.0	63.3	56.7	73.3

TABLE 29. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */

2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS AFTER TRAFFIC		PERCENT COVER RATINGS AFTER TRAFFIC		
	NOV	DEC	1 WEEK	2 WEEKS	4 WEEKS
CABO II (IS-PR 233)	3.7	4.3	66.7	73.3	70.0
CUTTER II (PM 101)	3.3	4.0	66.7	73.3	73.3
DART (APR 1663)	4.0	4.3	70.0	70.0	80.0
FUSION	3.7	4.0	63.3	56.7	66.7
GRAND SLAM 2 (PST-2GSM)	3.7	4.0	70.0	60.0	76.7
MACH I	3.7	4.0	73.3	66.7	76.7
PANTHER GLS	3.3	4.0	63.3	60.0	66.7
PIANIST (DP 17-9505)	3.3	4.0	63.3	56.7	70.0
PROTEGE GLR	3.7	4.0	56.7	56.7	73.3
SECRETARIAT II GLSR (LTP-101-GLSR)	4.0	4.0	66.7	63.3	66.7
TR47	3.3	4.0	66.7	63.3	70.0
ASP6002 (BPR)	4.0	4.0	63.3	53.3	66.7
ASP6006 (LPFG)	4.0	4.0	60.0	60.0	66.7
BAR LP 4920	3.7	4.0	66.7	66.7	66.7
BRIGHTSTAR SLT	4.0	4.0	70.0	56.7	70.0
CALYPSO 3 (MS2)	3.7	4.0	70.0	66.7	73.3
GRAY STAR (PST-2LGL)	3.7	4.0	65.0	60.0	73.3
HARRIER (SRX 4UP3)	3.3	4.0	63.3	63.3	56.7
LS 2300 (APR 1670)	3.7	4.3	63.3	70.0	76.7
MANHATTAN 5 GLR (PST-2AM)	3.7	4.0	70.0	63.3	66.7
NOTABLE (AF)	3.3	4.0	56.7	63.3	73.3
PICK 02-R	3.7	4.0	60.0	56.7	63.3
PST-217	4.0	4.0	66.7	56.7	73.3
PST-2BLK	3.7	4.0	60.0	60.0	66.7
SUNSHINE 2	4.0	5.7	70.0	60.0	76.7
ASP6004 (EXS54)	3.3	4.3	53.3	56.7	66.7
BAR LP 4317	3.3	4.0	60.0	60.0	56.7
DELAWARE XL (PICK 01-2)	3.7	4.3	66.7	66.7	76.7
DP 17-9788	4.0	4.0	63.3	63.3	63.3
HEADSTART 2	3.7	4.0	63.3	66.7	66.7
MAJESTY II (VB77)	3.3	4.0	63.3	56.7	66.7
PACESETTER II (PS-2)	3.3	4.3	66.7	53.3	66.7
PINNACLE II	3.3	4.0	70.0	63.3	80.0
PLATEAU (PST-2LAN)	3.3	4.0	63.3	56.7	70.0
PLEASURE SUPREME (PM 103)	3.7	4.0	70.0	70.0	76.7
PM 102	3.0	4.0	53.3	60.0	60.0
PST-2AG4	3.0	4.0	56.7	53.3	66.7
QUICKSILVER	4.0	4.0	63.3	63.3	66.7
TOP GUN II (JR-324)	3.7	4.0	73.3	63.3	70.0
WAYFARER (L44)	3.7	4.0	60.0	60.0	66.7
WIND DANCE 2 (PWDR)	3.7	4.0	66.7	66.7	73.3
ACCENT II (JR-119)	3.3	4.0	66.7	60.0	63.3
BAR LP 4420	4.0	4.3	60.0	66.7	70.0
ES45	3.3	4.0	60.0	56.7	66.7
FIJI (GPR)	4.0	4.3	73.3	66.7	76.7
GRAY FOX (PST-2MNG)	3.0	4.0	60.0	56.7	70.0

TABLE 29. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
(CONT'D) GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
2005 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS AFTER TRAFFIC		PERCENT COVER RATINGS AFTER TRAFFIC		
	NOV	DEC	1 WEEK	2 WEEKS	4 WEEKS
LA QUINTA (JR-255)	4.0	4.0	70.0	63.3	63.3
MONTEREY 3 (JR-408)	3.7	4.0	53.3	60.0	73.3
NEXUS XR (SNR)	3.7	4.0	66.7	50.0	70.0
PENTIUM	3.3	4.0	66.7	60.0	66.7
PRESIDIO (CNV)	3.7	4.0	66.7	60.0	73.3
RINGER II (04-BEN)	3.7	4.0	66.7	63.3	66.7
ASP6001 (RTS)	4.0	4.0	60.0	66.7	76.7
ASP6005 (AJM)	4.0	4.0	63.3	63.3	66.7
BREA (04-BRE)	3.3	4.0	53.3	50.0	63.3
GOALKEEPER II (JR-114)	3.3	4.0	66.7	60.0	73.3
HALO (KN42)	3.3	4.0	56.7	60.0	70.0
HAWKEYE 2 (SRX 4692)	3.7	4.0	53.3	60.0	70.0
INSPIRE	4.0	4.0	66.7	70.0	70.0
SRX 4682	3.3	4.0	53.3	56.7	66.7
VB99	3.7	4.0	66.7	63.3	73.3
PALMER III	3.7	4.0	70.0	53.3	70.0
PANTHER	3.3	4.0	60.0	56.7	73.3
PREMIER II	3.3	4.0	66.7	50.0	60.0
BARLENNIUM	3.3	4.3	56.7	53.3	73.3
FIREBOLT (PRG HS-01-09)	3.0	4.0	63.3	56.7	63.3
NEXUS XD (SP4)	3.0	4.0	56.7	60.0	63.3
AFFINITY	3.0	3.7	60.0	53.3	60.0
LPR 02203	3.7	4.0	60.0	53.3	73.3
PINNACLE	3.0	4.0	56.7	53.3	60.0
PREMIER	3.0	4.0	53.3	53.3	63.3
CADDIESHACK II (JR-163)	3.7	4.0	63.3	56.7	66.7
LINN	3.0	3.0	43.3	43.3	50.0
LSD VALUE	1.6	0.6	45.8	39.0	21.5
C.V. (%)	13.6	6.7	15.3	16.3	11.6

