

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS						MEAN
	COLOR	MAY	JUN	JUL	AUG	SEP	OCT	
PANGEA GLR (CL 11701)	8.0	6.3	6.0	5.7	6.3	6.3	7.7	6.4
PST-2BNS	7.3	7.7	5.7	6.3	6.7	5.7	6.0	6.3
THRIVE (IS-PR 469)	7.0	7.3	6.7	6.0	5.7	5.7	6.3	6.3
APR 2320	7.3	6.0	5.7	5.7	6.3	6.3	7.0	6.2
PST-2NKM	7.3	6.0	6.0	6.3	6.7	5.7	6.7	6.2
RAD-PR62	7.3	5.3	6.7	6.0	6.7	6.0	6.7	6.2
BAR LP 10970	6.7	5.3	6.3	6.0	6.0	6.3	6.3	6.1
CL 11601	7.7	5.7	5.7	6.7	6.0	6.3	6.0	6.1
GRAND SLAM GLD (PPG-PR 164)	6.7	6.3	6.0	6.0	6.7	5.7	6.0	6.1
KARMA (PICK 10401)	6.7	5.7	6.7	5.7	6.0	6.0	6.7	6.1
GREEN SUPREME (PPG-PR 121)	7.7	5.7	6.3	5.3	6.0	5.7	7.3	6.1
PACIFIC GEM (PST-2MG7)	7.3	7.0	5.7	5.3	6.0	5.3	7.0	6.1
STELLAR 3GL (PPG-PR 134)	7.7	6.0	6.3	5.3	6.0	6.3	6.7	6.1
SR4660ST (SRX-4MSH)	7.0	5.7	5.7	5.7	5.7	6.7	6.7	6.0
BANFIELD (IS-PR 491)	7.3	5.7	6.0	5.3	5.7	5.7	7.3	5.9
OCTANE	7.7	6.3	6.3	6.0	6.0	5.7	5.0	5.9
PPG-PR 142	7.0	6.3	6.7	5.3	6.0	4.7	6.3	5.9
STAMINA (IS-PR 487)	6.7	6.3	6.7	5.0	5.7	6.0	6.0	5.9
WICKED (SRX-4RHD)	7.7	5.7	5.7	6.0	6.3	5.7	6.0	5.9
A-35	8.3	5.7	5.7	5.3	6.3	5.0	7.0	5.8
APPLE SGL (PPG-PR 140)	7.3	6.0	5.7	5.7	5.7	5.7	6.0	5.8
ASPAIRE (IS-PR 489)	7.7	6.3	5.3	4.7	6.0	5.3	7.3	5.8
DLF LGT 4182	7.3	6.7	6.7	4.7	5.7	4.7	6.7	5.8
GO-PR60	8.0	6.3	6.0	6.3	6.0	5.0	5.3	5.8
HANCOCK (IS-PR 479)	7.3	6.3	6.3	5.3	5.3	4.7	7.0	5.8
JR-192	6.0	6.0	7.0	5.0	5.0	5.3	6.7	5.8
PILLAR (CST)	6.7	6.3	5.3	6.0	5.7	5.3	6.3	5.8
PPG-PR 136	6.7	6.3	6.0	5.3	5.0	5.0	7.0	5.8
PST-2ACR	7.7	5.3	5.7	6.0	5.7	5.7	6.7	5.8
BONNEVILLE	7.7	5.7	5.3	5.7	6.0	5.7	5.7	5.7
EVOLUTION (S85)	7.7	6.0	6.0	5.0	5.3	6.0	6.0	5.7
AMAZING A+ (PPG-PR 138)	7.3	6.0	5.3	5.3	5.7	5.3	6.3	5.7
BAR LP 7608	6.7	6.0	5.7	5.3	5.3	5.3	5.7	5.6
SEDUCTIVE (ISG-30)	8.0	6.0	5.7	4.3	5.7	4.7	7.0	5.6
LTP-RAE	8.0	5.0	5.3	5.3	6.3	5.3	6.3	5.6
PREMIUM (PPG-PR 137)	7.0	4.7	5.7	5.3	5.3	6.0	6.7	5.6
RAD-PR55R	7.3	5.7	6.0	4.7	5.0	5.0	7.0	5.6
SIDEWAYS (PSRX-S84)	7.3	6.7	6.3	4.0	4.3	5.7	6.3	5.6
SR 4650 (PSRX-3701)	6.7	6.3	5.7	5.0	4.7	5.0	6.7	5.6
PST-2NJK	6.7	5.7	5.3	4.7	5.3	5.7	6.3	5.5
EXCELLENCE (ISG-31)	8.0	5.0	5.0	5.3	6.0	5.0	6.7	5.5
PPG-PR 165	6.7	6.0	5.3	5.7	5.7	4.7	5.7	5.5
SALINAS II (PST-204D)	6.7	5.0	4.7	5.3	6.0	5.7	6.3	5.5
PST-2K9	7.0	5.3	6.0	6.0	4.3	5.7	5.7	5.5
UNO	7.0	5.7	5.3	5.3	5.7	5.0	6.0	5.5
BANDALORE (IS-PR 463)	7.0	6.0	5.7	4.3	5.3	4.7	6.3	5.4
CL 307	6.7	6.0	5.7	4.7	4.7	5.0	6.7	5.4

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	MAY	JUN	JUL	QUALITY RATINGS AUG	SEP	OCT	MEAN
LTP-PR 135	6.7	5.0	5.7	4.3	5.0	5.3	7.0	5.4
PINNACLE	5.7	5.0	5.3	5.7	6.0	6.0	4.7	5.4
PROMINENT (CS-20)	6.3	6.0	5.7	4.7	5.3	4.7	6.0	5.4
PRX-4GM1	7.0	5.0	4.7	5.3	5.7	5.3	6.3	5.4
PST-2DR9	7.0	5.7	5.0	5.0	6.0	4.7	6.3	5.4
ALLANTE	6.3	6.0	4.7	4.7	5.7	5.0	5.7	5.3
APR 2445	7.3	5.3	5.0	5.0	5.7	4.7	6.0	5.3
FASTBALL RGL (PPG-PR 133)	7.0	6.0	5.3	4.7	5.3	5.3	5.0	5.3
FIESTA 4	6.3	6.3	5.3	5.0	4.3	4.3	6.7	5.3
GO-G37	7.3	5.7	5.3	4.7	5.0	5.0	6.0	5.3
DILIGENT (IS-PR 492)	7.3	6.0	5.0	4.3	5.3	5.0	6.3	5.3
PALMER V	6.7	5.3	5.0	4.3	5.0	5.3	7.0	5.3
PLAYOFF 2 (P02)	7.0	5.3	5.0	4.3	6.0	5.7	5.7	5.3
PST-2TQL	6.3	5.3	5.7	4.7	5.3	5.0	5.7	5.3
BAR LP 10969	6.3	6.3	5.3	4.3	4.3	5.0	5.7	5.2
CS-PR66	7.0	5.7	5.7	5.0	5.3	4.0	5.7	5.2
DLF LGD-3022	6.3	5.3	4.7	5.3	5.0	5.0	5.7	5.2
DOMINATOR (PST-2AG4)	6.7	6.0	5.3	4.3	4.7	5.0	6.0	5.2
HAVEN (APR 2038)	7.0	5.3	5.0	5.7	5.0	4.7	5.7	5.2
PIZZAZZ 2 GLR (PR 909)	6.0	6.3	5.3	4.0	5.0	5.0	5.7	5.2
RIO VISTA	7.3	6.0	4.7	4.7	5.3	5.0	5.7	5.2
SOX FAN (GM3)	6.7	5.0	4.7	4.7	5.3	5.7	5.7	5.2
SUNSTREAKER (APR 2036)	6.3	5.7	4.7	5.0	4.7	4.3	6.0	5.1
JR-178	6.7	5.3	5.0	4.0	5.3	5.0	6.0	5.1
BAR LP 10972	7.0	5.7	5.0	4.7	4.7	3.7	5.7	4.9
BRIGHTSTAR SLT	6.3	4.7	5.7	4.3	5.3	4.0	5.3	4.9
VINTAGE (ISG-36)	7.0	5.0	5.0	3.7	5.0	4.3	6.3	4.9
MANHATTAN 6 GLR (PST-2MAGS)	7.0	5.0	5.0	3.7	4.3	5.3	6.0	4.9
PPG-PR 128	7.7	5.3	4.7	5.0	5.0	5.0	4.7	4.9
MONSIEUR (IS-PR 488)	7.7	5.0	4.7	5.3	4.7	4.3	4.7	4.8
PROVOST (PPG-PR 143)	8.0	4.7	4.7	4.3	5.0	5.0	5.3	4.8
PSRX-4CAGL	7.0	4.3	6.0	4.0	5.0	4.0	5.7	4.8
INSIGHT	7.0	4.7	5.0	4.7	4.3	4.3	5.3	4.7
RINOVO	7.3	4.7	5.0	4.3	5.0	4.3	5.0	4.7
GO-DHS	7.7	4.7	4.0	3.7	4.0	4.7	6.7	4.6
LINN	6.0	3.3	3.3	6.3	6.0	5.3	3.3	4.6
RIPTIDE (IS-PR 409)	6.7	5.0	5.0	3.3	3.7	3.7	6.3	4.5
PICK 4DFHM	7.0	4.7	3.7	4.7	4.3	4.0	5.3	4.4
SIENNA	7.3	4.7	4.3	4.0	4.3	4.3	5.0	4.4
DLF LGD-3026	6.0	4.3	4.7	3.3	4.0	3.7	5.0	4.2
MACH I	6.7	4.7	4.3	3.7	4.0	3.7	4.7	4.2
LSD VALUE	2.6	4.9	3.9	2.6	3.4	1.8	2.9	2.2
C.V. (%)	11.9	21.3	20.5	20.7	19.8	16.5	17.7	13.9

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 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS				OCT	MEAN
						JUL	AUG	SEP			
PST-2NKM	5.3	6.3	7.0	6.0	7.0	5.7	5.7	6.7	6.7	6.7	6.4
THRIVE (IS-PR 469)	6.3	6.3	6.0	6.3	6.7	6.7	5.3	6.7	7.0	6.7	6.4
DILIGENT (IS-PR 492)	5.7	7.3	6.7	6.0	6.7	6.0	5.0	6.7	7.3	6.7	6.3
JR-192	6.0	6.3	6.3	6.3	6.3	6.7	5.7	6.0	6.7	6.7	6.3
WICKED (SRX-4RHD)	6.0	6.3	5.7	6.0	7.3	6.3	5.7	6.3	6.7	6.7	6.3
BANFIELD (IS-PR 491)	6.0	6.3	6.7	6.7	7.0	6.3	4.3	6.3	6.0	6.7	6.2
KARMA (PICK 10401)	6.0	6.7	6.3	6.7	6.7	6.0	5.3	6.3	6.3	6.7	6.2
STELLAR 3GL (PPG-PR 134)	5.7	7.0	6.3	6.3	6.3	6.3	5.0	6.3	7.0	6.7	6.2
CL 11601	6.0	6.7	6.7	6.3	6.3	6.3	5.0	6.0	6.3	6.7	6.1
HANCOCK (IS-PR 479)	6.7	6.7	6.3	5.7	6.7	6.7	4.7	6.3	6.7	6.7	6.1
MANHATTAN 6 GLR (PST-2MAGS)	6.0	6.0	6.3	7.0	6.3	6.0	4.7	6.0	6.7	6.7	6.1
GREEN SUPREME (PPG-PR 121)	5.3	7.0	6.0	5.7	6.7	6.0	5.3	6.7	6.7	6.7	6.1
PROVOST (PPG-PR 143)	5.7	7.0	6.3	6.0	6.7	6.0	5.0	6.3	6.7	6.7	6.1
PPG-PR 165	5.3	6.3	6.3	6.7	6.7	6.3	4.7	6.0	6.0	6.7	6.1
PREMIUM (PPG-PR 137)	6.0	7.0	6.7	6.3	6.0	6.3	5.0	6.3	6.3	6.7	6.1
SR 4650 (PSRX-3701)	6.0	6.0	6.3	6.7	7.0	5.3	5.0	6.0	6.7	6.7	6.1
SR4660ST (SRX-4MSH)	5.0	6.7	6.0	6.3	6.3	6.0	5.0	7.0	6.3	6.7	6.1
PST-2NJK	6.3	7.0	6.7	6.3	5.7	6.3	5.0	5.7	6.7	6.7	6.0
APPLE SGL (PPG-PR 140)	6.0	6.3	6.3	5.7	6.7	6.0	4.7	5.7	6.7	6.7	6.0
SUNSTREAKER (APR 2036)	5.7	6.7	6.3	5.7	7.0	6.0	5.0	6.0	6.3	6.7	6.0
EVOLUTION (S85)	5.7	6.7	6.0	5.7	6.3	6.7	4.7	6.0	6.3	6.7	6.0
FASTBALL RGL (PPG-PR 133)	5.7	6.7	5.7	6.3	6.0	6.7	4.7	6.0	6.7	6.7	6.0
LTP-PR 135	6.0	6.3	6.7	6.3	6.3	6.0	4.7	5.7	6.0	6.7	6.0
RINOVO	5.7	7.0	5.7	5.7	6.3	6.0	5.3	7.0	6.3	6.7	6.0
RIO VISTA	6.0	6.7	6.0	6.3	6.3	5.7	4.7	6.3	6.3	6.7	6.0
SIDEWAYS (PSRX-S84)	6.0	6.3	6.3	6.3	6.3	5.7	5.3	5.7	6.7	6.7	6.0
STAMINA (IS-PR 487)	5.3	6.3	6.7	6.7	6.0	5.7	5.0	6.0	6.0	6.7	6.0
UNO	5.3	7.0	7.0	6.0	6.3	6.3	4.3	5.7	6.3	6.7	6.0
ALLANTE	5.3	6.3	6.3	6.7	6.3	6.0	4.3	5.3	6.0	6.7	5.9
JR-178	6.0	6.0	6.3	6.0	6.3	6.0	5.0	5.7	6.0	6.7	5.9
PST-2ACR	5.7	6.7	6.0	6.7	6.3	6.0	4.3	6.3	5.7	6.7	5.9
APR 2320	6.0	6.3	6.7	6.7	6.7	4.0	3.7	6.3	6.3	6.7	5.8
BAR LP 10970	6.0	7.0	6.3	6.7	6.3	5.0	4.0	6.0	6.3	6.7	5.8
GRAND SLAM GLD (PPG-PR 164)	6.3	6.7	6.0	5.3	5.7	6.0	4.7	6.3	6.7	6.7	5.8
PALMER V	6.3	7.0	5.7	5.7	6.7	6.3	4.7	5.7	6.0	6.7	5.8
PANGEA GLR (CL 11701)	6.3	6.7	6.7	5.7	5.7	5.3	4.3	6.7	6.3	6.7	5.8
PICK 4DFHM	6.0	6.7	6.0	6.3	6.7	6.0	4.0	5.3	6.0	6.7	5.8
PIZZAZZ 2 GLR (PR 909)	6.0	6.7	5.7	6.0	6.3	5.7	5.0	6.0	6.0	6.7	5.8
PST-2BNS	5.3	6.7	6.3	6.0	6.3	5.7	4.7	5.7	5.7	6.7	5.8
PST-2TQL	5.7	6.7	6.7	6.3	6.3	6.0	4.7	5.0	5.3	6.7	5.8
APR 2445	6.7	6.3	5.3	6.0	5.7	5.3	4.7	6.3	6.3	6.7	5.7
BANDALORE (IS-PR 463)	5.7	6.3	5.3	6.0	6.7	5.0	4.7	6.0	6.0	6.7	5.7
PILLAR (CST)	6.0	6.3	6.0	6.0	6.0	5.7	4.3	5.7	6.3	6.7	5.7
PPG-PR 128	6.3	7.0	6.3	6.3	6.3	5.0	4.7	5.0	6.0	6.7	5.7
PPG-PR 142	5.7	7.0	6.0	6.3	6.3	5.3	4.0	6.0	6.0	6.7	5.7
SALINAS II (PST-204D)	6.0	6.3	6.7	6.0	5.7	5.3	4.3	5.3	6.3	6.7	5.7
PLAYOFF 2 (P02)	6.0	6.3	6.3	5.7	6.0	6.0	4.0	5.3	5.7	6.7	5.6

