TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	PERCENT COVER OF BERMUDAGRASS IN FALL				PERCENT COVER OF OVERSEEDING GRASS				QUALITY
NAME	10/15/10	10/25/10	11/5/10	11/15/10	10/15/10	10/25/10	11/5/10	11/15/10	10/15/10
LTP-PR 135	99	99	85	45	18.3	46.7	73.3	99.0	3.0
OCTANE	99	99	85	45	15.0	28.3	70.0	99.0	3.3
SOX FAN (GM3)	99	99	85	45	8.3	28.3	66.7	96.3	2.3
BONNEVILLE	99	99	85	45	21.7	35.0	75.0	97.7	4.0
MACH I	99	99	85	45	15.0	38.3	81.7	99.0	3.0
PICK 4DFHM	99	99	85	45	16.7	35.0	71.7	99.0	3.0
PPG-PR 121	99	99	85	45	18.3	40.0	68.3	99.0	3.0
PPG-PR 133	99	99	85	45	15.0	33.3	81.7	96.3	3.0
PPG-PR 134	99	99	85	45	21.7	43.3	76.7	97.7	3.0
CL 307	99	99	85	45	21.7	41.7	76.7	99.0	3.7
PALMER V	99	99	85	45	15.0	31.7	73.3	99.0	2.7
BAR LP 10972	99	99	85	45	8.3	25.0	66.7	99.0	2.3
PST-2K9	99	99	85	45	13.3	31.7	63.3	99.0	3.0
RIO VISTA	99	99	85	45	13.3	33.3	61.7	99.0	3.0
SR 4650 (PSRX-3701)	99	99	85	45	21.7	35.0	73.3	97.7	2.0
SRX-4MSH	99	99	85	45	15.0	25.0	63.3	99.0	3.0
BAR LP 10969	99	99	85	45	16.7	35.0	76.7	99.0	3.0
IS-PR 489	99	99	85	45	20.0	40.0	73.3	99.0	3.0
JR-178	99	99	85	45	18.3	35.0	76.7	99.0	3.0
PINNACLE	99	99	85	45	15.0	31.7	76.7	99.0	2.0
PPG-PR 136	99	99	85	45	18.3	41.7	68.3	99.0	3.0
PPG-PR 137	99	99	85	45	15.0	28.3	58.3	97.7	2.0
PPG-PR 138	99	99	85	45	16.7	31.7	70.0	97.7	3.0
PPG-PR 143	99	99	85	45	21.7	40.0	71.7	99.0	3.0
PPG-PR 164	99	99	85	45	18.3	31.7	63.3	97.7	3.0
PRX-4GM1	99	99	85	45	21.7	30.0	66.7	99.0	3.3
PST-2ACR	99	99	85	45	5.0	23.3	48.3	97.7	2.0
PST-2NKM	99	99	85	45	11.7	30.0	65.0	97.7	2.3
RINOVO	99	99	85	45	13.3	25.0	71.7	99.0	3.0
S85	99	99	85	45	11.7	30.0	58.3	97.7	4.0
ALLANTE	99	99	85	45	11.7	30.0	68.3	97.7	3.0
HAVEN (APR 2038)	99	99	85	45	20.0	40.0	73.3	99.0	3.0
INSIGHT	99	99	85	45	18.3	43.3	66.7	96.3	3.7
ISG-31	99	99	85	45	21.7	35.0	78.3	99.0	3.3
PPG-PR 140	99	99	85	45	13.3	28.3	70.0	97.7	3.0
PST-2MAGS	99	99	85	45	18.3	36.7	75.0	99.0	3.3
PST-2TQL	99	99	85	45	16.7	28.3	70.0	99.0	3.0
UNO	99	99	85	45	11.7	20.0	70.0	99.0	2.3
BAR LP 7608	99	99	85	45	13.3	35.0	73.3	97.7	2.3