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

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

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

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2006 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY 2 WEEKS AFTER TRAFFIC	PERCENT COVER BEFORE TRAFFIC	PERCENT COVER RATINGS AFTER TRAFFIC IN SUMMER			PERCENT COVER RATINGS AFTER TRAFFIC IN FALL		
			2 WEEKS	4 WEEKS	8 WEEKS	2 WEEKS	4 WEEKS	8 WEEKS
UNO (D04-11T)	6.0	99.0	91.7	95.0	99.0	70.0	66.7	70.0
DERBY XTREME (IS-PR 268)	5.3	99.0	80.0	86.3	99.0	66.7	60.0	60.0
ZOOM (LCK)	5.3	96.0	85.0	94.7	97.7	63.3	63.3	63.3
HOMERUN (RG3P)	5.7	99.0	88.3	93.3	99.0	66.7	60.0	70.0
PALMER IV	4.0	96.0	73.3	83.3	95.0	50.0	53.3	56.7
SR 4600 (SRX 4SP)	4.7	96.0	73.3	86.7	96.3	50.0	53.3	56.7
ALLSTAR 3 (IS-PR 274)	4.7	96.0	81.7	88.3	97.7	63.3	60.0	63.3
CHIVALRY (APR 1648)	5.0	96.0	86.7	91.7	99.0	70.0	63.3	66.7
FIESTA 4 (PICK F4)	4.7	96.0	78.3	90.0	97.7	66.7	56.7	63.3
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.7	99.0	81.7	93.0	99.0	66.7	63.3	66.7
EXACTA II GLSR (LTP-611-GLSR)	4.3	96.0	81.7	86.7	97.7	63.3	56.7	56.7
APPLE GL (AAZ-B104)	5.7	99.0	90.0	91.7	97.7	60.0	60.0	63.3
CITATION FORE	5.0	99.0	85.0	91.3	96.3	66.7	60.0	60.0
D04-LP05	5.0	99.0	81.7	93.0	99.0	63.3	60.0	60.0
MMW	4.3	89.7	75.0	86.3	96.3	53.3	50.0	50.0
PALACE (IS-PR 273)	5.3	99.0	88.3	88.3	99.0	66.7	60.0	60.0
PALMER GLS (GL-2)	5.3	99.0	83.3	88.3	97.7	60.0	60.0	66.7
PALMER V (RNS)	4.3	96.0	83.3	86.7	97.7	56.7	60.0	63.3
PIZZAZZ	4.0	93.0	76.7	83.3	93.0	53.3	53.3	56.7
PRIMARY (IS-PR 269)	5.0	99.0	86.7	91.3	99.0	66.7	56.7	56.7
PROTOTYPE (DCM)	4.3	99.0	76.7	90.0	99.0	63.3	56.7	53.3
REGAL 5 (IS-PR 271)	4.7	96.0	81.7	85.0	97.7	60.0	53.3	53.3
ATTRIBUTE (IS-PR 270)	4.7	99.0	86.7	91.3	99.0	66.7	60.0	63.3
BUENA VISTA	4.7	93.0	75.0	86.7	97.7	56.7	53.3	53.3
DASHER 3 (PICK RB-1)	5.3	96.0	85.0	90.0	99.0	66.7	60.0	63.3
FOREVER (DP 17-9499)	4.7	96.0	85.0	88.3	96.0	66.7	60.0	60.0
KEYSTONE 2 (IS-PR 312)	5.0	99.0	83.3	88.0	99.0	70.0	56.7	60.0
LINE DRIVE GLS (APR 1797)	5.0	96.0	75.0	88.3	99.0	63.3	63.3	66.7
OVERDRIVE	5.0	96.0	83.3	90.0	99.0	63.3	56.7	60.0
PARAGON GLR	4.7	96.0	85.0	88.3	96.0	60.0	53.3	60.0
SILVER DOLLAR	5.3	99.0	86.7	94.7	99.0	66.7	60.0	63.3
SOPRANO (DP1)	4.7	96.0	78.3	81.7	94.7	60.0	50.0	53.3
STELLAR GL (IS-PR 236)	5.0	99.0	81.7	88.3	99.0	63.3	60.0	63.3
TRANSFORMER (D04-1667)	4.7	99.0	85.0	93.3	99.0	63.3	63.3	70.0
1G SQUARED (APR 1664)	5.3	99.0	86.7	91.3	97.7	63.3	60.0	56.7
AMAZING GS (IS-PR 276)	4.3	96.0	83.3	86.3	99.0	73.3	60.0	60.0
DEFENDER (D04-UP)	5.3	96.0	88.3	91.3	97.7	70.0	60.0	63.3
E-99	4.7	99.0	85.0	91.3	97.7	56.7	63.3	63.3
EDGE II (AC2)	5.3	99.0	86.7	94.7	99.0	56.7	63.3	60.0
GALATTI (DP 17-9502)	4.7	96.0	81.7	88.3	96.3	53.3	60.0	60.0
KOKOMO II (IS-PR 235)	4.7	96.0	80.0	88.3	99.0	46.7	50.0	56.7
PHENOM (APR 1660)	4.7	99.0	85.0	88.3	96.3	53.3	50.0	50.0
REPELL GLS	5.0	99.0	83.3	91.7	99.0	60.0	60.0	63.3
REVENGE GLX (JR-348)	4.0	99.0	73.3	85.0	99.0	60.0	53.3	53.3
ASP6003 (TRS)	4.7	92.7	78.3	88.3	96.0	60.0	53.3	56.7
BACCARAT (RAD-PR8)	4.3	96.0	78.3	91.7	99.0	56.7	56.7	60.0