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS		SEP	OCT	MEAN
PPG-PR 136	5.3	6.7	5.7	5.3	6.3	6.0	4.0	5.7	6.3	5.6
AMAZING A+ (PPG-PR 138)	6.0	6.3	6.7	6.3	6.0	5.3	4.3	5.3	5.3	5.6
PSRX-4CAGL	6.3	6.7	6.0	5.3	6.3	5.7	4.7	5.3	6.0	5.6
PACIFIC GEM (PST-2MG7)	6.0	6.0	6.0	6.0	5.7	5.7	4.3	5.3	6.3	5.6
ASPAIRE (IS-PR 489)	6.0	6.7	6.0	5.3	6.3	5.7	4.0	5.3	6.0	5.5
BAR LP 10969	5.0	7.0	5.7	5.7	5.7	5.7	5.0	5.0	6.0	5.5
BRIGHTSTAR SLT	5.3	6.3	6.0	6.0	6.3	5.7	4.3	5.0	5.3	5.5
CL 307	6.3	6.7	6.0	5.3	6.0	5.3	3.7	5.0	7.0	5.5
FIESTA 4	7.0	7.0	6.3	5.7	6.7	5.0	3.3	5.3	6.0	5.5
RIPTIDE (IS-PR 409)	6.0	7.0	5.7	4.7	6.0	5.3	4.3	6.0	6.3	5.5
PRX-4GM1	5.7	6.7	6.3	6.3	5.7	4.7	4.0	5.3	6.0	5.5
PST-2K9	6.0	6.0	5.7	6.3	6.0	5.3	3.7	5.0	6.3	5.5
CS-PR66	6.0	6.7	5.0	5.0	6.3	5.7	4.0	5.7	6.3	5.4
DOMINATOR (PST-2AG4)	6.3	7.0	6.3	6.0	6.7	5.7	3.7	4.3	5.3	5.4
GO-PR60	6.0	6.3	6.0	5.3	6.0	5.3	4.0	5.3	5.7	5.4
HAVEN (APR 2038)	5.7	7.0	6.7	5.7	6.3	5.3	3.7	4.3	6.0	5.4
INSIGHT	5.3	6.3	6.3	5.3	6.3	5.0	3.3	4.7	6.7	5.4
MONSIEUR (IS-PR 488)	6.0	6.7	6.0	6.3	5.7	4.7	4.0	5.0	6.0	5.4
PINNACLE	4.7	6.7	6.7	6.0	4.7	5.0	4.3	5.7	5.7	5.4
RAD-PR55R	6.0	7.0	5.7	5.3	6.0	5.3	4.7	5.0	6.0	5.4
SIENNA	5.7	6.3	6.3	6.3	6.0	4.3	3.3	4.7	6.7	5.4
SOX FAN (GM3)	6.0	6.7	6.0	6.3	6.0	4.7	3.3	5.7	6.0	5.4
GO-G37	6.7	8.0	5.7	5.3	6.0	5.7	3.3	5.0	6.0	5.3
MACH I	6.3	6.7	5.3	5.7	6.0	5.3	3.7	5.0	6.0	5.3
A-35	7.0	7.0	5.3	4.7	5.7	5.7	4.0	5.0	6.3	5.2
BONNEVILLE	5.7	6.3	6.3	5.3	5.7	5.0	3.7	5.7	5.0	5.2
SEDUCTIVE (ISG-30)	6.7	7.0	5.3	4.7	5.3	5.7	4.0	5.0	6.7	5.2
VINTAGE (ISG-36)	8.0	7.0	5.7	5.7	5.7	5.7	3.3	4.7	5.7	5.2
OCTANE	6.3	5.7	6.3	6.7	5.7	4.3	3.3	4.7	5.3	5.2
DLF LGD-3026	6.7	5.7	5.7	4.7	6.3	4.7	4.0	4.7	5.7	5.1
LTP-RAE	5.7	6.3	5.7	5.0	5.3	5.3	3.7	4.7	6.0	5.1
PST-2DR9	5.7	6.0	6.0	5.3	5.0	5.0	4.0	4.7	5.7	5.1
DLF LGD-3022	5.7	6.0	5.7	5.7	5.0	5.3	4.3	4.3	4.7	5.0
GO-DHS	6.7	6.3	5.3	4.7	5.0	5.0	3.3	4.7	6.7	5.0
EXCELLENCE (ISG-31)	7.0	6.7	5.3	4.7	6.0	5.3	3.3	4.0	6.7	5.0
RAD-PR62	5.3	6.0	5.3	4.3	5.7	5.7	4.0	5.3	5.0	5.0
BAR LP 10972	5.7	6.7	5.7	5.0	5.0	4.7	3.7	4.3	5.7	4.9
BAR LP 7608	5.7	6.0	5.3	4.7	5.7	5.0	3.7	4.7	5.0	4.9
PROMINENT (CS-20)	7.0	7.0	5.7	5.0	5.3	5.0	3.3	5.0	5.0	4.9
DLF LGT 4182	7.0	7.0	5.0	4.0	5.0	4.7	3.0	4.3	5.7	4.5
LINN	3.0	6.0	3.0	3.0	2.7	3.0	2.0	3.0	3.0	2.8
LSD VALUE	0.9	2.1	1.4	1.7	1.5	1.9	1.5	1.6	2.5	0.7
C.V. (%)	8.9	9.4	11.5	14.5	12.5	15.3	18.5	15.2	14.6	7.9

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

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

TABLE 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	WEAR TOLERANCE	DENSITY FALL	POA ANNUA COUNTS/PLOT	APR	MAY	JUN	QUALITY RATINGS					MEAN
					JUL	AUG	SEP	OCT	NOV				
GRAND SLAM GLD (PPG-PR 164)	6.7	6.7	6.7	7.7	7.0	6.7	6.7	7.0	7.0	7.0	7.0	6.0	6.8
PIZZAZZ 2 GLR (PR 909)	7.0	7.0	6.3	6.0	6.0	7.0	6.3	5.7	6.7	6.7	6.7	6.0	6.4
PILLAR (CST)	6.0	6.0	6.0	12.0	6.7	6.7	6.0	6.0	6.0	6.7	6.0	6.0	6.3
RINOVO	7.0	6.7	6.7	9.0	6.3	7.0	6.7	6.0	6.0	6.0	6.0	6.3	6.3
SUNSTREAKER (APR 2036)	6.7	7.3	5.3	7.0	6.0	6.7	6.3	6.3	6.3	6.0	5.7	6.0	6.2
KARMA (PICK 10401)	6.3	6.0	6.7	12.3	6.7	6.7	5.7	6.3	6.3	6.3	6.0	5.7	6.2
LTP-PR 135	6.0	5.7	6.0	7.0	6.7	6.3	6.3	5.7	6.7	6.0	6.0	5.7	6.2
PANGEA GLR (CL 11701)	7.7	6.7	5.3	9.3	6.7	6.7	6.0	6.3	6.0	6.0	5.7	6.0	6.2
AMAZING A+ (PPG-PR 138)	6.7	7.0	6.0	6.3	6.3	6.3	6.7	5.7	6.7	6.0	6.0	5.7	6.2
JR-178	6.7	6.3	6.3	18.3	6.3	6.0	6.0	6.0	6.0	6.0	6.3	6.0	6.1
GREEN SUPREME (PPG-PR 121)	6.3	7.7	6.3	12.0	6.3	6.7	6.3	6.0	6.0	6.0	5.7	6.0	6.1
PPG-PR 136	7.0	5.7	6.3	13.3	6.0	6.3	5.7	6.0	6.3	6.3	6.0	6.0	6.1
RIO VISTA	6.3	6.3	6.0	7.0	6.0	6.3	7.0	6.0	6.0	6.0	5.7	6.0	6.1
SIENNA	5.7	5.7	6.7	3.3	7.0	6.7	6.3	6.0	7.7	5.3	5.0	4.7	6.1
STAMINA (IS-PR 487)	6.7	6.3	6.0	8.3	6.3	6.7	6.0	6.0	6.0	6.7	5.7	5.7	6.1
APPLE SGL (PPG-PR 140)	6.3	6.0	5.7	12.0	6.0	6.0	6.0	6.7	6.3	6.0	5.7	5.7	6.0
FIESTA 4	7.7	7.0	6.0	16.3	6.3	6.7	6.0	5.7	6.0	5.7	6.0	5.7	6.0
RIPTIDE (IS-PR 409)	7.3	6.7	6.3	17.7	6.0	6.3	6.3	5.3	6.0	6.3	6.0	5.3	6.0
PROVOST (PPG-PR 143)	6.7	6.3	6.0	5.0	5.7	6.0	6.0	5.3	7.0	6.3	6.3	5.7	6.0
PSRX-4CAGL	7.7	6.3	6.0	10.3	6.0	6.0	6.0	5.7	6.0	6.3	6.0	6.0	6.0
PST-2BNS	6.3	6.3	6.3	11.7	6.3	6.7	6.0	5.7	6.0	6.0	5.7	5.3	6.0
SR 4650 (PSRX-3701)	6.7	5.7	6.3	8.7	6.3	6.0	5.7	6.3	6.7	6.3	5.7	5.3	6.0
SR4660ST (SRX-4MSH)	6.7	5.3	6.7	15.0	6.3	6.3	6.3	6.0	6.3	6.0	5.3	5.3	6.0
THRIVE (IS-PR 469)	7.7	7.0	6.0	19.3	6.0	6.3	6.3	6.3	6.0	5.7	5.7	5.7	6.0
ALLANTE	5.7	4.7	7.0	9.3	6.3	6.0	6.7	6.0	7.0	5.3	5.0	4.7	5.9
BANFIELD (IS-PR 491)	7.0	6.3	6.0	13.0	6.0	6.3	6.3	6.0	5.7	6.0	5.7	5.3	5.9
FASTBALL RGL (PPG-PR 133)	6.0	6.0	6.0	8.7	6.0	6.3	5.7	6.0	5.7	6.0	5.7	5.7	5.9
PPG-PR 165	6.7	6.0	6.0	9.0	6.3	5.7	6.0	6.0	6.3	6.0	5.3	5.7	5.9
STELLAR 3GL (PPG-PR 134)	6.7	6.3	5.3	16.7	6.3	6.0	5.7	5.7	6.0	6.0	5.7	5.7	5.9
WICKED (SRX-4RHD)	6.0	5.3	6.3	11.0	5.7	6.3	6.7	5.7	6.0	5.7	5.7	5.3	5.9
CL 307	7.7	6.3	6.3	32.0	6.0	6.0	6.0	5.7	6.0	5.7	6.0	5.3	5.8
EVOLUTION (S85)	6.7	6.0	5.7	10.0	6.3	6.0	6.0	6.0	5.7	6.0	5.3	5.3	5.8
DILIGENT (IS-PR 492)	7.3	7.3	6.0	23.3	6.0	6.0	6.0	5.7	5.3	5.7	6.0	5.7	5.8
JR-192	6.0	5.3	5.7	15.0	5.7	6.7	5.7	6.3	6.7	5.7	4.7	4.7	5.8
OCTANE	6.3	7.0	5.3	18.0	6.3	5.7	5.3	6.0	5.7	6.0	5.7	5.7	5.8
PREMIUM (PPG-PR 137)	6.7	5.3	6.3	20.0	6.0	5.3	6.0	5.7	6.0	6.0	5.7	6.0	5.8
SIDEWAYS (PSRX-S84)	7.0	5.7	6.0	18.7	6.0	5.7	5.7	6.3	6.0	6.0	5.7	5.3	5.8
SOX FAN (GM3)	7.3	6.0	6.0	14.3	6.0	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.8
HANCOCK (IS-PR 479)	7.3	6.7	6.0	23.0	6.0	6.0	6.0	5.7	6.0	5.3	5.3	5.3	5.7
PPG-PR 128	7.0	5.7	6.3	17.0	6.0	6.0	5.3	5.7	5.7	5.7	5.7	5.7	5.7
PPG-PR 142	6.7	6.0	6.0	15.3	6.3	5.7	5.7	5.7	5.7	6.0	5.3	5.3	5.7
PRX-4GM1	6.7	6.0	6.3	15.3	6.0	5.7	5.7	6.0	6.0	6.0	5.0	5.3	5.7
RAD-PR62	7.3	6.0	5.3	15.3	6.0	6.0	6.3	5.3	6.0	6.0	5.0	5.0	5.7
ASPAIRE (IS-PR 489)	6.3	6.3	6.0	18.7	6.0	6.0	5.7	5.0	5.3	6.3	5.3	5.3	5.6
BANDALORE (IS-PR 463)	6.7	6.3	5.7	15.7	6.0	6.3	6.0	6.0	5.0	5.3	5.3	5.0	5.6
BAR LP 10970	7.0	5.7	5.3	22.0	6.0	6.3	6.0	5.7	5.7	5.3	5.0	4.7	5.6
PACIFIC GEM (PST-2MG7)	6.7	6.0	5.7	16.7	6.0	6.3	5.3	5.7	5.3	6.0	5.0	5.3	5.6

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	WEAR TOLERANCE	DENSITY FALL	POA	APR	MAY	JUN	QUALITY RATINGS					MEAN
				ANNUA COUNTS/PLOT				JUL	AUG	SEP	OCT	NOV	
UNO	7.0	5.7	6.0	7.0	5.7	6.7	6.0	5.7	5.3	5.7	5.0	5.0	5.6
APR 2320	7.0	4.7	5.7	18.7	5.7	6.0	6.0	5.7	5.7	5.3	4.7	4.7	5.5
APR 2445	7.7	6.0	5.3	15.3	5.7	6.0	5.3	6.0	5.3	5.7	5.0	5.0	5.5
CL 11601	6.0	5.7	6.3	12.7	6.0	5.7	5.3	6.0	5.7	5.7	4.7	5.0	5.5
CS-PR66	7.7	6.0	6.0	24.7	6.0	6.3	5.7	5.3	5.3	5.7	5.0	5.0	5.5
LTP-RAE	7.0	5.3	6.0	10.3	6.0	6.0	5.3	5.0	5.7	5.7	5.3	5.0	5.5
PALMER V	6.7	6.7	5.7	16.3	5.0	5.7	5.7	5.3	5.7	6.0	5.3	5.0	5.5
PST-2K9	6.0	5.7	5.3	8.0	5.7	5.7	5.7	5.3	6.0	5.7	5.0	5.3	5.5
PST-2NKM	6.0	5.7	6.3	10.3	5.3	6.0	5.7	5.3	6.0	5.7	5.0	5.0	5.5
BAR LP 7608	6.3	4.3	6.0	33.0	6.0	6.0	6.0	5.7	5.3	4.7	4.7	5.0	5.4
BRIGHTSTAR SLT	6.0	6.0	6.0	13.0	6.0	5.7	5.0	5.3	6.0	5.3	5.0	4.7	5.4
DLF LGD-3022	7.0	5.0	5.7	18.0	5.7	5.3	6.0	5.3	5.0	5.7	5.0	5.0	5.4
INSIGHT	5.3	5.3	6.7	13.0	6.0	6.0	5.3	5.7	6.7	4.7	4.7	4.3	5.4
MANHATTAN 6 GLR (PST-2MAGS)	7.7	6.7	5.7	21.0	5.7	6.0	5.7	5.3	5.3	5.0	5.0	5.0	5.4
PST-2NJK	6.7	6.0	5.3	15.7	5.3	5.7	5.0	5.0	5.7	5.7	5.0	4.7	5.3
BAR LP 10972	6.3	4.7	5.3	11.3	5.3	5.3	5.7	5.3	5.3	5.3	5.0	5.0	5.3
BONNEVILLE	7.0	6.3	6.3	28.7	5.7	5.7	5.7	5.3	5.3	5.0	5.0	4.7	5.3
DOMINATOR (PST-2AG4)	7.3	6.0	6.0	18.0	5.7	5.3	5.3	5.3	5.7	5.3	4.7	4.7	5.3
GO-PR60	8.3	6.7	5.7	21.3	6.3	5.7	5.7	5.3	4.7	4.7	5.0	4.7	5.3
HAVEN (APR 2038)	6.3	5.7	5.7	31.0	5.0	6.0	5.3	5.3	5.3	5.0	5.3	5.0	5.3
MONSIEUR (IS-PR 488)	7.0	6.0	6.0	26.0	5.7	5.3	5.7	5.3	5.0	5.0	5.0	5.0	5.3
PICK 4DFHM	6.7	6.0	6.0	21.0	5.7	5.7	5.3	5.7	5.3	5.3	5.0	4.7	5.3
DLF LGD-3026	8.0	6.7	5.7	33.0	5.7	5.7	5.3	5.0	5.0	5.0	5.0	4.7	5.2
GO-G37	8.3	6.0	5.7	22.3	5.7	5.7	5.3	5.3	5.3	5.0	4.7	4.7	5.2
SALINAS II (PST-204D)	6.0	5.0	5.7	28.7	5.3	5.3	5.0	5.7	5.7	5.3	4.3	5.0	5.2
PST-2TQL	6.3	6.0	5.3	36.7	5.3	5.7	5.0	5.3	5.3	5.0	5.0	4.7	5.2
RAD-PR55R	7.7	6.0	5.3	35.7	5.7	6.3	5.7	5.0	4.7	4.7	4.7	5.0	5.2
BAR LP 10969	5.7	5.7	6.0	16.3	5.7	6.0	5.3	5.0	5.3	4.7	4.3	4.7	5.1
SEDUCTIVE (ISG-30)	9.0	6.0	6.3	39.3	5.7	5.3	5.0	5.3	5.3	5.0	4.7	4.3	5.1
PROMINENT (CS-20)	8.7	5.3	5.0	30.7	5.7	5.3	5.0	5.0	5.3	4.7	5.0	4.7	5.1
A-35	8.7	6.3	5.3	20.7	6.0	5.3	5.0	5.0	5.0	5.0	4.7	4.3	5.0
EXCELLENCE (ISG-31)	8.7	5.7	5.7	29.7	5.3	5.7	5.3	5.7	4.7	4.7	4.0	4.3	5.0
MACH I	7.7	4.7	6.3	22.7	6.0	5.3	5.7	5.0	5.0	4.7	4.3	4.0	5.0
PINNACLE	5.0	5.0	5.3	4.7	6.0	6.0	5.0	5.0	6.0	4.7	3.7	4.0	5.0
PLAYOFF 2 (P02)	7.0	5.0	5.7	15.7	5.7	5.3	5.0	5.3	5.3	4.7	4.3	4.3	5.0
PST-2DR9	7.0	5.0	5.7	20.3	5.3	5.3	5.0	5.3	5.0	4.7	5.0	4.7	5.0
VINTAGE (ISG-36)	9.0	6.0	5.3	25.7	5.0	5.3	5.0	5.0	5.0	5.0	4.7	4.3	4.9
PST-2ACR	7.0	5.3	5.0	40.3	5.3	5.7	5.0	4.7	4.7	4.3	4.3	4.3	4.8
GO-DHS	9.0	5.0	5.3	44.0	5.3	5.0	5.0	4.7	4.7	4.7	4.0	4.3	4.7
DLF LGT 4182	7.7	4.3	5.0	78.0	4.7	4.7	3.7	4.0	3.7	3.7	3.3	3.3	3.9
LINN	3.0	3.7	3.0	48.0	3.0	3.0	2.3	3.0	3.0	3.3	3.0	2.0	2.8
LSD VALUE	0.9	1.2	1.1	11.5	1.1	1.1	0.8	1.1	1.1	1.0	0.9	0.9	0.6
C.V. (%)	8.4	11.6	10.1	40.7	9.7	10.3	9.1	10.4	11.6	10.6	10.7	11.2	7.1

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

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

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2013 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