CS-PR66	99	99	85	45	6.7	21.7	73.3	99.0	2.3
CST	99	99	85	45	16.7	38.3	81.7	99.0	2.3
DLF LGD-3022	99	99	85	45	10.0	21.7	65.0	93.3	2.0
FIESTA 4	99	99	85	45	11.7	26.7	61.7	97.7	2.7
GO-G37	99	99	85	45	13.3	25.0	68.3	99.0	3.0
PICK 10401	99	99	85	45	23.3	36.7	78.3	97.7	3.0
PPG-PR 128	99	99	85	45	15.0	31.7	76.7	99.0	2.7
PPG-PR 142	99	99	85	45	15.0	31.7	76.7	99.0	3.0

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	PERCENT COVER OF BERMUDAGRASS IN FALL				PERCENT COVER OF OVERSEEDING GRASS				QUALITY
NAME	10/15/10	10/25/10	11/5/10	11/15/10	10/15/10	10/25/10	11/5/10	11/15/10	10/15/10
PST-204D	99	99	85	45	11.7	25.0	71.7	99.0	2.7
SIENNA	99	99	85	45	15.0	28.3	58.3	96.3	3.0
2NJK	99	99	85	45	10.0	23.3	75.0	94.7	2.3
APR 2036	99	99	85	45	11.7	18.3	58.3	93.0	2.3
APR 2445	99	99	85	45	10.0	23.3	75.0	97.7	2.0
BRIGHTSTAR SLT	99	99	85	45	15.0	26.7	73.3	99.0	3.0
CS-20	99	99	85	45	16.7	30.0	73.3	99.0	3.0
DOMINATOR (PST-2AG4)	99	99	85	45	5.0	21.7	61.7	99.0	2.0
GO-DHS	99	99	85	45	13.3	28.3	63.3	99.0	3.0
IS-PR 409	99	99	85	45	11.7	26.7	65.0	99.0	2.0
IS-PR 487	99	99	85	45	11.7	23.3	76.7	99.0	2.7
IS-PR 488	99	99	85	45	6.7	25.0	63.3	99.0	2.0
IS-PR 492	99	99	85	45	11.7	26.7	75.0	97.7	3.0
P02	99	99	85	45	15.0	35.0	71.7	93.3	3.7
PIZZAZZ 2 GLR (PR 909)	99	99	85	45	10.0	21.7	61.7	99.0	2.0
PST-2MG7	99	99	85	45	10.0	30.0	66.7	97.7	2.0
RAD-PR55R	99	99	85	45	5.0	20.0	60.0	91.7	1.7
SIDEWAYS (PSRX-S84)	99	99	85	45	18.3	33.3	71.7	99.0	3.7
APR 2320	99	99	85	45	5.0	13.3	58.3	91.7	2.0
IS-PR 469	99	99	85	45	11.7	30.0	73.3	99.0	2.7
IS-PR 491	99	99	85	45	16.7	25.0	73.3	99.0	3.0
PANGEA GLR (CL 11701)	99	99	85	45	16.7	30.0	78.3	97.7	2.3
PPG-PR 165	99	99	85	45	13.3	25.0	53.3	99.0	2.7
GO-PR60	99	99	85	45	20.0	41.7	68.3	99.0	3.0
ISG-36	99	99	85	45	10.0	25.0	76.7	96.3	3.0
LTP-RAE	99	99	85	45	11.7	21.7	68.3	99.0	3.3
PSRX-4CAGL	99	99	85	45	18.3	36.7	70.0	99.0	3.3
PST-2DR9	99	99	85	45	15.0	20.0	73.3	99.0	3.0
RAD-PR62	99	99	85	45	6.7	23.3	61.7	96.3	2.0
SRX-4RHD	99	99	85	45	11.7	26.7	75.0	99.0	2.3
A-35	99	99	85	45	10.0	26.7	66.7	99.0	2.7