TABLE 29. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
 GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
 2006 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY 2 WEEKS AFTER TRAFFIC	PERCENT COVER BEFORE TRAFFIC	PERCENT COVER RATINGS AFTER TRAFFIC IN SUMMER			PERCENT COVER RATINGS AFTER TRAFFIC IN FALL		
			2 WEEKS	4 WEEKS	8 WEEKS	2 WEEKS	4 WEEKS	8 WEEKS
CABO II (IS-PR 233)	4.7	99.0	80.0	88.3	97.7	53.3	53.3	60.0
CUTTER II (PM 101)	5.3	99.0	83.3	90.0	96.3	66.7	56.7	56.7
DART (APR 1663)	4.7	99.0	85.0	86.7	99.0	63.3	60.0	63.3
FUSION	4.3	93.0	75.0	83.3	95.0	53.3	60.0	66.7
GRAND SLAM 2 (PST-2GSM)	4.3	96.0	78.3	88.0	97.7	60.0	56.7	60.0
MACH I	4.7	99.0	88.3	89.7	96.3	56.7	60.0	63.3
PANTHER GLS	4.3	99.0	76.7	85.0	96.3	53.3	53.3	60.0
PIANIST (DP 17-9505)	5.0	96.0	90.0	91.7	99.0	66.7	63.3	63.3
PROTEGE GLR	4.7	96.0	85.0	93.0	94.7	63.3	60.0	60.0
SECRETARIAT II GLSR (LTP-101-GLSR)	4.3	99.0	88.3	88.3	97.7	53.3	56.7	56.7
TR47	5.0	96.0	85.0	90.0	96.3	66.7	53.3	56.7
ASP6002 (BPR)	5.0	96.0	88.3	91.3	97.7	56.7	56.7	53.3
ASP6006 (LPFG)	4.3	99.0	80.0	83.3	96.3	56.7	50.0	53.3
BAR LP 4920	4.7	99.0	80.0	83.3	96.3	56.7	53.3	56.7
BRIGHTSTAR SLT	4.7	99.0	80.0	90.0	97.7	63.3	56.7	56.7
CALYPSO 3 (MS2)	4.7	99.0	80.0	91.7	99.0	66.7	60.0	60.0
GRAY STAR (PST-2LGL)	4.7	96.0	80.0	91.7	97.7	56.7	56.7	60.0
HARRIER (SRX 4UP3)	4.7	99.0	81.7	86.7	97.7	63.3	53.3	53.3
LS 2300 (APR 1670)	5.3	99.0	91.7	94.3	99.0	53.3	60.0	63.3
MANHATTAN 5 GLR (PST-2AM)	4.0	93.0	75.0	85.0	96.3	46.7	50.0	56.7
NOTABLE (AF)	4.3	96.0	76.7	91.7	97.7	46.7	50.0	53.3
PICK 02-R	5.0	86.3	78.3	85.0	97.7	63.3	53.3	60.0
PST-217	4.7	96.0	75.0	91.0	97.7	50.0	53.3	60.0
PST-2BLK	4.7	96.0	81.7	86.7	97.7	53.3	53.3	53.3
SUNSHINE 2	4.0	92.7	66.7	81.7	94.7	56.7	56.7	56.7
ASP6004 (EXS54)	4.3	93.0	56.7	86.7	96.3	56.7	50.0	53.3
BAR LP 4317	4.3	92.7	76.7	89.7	96.3	53.3	56.7	60.0
DELAWARE XL (PICK 01-2)	4.3	93.0	86.7	90.0	97.7	60.0	60.0	60.0
DP 17-9788	4.3	96.0	80.0	93.3	99.0	50.0	53.3	56.7
HEADSTART 2	4.7	99.0	83.3	91.7	99.0	66.7	63.3	63.3
MAJESTY II (VB77)	4.3	86.3	73.3	80.0	94.7	60.0	50.0	53.3
PACESETTER II (PS-2)	4.3	86.3	76.7	86.7	96.0	60.0	56.7	56.7
PINNACLE II	4.7	96.0	80.0	86.7	97.7	53.3	50.0	53.3
PLATEAU (PST-2LAN)	4.3	93.0	75.0	85.0	97.7	50.0	53.3	53.3
PLEASURE SUPREME (PM 103)	4.7	99.0	81.7	91.7	97.7	53.3	60.0	66.7
PM 102	4.3	96.0	76.7	86.7	93.3	50.0	50.0	50.0
PST-2AG4	4.3	89.7	73.3	78.3	94.7	60.0	53.3	56.7
QUICKSILVER	4.3	99.0	76.7	86.7	97.7	53.3	60.0	60.0
TOP GUN II (JR-324)	4.3	99.0	76.7	86.7	99.0	63.3	56.7	56.7
WAYFARER (L44)	4.0	86.0	66.7	80.0	94.7	53.3	60.0	60.0
WIND DANCE 2 (PWDR)	4.0	99.0	80.0	85.0	96.0	60.0	60.0	60.0
ACCENT II (JR-119)	4.3	93.0	81.7	85.0	97.7	60.0	60.0	60.0
BAR LP 4420	4.3	93.0	76.7	85.0	95.0	56.7	56.7	53.3
ES45	4.3	96.0	83.3	86.7	96.3	56.7	53.3	53.3
FIJI (GPR)	4.3	96.0	75.0	86.7	97.7	53.3	53.3	60.0
GRAY FOX (PST-2MNG)	4.0	93.0	76.7	85.0	97.7	56.7	50.0	56.7

TABLE 29. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT PUYALLUP, WA */
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY 2 WEEKS AFTER TRAFFIC	PERCENT COVER BEFORE TRAFFIC	PERCENT COVER RATINGS AFTER TRAFFIC IN SUMMER			PERCENT COVER RATINGS AFTER TRAFFIC IN FALL		
			2 WEEKS	4 WEEKS	8 WEEKS	2 WEEKS	4 WEEKS	8 WEEKS
LA QUINTA (JR-255)	4.3	93.0	75.0	81.7	96.3	50.0	50.0	56.7
MONTEREY 3 (JR-408)	4.3	93.0	73.3	81.7	97.7	70.0	50.0	50.0
NEXUS XR (SNR)	4.3	93.0	78.3	81.7	96.3	60.0	50.0	53.3
PENTIUM	4.7	99.0	85.0	88.3	97.7	50.0	63.3	63.3
PRESIDIO (CNV)	4.7	99.0	78.3	86.7	96.3	56.7	56.7	60.0
RINGER II (04-BEN)	4.7	99.0	79.7	85.0	94.7	60.0	56.7	56.7
ASP6001 (RTS)	4.7	99.0	83.3	85.0	96.3	60.0	60.0	56.7
ASP6005 (AJM)	4.3	96.0	80.0	86.7	96.3	56.7	56.7	60.0
BREA (04-BRE)	4.0	89.7	68.3	78.3	91.7	53.3	50.0	53.3
GOALKEEPER II (JR-114)	4.7	93.0	83.3	91.3	97.7	53.3	53.3	53.3
HALO (KN42)	4.3	89.7	81.7	83.0	97.7	66.7	53.3	56.7
HAWKEYE 2 (SRX 4692)	4.7	96.0	78.3	86.7	96.3	56.7	60.0	66.7
INSPIRE	4.7	96.0	80.0	88.3	99.0	63.3	66.7	66.7
SRX 4682	4.3	99.0	80.0	86.7	97.7	53.3	60.0	60.0
VB99	4.3	89.7	76.7	81.7	97.7	60.0	56.7	56.7
PALMER III	5.0	96.0	85.0	86.7	97.7	60.0	63.3	63.3
PANTHER	4.0	96.0	81.7	85.0	96.3	70.0	56.7	60.0
PREMIER II	4.3	99.0	78.3	86.7	99.0	53.3	60.0	63.3
BARLENNIUM	4.0	96.0	68.3	81.7	94.7	50.0	56.7	60.0
FIREBOLT (PRG HS-01-09)	4.0	89.7	76.7	83.3	95.0	56.7	53.3	53.3
NEXUS XD (SP4)	4.0	96.0	76.7	81.7	96.0	60.0	56.7	56.7
AFFINITY	4.3	96.0	85.0	90.0	97.7	56.7	50.0	53.3
LPR 02203	4.3	93.0	81.7	91.7	96.3	60.0	50.0	53.3
PINNACLE	3.7	96.0	85.0	91.7	97.7	53.3	53.3	53.3
PREMIER	4.0	96.0	81.7	80.0	95.0	43.3	56.7	56.7
CADDIESHACK II (JR-163)	4.3	93.0	81.7	85.0	97.7	50.0	53.3	60.0
LINN	3.0	96.0	78.3	80.0	95.0	40.0	46.7	50.0
LSD VALUE	2.7	25.6	54.3	31.4	6.5	34.0	32.1	36.7
C.V. (%)	15.9	5.8	12.7	7.7	2.4	17.2	13.2	13.7