NAME	APR	MAY	JUN	JUL	OCT	NOV	DEC	MEAN
PANGEA GLR (CL 11701)	7.7	6.7	7.7	7.7	6.0	6.7	6.3	7.0
CL 11601	7.3	7.0	7.3	7.0	6.0	6.7	6.0	6.8
SR 4650 (PSRX-3701)	7.0	7.0	7.0	6.7	6.0	6.3	5.7	6.5
CL 307	6.3	6.3	6.7	6.0	6.3	6.7	6.3	6.4
PPG-PR 165	6.3	6.0	6.7	6.3	6.0	6.0	5.7	6.1
SIDEWAYS (PSRX-S84)	6.7	6.7	6.3	6.3	5.7	5.7	5.3	6.1
SUNSTREAKER (APR 2036)	6.7	7.0	6.7	7.3	4.3	5.3	5.0	6.0
EVOLUTION (S85)	6.7	6.3	6.3	6.0	5.3	6.0	5.7	6.0
KARMA (PICK 10401)	6.7	7.0	6.3	6.0	5.0	5.3	5.3	6.0
PPG-PR 136	6.3	6.0	6.7	6.3	5.7	5.7	5.3	6.0
PPG-PR 142	6.7	6.7	6.7	7.0	5.0	5.3	5.0	6.0
PST-2BNS	6.7	6.0	6.3	6.7	5.3	5.7	5.3	6.0
WICKED (SRX-4RHD)	7.0	6.3	6.3	7.3	5.0	5.3	5.0	6.0
HAVEN (APR 2038)	6.7	6.7	6.7	6.7	4.7	5.0	4.7	5.9
PROVOST (PPG-PR 143)	7.0	6.7	6.3	7.0	5.0	5.0	4.0	5.9
APPLE SGL (PPG-PR 140)	6.0	6.7	6.0	6.3	4.7	5.7	5.0	5.8
DLF LGD-3022	6.7	6.3	6.3	6.7	4.7	5.3	4.7	5.8
LTP-PR 135	6.7	6.7	6.7	6.3	4.7	5.3	4.3	5.8
PIZZAZZ 2 GLR (PR 909)	7.0	6.7	7.3	7.3	4.0	4.3	4.0	5.8
GREEN SUPREME (PPG-PR 121)	6.7	7.0	6.7	6.7	4.3	5.0	4.0	5.8
MONSIEUR (IS-PR 488)	6.3	6.3	6.3	6.0	5.0	5.3	4.7	5.7
RIO VISTA	6.7	6.0	6.3	6.3	4.3	5.3	5.0	5.7
OCTANE	6.7	7.0	6.3	5.7	4.7	4.7	4.0	5.6
PRX-4GM1	6.7	7.0	6.3	6.3	4.3	4.3	4.0	5.6
GRAND SLAM GLD (PPG-PR 164)	6.3	5.7	6.0	6.0	5.0	4.7	5.0	5.5
DILIGENT (IS-PR 492)	6.0	5.7	5.7	5.7	5.3	5.3	5.0	5.5
PREMIUM (PPG-PR 137)	6.3	6.3	6.0	6.3	4.7	4.7	4.3	5.5
PST-2NKM	5.7	6.3	5.7	6.0	5.0	5.0	5.0	5.5
RINOVO	7.0	7.0	6.7	7.0	3.3	4.0	3.7	5.5
UNO	5.7	5.7	6.0	5.7	4.7	5.3	5.3	5.5
BANDALORE (IS-PR 463)	6.0	6.7	6.3	6.7	4.0	4.3	4.0	5.4
BANFIELD (IS-PR 491)	6.3	6.7	6.0	6.3	4.0	4.7	4.0	5.4
PST-2K9	6.0	6.3	5.7	5.3	4.7	5.0	5.0	5.4
STAMINA (IS-PR 487)	6.3	6.3	6.0	5.7	4.3	4.7	4.3	5.4
THRIVE (IS-PR 469)	6.3	5.7	5.7	6.0	4.7	5.0	4.7	5.4
PST-2NJK	5.7	5.7	5.7	5.3	4.7	5.3	4.7	5.3
ASPAIRE (IS-PR 489)	6.0	6.0	6.0	5.3	4.3	5.0	4.7	5.3
BONNEVILLE	6.3	6.3	5.7	6.0	4.0	4.7	4.0	5.3
STELLAR 3GL (PPG-PR 134)	6.0	6.0	5.7	5.7	4.7	4.7	4.3	5.3
FASTBALL RGL (PPG-PR 133)	6.3	6.0	6.0	6.0	3.7	4.7	3.7	5.2
JR-178	6.0	5.7	5.7	5.7	4.7	4.7	4.0	5.2
PILLAR (CST)	5.7	5.7	6.0	6.0	4.7	4.7	4.0	5.2
AMAZING A+ (PPG-PR 138)	5.7	6.0	5.3	5.3	5.3	4.7	4.0	5.2
SR4660ST (SRX-4MSH)	6.0	6.0	6.0	5.7	4.0	4.7	4.0	5.2
MANHATTAN 6 GLR (PST-2MAGS)	7.0	6.0	5.7	5.0	4.0	4.3	3.7	5.1
PPG-PR 128	6.3	5.3	5.7	5.7	4.7	4.0	4.3	5.1
PST-2DR9	5.0	5.3	5.3	5.0	5.0	5.3	4.7	5.1

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/

2013 DATA								
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								
NAME	APR	MAY	JUN	JUL	OCT	NOV	DEC	MEAN
APR 2445	6.0	5.3	5.3	5.7	4.3	4.3	4.3	5.0
PSRX-4CAGL	6.0	6.0	5.3	5.0	4.3	4.3	4.0	5.0
PACIFIC GEM (PST-2MG7)	5.0	5.3	5.3	5.7	4.7	4.7	4.7	5.0
PALMER V	5.3	5.0	5.0	4.7	5.0	4.7	4.7	4.9
PLAYOFF 2 (P02)	5.0	5.7	5.0	5.0	4.3	4.7	4.3	4.9
SOX FAN (GM3)	5.7	5.7	5.3	4.7	4.0	4.3	4.3	4.9
CS-PR66	6.0	5.3	5.0	5.7	4.0	4.0	3.7	4.8
BAR LP 10970	5.0	5.7	5.3	5.3	3.3	4.0	4.3	4.7
DLF LGD-3026	6.0	5.7	5.3	5.0	3.7	3.7	3.7	4.7
LTP-RAE	5.3	5.3	5.0	5.3	4.0	4.0	4.0	4.7
RIPTIDE (IS-PR 409)	5.7	5.3	5.3	5.0	3.7	4.0	3.3	4.6
PICK 4DFHM	5.7	5.3	4.7	5.0	3.7	4.0	4.0	4.6
PST-2ACR	5.3	5.0	4.7	4.0	4.3	4.3	4.7	4.6
FIESTA 4	6.0	5.7	5.3	4.0	3.3	3.7	3.7	4.5
SALINAS II (PST-204D)	4.7	5.3	4.7	4.3	3.7	4.0	4.0	4.4
ENTRY 89	4.7	5.0	4.7	4.3	4.0	4.0	3.7	4.3
A-35	4.3	4.3	4.3	4.0	4.0	4.0	4.3	4.2
RAD-PR55R	4.7	5.0	4.7	4.3	3.3	3.3	3.3	4.1
DOMINATOR (PST-2AG4)	4.7	4.3	4.3	4.0	3.3	4.0	3.3	4.0
HANCOCK (IS-PR 479)	3.7	4.3	4.0	4.0	4.0	3.7	4.3	4.0
VINTAGE (ISG-36)	4.7	4.3	4.0	3.7	4.0	3.7	4.0	4.0
GO-PR60	4.3	4.3	4.0	4.3	3.3	3.3	3.3	3.9
BAR LP 10972	4.3	4.3	3.7	3.3	3.3	3.7	3.7	3.8
JR-192	4.3	4.3	4.0	4.7	3.0	3.3	2.7	3.8
ALLANTE	4.3	4.3	4.0	4.3	2.3	3.3	3.0	3.7
BRIGHTSTAR SLT	4.0	4.0	3.7	3.3	3.3	3.7	3.7	3.7
GO-G37	4.0	3.7	3.7	3.3	3.7	3.7	3.7	3.7
EXCELLENCE (ISG-31)	4.0	3.7	3.7	3.7	3.3	3.7	3.7	3.7
PROMINENT (CS-20)	4.0	4.0	3.7	3.0	3.7	3.7	3.7	3.7
PST-2TQL	4.3	4.3	4.0	3.7	3.3	3.0	3.3	3.7
SEDUCTIVE (ISG-30)	4.3	4.0	3.7	3.3	3.3	3.3	3.3	3.6
RAD-PR62	4.3	4.0	3.3	3.7	3.0	3.0	3.0	3.5
BAR LP 10969	3.3	3.7	3.3	3.3	3.0	3.7	3.3	3.4
DLF LGT 4182	4.0	3.7	3.3	3.7	2.7	3.3	3.0	3.4
PINNACLE	3.7	4.0	3.7	4.0	2.0	2.3	2.3	3.1
APR 2320	3.0	3.3	3.3	3.3	2.3	2.7	2.7	3.0
MACH I	3.3	3.3	3.0	3.0	2.7	2.7	2.7	3.0
INSIGHT	2.7	3.0	3.0	3.0	2.0	2.3	2.3	2.6
GO-DHS	2.7	2.3	2.3	2.7	2.0	2.3	2.7	2.4
SIENNA	2.3	2.7	2.7	3.0	2.0	2.0	2.3	2.4
BAR LP 7608	2.3	2.7	2.3	2.7	1.7	2.0	2.0	2.2
LINN	2.0	2.0	2.0	2.0	2.0	2.3	2.7	2.1
LSD VALUE	1.2	1.0	1.1	1.4	1.2	1.5	1.5	0.8
C.V. (%)	14.7	12.6	14.3	17.5	18.8	21.0	21.6	11.4

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

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

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS							MEAN
	COLOR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-2TQL	6.3	5.7	6.7	7.3	7.7	7.7	8.0	7.0	7.1
SR 4650 (PSRX-3701)	6.0	6.0	7.3	7.3	7.0	7.3	7.7	7.0	7.1
PST-2NJK	6.0	5.7	6.7	7.3	6.7	7.3	7.3	7.3	6.9
BANFIELD (IS-PR 491)	6.0	5.7	7.0	7.0	7.0	7.3	7.3	6.7	6.9
BAR LP 10969	6.0	5.7	6.7	7.3	7.0	7.0	7.3	7.0	6.9
EVOLUTION (S85)	6.3	5.7	6.7	7.0	7.3	7.7	7.3	6.7	6.9
RIPTIDE (IS-PR 409)	7.0	5.7	6.7	7.0	7.0	7.7	7.3	7.0	6.9
AMAZING A+ (PPG-PR 138)	6.3	5.7	6.7	7.3	7.0	7.3	7.3	6.7	6.9
PROVOST (PPG-PR 143)	6.0	5.7	7.0	7.3	7.3	7.3	7.0	6.3	6.9
PST-2NKM	6.0	5.3	6.3	7.3	7.3	7.3	7.7	7.0	6.9
STAMINA (IS-PR 487)	6.3	5.3	6.3	7.7	7.7	7.0	7.3	7.0	6.9
APR 2320	6.3	5.7	6.0	7.3	6.7	7.3	7.3	7.0	6.8
BONNEVILLE	6.3	5.3	6.0	7.0	7.0	7.7	7.7	6.7	6.8
CL 11601	6.7	5.3	6.7	7.0	7.3	7.3	7.0	7.0	6.8
GRAND SLAM GLD (PPG-PR 164)	6.3	5.7	7.0	7.0	7.3	7.3	6.7	6.3	6.8
KARMA (PICK 10401)	6.3	5.7	7.3	7.7	7.0	6.7	6.7	6.7	6.8
PANGEA GLR (CL 11701)	7.0	5.7	7.0	7.3	7.0	7.0	6.7	6.7	6.8
PIZZAZZ 2 GLR (PR 909)	6.0	5.3	7.3	7.7	7.0	7.0	6.7	6.7	6.8
RAD-PR55R	6.7	5.7	7.0	7.0	7.0	7.3	7.0	6.7	6.8
BRIGHTSTAR SLT	6.0	5.7	6.0	7.0	7.0	7.0	7.0	7.0	6.7
HANCOCK (IS-PR 479)	7.0	6.0	6.3	7.0	6.7	7.0	7.0	6.7	6.7
JR-178	6.0	5.3	6.7	7.3	7.0	7.0	7.0	6.3	6.7
JR-192	6.0	6.0	6.3	7.3	7.0	7.0	7.0	6.0	6.7
LTP-RAE	6.0	5.3	6.7	7.3	7.0	7.3	7.0	6.0	6.7
PPG-PR 128	6.0	5.3	6.0	7.0	7.0	7.7	7.3	6.7	6.7
PPG-PR 165	6.3	5.3	6.7	7.0	7.0	7.0	7.0	6.7	6.7
SALINAS II (PST-204D)	6.0	5.7	6.3	6.7	7.0	7.0	7.3	7.0	6.7
PST-2DR9	6.0	5.3	6.0	7.0	7.0	7.0	7.7	7.0	6.7
RIO VISTA	6.7	5.0	6.3	7.0	6.7	7.7	7.3	7.0	6.7
SR4660ST (SRX-4MSH)	6.0	5.7	6.3	7.3	7.3	7.3	6.7	6.3	6.7
APPLE SGL (PPG-PR 140)	6.0	5.3	6.7	7.3	7.0	7.0	6.7	6.3	6.6
ASPAIRE (IS-PR 489)	6.3	5.3	6.3	7.0	6.7	7.0	7.0	6.7	6.6
BAR LP 7608	5.7	6.0	6.3	7.0	7.0	7.0	6.7	6.3	6.6
CL 307	6.7	5.3	6.7	7.3	6.7	7.0	6.7	6.7	6.6
DOMINATOR (PST-2AG4)	6.3	5.3	6.3	7.0	7.0	6.7	6.7	7.0	6.6
INSIGHT	6.0	5.7	6.3	7.0	7.0	7.3	6.7	6.3	6.6
OCTANE	6.3	5.0	6.3	7.0	6.7	7.0	7.3	7.0	6.6
PPG-PR 136	6.7	6.0	6.0	6.7	6.7	7.0	7.3	6.7	6.6
PPG-PR 142	6.0	5.3	6.3	7.0	6.7	7.0	7.3	6.7	6.6
PRX-4GM1	6.0	5.3	6.3	6.7	7.3	7.3	7.0	6.3	6.6
PST-2K9	6.0	5.3	6.7	7.0	6.7	7.0	7.0	6.3	6.6
SIENNA	5.7	5.7	6.3	7.7	7.0	7.3	6.3	6.0	6.6
SOX FAN (GM3)	6.0	6.0	6.3	7.0	7.0	7.3	6.7	6.0	6.6
UNO	6.0	6.0	6.7	7.3	6.3	7.0	7.0	6.0	6.6
SUNSTREAKER (APR 2036)	6.7	5.3	6.3	7.0	6.7	7.0	7.0	6.3	6.5
BAR LP 10970	6.0	5.7	6.3	7.0	6.7	6.7	6.7	6.7	6.5
DLF LGD-3022	6.0	5.3	6.7	7.0	7.0	6.7	6.7	6.3	6.5

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	QUALITY RATINGS							MEAN
	COLOR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
GO-PR60	6.7	5.0	6.0	7.0	7.0	7.0	7.0	6.7	6.5
DILIGENT (IS-PR 492)	6.0	5.3	6.7	7.0	6.7	7.0	6.3	6.3	6.5
LTP-PR 135	6.0	5.0	6.3	7.0	7.0	7.0	7.0	6.3	6.5
PREMIUM (PPG-PR 137)	6.3	5.7	6.0	7.3	7.0	6.7	6.3	6.3	6.5
PSRX-4CAGL	7.0	5.3	6.3	6.7	6.7	7.3	6.7	6.3	6.5
PST-2BNS	6.3	5.3	6.3	6.7	6.7	7.0	6.7	6.7	6.5
STELLAR 3GL (PPG-PR 134)	6.3	5.7	6.7	7.0	7.0	7.0	6.3	6.0	6.5
WICKED (SRX-4RHD)	6.3	5.3	6.3	7.0	6.7	7.3	6.3	6.3	6.5
ALLANTE	5.7	5.0	6.7	7.0	6.7	7.3	6.0	6.3	6.4
APR 2445	6.0	5.7	6.0	6.7	6.7	6.3	7.3	6.3	6.4
FASTBALL RGL (PPG-PR 133)	6.3	5.0	6.0	6.3	7.0	7.0	7.0	6.7	6.4
FIESTA 4	6.3	5.7	6.3	7.0	6.7	6.7	6.3	6.0	6.4
HAVEN (APR 2038)	5.3	5.0	6.0	7.3	7.0	7.0	6.3	6.3	6.4
MONSIEUR (IS-PR 488)	6.0	5.7	6.7	7.0	6.7	6.7	6.3	5.7	6.4
MANHATTAN 6 GLR (PST-2MAGS)	6.0	5.3	6.3	7.0	6.7	7.0	6.3	6.3	6.4
PALMER V	6.3	5.7	6.7	6.7	6.3	7.0	6.3	6.0	6.4
PILLAR (CST)	6.0	5.3	6.0	7.3	6.7	7.0	6.3	6.3	6.4
BAR LP 10972	6.0	5.3	6.0	6.7	6.0	6.7	7.0	6.7	6.3
EXCELLENCE (ISG-31)	7.3	5.7	5.3	6.3	6.3	7.0	7.0	6.3	6.3
GREEN SUPREME (PPG-PR 121)	6.0	5.3	6.3	6.7	6.3	6.7	6.3	6.7	6.3
PACIFIC GEM (PST-2MG7)	6.3	5.7	5.7	6.3	6.0	7.0	7.0	6.3	6.3
SIDEWAYS (PSRX-S84)	6.0	5.7	6.0	7.0	6.7	6.7	6.0	6.3	6.3
CS-PR66	7.0	5.0	6.0	7.0	6.3	7.0	6.3	6.0	6.2
SEDUCTIVE (ISG-30)	7.0	5.0	6.0	6.0	6.3	6.3	7.0	6.7	6.2
MACH I	6.7	5.3	6.3	7.0	7.0	6.3	6.0	5.7	6.2
PICK 4DFHM	6.0	5.3	6.3	6.7	6.3	6.7	6.0	6.0	6.2
PLAYOFF 2 (P02)	6.3	4.7	5.7	6.3	6.7	7.0	6.7	6.7	6.2
PROMINENT (CS-20)	6.7	5.7	6.0	7.0	6.3	6.3	6.0	6.0	6.2
PST-2ACR	6.7	5.7	5.3	6.7	6.3	6.3	6.7	6.7	6.2
RINOVO	6.0	5.3	6.3	7.0	6.3	6.7	6.0	6.0	6.2
THRIVE (IS-PR 469)	6.0	5.3	6.3	6.7	6.7	6.7	6.3	5.7	6.2
BANDALORE (IS-PR 463)	6.0	5.3	6.3	6.7	6.0	6.3	6.3	6.0	6.1
A-35	7.0	5.0	6.0	6.3	5.7	6.3	6.3	6.3	6.0
GO-G37	6.3	5.0	5.7	6.7	6.0	6.0	6.0	6.3	6.0
VINTAGE (ISG-36)	7.3	5.7	5.7	6.3	6.0	6.0	6.3	6.0	6.0
DLF LGD-3026	6.0	5.0	5.7	6.7	6.0	6.7	5.7	5.7	5.9
DLF LGT 4182	6.7	5.3	5.0	6.3	6.3	6.0	6.3	5.7	5.9
GO-DHS	6.7	5.0	4.7	5.7	5.3	6.7	7.7	6.3	5.9
RAD-PR62	6.7	5.0	6.0	7.0	6.0	6.0	5.0	5.3	5.8
PINNACLE	5.0	5.3	4.3	6.0	6.3	6.0	6.7	5.3	5.7
LINN	3.0	3.7	1.0	2.3	1.7	1.7	2.3	2.0	2.1
LSD VALUE	0.7	1.6	0.8	0.9	1.0	1.0	1.5	1.0	0.5
C.V. (%)	7.1	9.7	8.5	7.7	8.8	8.5	11.6	9.0	5.5