BAR LP 10970	99	99	85	45	8.3	23.3	76.7	99.0	2.0
CL 11601	99	99	85	45	18.3	33.3	68.3	99.0	2.7
DLF LGT 4182	99	99	85	45	8.3	21.7	61.7	99.0	2.0
IS-PR 463	99	99	85	45	6.7	25.0	65.0	94.7	2.0
JR-192	99	99	85	45	10.0	30.0	65.0	99.0	3.0
DLF LGD-3026	99	99	85	45	13.3	25.0	65.0	99.0	2.7
ISG-30	99	99	85	45	15.0	28.3	71.7	99.0	2.7
PST-2BNS	99	99	85	45	5.0	18.3	51.7	99.0	2.0
IS-PR 479	99	99	85	45	11.7	28.3	73.3	99.0	2.0
LINN	99	99	85	45	11.7	21.7	68.3	97.7	2.0
LSD VALUE	0	0	0	0	6.7	8.5	4.9	2.8	0.5
C.V. (%)	0	0	0	0	29.2	18.0	4.8	1.7	13.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	COLOR RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD					QUALITY RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD				
NAME	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11
LTP-PR 135	7.3	8.0	7.3	7.7	7.0	8.0	8.3	8.3	8.3	8.3
OCTANE	7.0	6.3	7.0	7.0	6.3	8.0	8.0	8.3	8.0	8.0
SOX FAN (GM3)	7.7	7.0	7.3	7.0	7.3	8.0	8.0	8.0	8.0	8.0
BONNEVILLE	6.3	6.7	6.7	7.0	6.3	7.0	7.7	8.0	7.7	7.7
MACH I	6.3	7.7	7.0	7.7	7.0	8.0	8.0	8.0	8.0	8.0
PICK 4DFHM	7.0	6.7	7.0	6.7	6.3	8.0	8.0	8.0	8.0	7.7
PPG-PR 121	8.0	8.0	6.7	7.3	8.0	8.0	8.0	7.7	7.7	7.7
PPG-PR 133	6.7	7.0	7.7	7.0	6.7	7.0	8.0	8.0	8.0	8.0
PPG-PR 134	8.0	7.7	8.0	7.7	7.3	8.0	8.0	7.7	8.0	8.0
CL 307	7.0	7.7	7.7	7.0	6.3	7.0	7.3	7.7	7.7	7.7
PALMER V	6.7	7.0	7.0	7.3	7.0	8.0	8.0	8.0	8.0	7.7
BAR LP 10972	7.3	8.0	6.7	6.7	6.3	8.0	8.0	8.0	8.0	8.0
PST-2K9	7.0	7.0	6.7	7.0	7.0	8.0	7.7	7.7	8.0	8.0
RIO VISTA	6.3	7.0	7.0	7.0	7.0	7.0	7.7	7.7	7.7	7.0
SR 4650 (PSRX-3701)	7.7	8.0	7.0	7.3	7.7	8.0	8.0	7.7	8.0	7.3
SRX-4MSH	7.0	7.0	6.7	7.0	7.0	7.3	7.7	8.0	8.0	8.0
BAR LP 10969	6.3	6.7	7.0	6.7	6.3	7.0	8.0	7.7	8.0	7.3
IS-PR 489	6.3	8.0	7.3	6.7	7.0	7.0	8.0	7.7	7.7	7.7
JR-178	7.0	7.0	7.0	7.0	6.7	7.7	7.3	8.0	7.3	7.7
PINNACLE	6.0	7.0	7.3	6.3	6.3	7.0	7.3	7.7	8.0	7.0
PPG-PR 136	7.7	7.7	7.0	6.7	6.7	8.0	7.7	7.7	7.3	7.3
PPG-PR 137	7.3	8.0	7.0	7.0	6.7	8.0	8.0	8.0	8.0	8.0
PPG-PR 138	7.0	7.0	7.0	6.3	7.0	7.7	8.0	7.7	7.3	7.3
PPG-PR 143	6.7	7.0	7.0	7.0	6.3	6.7	7.7	8.0	8.0	8.3
PPG-PR 164	6.7	6.7	6.7	6.7	7.0	6.7	7.7	7.7	7.7	8.0