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.

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

TABLE 29. (CONT'D)

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

NAME	PERCENT COVER		JUL 16	PERCENT LIVING GROUND COVER					RATINGS AFTER TRAFFIC		
	QUALITY MAY29 (BEFORE TRAFFIC)	COVER MAY29		AUG 14	SEP 5	OCT 26	NOV 9	DEC 14	DEC 28	QUALITY RATINGS AFTER TRAFFIC	
UNO (D04-11T)	7.0	99.0	90.0	93.3	96.3	66.7	63.3	53.3	70.0	4.0	3.0
DERBY XTREME (IS-PR 268)	6.0	96.0	78.3	83.0	86.0	60.0	56.7	40.0	53.3	4.0	2.7
ZOOM (LCK)	5.7	96.3	85.0	90.0	93.3	63.3	63.3	46.7	56.7	4.7	2.7
HOMERUN (RG3P)	5.7	97.7	88.3	94.0	97.7	63.3	79.7	50.0	63.3	4.3	2.7
PALMER IV	4.7	95.0	66.7	83.3	94.7	63.3	53.3	40.0	50.0	3.7	2.3
SR 4600 (SRX 4SP)	5.0	94.7	71.7	83.3	91.3	60.0	53.3	33.3	53.3	3.7	2.3
ALLSTAR 3 (IS-PR 274)	5.3	94.7	71.7	85.0	93.0	63.3	66.7	40.0	63.3	4.0	2.0
CHIVALRY (APR 1648)	5.0	97.7	81.7	89.7	96.0	66.7	56.7	50.0	56.7	4.0	3.0
FIESTA 4 (PICK F4)	5.3	84.3	75.0	78.3	80.0	46.7	43.3	28.3	38.3	3.3	1.7
CHARISMATIC II GLSR (LTP-PG-GLSR)	4.3	84.7	75.0	85.0	93.0	50.0	46.7	43.3	50.0	3.3	2.7
EXACTA II GLSR (LTP-611-GLSR)	6.0	94.7	71.7	80.0	88.3	63.3	30.0	46.7	53.3	4.0	3.0
APPLE GL (AAZ-B104)	5.3	99.0	81.7	90.0	96.0	56.7	73.0	50.0	66.7	4.0	2.7
CITATION FORE	5.3	96.3	76.7	85.0	93.3	56.7	60.0	40.0	53.3	3.7	2.7
D04-LP05	5.3	93.0	70.0	81.7	93.0	56.7	60.0	50.0	56.7	3.7	2.3
MMW	4.3	80.3	63.3	71.7	80.0	46.7	40.0	31.7	38.3	3.0	2.0
PALACE (IS-PR 273)	5.3	94.7	85.0	90.0	94.7	60.0	66.7	50.0	60.0	4.3	3.0
PALMER GLS (GL-2)	5.7	96.3	71.7	83.3	93.3	53.3	53.3	33.3	36.7	3.7	2.0
PALMER V (RNS)	5.3	91.7	70.0	81.7	95.0	53.3	53.3	36.7	46.7	3.3	2.0
PIZZAZZ	5.7	97.7	73.3	85.0	94.7	53.3	56.7	40.0	50.0	3.3	2.3
PRIMARY (IS-PR 269)	5.7	94.3	81.7	83.3	84.7	53.3	53.3	50.0	56.7	3.3	2.7
PROTOTYPE (DCM)	5.7	96.3	70.0	83.3	93.3	60.0	56.7	43.3	53.3	3.7	2.0
REGAL 5 (IS-PR 271)	5.0	85.0	73.3	83.3	91.7	50.0	43.3	30.0	43.3	3.3	2.0
ATTRIBUTE (IS-PR 270)	6.0	96.0	85.0	90.0	96.3	53.3	56.7	43.3	50.0	3.7	2.3
BUENA VISTA	4.0	81.7	51.7	66.7	81.7	50.0	43.3	26.7	40.0	3.3	1.7
DASHER 3 (PICK RB-1)	6.0	97.7	83.3	90.0	96.3	63.3	63.3	43.3	56.7	3.7	2.3
FOREVER (DP 17-9499)	5.0	93.0	88.3	90.0	96.3	56.7	56.7	40.0	60.0	3.7	2.7
KEYSTONE 2 (IS-PR 312)	5.3	93.0	81.7	86.7	94.7	53.3	50.0	43.3	46.7	3.7	2.7
LINE DRIVE GLS (APR 1797)	5.0	80.0	65.0	78.3	95.0	46.7	50.0	36.7	36.7	3.7	2.3
OVERDRIVE	6.0	96.0	83.3	88.3	94.7	56.7	56.7	43.3	53.3	3.7	2.3
PARAGON GLR	6.0	96.0	71.7	81.7	94.7	53.3	56.7	43.3	63.3	3.7	2.3
SILVER DOLLAR	5.0	96.0	80.0	89.7	96.0	70.0	50.0	36.7	60.0	4.7	2.3
SOPRANO (DP1)	4.7	79.7	58.3	70.0	81.7	43.3	46.7	35.0	45.0	3.0	2.3
STELLAR GL (IS-PR 236)	5.0	88.0	65.0	78.3	91.3	43.3	43.3	30.0	33.3	3.0	1.7
TRANSFORMER (D04-1667)	5.3	97.7	83.3	91.3	97.7	63.3	63.3	53.3	66.7	5.0	3.0
1G SQUARED (APR 1664)	4.7	81.3	70.0	81.7	91.3	53.3	56.7	40.0	50.0	3.7	2.3
AMAZING GS (IS-PR 276)	5.3	96.0	73.3	85.0	94.7	63.3	63.3	46.7	56.7	4.0	2.7
DEFENDER (D04-UP)	5.7	96.0	76.7	86.7	94.7	63.3	60.0	40.0	56.7	4.0	3.0
E-99	5.7	96.0	81.7	88.3	93.3	63.3	60.0	50.0	60.0	4.3	3.0
EDGE II (AC2)	5.7	96.0	70.0	81.7	93.3	60.0	50.0	36.7	53.3	3.7	2.3
GALATTI (DP 17-9502)	5.0	94.7	66.7	80.0	91.7	53.3	50.0	33.3	50.0	3.7	2.3
KOKOMO II (IS-PR 235)	5.0	86.3	53.3	65.0	76.7	43.3	46.7	36.7	43.3	3.0	2.0
PHENOM (APR 1660)	4.7	93.3	73.3	83.3	93.0	53.3	53.3	40.0	50.0	3.0	2.7
REPELL GLS	6.0	96.3	81.7	88.3	94.7	60.0	53.3	40.0	43.3	4.0	2.3
REVENGE GLX (JR-348)	5.0	81.0	61.7	75.0	88.3	50.0	43.3	33.3	40.0	3.3	2.0
ASP6003 (TRS)	4.7	79.7	65.0	76.7	88.3	50.0	46.7	36.7	36.7	3.3	2.0
BACCARAT (RAD-PR8)	5.3	96.3	83.3	90.0	94.7	53.3	56.7	33.3	50.0	3.7	2.3