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 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	WINTER KILL	QUALITY JUNE
APR 2320	2.0	5.0
BAR LP 10972	2.3	4.7
RAD-PR55R	2.3	4.3
APPLE SGL (PPG-PR 140)	2.0	4.0
BANFIELD (IS-PR 491)	2.0	4.0
BAR LP 10969	2.3	4.0
PRX-4GM1	2.0	4.0
PSRX-4CAGL	2.3	4.0
PST-2NKM	2.0	4.0
DOMINATOR (PST-2AG4)	2.3	3.7
RIPTIDE (IS-PR 409)	2.0	3.7
PINNACLE	2.0	3.7
SOX FAN (GM3)	1.3	3.7
STELLAR 3GL (PPG-PR 134)	1.7	3.7
UNO	2.3	3.7
INSIGHT	2.0	3.3
AMAZING A+ (PPG-PR 138)	1.7	3.3
SUNSTREAKER (APR 2036)	1.7	3.0
BAR LP 7608	2.3	3.0
BONNEVILLE	2.0	3.0
HAVEN (APR 2038)	2.0	3.0
PALMER V	1.7	3.0
PROVOST (PPG-PR 143)	1.3	3.0
PST-2BNS	1.7	3.0
BRIGHTSTAR SLT	1.7	2.7
CS-PR66	1.7	2.7
DLF LGD-3022	1.3	2.7
SALINAS II (PST-204D)	2.0	2.7
WICKED (SRX-4RHD)	1.7	2.7
A-35	2.0	2.3
ASPAIRE (IS-PR 489)	1.3	2.3
GO-PR60	1.7	2.3
LTP-PR 135	1.0	2.3
MACH I	1.7	2.3
GREEN SUPREME (PPG-PR 121)	1.3	2.3
PPG-PR 128	1.7	2.3
PPG-PR 142	1.3	2.3
PROMINENT (CS-20)	2.3	2.3
STAMINA (IS-PR 487)	1.3	2.3
PST-2NJK	1.0	2.0
GO-G37	1.7	2.0
MONSIEUR (IS-PR 488)	1.0	2.0
SEDUCTIVE (ISG-30)	1.7	2.0
EXCELLENCE (ISG-31)	1.7	2.0
JR-178	1.0	2.0
JR-192	1.7	2.0
PLAYOFF 2 (P02)	1.0	2.0

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	WINTER KILL	QUALITY JUNE
PST-2DR9	1.3	2.0
PST-2K9	1.0	2.0
PACIFIC GEM (PST-2MG7)	1.7	2.0
PST-2TQL	1.7	2.0
RAD-PR62	2.0	2.0
SR4660ST (SRX-4MSH)	1.7	2.0
GRAND SLAM GLD (PPG-PR 164)	1.0	1.7
LTP-RAE	1.3	1.7
PILLAR (CST)	1.0	1.7
PREMIUM (PPG-PR 137)	1.0	1.7
PST-2ACR	1.3	1.7
SIDEWAYS (PSRX-S84)	1.0	1.7
SIENNA	1.0	1.7
THRIVE (IS-PR 469)	1.7	1.7
ALLANTE	1.0	1.3
APR 2445	1.7	1.3
BANDALORE (IS-PR 463)	1.3	1.3
BAR LP 10970	1.7	1.3
CL 11601	1.0	1.3
CL 307	1.0	1.3
DLF LGD-3026	1.0	1.3
DLF LGT 4182	2.3	1.3
FASTBALL RGL (PPG-PR 133)	1.0	1.3
GO-DHS	2.7	1.3
HANCOCK (IS-PR 479)	2.0	1.3
VINTAGE (ISG-36)	2.0	1.3
OCTANE	1.0	1.3
PANGEA GLR (CL 11701)	1.0	1.3
PPG-PR 165	1.3	1.3
RIO VISTA	1.0	1.3
EVOLUTION (S85)	1.3	1.0
FIESTA 4	1.3	1.0
DILIGENT (IS-PR 492)	1.0	1.0
KARMA (PICK 10401)	1.0	1.0
LINN	1.0	1.0
MANHATTAN 6 GLR (PST-2MAGS)	1.3	1.0
PICK 4DFHM	1.3	1.0
PIZZAZZ 2 GLR (PR 909)	1.0	1.0
PPG-PR 136	1.0	1.0
RINOVO	1.7	1.0
SR 4650 (PSRX-3701)	1.0	1.0
LSD VALUE	1.4	.
C.V. (%)	39.4	.

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

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

TABLE 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SUMMER	STEM RUST	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DILIGENT (IS-PR 492)	6.7	6.3	87.3	4.7	7.0	8.3	7.3	6.3	7.3	5.3	5.7	6.3	5.3	6.6
GRAND SLAM GLD (PPG-PR 164)	6.0	6.0	93.0	5.0	6.7	7.7	7.3	6.7	6.7	4.7	6.3	6.7	5.7	6.5
THRIVE (IS-PR 469)	7.0	7.0	94.3	4.7	7.0	7.7	7.3	6.0	7.0	4.7	6.3	6.7	5.7	6.5
OCTANE	7.3	6.3	73.0	6.3	7.0	8.0	6.3	5.3	6.0	6.3	6.0	6.3	5.3	6.3
PANGAEA GLR (CL 11701)	6.7	6.3	96.3	6.3	7.0	8.0	6.7	5.0	6.0	6.3	6.0	6.3	5.7	6.3
EVOLUTION (S85)	7.0	6.0	90.7	6.7	7.0	8.0	6.0	5.0	5.3	6.0	6.3	6.7	5.7	6.2
GO-PR60	7.3	6.3	93.7	4.0	7.7	8.7	6.7	5.7	6.3	4.7	5.3	5.7	5.0	6.2
PIZZAZZ 2 GLR (PR 909)	6.0	5.7	93.0	5.3	6.3	7.3	6.3	5.7	6.0	6.0	6.3	6.3	5.7	6.2
BANFIELD (IS-PR 491)	6.7	6.0	94.0	3.7	7.0	8.3	5.7	5.7	6.0	4.7	6.0	6.3	5.3	6.1
PST-2BNS	6.3	6.0	87.3	4.0	7.0	8.0	6.3	6.0	6.7	4.7	5.7	6.0	5.0	6.1
STAMINA (IS-PR 487)	5.3	6.0	91.7	6.0	6.7	7.7	7.0	6.7	5.7	5.7	5.3	5.7	4.7	6.1
BANDALORE (IS-PR 463)	6.0	6.0	91.7	3.7	6.7	7.7	6.7	6.0	6.3	4.0	5.3	6.3	5.0	6.0
BONNEVILLE	6.0	6.3	93.3	6.3	6.7	7.7	5.7	5.7	6.3	5.0	5.3	6.0	5.3	6.0
CL 307	6.0	6.0	88.3	5.7	7.0	8.0	5.0	5.3	5.3	6.0	5.7	6.3	5.3	6.0
JR-192	5.7	6.3	93.7	3.0	6.7	8.0	7.0	6.3	5.7	4.0	5.3	5.7	5.0	6.0
PILLAR (CST)	6.0	6.3	97.0	5.0	7.0	7.7	7.0	6.0	6.3	5.3	5.0	4.7	4.7	6.0
PROVOST (PPG-PR 143)	5.7	6.0	96.3	4.7	6.3	8.0	5.7	6.3	5.7	5.7	5.0	6.0	5.0	6.0
PSRX-4CAGL	6.3	6.3	94.7	3.3	6.7	8.0	6.3	6.0	5.7	3.7	5.7	6.3	5.3	6.0
STELLAR 3GL (PPG-PR 134)	5.7	6.0	90.7	6.7	7.0	7.7	6.3	6.0	6.3	6.0	5.0	5.3	4.7	6.0
WICKED (SRX-4RHD)	5.3	6.3	86.7	4.7	6.7	7.3	6.3	6.0	5.7	4.7	5.7	6.0	5.3	6.0
SUNSTREAKER (APR 2036)	6.0	6.0	94.0	4.0	7.0	8.3	7.7	5.7	5.7	4.3	4.7	5.3	4.7	5.9
FASTBALL RGL (PPG-PR 133)	5.3	6.0	91.3	4.7	7.0	8.3	6.0	5.3	5.7	4.7	5.3	5.7	5.0	5.9
JR-178	6.3	6.7	75.7	4.3	7.0	8.0	6.3	5.3	5.7	4.7	5.3	6.0	5.0	5.9
KARMA (PICK 10401)	5.7	6.3	87.3	6.3	7.0	8.0	6.0	5.0	5.3	5.3	5.7	5.3	5.0	5.9
RINOVO	6.3	6.7	89.0	4.7	6.7	7.0	6.7	5.7	5.7	4.3	5.7	6.0	5.0	5.9
RIO VISTA	6.7	6.0	93.0	6.0	6.7	8.0	6.0	5.0	5.0	5.3	5.7	6.3	5.3	5.9
SIDEWAYS (PSRX-S84)	6.7	6.3	88.3	5.0	6.3	7.3	6.3	5.3	5.3	5.3	6.3	5.7	5.3	5.9
UNO	5.7	6.0	96.3	3.3	7.0	8.0	7.0	6.0	6.0	4.0	4.3	5.7	4.7	5.9
APR 2320	6.3	6.0	90.0	4.3	7.0	8.3	6.0	5.3	5.3	4.7	4.7	5.7	5.0	5.8
LTP-PR 135	6.7	6.3	85.0	4.3	7.0	8.0	6.0	5.7	5.3	4.3	5.7	5.7	4.7	5.8
MANHATTAN 6 GLR (PST-2MAGS)	6.3	6.3	94.0	3.3	6.7	7.7	5.7	5.0	6.3	4.3	5.3	6.0	5.3	5.8
RAD-PR62	6.3	6.0	85.0	3.3	6.7	8.0	5.3	5.7	5.7	3.7	5.7	6.0	5.3	5.8
ASPAIRE (IS-PR 489)	6.3	6.0	81.7	6.3	6.7	8.0	6.3	4.7	5.3	5.3	4.7	5.7	5.0	5.7
DLF LGT 4182	6.7	5.7	95.7	3.7	7.0	7.7	6.3	5.0	5.3	3.7	5.3	5.3	5.3	5.7
GO-G37	7.0	5.7	91.7	3.7	6.7	7.7	6.3	5.7	5.7	4.3	4.7	5.3	4.7	5.7
HANCOCK (IS-PR 479)	7.0	6.7	85.0	3.3	7.3	8.7	6.7	4.3	5.0	4.0	5.0	5.7	4.7	5.7
RIPTIDE (IS-PR 409)	6.3	6.3	73.3	3.3	6.3	7.3	6.3	4.7	6.0	4.3	5.7	6.0	5.0	5.7
PPG-PR 136	6.3	6.3	91.7	6.0	6.7	8.0	5.3	5.3	5.7	5.3	5.3	5.0	5.0	5.7
SALINAS II (PST-204D)	6.0	6.0	95.7	4.0	6.3	7.3	5.7	5.3	5.7	4.0	5.7	6.3	5.3	5.7
PST-2K9	6.0	6.3	93.3	5.0	7.3	8.3	6.0	5.0	5.7	4.7	5.0	5.0	4.7	5.7
SIENNA	5.7	7.3	76.7	3.3	7.3	8.0	6.0	4.7	5.0	3.7	5.3	6.0	5.0	5.7
PST-2NJK	6.0	6.0	93.3	4.7	6.7	8.0	5.7	5.0	5.7	5.0	4.7	5.0	4.7	5.6
ALLANTE	5.0	6.7	91.7	4.3	7.0	7.7	6.7	5.3	5.3	4.0	4.7	5.3	4.7	5.6
APR 2445	7.0	5.7	72.3	4.3	6.7	7.7	6.0	5.0	5.7	4.0	5.0	5.3	5.3	5.6
BAR LP 10969	6.0	6.0	95.7	4.0	6.7	7.7	6.0	5.0	5.3	4.0	5.0	5.7	4.7	5.6
CL 11601	5.3	6.0	94.7	5.7	6.0	7.0	5.3	4.7	5.0	5.0	5.7	6.3	5.3	5.6
CS-PR66	6.7	6.3	78.3	3.3	6.7	8.0	5.7	5.0	5.7	3.7	6.0	5.0	4.7	5.6

TABLE 7. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SUMMER	STEM RUST	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PPG-PR 128	6.0	6.3	83.3	4.3	6.7	8.0	5.7	4.7	5.3	4.3	4.7	6.0	5.0	5.6
AMAZING A+ (PPG-PR 138)	5.3	6.0	88.3	5.3	6.7	7.7	6.0	4.7	5.3	5.0	4.7	5.3	5.0	5.6
PST-2NKM	5.3	6.3	96.7	3.3	6.3	7.7	6.0	5.7	6.0	4.3	4.3	5.3	4.7	5.6
PST-2TQL	5.3	6.3	89.3	3.0	6.7	7.7	6.3	5.7	5.3	3.0	5.3	5.3	4.7	5.6
SR4660ST (SRX-4MSH)	5.7	6.7	91.3	3.7	6.7	8.0	5.7	5.7	5.7	5.0	4.0	5.3	4.0	5.6
APPLE SGL (PPG-PR 140)	5.7	6.0	90.0	4.7	6.3	7.7	6.7	5.0	5.3	4.7	4.7	4.7	4.3	5.5
FIESTA 4	6.3	6.0	86.7	4.3	6.3	7.0	6.7	4.3	5.0	4.3	5.3	5.7	5.0	5.5
INSIGHT	5.3	6.7	90.7	3.0	7.3	8.3	4.7	5.3	5.3	4.0	4.7	5.7	4.3	5.5
MONSIEUR (IS-PR 488)	6.0	6.0	74.0	4.7	6.7	7.7	6.7	5.3	5.0	4.7	4.3	4.7	4.3	5.5
SEDUCTIVE (ISG-30)	7.0	6.0	71.7	5.0	6.7	8.3	6.3	4.0	4.7	4.0	5.3	5.3	4.7	5.5
VINTAGE (ISG-36)	7.7	6.3	73.3	4.3	7.0	7.7	5.7	4.7	5.3	4.3	4.7	5.3	5.0	5.5
LTP-RAE	6.7	6.7	85.0	4.7	6.7	7.3	5.7	5.0	5.7	4.3	5.0	5.3	4.7	5.5
GREEN SUPREME (PPG-PR 121)	6.0	6.0	86.7	6.0	7.0	7.7	5.3	4.7	5.3	5.3	4.3	5.3	4.3	5.5
PPG-PR 165	6.3	6.3	75.0	5.0	7.0	7.0	5.7	4.3	5.7	4.7	5.0	5.0	5.0	5.5
PREMIUM (PPG-PR 137)	5.7	6.3	87.3	4.7	7.0	8.0	5.0	4.3	4.7	5.3	5.0	5.0	5.0	5.5
PST-2ACR	5.7	6.0	97.0	4.3	6.7	8.0	5.3	4.7	5.3	4.0	5.0	5.3	5.0	5.5
PST-2DR9	5.7	6.3	91.7	4.3	6.7	7.7	5.0	5.3	5.7	4.7	4.3	5.7	4.3	5.5
PACIFIC GEM (PST-2MG7)	6.7	6.0	85.7	4.3	6.3	7.7	5.3	5.3	5.7	4.0	5.0	5.3	4.7	5.5
RAD-PR55R	6.7	6.3	93.3	2.0	6.3	7.3	6.3	4.7	6.0	2.3	5.3	6.0	5.3	5.5
BAR LP 10970	5.3	6.0	89.3	3.7	6.3	7.3	6.0	4.7	5.7	4.0	5.0	5.0	4.7	5.4
BAR LP 10972	5.7	6.3	93.3	3.0	6.7	7.7	5.3	5.7	5.3	3.7	4.7	5.0	4.3	5.4
BRIGHTSTAR SLT	5.3	6.3	93.0	2.7	7.0	7.7	6.3	5.3	5.7	3.7	4.3	4.7	4.0	5.4
GO-DHS	7.3	6.3	98.3	3.0	6.7	7.7	5.7	4.0	5.7	3.0	5.3	6.0	5.0	5.4
HAVEN (APR 2038)	5.7	6.3	87.7	3.7	6.7	8.3	5.7	4.7	5.7	3.7	4.3	5.3	4.3	5.4
PALMER V	5.7	6.7	82.3	4.3	6.7	7.7	5.7	4.7	5.3	3.3	4.7	5.3	5.0	5.4
PLAYOFF 2 (P02)	5.7	6.0	94.0	4.3	7.0	8.3	6.0	4.0	4.7	4.3	4.3	5.3	4.3	5.4
A-35	7.3	6.7	94.0	4.7	6.3	7.3	5.7	5.0	5.0	4.0	4.7	5.3	4.7	5.3
BAR LP 7608	5.0	6.3	86.7	2.3	6.3	7.7	5.7	5.3	5.7	3.0	4.7	5.0	4.3	5.3
DLF LGD-3026	5.3	6.0	81.7	3.0	6.0	7.3	6.7	5.7	5.0	3.3	4.3	5.0	4.7	5.3
DOMINATOR (PST-2AG4)	6.7	5.7	83.3	3.7	6.3	7.7	5.7	4.3	5.0	3.7	5.0	5.3	4.7	5.3
MACH I	7.0	6.0	78.3	3.7	6.3	8.0	6.3	4.3	4.7	3.7	4.7	5.3	4.7	5.3
PPG-PR 142	6.3	6.0	90.7	4.3	6.3	7.3	5.3	4.3	5.0	4.7	4.3	5.3	4.7	5.3
PRX-4GM1	6.0	6.3	86.7	3.7	7.0	7.7	4.3	4.3	5.3	3.7	4.7	5.3	5.0	5.3
SR 4650 (PSRX-3701)	6.7	6.0	85.7	5.7	6.3	7.3	5.7	3.7	4.7	4.7	5.3	5.0	4.7	5.3
DLF LGD-3022	5.0	6.3	81.7	4.3	6.0	6.7	6.0	5.0	5.3	4.0	4.7	5.0	4.0	5.2
PICK 4DFHM	6.3	6.0	78.3	3.3	7.0	8.0	5.0	4.7	5.3	3.3	4.7	4.3	4.3	5.2
PROMINENT (CS-20)	7.3	6.3	77.7	4.3	6.7	7.7	5.7	4.3	5.3	3.7	4.3	5.0	4.3	5.2
EXCELLENCE (ISG-31)	6.7	6.3	91.7	5.0	6.3	7.3	4.7	4.7	5.0	4.3	4.7	5.0	4.3	5.1
SOX FAN (GM3)	5.3	6.3	86.7	4.3	6.3	7.3	4.3	4.7	5.0	3.3	4.7	5.0	4.7	5.0
PINNACLE	4.7	5.7	75.0	2.7	6.3	7.0	3.7	4.0	4.0	3.0	3.7	4.3	4.0	4.4
LINN	4.0	4.7	63.3	4.7	2.7	2.0	2.3	2.7	3.3	3.0	2.3	2.7	2.7	2.6
LSD VALUE	1.2	1.1	29.8	1.9	1.0	1.2	1.4	1.7	1.8	1.4	1.2	1.1	1.0	0.6
C.V. (%)	10.9	7.5	12.3	24.4	8.3	9.0	13.4	16.4	14.0	18.4	13.3	11.3	10.7	6.4