PRX-4GM1	7.3	6.3	6.7	7.3	7.3	7.7	7.3	7.3	7.3	7.0
PST-2ACR	7.0	6.7	6.3	6.3	7.0	8.0	7.7	7.3	7.3	7.7
PST-2NKM	7.0	8.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	7.3
RINOVO	7.0	7.3	7.0	7.3	7.0	6.3	7.0	7.0	7.7	8.0
S85	7.3	8.0	7.0	6.7	7.0	8.0	8.0	7.7	7.7	7.3
ALLANTE	6.3	6.7	7.0	7.3	6.7	6.7	7.0	7.3	7.3	7.3
HAVEN (APR 2038)	7.0	6.7	7.0	7.3	7.0	7.0	7.7	8.0	8.0	7.7
INSIGHT	6.0	5.7	6.3	7.0	6.7	7.0	7.0	7.3	7.3	7.7
ISG-31	7.3	7.0	6.7	6.7	7.0	8.3	7.3	7.3	7.3	7.3
PPG-PR 140	6.3	6.7	7.0	7.0	6.0	7.0	7.3	8.0	8.0	8.0
PST-2MAGS	6.7	6.3	6.3	6.7	7.3	7.7	7.3	7.3	7.0	7.3
PST-2TQL	6.0	6.7	6.7	6.7	6.3	6.7	7.7	8.0	8.0	7.7
UNO	6.3	6.7	7.0	7.0	6.0	7.3	7.0	7.7	8.0	8.0
BAR LP 7608	6.7	8.0	7.0	7.0	6.7	7.7	8.0	7.7	7.3	7.0
CS-PR66	7.0	7.0	7.0	7.7	7.3	8.0	8.3	7.7	7.3	7.3
CST	7.7	7.3	6.7	7.3	7.3	8.0	7.7	7.7	7.7	7.7
DLF LGD-3022	6.3	7.0	7.0	7.0	6.7	7.0	7.0	7.3	7.7	8.0
FIESTA 4	7.0	7.7	7.3	7.0	6.7	8.0	8.0	8.0	7.3	7.3
GO-G37	7.3	8.0	8.0	7.0	7.0	8.0	8.0	7.3	7.7	7.0
PICK 10401	7.7	7.7	7.3	7.3	7.3	7.7	7.3	7.0	7.0	7.0
PPG-PR 128	7.3	7.3	7.0	7.0	7.0	7.0	7.7	7.7	7.3	7.3
PPG-PR 142	5.7	6.0	5.7	6.3	6.7	6.7	7.7	7.7	7.7	7.7

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	COLOR RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD					QUALITY RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD				
NAME	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11
PST-204D	7.3	7.3	6.7	7.0	7.0	7.7	7.0	7.3	7.0	7.3
SIENNA	7.0	7.0	6.3	6.3	6.0	7.0	7.3	7.3	7.3	7.3
2NJK	6.7	7.0	7.3	7.0	6.3	7.7	7.7	7.7	7.7	7.7
APR 2036	7.0	7.0	7.0	6.7	6.3	6.7	7.7	7.3	7.3	7.0
APR 2445	6.7	6.7	7.7	6.3	7.0	7.7	7.7	7.7	7.3	7.7
BRIGHTSTAR SLT	6.7	7.0	7.0	6.7	6.3	6.7	7.0	7.0	7.3	7.3
CS-20	7.7	7.0	7.7	7.3	7.7	8.0	7.3	7.0	7.3	7.0
DOMINATOR (PST-2AG4)	7.0	7.0	6.3	7.3	6.7	6.7	7.0	7.0	7.3	7.3
GO-DHS	8.0	7.0	7.0	7.7	8.0	8.0	7.0	7.0	7.3	7.0
IS-PR 409	6.0	6.7	6.7	7.0	7.0	6.7	7.3	7.7	8.0	7.7
IS-PR 487	7.3	7.7	6.3	7.0	7.3	7.3	7.7	7.7	7.3	7.0
IS-PR 488	6.7	7.7	7.0	7.0	7.0	7.3	7.7	8.0	7.0	7.7
IS-PR 492	7.0	7.7	6.7	7.0	7.0	7.0	7.3	7.0	7.3	7.3