TABLE 29. (CONT'D)

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

NAME	QUALITY	PERCENT	JUL 16	PERCENT LIVING GROUND COVER RATINGS AFTER TRAFFIC						QUALITY RATINGS	
	MAY29 (BEFORE TRAFFIC)	COVER MAY29 (BEFORE TRAFFIC)		AUG 14	SEP 5	OCT 26	NOV 9	DEC 14	DEC 28	OCT 26	DEC 14
CABO II (IS-PR 233)	6.0	88.0	68.3	78.3	88.0	46.7	50.0	33.3	46.7	3.3	1.7
CUTTER II (PM 101)	4.3	89.7	70.0	80.0	88.3	56.7	63.0	30.0	53.3	3.7	1.7
DART (APR 1663)	5.3	97.7	80.0	86.7	93.0	70.0	79.7	50.0	66.7	5.0	2.7
FUSION	4.7	78.3	63.3	71.7	78.3	56.7	40.0	33.3	30.0	3.3	2.3
GRAND SLAM 2 (PST-2GSM)	4.0	81.7	65.0	73.3	80.0	50.0	36.7	31.7	35.0	3.3	2.3
MACH I	5.7	96.0	75.0	86.7	91.7	63.3	53.3	43.3	56.7	4.0	2.7
PANTHER GLS	5.7	97.7	81.7	88.3	94.7	56.7	56.7	36.7	50.0	3.7	2.0
PIANIST (DP 17-9505)	5.7	93.0	81.7	90.0	96.3	60.0	46.7	40.0	53.3	3.7	2.7
PROTEGE GLR	4.7	91.7	68.3	85.0	93.0	50.0	56.7	36.7	50.0	3.3	2.3
SECRETARIAT II GLSR (LTP-101-GLSR)	5.3	97.7	83.3	93.0	96.3	60.0	60.0	46.7	60.0	4.0	2.7
TR47	5.0	91.3	76.7	83.3	90.0	60.0	53.3	36.7	53.3	3.7	2.0
ASP6002 (BPR)	4.7	93.0	80.0	86.7	93.3	53.3	53.3	36.7	50.0	4.0	2.3
ASP6006 (LPFG)	5.7	96.3	65.0	76.7	65.7	56.7	46.7	33.3	40.0	3.3	2.3
BAR LP 4920	4.7	93.0	68.3	80.0	93.3	60.0	50.0	36.7	46.7	4.0	2.0
BRIGHTSTAR SLT	4.3	93.0	75.0	86.7	95.0	56.7	53.3	30.0	43.3	3.7	2.3
CALYPSO 3 (MS2)	4.7	93.0	75.0	86.3	93.0	56.7	50.0	33.3	43.3	4.0	2.3
GRAY STAR (PST-2LGL)	4.7	90.0	66.7	80.0	91.7	53.3	43.3	23.3	40.0	3.7	2.0
HARRIER (SRX 4UP3)	5.0	80.0	73.3	81.7	91.7	46.7	46.7	30.0	43.3	3.3	2.0
LS 2300 (APR 1670)	5.0	96.3	83.3	91.3	97.7	66.7	66.7	53.3	66.7	3.7	2.7
MANHATTAN 5 GLR (PST-2AM)	5.0	95.0	76.7	85.0	93.3	53.3	56.7	33.3	46.7	3.0	2.0
NOTABLE (AF)	4.7	93.3	63.3	78.3	91.7	56.7	50.0	40.0	60.0	4.0	2.3
PICK 02-R	4.7	88.0	65.0	76.7	90.0	46.7	36.7	23.3	26.7	3.7	2.0
PST-217	5.3	93.0	70.0	81.7	93.0	60.0	56.7	46.7	56.7	4.0	2.3
PST-2BLK	4.3	86.3	71.7	83.0	93.0	56.7	46.7	26.7	33.3	4.0	2.0
SUNSHINE 2	4.0	83.0	58.3	68.3	76.3	50.0	40.0	35.0	45.0	3.3	1.7
ASP6004 (EXS54)	5.0	96.3	70.0	81.7	88.3	50.0	46.7	30.0	43.3	3.3	2.0
BAR LP 4317	5.3	96.3	81.7	86.7	91.3	63.3	56.7	33.3	43.3	3.7	2.0
DELAWARE XL (PICK 01-2)	5.3	95.0	76.7	85.0	93.0	50.0	56.7	33.3	50.0	3.3	2.0
DP 17-9788	5.0	97.7	73.3	85.0	94.7	60.0	50.0	33.3	46.7	3.7	2.0
HEADSTART 2	5.7	96.3	80.0	85.0	90.0	53.3	50.0	30.0	40.0	4.0	2.3
MAJESTY II (VB77)	5.0	63.0	56.7	68.3	81.7	36.7	33.3	25.0	26.7	3.0	2.0
PACESETTER II (PS-2)	5.0	96.3	71.7	81.7	91.7	60.0	60.0	33.3	53.3	4.0	2.0
PINNACLE II	5.0	91.3	66.7	80.0	95.0	50.0	43.3	30.0	40.0	3.0	2.0
PLATEAU (PST-2LAN)	4.7	88.0	68.3	81.7	91.7	43.3	40.0	33.3	38.3	3.3	1.7
PLEASURE SUPREME (PM 103)	5.7	96.3	78.3	86.7	96.3	60.0	56.7	46.7	63.3	4.0	2.7
PM 102	4.7	95.0	68.3	83.3	93.0	53.3	50.0	33.3	50.0	3.7	2.0
PST-2AG4	3.7	73.0	58.3	68.3	78.3	36.7	40.0	26.7	30.0	2.7	2.3
QUICKSILVER	5.0	93.3	61.7	73.3	91.7	63.3	53.3	33.3	46.7	3.7	2.3
TOP GUN II (JR-324)	5.3	84.7	48.3	83.3	90.0	60.0	56.7	40.0	56.7	3.7	2.7
WAYFARER (L44)	5.3	79.7	70.0	78.3	84.7	46.7	43.3	28.3	41.7	3.0	1.7
WIND DANCE 2 (PWDR)	5.3	94.7	78.3	86.7	93.3	53.3	50.0	36.7	43.3	3.3	2.0
ACCENT II (JR-119)	4.7	83.3	48.7	80.0	86.7	50.0	50.0	23.3	43.3	3.3	2.0
BAR LP 4420	4.7	93.0	73.3	83.3	91.7	56.7	50.0	33.3	46.7	3.3	2.0
ES45	5.0	91.3	63.3	78.3	90.0	46.7	50.0	30.0	36.7	2.7	2.0
FIJI (GPR)	4.7	79.7	65.0	78.3	90.0	66.7	50.0	36.7	53.3	4.3	2.3
GRAY FOX (PST-2MNG)	4.7	96.3	71.7	81.7	96.0	60.0	56.7	36.7	53.3	3.7	2.3