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

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

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS				SEP	OCT	MEAN
UNO	6.7	6.3	6.0	6.0	6.0	7.0	6.3	6.7	6.0	6.0	6.3	6.3
PST-2BNS	7.0	6.0	6.0	6.0	6.0	6.3	6.7	6.3	6.0	6.0	6.2	6.2
BANFIELD (IS-PR 491)	6.7	6.7	6.0	6.0	5.7	6.7	6.0	6.3	6.0	6.0	6.1	6.1
CS-PR66	7.0	6.0	6.0	6.0	6.0	6.3	6.7	6.0	6.0	6.0	6.1	6.1
RIO VISTA	6.7	6.0	6.0	6.0	5.7	5.7	7.0	6.3	6.0	6.0	6.1	6.1
SR4660ST (SRX-4MSH)	7.0	6.3	6.0	6.0	5.7	6.3	6.7	6.0	6.0	6.0	6.1	6.1
BANDALORE (IS-PR 463)	6.7	6.3	6.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
CL 307	6.7	7.0	6.0	5.3	6.0	6.0	6.3	6.0	6.0	6.0	6.0	6.0
GO-PR60	6.7	6.7	6.0	6.0	6.3	6.0	5.7	5.7	6.0	6.0	6.0	6.0
HANCOCK (IS-PR 479)	6.3	6.3	6.0	6.0	6.0	6.3	5.7	6.3	6.0	6.0	6.0	6.0
HAVEN (APR 2038)	6.7	6.0	6.0	5.7	5.7	5.7	6.0	6.7	6.3	6.0	6.0	6.0
RIPTIDE (IS-PR 409)	6.3	6.3	6.0	6.0	6.3	6.3	6.0	5.7	5.7	5.7	6.0	6.0
VINTAGE (ISG-36)	7.0	6.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
JR-192	7.0	6.3	6.0	5.7	6.3	6.0	5.7	6.3	6.0	6.0	6.0	6.0
MACH I	7.0	6.3	6.0	6.0	5.7	6.0	6.3	6.0	6.0	6.0	6.0	6.0
PALMER V	6.3	6.3	6.0	6.0	5.7	5.7	6.7	6.0	6.0	6.0	6.0	6.0
PILLAR (CST)	7.0	6.3	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
SALINAS II (PST-204D)	6.7	7.0	6.0	6.0	6.0	6.3	6.0	5.7	6.0	6.0	6.0	6.0
RAD-PR55R	6.7	6.7	6.0	6.0	6.0	5.7	6.3	6.3	6.0	6.0	6.0	6.0
RAD-PR62	6.0	6.7	6.0	6.0	5.7	6.0	6.3	6.0	6.0	6.0	6.0	6.0
SOX FAN (GM3)	6.7	6.3	6.0	5.7	5.7	6.0	6.3	6.3	6.0	6.0	6.0	6.0
A-35	7.0	6.7	6.0	6.0	6.0	6.0	6.0	5.3	5.7	5.9	5.9	5.9
BRIGHTSTAR SLT	7.0	6.3	6.0	5.7	6.0	6.3	6.0	5.7	5.7	5.9	5.9	5.9
DLF LGD-3022	6.7	6.3	6.0	5.7	6.0	6.0	5.7	6.0	6.0	6.0	5.9	5.9
GRAND SLAM GLD (PPG-PR 164)	6.7	6.0	6.0	6.0	5.7	5.3	6.3	5.7	6.0	6.0	5.9	5.9
JR-178	7.0	6.3	6.0	6.0	5.7	5.7	5.7	6.3	6.0	6.0	5.9	5.9
KARMA (PICK 10401)	6.3	7.0	6.0	6.0	6.0	5.7	6.0	5.7	5.7	5.9	5.9	5.9
LINN	6.7	6.0	6.0	5.7	5.7	6.7	5.7	5.7	6.0	6.0	5.9	5.9
MANHATTAN 6 GLR (PST-2MAGS)	7.0	7.0	6.0	6.0	5.7	5.7	5.7	6.3	6.0	6.0	5.9	5.9
GREEN SUPREME (PPG-PR 121)	7.0	6.3	5.7	5.3	6.3	6.0	6.0	6.0	5.7	5.9	5.9	5.9
PROMINENT (CS-20)	7.0	6.0	6.0	5.7	5.7	5.3	6.3	6.0	6.0	6.0	5.9	5.9
PACIFIC GEM (PST-2MG7)	7.0	6.3	6.0	5.7	6.0	5.3	6.3	6.0	5.7	5.9	5.9	5.9
SIDEWAYS (PSRX-S84)	6.7	6.3	6.0	5.7	5.7	6.0	6.0	6.0	6.0	6.0	5.9	5.9
THRIVE (IS-PR 469)	7.0	6.7	6.0	5.7	5.7	6.0	5.7	6.0	6.0	6.0	5.9	5.9
APR 2320	6.7	7.0	6.0	6.0	6.0	5.7	5.0	6.0	6.0	6.0	5.8	5.8
ASPAIRE (IS-PR 489)	6.7	6.3	6.0	5.7	5.7	5.7	5.7	6.0	6.0	6.0	5.8	5.8
FASTBALL RGL (PPG-PR 133)	6.3	6.0	6.0	6.0	6.0	6.0	6.0	5.7	5.0	5.8	5.8	5.8
GO-DHS	6.7	7.0	6.0	5.7	5.3	5.7	5.3	6.3	6.0	6.0	5.8	5.8
GO-G37	7.0	6.3	6.0	5.7	6.0	5.3	5.7	6.0	6.0	6.0	5.8	5.8
MONSIEUR (IS-PR 488)	7.0	6.7	6.0	5.7	5.0	5.7	6.0	6.0	6.0	6.0	5.8	5.8
EXCELLENCE (ISG-31)	7.0	6.0	6.0	5.7	6.0	6.0	6.0	5.0	5.7	5.8	5.8	5.8
LTP-PR 135	6.7	6.3	6.0	6.0	6.0	5.3	6.0	5.7	5.7	5.8	5.8	5.8
LTP-RAE	6.3	6.0	6.0	5.3	5.7	5.7	6.0	6.0	5.7	5.8	5.8	5.8
PICK 4DFHM	6.7	7.0	6.0	6.0	5.3	5.7	6.0	6.0	5.7	5.8	5.8	5.8
PPG-PR 128	6.7	6.3	6.0	5.7	5.7	5.7	6.0	5.7	5.7	5.8	5.8	5.8
PSRX-4CAGL	6.7	6.7	5.7	6.0	5.3	5.7	6.3	6.0	5.3	5.8	5.8	5.8
PST-2K9	6.7	6.7	6.0	6.0	6.0	6.0	5.3	6.0	5.3	5.8	5.8	5.8

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
RINOVO	7.0	6.7	6.0	5.3	5.7	6.3	5.7	5.7	5.7	5.8
SR 4650 (PSRX-3701)	7.0	6.7	6.0	5.7	5.7	6.0	5.7	6.0	5.7	5.8
STELLAR 3GL (PPG-PR 134)	6.7	6.0	6.0	6.0	6.0	5.7	5.7	5.7	5.7	5.8
SUNSTREAKER (APR 2036)	6.0	6.3	6.0	5.3	5.3	5.7	6.0	6.0	5.3	5.7
APR 2445	6.3	6.0	5.7	5.7	5.0	5.7	5.7	6.0	6.0	5.7
BAR LP 10970	7.0	7.0	5.3	5.7	6.0	5.3	5.7	6.0	5.7	5.7
SEDUCTIVE (ISG-30)	6.7	7.0	6.0	5.7	5.3	5.7	5.3	6.0	6.0	5.7
OCTANE	7.0	6.3	5.7	5.7	5.7	5.3	5.7	6.3	5.7	5.7
PANGEA GLR (CL 11701)	7.0	6.3	6.0	5.7	5.3	5.0	6.0	6.0	6.0	5.7
PINNACLE	7.0	6.7	6.0	6.0	6.0	5.7	5.7	5.0	5.7	5.7
PLAYOFF 2 (P02)	6.7	6.3	6.0	5.3	5.0	6.0	6.0	6.3	5.3	5.7
PST-2NKM	7.0	6.3	6.0	5.3	5.3	5.3	5.7	6.0	6.0	5.7
WICKED (SRX-4RHD)	6.7	6.3	6.0	5.3	5.3	5.7	5.7	6.0	5.7	5.7
PST-2NJK	7.0	7.0	6.0	5.7	5.7	5.0	6.0	5.7	5.3	5.6
BAR LP 7608	6.3	6.7	6.0	5.3	5.7	5.3	6.0	5.7	5.0	5.6
DILIGENT (IS-PR 492)	6.7	6.3	6.0	5.3	5.3	5.7	5.0	6.0	5.7	5.6
PPG-PR 136	7.0	6.7	5.7	5.3	5.7	5.7	5.3	6.0	5.3	5.6
PPG-PR 165	7.0	6.7	6.0	6.0	5.3	5.0	5.7	5.3	6.0	5.6
PST-2ACR	6.7	6.0	6.0	5.3	5.3	5.3	5.7	5.7	6.0	5.6
PST-2DR9	7.0	6.3	6.0	5.7	5.0	5.0	5.3	6.0	6.0	5.6
PST-2TQL	7.0	6.3	6.0	5.7	5.7	5.0	5.3	6.0	5.7	5.6
BAR LP 10969	6.3	6.7	6.0	5.7	5.7	4.7	5.0	6.0	5.7	5.5
DLF LGD-3026	6.3	6.7	5.3	5.3	5.3	6.0	5.3	5.3	5.7	5.5
DLF LGT 4182	6.7	7.0	6.0	5.3	5.3	5.0	5.3	6.0	5.7	5.5
AMAZING A+ (PPG-PR 138)	7.0	6.0	5.7	5.3	5.7	5.7	5.7	5.7	5.0	5.5
PROVOST (PPG-PR 143)	6.7	6.0	6.0	5.7	5.7	5.3	5.7	5.0	5.3	5.5
PREMIUM (PPG-PR 137)	7.0	6.3	6.0	5.7	5.7	4.7	5.0	5.7	5.7	5.5
SIENNA	6.3	6.7	6.0	5.3	5.3	5.7	5.7	5.3	5.3	5.5
ALLANTE	6.7	7.0	6.0	5.0	5.3	5.0	5.7	5.7	5.3	5.4
APPLE SGL (PPG-PR 140)	6.7	6.7	5.3	5.0	5.3	5.3	5.7	5.7	5.3	5.4
BAR LP 10972	6.0	6.7	5.7	5.3	6.0	5.7	5.0	5.0	5.0	5.4
DOMINATOR (PST-2AG4)	7.0	6.7	5.7	5.7	5.3	5.0	5.3	5.3	5.3	5.4
FIESTA 4	7.0	6.7	5.7	5.7	5.0	4.7	5.7	5.7	5.7	5.4
INSIGHT	6.7	7.0	6.0	5.3	5.0	5.0	5.3	5.7	5.3	5.4
BONNEVILLE	6.3	6.0	5.7	5.3	4.7	4.7	5.7	5.7	5.7	5.3
CL 11601	6.0	6.3	5.3	5.0	4.7	5.3	5.7	5.7	5.3	5.3
EVOLUTION (S85)	6.7	6.3	5.7	5.0	5.0	5.0	5.0	5.7	5.7	5.3
PIZZAZZ 2 GLR (PR 909)	6.7	6.3	5.7	5.3	5.0	4.3	5.3	5.7	5.7	5.3
PPG-PR 142	7.0	6.7	6.0	5.0	5.0	5.0	6.0	5.0	5.0	5.3
STAMINA (IS-PR 487)	6.7	7.0	5.7	5.0	4.7	5.0	5.7	5.7	5.7	5.3
PRX-4GM1	6.3	6.3	5.0	4.7	4.0	4.0	5.3	5.0	5.3	4.8
LSD VALUE	2.6	1.9	0.9	2.4	1.2	1.4	1.7	1.7	1.4	1.1
C.V. (%)	7.8	8.1	5.1	10.0	9.9	11.8	10.5	9.5	8.1	6.7

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

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

TABLE 9. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	QUALITY RATINGS				MEAN
						JUL	AUG	SEP	OCT	
BANDALORE (IS-PR 463)	7.0	7.0	6.0	7.3	7.3	6.7	6.3	5.3	6.0	6.4
BANFIELD (IS-PR 491)	7.7	5.7	6.3	7.3	7.7	6.0	6.0	5.0	5.3	6.2
PANGEA GLR (CL 11701)	8.7	7.3	6.7	6.7	5.7	6.0	5.7	6.0	6.0	6.1
APR 2445	7.7	7.0	6.3	6.7	6.7	6.0	5.7	5.0	5.0	5.9
GRAND SLAM GLD (PPG-PR 164)	6.7	5.7	5.7	6.7	6.0	6.0	5.0	5.3	6.3	5.9
PALMER V	7.3	6.3	6.0	6.0	7.7	6.0	4.7	4.7	5.7	5.8
THRIVE (IS-PR 469)	7.7	6.3	5.3	7.0	7.0	5.7	5.0	4.3	6.0	5.8
UNO	7.7	6.3	5.3	6.3	6.7	6.0	4.7	5.3	6.0	5.8
WICKED (SRX-4RHD)	6.3	6.7	5.0	6.3	6.0	6.0	6.3	5.3	5.3	5.8
FIESTA 4	8.0	6.3	6.0	6.7	6.7	5.0	5.3	5.0	5.3	5.7
RIPTIDE (IS-PR 409)	7.0	5.7	5.3	6.3	7.0	5.7	5.3	5.0	5.3	5.7
RINOVO	7.0	6.3	5.7	6.7	6.3	6.0	4.3	5.0	5.7	5.7
ASPAIRE (IS-PR 489)	7.0	6.3	5.3	6.0	5.7	7.0	5.3	4.3	5.3	5.6
EVOLUTION (S85)	8.0	4.7	4.7	5.7	6.7	6.3	6.0	4.7	5.3	5.6
KARMA (PICK 10401)	6.0	5.3	5.0	5.7	5.7	6.7	5.3	5.3	5.3	5.6
PST-2BNS	6.0	6.0	4.7	5.7	6.3	7.0	6.0	5.0	4.7	5.6
PST-2K9	6.0	6.0	5.3	5.7	5.7	6.3	6.3	4.7	5.0	5.6
SUNSTREAKER (APR 2036)	6.0	5.7	5.0	6.0	6.7	5.0	5.7	5.0	5.0	5.5
GO-PR60	7.3	6.7	6.0	6.7	7.0	5.0	5.3	4.0	4.3	5.5
OCTANE	6.7	5.3	5.3	6.3	6.0	6.0	5.7	4.3	4.7	5.5
PPG-PR 136	8.0	5.3	5.0	5.7	6.3	5.3	5.7	5.0	5.3	5.5
PST-2TQL	6.3	6.0	5.0	5.7	6.0	5.7	6.3	4.7	5.3	5.5
STELLAR 3GL (PPG-PR 134)	7.3	5.7	5.0	5.3	6.0	6.0	6.0	5.0	5.3	5.5
APR 2320	7.3	6.0	5.0	4.7	5.7	5.3	6.7	5.0	5.3	5.4
BAR LP 10969	6.0	7.0	5.3	5.3	6.0	6.0	5.0	5.3	5.0	5.4
BAR LP 10970	5.3	6.3	5.3	5.7	5.7	5.7	6.7	4.0	4.7	5.4
DOMINATOR (PST-2AG4)	7.3	6.7	6.3	6.0	5.7	5.3	4.7	4.7	5.0	5.4
PIZZAZZ 2 GLR (PR 909)	6.7	5.7	5.0	6.3	6.7	6.0	4.7	4.3	4.7	5.4
GREEN SUPREME (PPG-PR 121)	7.0	5.7	5.0	6.7	6.0	6.0	4.7	4.0	5.3	5.4
PPG-PR 165	6.0	4.7	4.7	5.7	6.3	6.7	5.3	4.3	5.0	5.4
SALINAS II (PST-204D)	7.3	6.3	5.0	5.7	5.3	5.7	5.7	4.7	5.7	5.4
RIO VISTA	7.3	6.3	5.3	6.0	7.0	5.7	4.7	4.3	5.0	5.4
SR 4650 (PSRX-3701)	7.0	5.3	4.3	5.3	6.3	6.0	5.3	4.7	5.7	5.4
SIDEWAYS (PSRX-S84)	6.7	4.0	4.3	5.3	6.0	6.0	5.7	4.7	5.3	5.3
SR4660ST (SRX-4MSH)	5.7	5.3	5.3	6.3	6.0	6.0	4.7	4.3	4.3	5.3
FASTBALL RGL (PPG-PR 133)	6.3	6.0	5.0	6.0	5.7	6.0	4.7	4.0	5.3	5.2
JR-178	7.0	4.3	4.3	5.7	6.7	4.7	5.3	4.3	5.3	5.2
PREMIUM (PPG-PR 137)	7.0	5.7	5.3	6.0	5.0	5.0	5.0	4.7	5.3	5.2
PSRX-4CAGL	7.3	6.0	5.3	5.7	6.7	4.7	5.3	4.3	4.7	5.2
RAD-PR55R	8.0	6.3	5.3	5.3	6.3	4.7	5.7	4.7	4.7	5.2
CS-PR66	7.0	5.7	4.7	5.3	6.3	5.3	5.3	3.7	5.3	5.1
DLF LGT 4182	7.7	7.3	6.7	4.0	4.3	5.7	6.0	5.3	4.0	5.1
MONSIEUR (IS-PR 488)	6.0	6.7	5.7	5.0	5.3	6.7	4.7	4.0	4.7	5.1
DILIGENT (IS-PR 492)	6.7	5.7	4.7	4.7	5.3	5.7	5.3	4.3	5.7	5.1
AMAZING A+ (PPG-PR 138)	8.0	3.7	4.0	4.7	6.0	4.3	6.3	5.3	5.3	5.1
PST-2DR9	7.7	6.0	4.7	3.7	5.0	5.7	6.0	5.0	5.7	5.1
PST-2NKM	6.3	6.0	4.7	5.0	5.3	5.7	6.0	4.3	5.0	5.1