P02	7.0	6.7	6.3	6.7	7.0	7.0	7.3	7.3	7.0	7.3
PIZZAZZ 2 GLR (PR 909)	5.7	6.0	6.3	6.7	6.7	6.0	6.7	7.3	7.7	7.7
PST-2MG7	6.0	7.0	7.3	7.0	6.3	7.0	7.0	7.3	7.0	7.3
RAD-PR55R	6.0	7.0	7.0	7.0	6.3	7.0	7.0	7.3	7.7	7.3
SIDEWAYS (PSRX-S84)	7.0	6.7	7.0	6.7	7.0	7.0	7.0	7.7	7.7	7.7
APR 2320	6.3	6.7	7.7	7.3	7.0	6.0	7.0	7.7	7.7	7.7
IS-PR 469	5.0	7.0	6.7	7.0	6.7	5.7	7.0	7.3	7.3	7.3
IS-PR 491	6.7	8.0	7.3	7.0	6.7	7.0	7.7	7.0	7.7	7.0
PANGEA GLR (CL 11701)	6.3	5.7	6.0	6.3	7.0	7.0	7.0	7.0	6.7	7.0
PPG-PR 165	7.0	7.0	7.0	6.7	7.0	7.0	7.3	7.3	7.3	7.3
GO-PR60	7.3	6.7	6.7	7.0	7.0	8.0	7.0	7.0	6.7	6.7
ISG-36	7.0	6.7	6.3	7.0	7.3	8.0	7.7	7.3	7.0	6.7
LTP-RAE	7.0	7.3	7.3	7.0	7.0	7.3	7.7	7.0	6.7	6.3
PSRX-4CAGL	6.3	6.7	7.0	6.7	6.7	6.7	7.0	7.3	6.7	6.7
PST-2DR9	6.7	7.3	6.7	6.7	6.7	7.0	7.0	6.7	6.7	6.7
RAD-PR62	6.3	7.0	7.0	7.3	7.3	6.7	7.0	7.3	7.7	7.3
SRX-4RHD	6.7	7.0	6.7	7.0	6.7	7.0	7.0	7.3	7.3	7.3
A-35	7.3	6.7	6.7	7.0	7.0	8.0	7.3	7.0	7.0	6.7
BAR LP 10970	6.0	6.7	6.7	6.7	6.3	6.7	7.0	7.0	7.3	7.3
CL 11601	6.0	6.3	6.3	6.0	6.3	6.0	7.0	7.3	7.0	7.0
DLF LGT 4182	7.0	7.3	6.7	7.0	6.7	7.7	7.0	7.3	7.3	7.3
IS-PR 463	6.3	7.0	6.3	6.7	6.0	7.0	7.0	7.0	7.0	7.3
JR-192	7.0	7.0	6.7	6.7	7.0	7.0	7.0	7.0	7.0	6.7
DLF LGD-3026	7.0	7.0	6.7	7.0	5.7	7.7	6.7	7.0	7.0	6.7
ISG-30	6.7	7.3	6.3	6.7	6.3	7.3	7.3	7.0	7.0	6.7
PST-2BNS	6.3	7.0	7.0	6.0	6.3	7.0	7.0	7.0	6.3	6.3
IS-PR 479	7.0	6.7	6.3	6.7	6.7	7.0	6.7	6.3	6.3	7.0
LINN	5.0	5.0	4.7	4.7	4.3	6.0	6.0	5.7	5.7	6.0
LSD VALUE	0.7	0.7	0.7	0.8	0.7	0.5	0.7	0.8	0.8	1.1
C.V. (%)	6.6	6.2	6.4	6.3	6.4	4.7	5.3	6.1	6.1	7.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	DENSITY RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD					UNIFORMITY RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD				
NAME	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11
LTP-PR 135	8.0	7.3	7.3	7.7	7.7	8.0	7.7	7.7	7.3	7.0
OCTANE	7.7	8.0	8.0	8.3	8.0	8.0	8.0	7.0	7.3	7.7
SOX FAN (GM3)	7.0	7.7	8.0	7.7	7.3	7.7	7.3	6.7	7.0	7.0
BONNEVILLE	7.7	8.0	8.0	8.0	8.0	8.0	8.0	7.0	8.0	8.0
MACH I	8.0	8.0	8.0	8.3	8.7	8.0	7.7	7.0	7.3	7.0