TABLE 29. (CONT'D)

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

NAME	QUALITY MAY29 (BEFORE TRAFFIC)	PERCENT COVER MAY29	JUL 16	AUG 14	SEP 5	OCT 26	NOV 9	DEC 14	DEC 28	QUALITY RATINGS AFTER TRAFFIC OCT 26	DEC 14
LA QUINTA (JR-255)	5.3	93.3	75.0	81.7	88.3	50.0	46.7	33.3	40.0	3.3	2.0
MONTEREY 3 (JR-408)	3.7	60.0	61.7	75.0	88.3	36.7	33.3	15.0	26.7	2.7	1.7
NEXUS XR (SNR)	4.7	93.0	61.7	78.3	90.0	53.3	53.3	33.3	43.3	3.7	2.0
PENTIUM	5.7	96.0	78.3	86.7	93.3	60.0	53.3	40.0	53.3	3.7	2.3
PRESIDIO (CNV)	5.7	86.3	73.3	83.3	91.7	53.3	56.7	36.7	53.3	3.3	2.0
RINGER II (04-BEN)	4.7	85.0	60.0	75.0	90.0	43.3	40.0	26.7	36.7	3.3	2.0
ASP6001 (RTS)	4.7	91.7	71.7	81.7	88.3	60.0	50.0	26.7	40.0	3.3	2.0
ASP6005 (AJM)	4.7	91.7	68.3	80.0	90.0	53.3	46.7	30.0	43.3	3.7	2.7
BREA (04-BRE)	4.0	83.3	56.7	68.3	80.0	46.7	33.3	25.0	31.7	3.3	2.0
GOALKEEPER II (JR-114)	5.0	96.3	80.0	86.7	93.3	56.7	53.3	40.0	53.3	3.7	2.7
HALO (KN42)	5.0	78.0	61.7	76.7	90.0	53.3	60.0	33.3	43.3	3.7	2.0
HAWKEYE 2 (SRX 4692)	5.0	94.7	75.0	83.3	90.0	60.0	53.3	30.0	43.3	3.7	2.3
INSPIRE	5.0	95.0	68.3	80.0	88.3	56.7	60.0	43.3	56.7	3.7	2.3
SRX 4682	5.0	95.0	81.7	90.0	93.3	56.7	53.3	30.0	50.0	3.7	2.0
VB99	4.3	78.0	56.7	73.3	86.7	43.3	40.0	30.0	31.7	3.0	2.0
PALMER III	5.0	94.7	73.3	80.0	90.0	60.0	53.3	36.7	50.0	4.0	2.7
PANTHER	4.3	90.0	75.0	83.3	93.3	60.0	46.7	33.3	40.0	4.0	2.3
PREMIER II	4.3	90.0	68.3	80.0	91.7	40.0	43.3	26.7	43.3	3.0	2.0
BARLENNIUM	4.7	95.0	61.7	75.0	90.0	46.7	46.7	33.3	40.0	3.3	2.0
FIREBOLT (PRG HS-01-09)	4.7	90.0	61.7	73.3	86.7	60.0	43.3	26.7	43.3	3.3	2.0
NEXUS XD (SP4)	5.0	95.0	68.3	80.0	90.0	53.3	53.3	30.0	40.0	3.7	2.3
AFFINITY	4.3	93.3	70.0	83.3	95.0	53.3	31.7	33.3	50.0	3.3	2.0
LPR 02203	4.7	94.7	75.0	81.7	90.0	60.0	50.0	36.7	40.0	3.3	2.0
PINNACLE	5.0	95.0	78.3	86.7	93.3	56.7	46.7	33.3	50.0	3.7	2.3
PREMIER	4.3	93.3	66.7	78.3	88.3	53.3	43.3	33.3	50.0	3.3	2.0
CADDIESHACK II (JR-163)	5.0	93.3	73.3	81.7	88.3	56.7	53.3	33.3	46.7	3.7	2.0
LINN	4.0	91.7	65.0	78.3	93.3	53.3	50.0	33.3	43.3	3.0	2.0
LSD VALUE	6.7	42.5	43.4	35.9	43.0	52.3	41.6	39.4	35.9	2.4	2.2
C.V. (%)	22.1	12.6	18.7	11.8	10.1	21.6	25.9	32.1	28.2	18.8	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.