TABLE 9. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CL 307	7.3	6.7	4.7	6.0	6.0	5.3	5.0	4.0	4.0	5.0
HAVEN (APR 2038)	6.0	6.3	5.0	4.7	6.0	5.3	5.0	4.3	5.0	5.0
MACH I	7.7	6.3	5.3	6.0	6.0	4.7	4.7	4.0	4.0	5.0
SOX FAN (GM3)	6.7	6.0	5.3	5.0	5.3	5.3	5.0	4.7	4.7	5.0
BAR LP 10972	6.7	6.7	5.3	4.0	5.0	5.3	5.7	4.7	4.3	4.9
LTP-PR 135	7.0	4.7	4.3	5.0	5.0	5.3	5.0	5.0	4.7	4.9
PRX-4GM1	6.7	5.7	5.0	4.7	5.0	6.3	5.3	4.0	4.0	4.9
PST-2ACR	6.7	6.7	5.3	5.0	4.7	4.7	5.7	4.3	4.7	4.9
STAMINA (IS-PR 487)	5.7	5.0	5.0	4.7	6.3	5.3	4.0	4.0	5.0	4.9
PST-2NJK	7.0	5.7	4.3	4.7	5.0	5.3	5.3	4.7	4.0	4.8
CL 11601	5.3	6.0	4.3	4.0	5.0	5.7	5.7	4.3	4.3	4.8
DLF LGD-3022	5.7	4.3	4.3	4.3	6.3	5.0	5.3	3.7	4.3	4.8
LTP-RAE	7.0	5.0	4.3	5.0	6.0	5.0	4.3	3.3	5.7	4.8
PACIFIC GEM (PST-2MG7)	7.3	5.0	4.3	4.7	4.3	5.0	6.0	4.7	4.3	4.8
RAD-PR62	6.7	5.7	4.7	5.0	5.3	4.7	5.0	4.3	4.7	4.8
MANHATTAN 6 GLR (PST-2MAGS)	7.7	6.0	5.0	5.3	5.3	4.3	3.0	4.3	5.3	4.7
PPG-PR 128	6.3	5.7	4.3	4.7	5.0	4.7	5.7	4.3	4.3	4.7
BONNEVILLE	6.3	6.3	5.3	4.3	5.0	5.3	4.0	3.3	5.0	4.6
GO-G37	8.7	6.3	5.0	4.7	4.3	4.3	4.7	4.3	4.3	4.5
PROVOST (PPG-PR 143)	7.0	4.0	3.7	3.7	5.3	5.0	5.0	4.3	4.3	4.5
A-35	8.7	5.3	4.3	4.7	4.3	4.0	5.3	3.7	4.3	4.4
HANCOCK (IS-PR 479)	8.0	5.3	5.0	4.3	5.3	4.3	4.3	3.3	4.0	4.4
INSIGHT	5.7	6.3	4.3	4.3	5.0	4.7	4.0	3.7	5.0	4.4
EXCELLENCE (ISG-31)	8.3	6.0	5.0	4.0	4.3	4.0	5.3	3.7	4.3	4.4
JR-192	6.0	4.0	4.3	4.3	5.0	4.3	4.7	3.7	4.7	4.4
PLAYOFF 2 (P02)	5.3	5.0	4.7	4.0	4.7	5.0	4.7	4.0	4.0	4.4
PPG-PR 142	7.3	4.0	3.7	4.3	4.3	4.7	5.3	4.0	4.7	4.4
APPLE SGL (PPG-PR 140)	5.7	3.7	3.7	3.7	5.0	4.3	4.7	4.0	4.7	4.3
DLF LGD-3026	7.7	5.3	4.3	4.3	4.7	4.0	4.0	4.3	4.3	4.3
PICK 4DFHM	6.0	6.0	5.0	4.3	4.3	4.7	4.0	3.7	4.0	4.3
PILLAR (CST)	6.0	4.7	4.0	4.3	4.7	4.3	4.3	4.0	4.3	4.3
SIENNA	6.3	4.7	4.0	4.3	5.0	4.3	3.7	4.3	4.7	4.3
BRIGHTSTAR SLT	5.0	6.7	4.3	3.7	4.0	4.7	4.3	4.3	4.0	4.2
SEDUCTIVE (ISG-30)	8.7	6.0	5.0	4.7	4.3	4.0	4.3	3.3	4.0	4.2
GO-DHS	8.7	6.7	5.3	4.3	3.3	3.3	4.7	4.3	3.7	4.1
ALLANTE	5.3	4.7	4.7	3.7	4.3	4.7	3.3	3.3	4.3	4.0
VINTAGE (ISG-36)	9.0	5.3	4.3	4.0	3.7	4.0	4.7	3.3	4.3	4.0
PROMINENT (CS-20)	8.7	5.3	4.3	3.7	4.0	3.7	4.3	4.0	4.3	4.0
BAR LP 7608	4.0	6.3	4.7	3.0	4.0	4.0	3.7	3.0	2.7	3.6
PINNACLE	1.7	9.0	3.0	2.7	3.0	4.3	3.3	2.3	2.3	3.0
LINN	1.0	9.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.1	1.9	1.5	1.6	1.6	1.4	1.5	1.1	1.6	0.8
C.V. (%)	10.9	17.8	16.8	18.6	17.7	15.9	17.2	14.9	17.9	10.2

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

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

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
GRAND SLAM GLD (PPG-PR 164)	7.0	6.0	6.0	7.0	7.7	7.0	6.3	7.3	7.0	6.7	6.3	6.3	5.7	6.6
A-35	7.7	5.7	5.7	6.7	7.7	7.3	6.3	7.3	7.0	6.3	5.7	5.7	5.3	6.4
ASPAIRE (IS-PR 489)	7.0	5.7	5.7	7.0	8.0	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.7	6.4
BANFIELD (IS-PR 491)	7.0	6.0	6.0	7.0	8.0	7.0	6.0	7.0	7.0	6.3	5.7	5.7	5.7	6.4
EVOLUTION (S85)	7.0	5.7	6.0	7.0	8.0	7.0	6.3	7.0	6.7	6.0	6.0	5.7	5.0	6.4
FIESTA 4	7.0	5.7	5.7	6.7	7.7	7.0	6.3	7.3	6.7	6.0	6.0	6.0	6.0	6.4
HANCOCK (IS-PR 479)	7.0	5.7	5.7	7.0	8.0	7.0	6.3	7.3	7.0	6.0	6.0	6.0	5.3	6.4
RIPTIDE (IS-PR 409)	6.7	6.0	6.0	7.0	8.0	7.0	6.3	7.3	6.7	6.3	5.3	5.3	5.3	6.4
MONSIEUR (IS-PR 488)	7.0	5.7	6.0	7.0	8.0	7.0	6.0	7.0	6.7	6.0	6.0	6.0	6.0	6.4
RAD-PR55R	6.7	6.0	6.0	7.0	7.3	7.0	6.7	7.7	6.7	5.7	5.7	5.7	5.0	6.4
THRIVE (IS-PR 469)	7.0	5.7	5.7	6.7	7.7	7.0	6.7	7.7	7.0	6.0	5.7	5.7	5.3	6.4
WICKED (SRX-4RHD)	6.0	6.0	6.0	7.0	8.0	7.0	6.3	7.0	6.3	6.0	6.0	6.0	5.3	6.4
BANDALORE (IS-PR 463)	7.0	5.7	5.7	7.0	8.0	7.0	6.3	7.3	7.0	6.0	5.3	5.3	5.3	6.3
BONNEVILLE	6.7	5.3	6.0	7.0	7.3	6.7	6.0	7.0	6.7	6.0	5.7	5.7	5.7	6.3
FASTBALL RGL (PPG-PR 133)	6.7	5.7	5.7	6.7	7.7	7.0	6.0	7.0	6.7	6.0	5.7	5.7	5.7	6.3
DILIGENT (IS-PR 492)	6.7	5.3	5.3	7.0	8.0	7.0	6.0	7.0	6.7	6.0	5.7	5.7	5.3	6.3
SEDUCTIVE (ISG-30)	7.3	5.7	5.3	6.3	7.3	7.3	6.0	7.0	6.7	6.0	6.0	6.0	5.7	6.3
VINTAGE (ISG-36)	7.7	5.3	5.3	6.3	7.3	7.3	6.3	7.3	7.0	6.0	6.0	6.0	5.7	6.3
LTP-PR 135	7.0	5.7	5.7	7.0	8.0	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.3	6.3
PALMER V	6.7	5.7	5.7	7.0	8.0	7.0	6.0	7.0	6.7	6.0	5.7	5.7	5.7	6.3
PIZZAZZ 2 GLR (PR 909)	7.0	5.7	5.3	6.7	7.7	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.7	6.3
GREEN SUPREME (PPG-PR 121)	7.0	5.7	5.7	6.7	7.7	7.0	6.0	7.0	7.0	6.3	6.0	5.7	5.3	6.3
AMAZING A+ (PPG-PR 138)	7.0	5.7	6.0	7.0	7.7	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.3	6.3
PROVOST (PPG-PR 143)	7.0	5.7	5.7	7.0	8.0	7.0	6.0	7.0	6.3	6.0	5.7	5.3	5.3	6.3
PST-2BNS	6.7	5.7	5.7	6.7	7.3	7.0	6.3	7.3	6.7	6.0	5.7	5.7	5.7	6.3
PST-2DR9	7.0	6.0	6.0	7.0	7.7	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.3	6.3
RINOVO	7.0	5.7	5.7	6.7	7.7	7.0	6.7	7.7	7.0	5.7	5.3	5.3	5.3	6.3
RIO VISTA	6.7	5.7	6.0	7.0	7.7	7.0	5.7	7.0	7.0	6.3	5.7	5.7	5.3	6.3
APR 2445	6.7	5.3	5.3	6.3	7.0	7.0	6.0	7.0	6.7	6.0	6.0	6.0	6.0	6.2
DLF LGD-3026	6.7	5.7	5.7	7.0	8.0	7.0	6.0	7.0	6.7	6.0	5.0	5.0	5.0	6.2
GO-PR60	7.7	5.0	5.0	6.0	7.0	7.0	6.3	7.3	7.0	6.0	6.0	6.0	5.3	6.2
EXCELLENCE (ISG-31)	7.0	5.3	5.3	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.3	6.2
JR-178	7.0	5.7	5.7	6.7	7.7	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.3	6.2
KARMA (PICK 10401)	7.0	5.7	5.7	6.7	7.3	7.0	6.0	7.0	7.0	6.3	5.7	5.3	5.0	6.2
LTP-RAE	6.3	5.7	5.7	7.0	8.0	7.0	6.0	7.0	6.3	5.7	5.7	5.3	5.3	6.2
OCTANE	7.0	5.7	5.7	7.0	7.7	7.0	5.7	6.7	6.7	6.0	5.3	5.3	5.3	6.2
PANGEA GLR (CL 11701)	7.3	5.3	5.3	6.3	7.3	7.0	6.3	7.3	7.0	6.0	5.7	5.7	5.3	6.2
PLAYOFF 2 (P02)	6.7	5.3	5.3	7.0	8.0	7.0	6.3	7.3	7.0	5.7	5.3	5.0	4.7	6.2
SOX FAN (GM3)	7.0	5.3	5.3	6.3	7.3	7.0	6.3	7.3	7.0	6.3	5.7	5.3	5.0	6.2
STAMINA (IS-PR 487)	6.7	5.3	5.7	7.0	8.0	7.0	6.0	7.0	6.7	5.7	5.3	5.0	5.3	6.2
SUNSTREAKER (APR 2036)	7.0	5.0	5.7	6.7	7.7	7.0	6.0	7.0	7.0	6.0	5.3	5.0	5.3	6.1
BAR LP 10970	7.0	5.0	5.3	6.7	7.3	7.0	6.0	7.0	7.0	5.7	5.3	5.3	5.0	6.1
CS-PR66	7.0	5.3	5.3	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.0	6.1
DLF LGT 4182	7.3	5.0	5.3	6.3	7.0	7.0	6.3	7.3	6.7	6.0	5.7	5.7	5.3	6.1
MANHATTAN 6 GLR (PST-2MAGS)	7.0	5.3	5.3	6.3	7.0	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.3	6.1
PILLAR (CST)	7.0	5.7	5.3	6.7	7.7	7.0	6.0	7.0	7.0	5.7	5.3	5.3	5.0	6.1
PPG-PR 128	6.7	5.3	5.3	6.3	7.3	7.0	5.7	6.7	6.7	6.0	5.7	5.7	5.7	6.1

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PPG-PR 136	7.0	5.3	5.0	6.7	7.7	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.3	6.1
PPG-PR 142	7.0	5.3	5.3	6.7	7.7	7.0	6.0	7.0	6.7	5.7	5.3	5.0	5.0	6.1
PPG-PR 165	7.0	5.3	5.7	7.0	8.0	7.0	6.0	7.0	7.0	5.0	5.0	5.0	5.0	6.1
PREMIUM (PPG-PR 137)	7.0	5.7	5.3	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.0	6.1
PROMINENT (CS-20)	6.7	5.3	5.3	6.3	7.0	7.0	6.0	7.0	6.7	6.0	6.0	5.7	5.0	6.1
PRX-4GM1	7.0	5.3	5.3	6.7	7.7	7.0	5.7	6.7	6.7	6.0	5.3	5.3	5.0	6.1
PSRX-4CAGL	7.3	5.3	5.0	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.3	6.1
PACIFIC GEM (PST-2MG7)	7.3	5.3	5.0	6.0	7.0	7.0	6.0	7.0	7.0	6.0	5.7	5.7	5.0	6.1
SIDEWAYS (PSRX-S84)	6.7	5.3	5.7	7.0	7.7	7.0	5.7	7.0	6.7	5.7	5.7	5.3	5.0	6.1
SIENNA	6.3	5.3	5.3	7.0	8.0	7.0	6.0	7.0	6.3	5.7	5.0	5.0	5.0	6.1
SR 4650 (PSRX-3701)	7.0	5.0	5.0	6.7	7.7	7.0	6.0	7.0	7.0	6.0	5.7	5.3	5.3	6.1
STELLAR 3GL (PPG-PR 134)	6.7	5.3	5.7	7.0	8.0	7.0	6.0	7.0	6.7	6.0	5.0	5.0	5.0	6.1
UNO	7.0	5.0	5.3	6.3	7.3	7.0	5.7	7.0	7.0	6.0	5.3	5.3	5.3	6.1
APPLE SGL (PPG-PR 140)	6.7	5.3	5.0	7.0	8.0	7.0	5.7	6.7	6.7	5.3	5.0	5.0	5.0	6.0
APR 2320	7.0	5.0	5.0	6.0	7.0	7.0	6.3	7.3	6.7	6.0	5.3	5.0	5.0	6.0
CL 307	7.0	5.0	5.0	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.0	6.0
DLF LGD-3022	7.0	5.3	5.3	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.0	5.0	5.0	6.0
DOMINATOR (PST-2AG4)	7.0	5.0	5.0	6.7	7.7	7.0	6.0	7.0	6.7	6.0	5.0	5.0	5.0	6.0
GO-G37	7.0	5.3	5.0	6.7	7.7	7.0	5.7	7.0	6.7	6.0	5.3	5.3	4.7	6.0
HAVEN (APR 2038)	6.7	5.0	5.3	7.0	8.0	6.7	5.3	6.7	6.7	6.0	5.3	5.0	5.0	6.0
INSIGHT	6.0	5.7	5.7	7.0	8.0	7.0	5.7	6.7	6.0	5.7	5.0	5.0	5.0	6.0
JR-192	7.0	5.0	5.0	6.3	7.3	7.0	6.0	7.0	7.0	6.0	5.0	5.0	5.0	6.0
MACH I	6.7	6.0	5.3	6.3	7.0	7.7	6.0	7.0	6.3	5.7	5.0	5.0	4.7	6.0
SALINAS II (PST-204D)	6.7	5.7	5.7	6.7	7.7	7.0	5.7	6.7	6.3	6.0	5.0	5.0	5.0	6.0
RAD-PR62	7.0	5.0	5.0	6.0	7.0	7.0	6.0	7.0	7.0	6.0	5.3	5.3	5.3	6.0
PST-2NJK	6.3	5.0	5.0	6.3	7.3	6.7	6.0	7.0	6.3	5.7	5.0	5.0	5.0	5.9
CL 11601	6.7	5.3	5.3	6.3	7.3	7.0	5.3	6.7	6.7	6.0	5.0	5.0	5.3	5.9
PST-2K9	7.0	5.0	5.3	6.3	7.0	7.0	5.7	7.3	7.0	5.7	5.0	5.0	5.0	5.9
ALLANTE	6.3	5.0	4.7	6.7	8.0	7.0	5.7	6.7	6.3	5.3	5.0	4.7	4.3	5.8
BAR LP 10969	6.7	5.0	4.7	6.0	7.0	7.0	6.0	7.0	6.7	5.7	5.0	5.0	4.7	5.8
BAR LP 10972	6.7	5.0	5.0	6.0	7.0	7.0	5.7	6.7	6.7	5.7	5.0	5.0	5.0	5.8
BAR LP 7608	6.3	5.0	5.0	6.3	7.3	7.0	5.7	6.7	6.3	5.7	5.0	5.0	4.3	5.8
PICK 4DFHM	6.7	4.7	5.0	6.0	7.0	7.0	5.7	6.7	6.7	5.7	5.3	5.0	5.0	5.8
PST-2ACR	7.0	5.0	5.0	6.0	7.0	7.0	5.3	7.0	7.0	5.7	5.0	5.0	5.0	5.8
PST-2NKM	6.3	5.0	5.0	6.3	7.3	7.0	5.7	6.7	6.3	5.3	5.0	5.0	4.7	5.8
PST-2TQL	6.3	5.0	4.7	6.0	7.0	7.0	6.0	7.0	6.7	5.3	5.0	5.0	5.0	5.8
GO-DHS	7.0	4.7	4.3	5.7	6.7	7.0	6.0	7.0	6.3	6.0	5.0	5.0	5.0	5.7
BRIGHTSTAR SLT	6.0	4.7	4.7	6.3	7.3	6.3	6.0	7.0	6.3	5.0	5.0	4.7	4.3	5.6
SR4660ST (SRX-4MSH)	6.7	5.0	4.7	6.0	7.0	7.0	5.7	6.7	6.7	5.3	4.7	4.7	4.3	5.6
PINNACLE	5.7	4.3	4.7	6.0	7.0	6.0	5.0	6.3	6.3	5.0	5.0	4.3	4.0	5.3
LINN	5.0	5.0	4.3	5.0	5.0	4.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.6
LSD VALUE	0.8	1.0	0.9	0.7	0.7	0.3	0.9	0.7	0.8	0.7	0.8	0.7	0.7	0.3
C.V. (%)	6.3	8.5	8.8	6.3	5.5	2.5	6.7	5.1	5.8	5.9	7.8	7.4	8.0	3.0