PICK 4DFHM	7.7	8.0	8.0	8.3	7.7	8.0	8.0	7.0	7.3	8.0
PPG-PR 121	7.7	7.7	8.0	7.3	7.7	8.0	8.0	7.7	7.7	7.0
PPG-PR 133	8.0	8.0	7.7	8.3	8.0	8.0	7.3	8.0	7.7	7.0
PPG-PR 134	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.0	7.0	7.0
CL 307	7.7	7.3	7.3	8.3	7.7	7.0	7.3	7.7	7.7	7.0
PALMER V	8.0	8.0	7.7	8.3	7.3	8.0	8.0	7.0	7.0	7.3
BAR LP 10972	8.0	7.7	7.0	8.0	8.0	8.0	8.0	7.3	7.3	7.3
PST-2K9	7.7	7.7	7.7	8.0	7.3	8.0	8.0	7.0	7.0	7.0
RIO VISTA	7.0	7.7	8.0	8.0	7.7	7.7	8.0	7.3	7.7	7.7
SR 4650 (PSRX-3701)	8.0	8.0	7.7	8.0	7.7	7.0	7.0	7.0	7.3	7.3
SRX-4MSH	7.7	7.7	7.7	8.0	7.0	7.7	8.0	7.0	7.0	7.0
BAR LP 10969	8.0	8.0	7.3	8.0	8.0	8.0	7.7	7.0	7.3	7.0
IS-PR 489	7.7	8.0	7.0	8.0	7.3	8.0	8.0	7.3	7.3	7.3
JR-178	7.3	7.3	7.3	7.3	7.3	7.7	7.3	8.0	7.3	7.0
PINNACLE	8.0	7.0	7.7	7.3	7.3	8.0	8.0	7.3	7.0	7.3
PPG-PR 136	7.3	7.3	8.0	8.0	7.3	7.0	7.0	7.7	7.0	6.7
PPG-PR 137	8.0	8.0	8.0	8.3	7.7	7.0	8.0	7.3	7.3	7.0
PPG-PR 138	7.0	8.0	7.7	7.3	7.3	8.0	7.3	7.0	7.3	7.0
PPG-PR 143	8.0	8.0	8.0	8.0	8.0	8.0	7.0	7.0	7.0	7.7
PPG-PR 164	7.7	8.0	8.0	8.3	8.3	8.0	7.3	7.7	7.7	7.3
PRX-4GM1	8.0	8.0	8.0	7.7	7.0	7.3	7.3	7.0	7.3	7.0
PST-2ACR	7.7	7.3	7.0	7.3	7.3	7.3	7.0	7.0	7.0	7.0
PST-2NKM	7.7	8.0	8.0	8.0	8.0	7.0	7.3	7.3	7.0	7.0
RINOVO	8.0	8.0	7.7	7.0	8.0	7.0	7.0	7.7	7.3	7.0
S85	8.0	7.3	7.3	7.3	8.0	8.0	8.0	7.3	7.3	7.0
ALLANTE	7.3	7.3	7.0	7.7	7.7	7.0	7.0	7.3	7.3	7.0
HAVEN (APR 2038)	8.0	8.0	7.3	8.0	8.0	8.0	8.0	7.3	7.0	7.3
INSIGHT	7.7	7.7	7.7	8.0	7.3	7.0	7.7	7.3	7.3	7.0
ISG-31	7.3	7.7	7.0	7.7	7.7	8.0	8.0	7.3	7.0	7.7
PPG-PR 140	8.0	7.0	7.7	7.3	7.3	7.0	7.0	7.7	7.7	7.3
PST-2MAGS	7.7	7.0	7.3	7.3	7.3	8.0	7.7	7.3	7.0	7.0
PST-2TQL	7.7	8.0	7.7	7.7	7.3	7.7	7.7	7.3	7.3	7.7
UNO	7.7	8.0	7.7	7.3	8.0	7.0	7.0	7.0	7.0	7.0
BAR LP 7608	8.0	7.7	7.3	7.7	7.7	7.0	7.0	7.3	7.0	7.0
CS-PR66	7.7	8.0	7.7	8.0	8.0	8.0	7.7	7.0	7.3	7.0
CST	7.7	7.3	7.7	7.7	7.7	7.3	8.0	8.0	7.0	7.0
DLF LGD-3022	8.0	8.0	8.0	9.0	8.3	8.0	8.0	8.0	8.0	8.0
FIESTA 4	8.0	7.7	7.7	8.0	7.3	8.0	7.7	8.0	7.3	7.3
GO-G37	7.7	8.0	7.0	8.0	7.7	7.3	7.7	7.0	7.0	7.0
PICK 10401	8.0	8.0	8.0	8.0	8.3	7.3	7.0	7.0	7.0	7.0