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

TABLE 30. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
SR 4600 (SRX 4SP)	5.5	6.8	6.5	6.3	6.6	7.8	6.6
BAR LP 4317	5.7	6.7	6.6	6.3	6.6	7.0	6.4
CHIVALRY (APR 1648)	5.9	6.8	6.1	6.1	6.1	7.8	6.4
D04-LP05	5.7	6.2	6.3	6.4	6.5	7.4	6.4
FIESTA 4 (PICK F4)	5.9	6.9	6.3	6.2	6.0	7.8	6.4
GRAND SLAM 2 (PST-2GSM)	5.8	6.3	6.3	6.4	6.1	7.8	6.4
ZOOM (LCK)	5.9	6.5	6.2	6.0	6.7	7.7	6.4
MACH I	5.8	5.9	6.1	6.1	6.5	7.8	6.3
PANTHER GLS	5.6	6.4	6.1	6.3	6.1	8.1	6.3
PRIMARY (IS-PR 269)	5.6	6.3	6.3	6.0	6.2	7.7	6.3
HARRIER (SRX 4UP3)	5.5	5.9	5.9	6.3	6.4	7.5	6.2
OVERDRIVE	6.1	6.3	5.9	5.9	5.8	7.2	6.2
PARAGON GLR	5.5	6.7	5.8	5.9	6.0	7.8	6.2
ALLSTAR 3 (IS-PR 274)	5.5	6.5	5.5	6.0	6.1	7.2	6.1
LINE DRIVE GLS (APR 1797)	5.5	6.1	5.8	5.9	6.1	7.7	6.1
PACESETTER II (PS-2)	5.5	6.1	6.3	5.7	5.8	7.4	6.1
PALMER IV	5.6	6.6	5.7	5.8	6.1	7.4	6.1
SECRETARIAT II GLSR (LTP-101-GLSR)	5.8	6.4	5.8	6.1	5.7	7.6	6.1
TRANSFORMER (D04-1667)	5.4	6.3	6.1	5.8	6.3	6.9	6.1
CHARISMATIC II GLSR (LTP-PG-GLSR)	5.5	6.1	5.9	5.8	6.1	6.9	6.0
FOREVER (DP 17-9499)	5.2	6.3	5.8	5.7	5.9	7.3	6.0
GRAY FOX (PST-2MNG)	5.3	6.1	6.0	5.9	6.0	7.1	6.0
LA QUINTA (JR-255)	5.3	6.3	6.0	5.7	5.8	7.3	6.0
MANHATTAN 5 GLR (PST-2AM)	5.8	6.5	5.9	5.9	5.7	6.7	6.0
REVENGE GLX (JR-348)	5.6	6.5	5.7	5.7	5.9	7.1	6.0
ASP6003 (TRS)	5.8	5.9	5.3	5.7	5.9	7.8	5.9
EDGE II (AC2)	5.7	6.2	5.7	5.7	5.5	7.3	5.9
FIJI (GPR)	5.3	6.3	5.5	5.7	5.7	7.3	5.9
RINGER II (04-BEN)	5.3	5.5	6.1	5.5	5.9	7.4	5.9
1G SQUARED (APR 1664)	5.2	6.3	5.6	5.3	5.9	6.9	5.8
ACCENT II (JR-119)	5.3	5.9	5.8	5.5	5.6	6.9	5.8
ASP6002 (BPR)	5.5	6.1	5.5	5.1	5.7	7.5	5.8
CADDIESHACK II (JR-163)	5.2	6.1	5.7	6.0	5.3	7.1	5.8
CALYPSO 3 (MS2)	5.1	5.7	5.8	5.5	6.3	6.9	5.8
DP 17-9788	4.4	6.3	5.9	5.4	6.1	6.9	5.8
GRAY STAR (PST-2LGL)	5.7	6.3	5.7	5.5	5.0	6.9	5.8
KOKOMO II (IS-PR 235)	4.8	5.9	5.3	5.7	6.1	7.6	5.8
MAJESTY II (VB77)	5.6	5.9	5.4	5.5	5.7	7.1	5.8
NOTABLE (AF)	5.6	6.3	5.6	5.3	5.7	6.8	5.8
APPLE GL (AAZ-B104)	5.4	5.9	5.2	5.4	5.5	7.2	5.7
ASP6005 (AJM)	5.7	6.0	5.0	5.5	5.5	7.2	5.7
BACCARAT (RAD-PR8)	4.9	5.8	5.7	5.5	5.5	7.1	5.7
DART (APR 1663)	4.9	5.7	5.7	5.7	5.6	7.0	5.7
DELAWARE XL (PICK 01-2)	5.3	6.0	5.3	5.5	5.5	7.3	5.7
GOALKEEPER II (JR-114)	4.6	5.6	5.7	5.6	5.9	6.8	5.7
KEYSTONE 2 (IS-PR 312)	5.6	5.9	5.3	5.3	5.5	6.8	5.7
PALACE (IS-PR 273)	5.2	5.7	5.5	5.3	5.7	7.3	5.7