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

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

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SUMMER	APR	MAY	JUN	QUALITY RATINGS			SEP	OCT	MEAN
PST-2NJK	99	6.7	6.7	8.0	5.7	6.7	7.3	7.7	7.0	7.0
APR 2445	99	6.7	6.0	8.3	7.0	6.7	5.7	7.3	6.8	6.8
PST-2BNS	99	7.0	5.7	8.0	7.3	6.7	5.7	7.0	6.8	6.8
EVOLUTION (S85)	96	6.0	6.7	6.7	7.7	6.7	6.3	7.0	6.7	6.7
SALINAS II (PST-204D)	96	7.0	6.0	7.3	7.7	7.0	5.3	6.7	6.7	6.7
PANGEA GLR (CL 11701)	96	6.3	6.3	5.7	7.0	6.7	6.0	8.0	6.6	6.6
PST-2DR9	96	6.7	6.3	8.3	6.7	6.0	5.3	6.7	6.6	6.6
PACIFIC GEM (PST-2MG7)	99	6.3	6.0	7.7	6.3	6.0	6.3	7.7	6.6	6.6
WICKED (SRX-4RHD)	99	5.7	6.7	7.3	7.7	6.0	6.3	6.3	6.6	6.6
DLF LGT 4182	99	7.3	6.0	6.7	6.0	6.0	7.0	6.3	6.5	6.5
DOMINATOR (PST-2AG4)	99	6.0	5.3	7.3	7.3	6.3	5.7	7.3	6.5	6.5
GO-PR60	99	6.0	6.3	6.7	6.0	6.7	6.0	7.7	6.5	6.5
SOX FAN (GM3)	99	5.7	6.0	7.0	5.7	6.3	6.7	8.3	6.5	6.5
SR4660ST (SRX-4MSH)	99	5.0	6.3	8.0	7.0	6.0	6.0	7.0	6.5	6.5
CS-PR66	99	6.7	6.3	7.3	6.3	5.7	6.0	6.3	6.4	6.4
PST-2ACR	96	6.3	6.7	7.0	7.0	6.0	5.3	6.3	6.4	6.4
PST-2NKM	96	5.7	6.7	8.3	7.3	4.7	5.3	6.7	6.4	6.4
RAD-PR55R	96	6.0	5.0	7.0	6.0	6.3	6.0	8.3	6.4	6.4
FIESTA 4	99	5.0	5.7	7.3	6.7	6.7	5.7	7.0	6.3	6.3
HAVEN (APR 2038)	93	6.7	6.3	7.3	6.3	4.7	6.0	7.0	6.3	6.3
MONSIEUR (IS-PR 488)	96	6.7	5.3	7.7	6.3	7.0	5.3	6.0	6.3	6.3
SIDEWAYS (PSRX-S84)	99	6.0	6.3	7.3	6.3	6.7	5.3	6.0	6.3	6.3
STELLAR 3GL (PPG-PR 134)	96	6.0	7.0	6.3	6.3	5.3	6.3	7.0	6.3	6.3
UNO	99	5.3	6.3	6.7	6.0	6.3	6.3	7.3	6.3	6.3
SUNSTREAKER (APR 2036)	99	6.0	5.7	6.3	6.3	7.0	5.7	6.3	6.2	6.2
BAR LP 10970	99	6.7	6.3	7.0	7.0	6.0	4.7	5.7	6.2	6.2
RIPTIDE (IS-PR 409)	99	6.3	6.3	6.0	5.5	6.3	5.7	7.0	6.2	6.2
KARMA (PICK 10401)	96	6.3	5.3	6.3	6.0	5.3	7.0	7.0	6.2	6.2
PALMER V	99	6.0	6.7	6.0	5.7	7.0	5.0	7.0	6.2	6.2
SR 4650 (PSRX-3701)	96	6.0	6.0	6.7	8.0	5.0	6.0	6.0	6.2	6.2
STAMINA (IS-PR 487)	96	6.0	6.0	7.7	7.3	4.7	6.0	5.7	6.2	6.2
THRIVE (IS-PR 469)	96	5.7	6.0	6.7	5.7	6.0	5.7	7.7	6.2	6.2
BAR LP 10972	99	5.7	5.7	6.3	6.0	7.3	5.3	6.7	6.1	6.1
DLF LGD-3022	99	6.3	5.3	7.0	6.3	6.0	5.3	6.3	6.1	6.1
FASTBALL RGL (PPG-PR 133)	99	6.0	6.3	7.0	5.7	6.0	5.7	6.3	6.1	6.1
GRAND SLAM GLD (PPG-PR 164)	99	5.0	6.7	5.3	5.0	5.7	7.0	8.3	6.1	6.1
LTP-PR 135	96	5.7	5.7	6.0	5.0	6.3	6.7	7.3	6.1	6.1
PPG-PR 136	99	5.3	5.7	6.3	5.7	6.0	6.7	7.3	6.1	6.1
APPLE SGL (PPG-PR 140)	96	4.7	6.7	6.3	6.3	5.7	5.7	6.3	6.0	6.0
ASPAIRE (IS-PR 489)	93	6.3	5.0	6.3	6.3	5.0	6.0	6.7	6.0	6.0
BRIGHTSTAR SLT	96	6.7	5.7	7.7	7.3	6.0	3.7	5.0	6.0	6.0
PREMIUM (PPG-PR 137)	96	6.0	6.0	6.0	5.3	6.3	6.3	6.3	6.0	6.0
PRX-4GM1	99	6.0	5.7	6.0	6.0	5.3	5.7	7.0	6.0	6.0
PST-2K9	96	6.0	6.3	8.3	6.3	5.0	4.7	5.0	6.0	6.0
PST-2TQL	96	5.7	5.7	7.3	7.0	5.3	5.0	6.0	6.0	6.0
BAR LP 10969	96	5.7	6.3	6.0	6.3	6.0	5.0	6.0	5.9	5.9
CL 11601	96	6.3	4.3	6.0	6.3	6.0	5.7	6.7	5.9	5.9

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SUMMER	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	MEAN
CL 307	96.0	5.3	6.3	6.3	5.3	5.7	5.7	6.7	5.9
SEDUCTIVE (ISG-30)	96.0	6.0	6.0	7.0	6.3	5.3	4.7	5.7	5.9
PLAYOFF 2 (P02)	96.0	6.0	5.0	6.7	6.7	5.7	5.0	6.0	5.9
PROVOST (PPG-PR 143)	99.0	5.3	5.7	4.3	5.3	6.3	6.7	7.3	5.9
BANDALORE (IS-PR 463)	96.0	5.7	5.3	6.0	6.0	5.3	5.0	7.3	5.8
GO-DHS	99.0	5.7	5.3	6.0	5.0	5.7	6.0	7.0	5.8
GO-G37	99.0	5.7	5.3	7.0	5.3	5.3	5.0	7.0	5.8
HANCOCK (IS-PR 479)	99.0	7.0	5.3	7.0	5.7	5.7	4.3	5.7	5.8
DILIGENT (IS-PR 492)	96.0	6.0	6.3	7.0	7.0	4.3	4.7	5.3	5.8
JR-178	96.0	6.7	5.7	7.0	6.3	4.7	5.0	5.3	5.8
PICK 4DFHM	99.0	5.3	5.0	6.0	6.3	5.7	5.3	6.7	5.8
AMAZING A+ (PPG-PR 138)	96.0	5.7	5.7	6.3	5.7	6.0	5.7	5.7	5.8
PPG-PR 165	96.0	5.3	6.0	5.3	5.7	5.7	6.0	6.3	5.8
RAD-PR62	93.0	5.7	6.7	6.7	5.0	5.0	5.7	5.7	5.8
A-35	96.0	6.0	4.7	6.7	6.7	6.0	4.7	5.0	5.7
APR 2320	93.0	6.3	6.7	7.3	7.0	5.3	2.7	4.7	5.7
DLF LGD-3026	93.0	5.7	5.3	5.7	4.7	6.0	5.7	7.0	5.7
PINNACLE	96.0	5.7	6.3	6.0	5.0	5.0	5.7	6.3	5.7
BAR LP 7608	93.0	6.3	6.0	6.0	5.7	5.0	4.7	5.7	5.6
BONNEVILLE	93.0	5.3	5.0	5.7	6.3	4.7	6.0	6.3	5.6
EXCELLENCE (ISG-31)	99.0	6.3	4.3	6.7	5.7	5.3	5.0	5.7	5.6
MANHATTAN 6 GLR (PST-2MAGS)	93.0	5.7	5.7	6.3	6.0	4.3	5.3	5.7	5.6
OCTANE	93.0	5.0	6.0	6.0	6.0	4.7	5.7	6.0	5.6
PPG-PR 142	96.0	5.0	5.7	5.0	5.7	5.0	6.0	6.7	5.6
JR-192	90.0	5.7	5.7	7.0	7.3	3.7	4.3	5.0	5.5
LTP-RAE	96.0	6.0	4.7	6.3	5.7	5.3	4.7	6.0	5.5
PIZZAZZ 2 GLR (PR 909)	96.0	6.0	4.7	5.3	5.7	6.0	5.0	6.0	5.5
GREEN SUPREME (PPG-PR 121)	93.0	5.7	5.7	5.0	5.0	5.7	5.7	6.0	5.5
PPG-PR 128	96.0	5.7	5.3	5.3	4.7	6.0	5.3	6.3	5.5
PSRX-4CAGL	96.0	6.7	5.0	5.0	5.3	4.7	5.7	6.3	5.5
RINOVO	93.0	6.7	4.3	6.3	6.3	4.7	4.7	5.7	5.5
VINTAGE (ISG-36)	96.0	6.3	5.0	6.3	5.0	4.7	4.7	6.0	5.4
PILLAR (CST)	96.0	5.7	4.7	5.7	6.3	5.3	4.7	5.7	5.4
ALLANTE	99.0	5.3	5.7	6.3	4.3	5.3	4.3	6.0	5.3
BANFIELD (IS-PR 491)	93.0	5.7	4.3	6.7	7.3	3.3	4.3	5.0	5.2
MACH I	99.0	6.7	5.0	5.7	4.7	4.3	4.3	5.7	5.2
PROMINENT (CS-20)	99.0	5.3	4.3	5.7	5.0	5.3	4.7	6.0	5.2
RIO VISTA	93.0	5.3	4.7	5.3	6.0	5.0	4.7	5.7	5.2
INSIGHT	93.0	5.0	4.3	4.7	4.3	5.0	4.0	4.7	4.6
SIENNA	90.0	6.0	5.0	4.7	4.7	3.3	3.7	4.3	4.5
LINN	99.0	3.7	3.3	3.7	4.0	3.7	3.7	4.0	3.7
LSD VALUE	11.2	1.9	4.0	4.2	2.8	4.7	2.8	3.7	1.2
C.V. (%)	3.7	13.5	20.4	21.8	19.4	24.1	21.3	20.6	10.2

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

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

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (TRAFFIC STUDY), VA 1/
2013 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS							MEAN
	APR	MAY	JUN	JUL	AUG	OCT	NOV	
PST-2NJK	6.7	6.7	8.0	5.7	6.7	6.3	6.0	6.6
SALINAS II (PST-204D)	7.0	6.0	7.3	7.7	7.0	5.3	5.0	6.5
PACIFIC GEM (PST-2MG7)	6.3	6.0	7.7	6.3	6.0	6.3	6.0	6.4
APR 2445	6.7	6.0	8.3	7.0	6.7	4.7	4.7	6.3
EVOLUTION (S85)	6.0	6.7	6.7	7.7	6.7	5.7	4.3	6.2
BRIGHTSTAR SLT	6.7	5.7	7.7	7.3	6.0	4.7	4.7	6.1
DOMINATOR (PST-2AG4)	6.0	5.3	7.3	7.3	6.3	5.7	5.0	6.1
GRAND SLAM GLD (PPG-PR 164)	5.0	6.7	5.3	5.0	5.7	7.7	7.3	6.1
PANGEA GLR (CL 11701)	6.3	6.3	5.7	7.0	6.7	5.3	5.3	6.1
PST-2BNS	7.0	5.7	8.0	7.3	6.7	4.3	4.0	6.1
PST-2DR9	6.7	6.3	8.3	6.7	6.0	4.7	4.3	6.1
PST-2NKM	5.7	6.7	8.3	7.3	4.7	5.3	5.0	6.1
SUNSTREAKER (APR 2036)	6.0	5.7	6.3	6.3	7.0	5.3	5.7	6.0
CS-PR66	6.7	6.3	7.3	6.3	5.7	5.0	4.7	6.0
DLF LGT 4182	7.3	6.0	6.7	6.0	6.0	5.3	5.0	6.0
GO-PR60	6.0	6.3	6.7	6.0	6.7	5.3	5.3	6.0
PST-2ACR	6.3	6.7	7.0	7.0	6.0	4.3	4.7	6.0
SIDEWAYS (PSRX-S84)	6.0	6.3	7.3	6.3	6.7	4.7	4.3	6.0
UNO	5.3	6.3	6.7	6.0	6.3	5.7	6.0	6.0
WICKED (SRX-4RHD)	5.7	6.7	7.3	7.7	6.0	4.7	4.3	6.0
APR 2320	6.3	6.7	7.3	7.0	5.3	4.0	4.3	5.9
BAR LP 10970	6.7	6.3	7.0	7.0	6.0	4.0	4.0	5.9
BAR LP 10972	5.7	5.7	6.3	6.0	7.3	5.0	5.0	5.9
CL 11601	6.3	4.3	6.0	6.3	6.0	6.0	6.3	5.9
DLF LGD-3022	6.3	5.3	7.0	6.3	6.0	5.0	5.0	5.9
MONSIEUR (IS-PR 488)	6.7	5.3	7.7	6.3	7.0	4.3	3.7	5.9
KARMA (PICK 10401)	6.3	5.3	6.3	6.0	5.3	6.3	5.3	5.9
PALMER V	6.0	6.7	6.0	5.7	7.0	5.0	5.0	5.9
PPG-PR 136	5.3	5.7	6.3	5.7	6.0	6.0	6.3	5.9
SR4660ST (SRX-4MSH)	5.0	6.3	8.0	7.0	6.0	4.7	4.0	5.9
CL 307	5.3	6.3	6.3	5.3	5.7	5.7	6.0	5.8
FIESTA 4	5.0	5.7	7.3	6.7	6.7	4.7	4.3	5.8
GO-DHS	5.7	5.3	6.0	5.0	5.7	6.3	6.3	5.8
HAVEN (APR 2038)	6.7	6.3	7.3	6.3	4.7	4.7	4.3	5.8
RAD-PR55R	6.0	5.0	7.0	6.0	6.3	5.3	4.7	5.8
THRIVE (IS-PR 469)	5.7	6.0	6.7	5.7	6.0	5.3	5.3	5.8
LTP-PR 135	5.7	5.7	6.0	5.0	6.3	5.7	5.7	5.7
PLAYOFF 2 (P02)	6.0	5.0	6.7	6.7	5.7	5.0	4.7	5.7
PPG-PR 165	5.3	6.0	5.3	5.7	5.7	6.0	5.7	5.7
PST-2TQL	5.7	5.7	7.3	7.0	5.3	4.3	4.7	5.7
SR 4650 (PSRX-3701)	6.0	6.0	6.7	8.0	5.0	4.3	3.7	5.7
BAR LP 10969	5.7	6.3	6.0	6.3	6.0	4.0	5.0	5.6
EXCELLENCE (ISG-31)	6.3	4.3	6.7	5.7	5.3	5.7	5.3	5.6
GO-G37	5.7	5.3	7.0	5.3	5.3	5.0	5.3	5.6
PRX-4GM1	6.0	5.7	6.0	6.0	5.3	5.0	5.0	5.6
SEDUCTIVE (ISG-30)	6.0	6.0	7.0	6.3	5.3	4.7	3.7	5.6
STELLAR 3GL (PPG-PR 134)	6.0	7.0	6.3	6.3	5.3	4.3	4.0	5.6