TABLE 30. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PALMER V (RNS)	5.7	5.7	5.3	5.2	5.5	7.3	5.7
PINNACLE II	4.8	5.9	5.4	5.3	6.1	6.9	5.7
PIZZAZZ	4.7	5.8	5.5	5.5	5.7	6.9	5.7
PLATEAU (PST-2LAN)	5.3	5.6	5.6	6.0	5.5	7.0	5.7
PLEASURE SUPREME (PM 103)	5.5	6.1	5.3	5.5	5.6	7.0	5.7
PM 102	5.2	5.9	5.3	5.2	5.7	7.2	5.7
SOPRANO (DP1)	5.3	5.6	5.4	5.7	5.7	6.8	5.7
TOP GUN II (JR-324)	5.1	6.2	5.5	5.7	5.7	6.4	5.7
BAR LP 4420	5.0	5.9	5.5	5.4	5.7	6.8	5.6
PALMER GLS (GL-2)	5.6	5.5	5.5	5.2	5.5	6.8	5.6
REGAL 5 (IS-PR 271)	5.1	5.9	5.1	5.3	5.9	6.6	5.6
SILVER DOLLAR	5.1	5.7	5.6	5.4	5.5	6.7	5.6
SUNSHINE 2	4.9	5.7	5.4	5.2	5.5	7.1	5.6
ATTRIBUTE (IS-PR 270)	4.9	5.6	5.4	5.4	5.5	6.7	5.5
CUTTER II (PM 101)	5.1	5.6	5.5	5.2	5.4	6.4	5.5
DASHER 3 (PICK RB-1)	5.0	5.5	5.3	5.3	5.3	6.6	5.5
PENTIUM	5.5	5.5	5.5	5.3	5.3	6.4	5.5
PICK 02-R	4.3	6.0	5.5	5.2	5.5	6.7	5.5
PST-217	4.7	5.8	5.6	5.3	5.5	6.5	5.5
PST-2BLK	4.8	5.9	5.0	5.7	5.3	7.0	5.5
ASP6004 (EXS54)	4.9	5.4	5.1	5.0	5.6	6.7	5.4
BREA (04-BRE)	4.6	5.3	5.4	4.9	5.5	6.8	5.4
BRIGHTSTAR SLT	5.2	5.5	5.1	5.2	5.2	6.3	5.4
CITATION FORE	4.9	5.5	5.4	4.9	5.3	6.4	5.4
PROTEGE GLR	5.2	5.8	4.9	5.3	5.1	6.3	5.4
STELLAR GL (IS-PR 236)	4.9	5.7	4.9	5.4	5.5	6.5	5.4
UNO (D04-11T)	5.0	5.4	5.0	5.4	5.2	6.7	5.4
ASP6001 (RTS)	4.4	5.6	5.4	4.9	5.4	6.5	5.3
E-99	5.0	5.3	5.3	5.1	5.3	6.4	5.3
FUSION	4.6	5.4	5.2	5.5	5.3	6.2	5.3
LS 2300 (APR 1670)	4.5	5.0	5.3	5.3	5.5	6.8	5.3
MONTEREY 3 (JR-408)	4.7	5.7	5.5	5.1	5.2	6.4	5.3
PST-2AG4	5.2	5.3	5.0	5.2	5.1	6.5	5.3
QUICKSILVER	5.1	5.9	4.9	4.7	5.2	6.1	5.3
REPELL GLS	4.7	5.4	5.1	5.3	5.1	6.8	5.3
SRX 4682	4.5	5.7	5.3	5.3	5.0	6.3	5.3
BUENA VISTA	4.6	5.5	4.6	4.5	5.5	6.5	5.2
DERBY XTREME (IS-PR 268)	4.9	5.3	5.1	4.9	5.0	6.3	5.2
EXACTA II GLSR (LTP-611-GLSR)	4.7	5.4	5.1	4.7	5.2	6.5	5.2
GALATTI (DP 17-9502)	4.8	5.7	5.1	4.8	5.1	6.2	5.2
PRESIDIO (CNV)	4.9	5.4	4.9	5.0	5.1	6.4	5.2
TR47	4.7	5.3	5.1	4.9	5.4	6.3	5.2
AMAZING GS (IS-PR 276)	4.9	5.5	5.2	4.5	5.0	6.1	5.1
BARLENNIUM	4.5	4.9	5.3	5.0	5.3	6.2	5.1
ES45	4.5	5.4	4.9	4.6	4.9	6.7	5.1
INSPIRE	4.6	5.8	4.9	5.1	4.9	5.8	5.1
MMW	5.1	5.1	5.4	4.5	4.9	5.6	5.1

TABLE 30. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/
2005-09 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PALMER III	4.3	5.1	5.3	4.8	5.6	6.0	5.1
PREMIER II	4.7	5.5	4.7	5.1	4.8	6.3	5.1
BAR LP 4920	4.6	5.4	4.9	4.9	4.9	5.9	5.0
PROTOTYPE (DCM)	4.4	5.1	4.7	4.9	4.9	6.3	5.0
HAWKEYE 2 (SRX 4692)	4.2	5.1	4.9	5.0	4.9	6.1	4.9
DEFENDER (D04-UP)	4.2	5.0	4.7	4.6	4.7	5.9	4.8
HOMERUN (RG3P)	3.8	4.8	4.9	4.5	4.7	6.0	4.8
NEXUS XR (SNR)	4.1	4.8	4.4	4.5	5.2	6.1	4.8
VB99	4.7	5.1	4.8	4.3	4.8	5.7	4.8
WAYFARER (L44)	4.3	4.5	4.7	4.5	4.7	6.7	4.8
FIREBOLT (PRG HS-01-09)	4.4	5.0	4.7	4.4	4.6	5.3	4.7
PANTHER	4.3	5.1	4.6	4.6	4.7	5.7	4.7
HEADSTART 2	4.1	4.7	4.2	4.5	4.5	5.8	4.6
LPR 02203	4.5	4.3	4.5	4.7	4.4	5.3	4.6
PREMIER	3.7	4.9	4.7	4.7	4.2	5.5	4.6
PHENOM (APR 1660)	4.5	4.5	4.3	4.4	3.9	5.6	4.5
CABO II (IS-PR 233)	4.0	4.2	4.8	4.0	4.5	5.2	4.4
NEXUS XD (SP4)	3.7	3.9	4.8	4.3	4.3	5.8	4.4
AFFINITY	3.7	4.6	4.5	4.5	4.0	4.6	4.3
ASP6006 (LPFG)	3.9	4.7	4.0	3.8	4.3	5.4	4.3
PINNACLE	3.4	4.6	4.1	4.1	4.5	4.8	4.2
WIND DANCE 2 (PWDR)	3.4	3.8	4.1	4.0	4.3	5.4	4.1
HALO (KN42)	3.1	4.7	4.1	4.0	4.3	4.3	4.0
PIANIST (DP 17-9505)	3.5	4.1	4.2	3.7	4.0	4.6	4.0
LINN	2.1	3.0	2.8	2.9	3.1	3.6	2.9
LSD VALUE	2.1	1.5	1.5	1.6	1.7	1.5	1.2
C.V. (%)	41.4	31.1	31.7	33.5	33.0	25.6	27.2

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.