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (TRAFFIC STUDY), VA 1/
2013 DATA

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

NAME	QUALITY RATINGS							MEAN
	APR	MAY	JUN	JUL	AUG	OCT	NOV	
APPLE SGL (PPG-PR 140)	4.7	6.7	6.3	6.3	5.7	4.7	4.0	5.5
FASTBALL RGL (PPG-PR 133)	6.0	6.3	7.0	5.7	6.0	4.3	3.3	5.5
RIPTIDE (IS-PR 409)	6.3	6.3	6.0	5.5	6.3	4.0	3.7	5.5
MANHATTAN 6 GLR (PST-2MAGS)	5.7	5.7	6.3	6.0	4.3	5.3	5.0	5.5
PREMIUM (PPG-PR 137)	6.0	6.0	6.0	5.3	6.3	5.0	4.0	5.5
PST-2K9	6.0	6.3	8.3	6.3	5.0	3.7	3.0	5.5
SOX FAN (GM3)	5.7	6.0	7.0	5.7	6.3	3.7	4.3	5.5
A-35	6.0	4.7	6.7	6.7	6.0	3.7	4.3	5.4
HANCOCK (IS-PR 479)	7.0	5.3	7.0	5.7	5.7	3.3	3.7	5.4
DILIGENT (IS-PR 492)	6.0	6.3	7.0	7.0	4.3	3.7	3.3	5.4
JR-178	6.7	5.7	7.0	6.3	4.7	3.7	3.7	5.4
RAD-PR62	5.7	6.7	6.7	5.0	5.0	4.7	4.0	5.4
STAMINA (IS-PR 487)	6.0	6.0	7.7	7.3	4.7	2.7	3.3	5.4
AMAZING A+ (PPG-PR 138)	5.7	5.7	6.3	5.7	6.0	4.3	3.7	5.3
DLF LGD-3026	5.7	5.3	5.7	4.7	6.0	5.0	5.0	5.3
PPG-PR 128	5.7	5.3	5.3	4.7	6.0	5.0	5.0	5.3
PROVOST (PPG-PR 143)	5.3	5.7	4.3	5.3	6.3	5.3	5.0	5.3
BANDALORE (IS-PR 463)	5.7	5.3	6.0	6.0	5.3	4.0	4.0	5.2
BAR LP 7608	6.3	6.0	6.0	5.7	5.0	4.0	3.7	5.2
GREEN SUPREME (PPG-PR 121)	5.7	5.7	5.0	5.0	5.7	5.0	4.3	5.2
PICK 4DFHM	5.3	5.0	6.0	6.3	5.7	4.3	4.0	5.2
PINNACLE	5.7	6.3	6.0	5.0	5.0	4.7	4.0	5.2
BANFIELD (IS-PR 489)	6.3	5.0	6.3	6.3	5.0	3.7	3.3	5.1
JR-192	5.7	5.7	7.0	7.3	3.7	3.3	3.3	5.1
LTP-RAE	6.0	4.7	6.3	5.7	5.3	3.7	4.3	5.1
PIZZAZZ 2 GLR (PR 909)	6.0	4.7	5.3	5.7	6.0	4.3	4.0	5.1
RINOVO	6.7	4.3	6.3	6.3	4.7	4.3	3.3	5.1
VINTAGE (ISG-36)	6.3	5.0	6.3	5.0	4.7	4.3	4.3	5.1
BONNEVILLE	5.3	5.0	5.7	6.3	4.7	4.3	4.0	5.0
MACH I	6.7	5.0	5.7	4.7	4.3	5.3	3.7	5.0
OCTANE	5.0	6.0	6.0	6.0	4.7	3.7	3.3	5.0
PILLAR (CST)	5.7	4.7	5.7	6.3	5.3	3.7	3.3	5.0
PPG-PR 142	5.0	5.7	5.0	5.7	5.0	5.0	4.0	5.0
PSRX-4CAGL	6.7	5.0	5.0	5.3	4.7	4.3	4.0	5.0
RIO VISTA	5.3	4.7	5.3	6.0	5.0	4.0	3.7	4.9
ASPIRE (IS-PR 491)	5.7	4.3	6.7	7.3	3.3	3.0	3.0	4.8
PROMINENT (CS-20)	5.3	4.3	5.7	5.0	5.3	3.7	4.0	4.8
ALLANTE	5.3	5.7	6.3	4.3	5.3	2.7	3.0	4.7
INSIGHT	5.0	4.3	4.7	4.3	5.0	3.0	3.7	4.3
SIENNA	6.0	5.0	4.7	4.7	3.3	2.0	2.3	4.0
LINN	3.7	3.3	3.7	4.0	3.7	3.0	2.3	3.4
LSD VALUE	1.9	4.0	4.2	2.8	4.7	4.6	3.7	1.1
C.V. (%)	13.5	20.4	21.8	19.4	24.1	31.6	30.9	10.4

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

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

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (TRAFFIC STUDY), VA 1/
2013 DATA

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

NAME	QUALITY 2-WKS (NOV) AFTER TRAFFIC	INITIAL % GRREN APR	INITIAL % BARE APR	BEFORE TRAFFIC % GRREN AUG	% STRWN AUG	MID-SEASON TRAFFIC % GRREN OCT	% STRWN OCT	END OF TRAFFIC IN EARLY NOVEMBER % GRREN	% STRWN	2-WKS POST TRAFFIC IN MID-NOVEMBER % GRREN	% STRWN
PST-2NJK	5.7	80.0	20.0	99	0.0	68.3	31.7	73.3	26.7	56.7	43.3
SALINAS II (PST-204D)	5.3	85.0	15.0	96	3.3	61.7	38.3	55.0	45.0	55.0	45.0
PACIFIC GEM (PST-2MG7)	6.0	81.7	18.3	99	0.0	71.7	28.3	66.7	33.3	71.7	28.3
APR 2445	5.0	88.3	11.7	99	0.0	58.3	41.7	48.3	51.7	43.3	56.7
EVOLUTION (S85)	5.0	81.7	18.3	96	3.3	58.3	41.7	50.0	50.0	58.3	41.7
BRIGHTSTAR SLT	4.7	88.3	11.7	96	3.3	51.7	48.3	51.7	48.3	58.3	41.7
DOMINATOR (PST-2AG4)	6.0	91.7	8.3	99	0.0	63.3	36.7	60.0	40.0	63.3	36.7
GRAND SLAM GLD (PPG-PR 164)	6.7	88.3	11.7	99	0.0	66.7	33.3	73.3	26.7	78.3	21.7
PANGEA GLR (CL 11701)	5.0	83.3	16.7	96	3.3	66.7	33.3	48.3	51.7	63.3	36.7
PST-2BNS	4.7	85.0	15.0	99	0.0	46.7	53.3	51.7	48.3	48.3	51.7
PST-2DR9	4.3	86.7	13.3	96	3.3	55.0	45.0	53.3	46.7	50.0	50.0
PST-2NKM	5.3	86.7	13.3	96	3.3	65.0	35.0	63.3	36.7	61.7	38.3
SUNSTREAKER (APR 2036)	6.0	88.3	11.7	99	0.0	61.7	38.3	61.7	38.3	58.3	41.7
CS-PR66	4.7	78.3	21.7	99	0.0	55.0	45.0	51.7	48.3	56.7	43.3
DLF LGT 4182	5.3	71.7	28.3	99	0.0	66.7	33.3	53.3	46.7	55.0	45.0
GO-PR60	5.0	90.0	10.0	99	0.0	56.7	43.3	58.3	41.7	58.3	41.7
PST-2ACR	4.7	85.0	15.0	96	3.3	53.3	46.7	53.3	46.7	55.0	45.0
SIDEWAYS (PSRX-S84)	4.0	85.0	15.0	99	0.0	53.3	46.7	45.0	55.0	48.3	51.7
UNO	6.3	75.0	25.0	99	0.0	61.7	38.3	66.7	33.3	61.7	38.3
WICKED (SRX-4RHD)	4.0	80.0	20.0	99	0.0	48.3	51.7	46.7	53.3	45.0	55.0
APR 2320	4.3	90.0	10.0	93	6.7	70.0	30.0	45.0	55.0	46.7	53.3
BAR LP 10970	4.3	86.7	13.3	99	0.0	50.0	50.0	45.0	55.0	50.0	50.0
BAR LP 10972	4.3	90.0	10.0	99	0.0	50.0	50.0	55.0	45.0	53.3	46.7
CL 11601	6.3	88.3	11.7	96	3.3	66.3	33.3	63.3	36.7	61.7	38.3
DLF LGD-3022	5.3	76.7	23.3	99	0.0	61.7	38.3	53.3	46.7	50.0	50.0
MONSIEUR (IS-PR 488)	3.3	78.3	21.7	96	3.3	45.0	55.0	45.0	55.0	41.7	58.3
KARMA (PICK 10401)	5.3	75.0	25.0	96	3.3	66.7	33.3	60.0	40.0	58.3	41.7
PALMER V	5.0	85.0	15.0	99	0.0	55.0	45.0	63.3	36.7	56.7	43.3
PPG-PR 136	6.3	78.3	21.7	99	0.0	68.3	31.7	68.3	31.7	75.0	25.0
SR4660ST (SRX-4MSH)	4.3	86.7	13.3	99	0.0	55.0	45.0	48.3	51.7	53.3	46.7
CL 307	6.3	86.7	13.3	96	3.3	65.0	35.0	63.3	36.7	70.0	30.0
FIESTA 4	5.3	73.3	26.7	99	0.0	53.3	46.7	50.0	50.0	53.3	46.7
GO-DHS	5.7	81.7	18.3	99	0.0	68.3	31.7	70.0	30.0	75.0	25.0
HAVEN (APR 2038)	5.0	83.3	16.7	93	6.7	48.3	51.7	55.0	45.0	51.7	48.3
RAD-PR55R	5.3	73.3	26.7	96	3.3	61.7	38.3	50.0	50.0	58.3	41.7
THRIVE (IS-PR 469)	5.3	80.0	20.0	96	3.3	60.0	40.0	66.7	33.3	60.0	40.0
LTP-PR 135	5.7	81.7	18.3	96	3.3	60.0	40.0	66.7	33.3	60.0	40.0
PLAYOFF 2 (P02)	4.3	83.3	16.7	96	3.3	55.0	45.0	51.7	48.3	46.7	53.3
PPG-PR 165	5.7	80.0	20.0	96	3.3	65.0	35.0	61.7	38.3	68.3	31.7
PST-2TQL	4.3	83.3	16.7	96	3.3	50.0	50.0	45.0	55.0	46.7	53.3
SR 4650 (PSRX-3701)	4.0	70.0	30.0	96	3.3	33.3	66.7	36.7	63.3	48.3	51.7
BAR LP 10969	4.7	76.7	23.3	96	3.3	55.0	45.0	56.7	43.3	56.7	43.3
EXCELLENCE (ISG-31)	4.7	91.7	8.3	99	0.0	55.0	45.0	53.3	46.7	53.3	46.7
GO-G37	6.0	81.7	18.3	99	0.0	56.7	43.3	61.7	38.3	61.7	38.3
PRX-4GM1	5.0	90.0	10.0	99	0.0	53.3	46.7	51.7	48.3	53.3	46.7
SEDUCTIVE (ISG-30)	5.3	78.3	21.7	96	3.3	55.0	45.0	41.7	58.3	50.0	50.0
STELLAR 3GL (PPG-PR 134)	4.7	93.3	6.7	96	3.3	50.0	50.0	48.3	51.7	50.0	50.0

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (TRAFFIC STUDY), VA 1/
2013 DATA

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

NAME	QUALITY 2-WKS (NOV) AFTER TRAFFIC	INITIAL % GRREN APR	INITIAL % BARE APR	BEFORE TRAFFIC % GRREN AUG	% STRWN AUG	MID-SEASON TRAFFIC % GRREN OCT	% STRWN OCT	END OF TRAFFIC IN EARLY NOVEMBER % GRREN	% STRWN	2-WKS POST TRAFFIC IN MID-NOVEMBER % GRREN	% STRWN
APPLE SGL (PPG-PR 140)	5.0	81.7	18.3	96.0	3.3	51.7	48.3	46.7	53.3	50.0	50.0
FASTBALL RGL (PPG-PR 133)	4.0	90.0	10.0	99.0	0.0	46.7	53.3	38.3	61.7	45.0	55.0
RIPTIDE (IS-PR 409)	4.0	80.0	20.0	99.0	0.0	40.0	60.0	38.3	61.7	40.0	60.0
MANHATTAN 6 GLR (PST-2MAGS)	5.7	93.3	6.7	93.0	6.7	56.7	43.3	56.7	43.3	56.7	43.3
PREMIUM (PPG-PR 137)	5.0	86.7	13.3	96.0	3.3	53.3	46.7	41.7	58.3	60.0	40.0
PST-2K9	3.3	83.3	16.7	96.0	3.3	40.0	60.0	30.0	70.0	40.0	60.0
SOX FAN (GM3)	4.3	83.3	16.7	99.0	0.0	48.3	51.7	51.7	48.3	46.7	53.3
A-35	4.0	70.0	30.0	96.0	3.3	50.0	50.0	53.3	46.7	43.3	56.7
HANCOCK (IS-PR 479)	3.3	86.7	13.3	99.0	0.0	35.0	65.0	38.3	61.7	46.7	53.3
DILIGENT (IS-PR 492)	3.3	83.3	16.7	96.0	3.3	41.7	58.3	38.3	61.7	40.0	60.0
JR-178	3.7	76.7	23.3	96.0	3.3	45.0	55.0	36.7	63.3	36.7	63.3
RAD-PR62	4.0	76.7	23.3	93.0	6.7	60.0	40.0	41.7	58.3	50.0	50.0
STAMINA (IS-PR 487)	3.7	78.3	21.7	96.0	3.3	36.7	63.3	30.0	70.0	40.0	60.0
AMAZING A+ (PPG-PR 138)	4.3	81.7	18.3	96.0	3.3	46.7	53.3	35.0	65.0	48.3	51.7
DLF LGD-3026	5.7	63.3	36.7	93.0	6.7	58.3	41.7	53.3	46.7	53.3	46.7
PPG-PR 128	4.7	68.3	31.7	96.0	3.3	58.3	41.7	55.0	45.0	53.3	46.7
PROVOST (PPG-PR 143)	6.0	85.0	15.0	99.0	0.0	61.7	38.3	53.3	46.7	55.0	45.0
BANDALORE (IS-PR 463)	4.0	76.7	23.3	96.0	3.3	50.0	50.0	43.3	56.7	40.0	60.0
BAR LP 7608	4.0	81.7	18.3	93.0	6.7	40.0	60.0	38.3	61.7	45.0	55.0
GREEN SUPREME (PPG-PR 121)	3.7	90.0	10.0	93.0	6.7	48.3	51.7	53.3	46.7	50.0	50.0
PICK 4DFHM	5.3	85.0	15.0	99.0	0.0	48.3	51.7	53.3	46.7	55.0	45.0
PINNACLE	5.0	68.3	31.7	96.0	3.3	53.3	46.7	51.7	48.3	51.7	48.3
BANFIELD (IS-PR 489)	3.7	81.7	18.3	93.0	6.7	50.0	50.0	40.0	60.0	40.0	60.0
JR-192	3.3	85.0	15.0	90.0	10.0	41.7	58.3	35.0	65.0	36.7	63.3
LTP-RAE	4.3	70.0	30.0	96.0	3.3	43.3	56.7	46.7	53.3	46.7	53.3
PIZZAZZ 2 GLR (PR 909)	4.3	73.3	26.7	96.0	3.3	55.0	45.0	48.3	51.7	51.7	48.3
RINOVO	4.7	83.3	16.7	93.0	6.7	48.3	51.7	43.3	56.7	48.3	51.7
VINTAGE (ISG-36)	5.0	76.7	23.3	96.0	3.3	50.0	50.0	50.0	50.0	50.0	50.0
BONNEVILLE	4.0	75.0	25.0	93.0	6.7	46.7	53.3	41.7	58.3	45.0	55.0
MACH I	4.7	66.7	33.3	99.0	0.0	50.0	50.0	40.0	60.0	50.0	50.0
OCTANE	4.0	88.3	11.7	93.0	6.7	45.0	55.0	36.7	63.3	41.7	58.3
PILLAR (CST)	3.3	56.7	43.3	96.0	3.3	43.3	56.7	38.3	61.7	38.3	61.7
PPG-PR 142	5.3	81.7	18.3	96.0	3.3	63.3	36.7	48.3	51.7	56.7	43.3
PSRX-4CAGL	5.0	85.0	15.0	96.0	3.3	48.3	51.7	38.3	61.7	58.3	41.7
RIO VISTA	3.3	80.0	20.0	93.0	6.7	50.0	50.0	40.0	60.0	48.3	51.7
ASPIRE (IS-PR 491)	3.0	75.0	25.0	93.0	6.7	40.0	60.0	28.3	71.7	33.3	66.7
PROMINENT (CS-20)	4.0	85.0	15.0	99.0	0.0	40.0	60.0	43.3	56.7	45.0	55.0
ALLANTE	2.7	76.7	23.3	99.0	0.0	25.0	75.0	31.7	68.3	31.7	68.3
INSIGHT	3.0	76.7	23.3	93.0	6.7	33.3	66.7	35.0	65.0	38.3	61.7
SIENNA	2.3	66.7	33.3	90.0	10.0	18.3	81.7	21.7	78.3	26.7	73.3
LINN	2.7	56.7	43.3	99.0	0.0	33.3	66.7	31.7	68.3	28.3	71.7
LSD VALUE	6.5	24.9	24.9	11.2	12.4	51.1	51.2	40.6	40.6	42.3	42.3
C.V. (%)	34.8	12.8	54.0	3.7	146.4	30.5	33.7	31.7	30.6	28.7	30.3

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.