PPG-PR 128	7.0	7.3	8.0	8.0	7.3	8.0	7.7	7.3	7.0	7.3
PPG-PR 142	7.0	7.3	7.3	7.7	7.3	7.0	6.7	7.3	7.3	7.3

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	DENSITY RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD					UNIFORMITY RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD				
NAME	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11	12/2/10	1/5/11	2/7/11	3/4/11	4/4/11
PST-204D	7.3	7.7	7.0	7.7	7.3	7.0	7.0	7.0	7.0	7.0
SIENNA	7.7	7.7	8.0	7.7	7.3	8.0	7.0	7.3	7.0	7.3
2NJK	7.0	7.0	7.3	8.0	7.3	8.0	8.0	7.7	7.3	7.3
APR 2036	7.3	7.3	7.3	7.0	7.3	7.3	7.0	8.0	8.0	7.3
APR 2445	8.0	7.7	7.3	7.7	7.7	7.0	7.3	7.7	7.3	7.0
BRIGHTSTAR SLT	7.7	6.7	7.0	6.7	7.3	7.3	7.0	7.0	7.0	7.0
CS-20	7.3	7.3	7.3	7.3	7.3	7.7	7.0	7.3	7.0	7.0
DOMINATOR (PST-2AG4)	7.0	7.3	8.0	8.0	7.7	8.0	8.0	7.0	7.0	7.3
GO-DHS	7.3	7.0	7.0	7.3	7.3	7.7	7.0	7.0	7.3	7.0
IS-PR 409	7.7	7.7	7.3	7.7	7.3	7.0	7.0	7.3	7.0	7.0
IS-PR 487	7.0	7.7	8.0	7.7	7.0	7.3	7.0	7.0	7.3	7.0
IS-PR 488	7.3	7.0	7.3	7.7	7.3	7.0	7.0	7.0	7.0	7.0
IS-PR 492	7.7	7.7	7.0	7.3	7.0	7.0	7.3	7.0	7.0	7.0
P02	7.0	7.7	7.3	8.3	8.0	7.0	7.0	8.0	7.0	7.0
PIZZAZZ 2 GLR (PR 909)	7.0	7.7	8.0	6.3	7.0	8.0	8.0	8.0	7.7	7.3
PST-2MG7	7.3	8.0	7.7	8.0	8.0	7.0	7.0	8.0	7.3	7.3
RAD-PR55R	7.3	7.3	8.0	7.7	7.0	6.0	6.7	7.0	7.0	7.3
SIDEWAYS (PSRX-S84)	7.7	7.7	8.0	8.0	8.3	7.0	7.0	7.0	7.0	7.0
APR 2320	7.7	8.0	8.0	8.0	8.3	6.3	7.3	7.3	7.3	7.0
IS-PR 469	7.7	7.7	7.7	8.3	7.7	7.0	7.3	7.7	7.0	7.0
IS-PR 491	8.0	8.0	8.0	8.0	8.0	7.0	7.3	7.3	7.0	7.3
PANGEA GLR (CL 11701)	7.0	7.3	7.0	7.0	7.0	7.0	7.3	7.3	7.0	7.3
PPG-PR 165	7.7	8.0	7.7	7.7	7.7	7.3	7.0	7.0	7.0	7.7
GO-PR60	6.7	7.3	7.3	7.0	7.0	7.3	7.0	7.3	7.3	7.3
ISG-36	7.0	7.0	7.0	7.3	7.0	6.7	7.0	7.0	7.3	7.3
LTP-RAE	6.7	7.0	7.0	7.0	7.7	7.0	7.0	7.7	7.0	7.3
PSRX-4CAGL	6.7	7.0	7.0	7.3	7.0	7.3	7.7	7.0	7.3	7.0
PST-2DR9	7.0	7.3	7.0	7.0	7.3	6.7	6.7	6.7	6.7	6.7
RAD-PR62	7.3	7.3	7.0	7.3	7.3	6.0	6.7	7.0	7.0	7.0
SRX-4RHD	7.7	7.7	8.0	7.7	7.7	7.7	8.0	7.3	7.3	7.3
A-35	7.3	7.3	7.3	7.0	7.3	7.0	7.3	7.3	7.3	7.3
BAR LP 10970	7.3	7.0	7.0	7.7	7.3	8.0	7.7	8.0	7.0	7.7
CL 11601	7.0	7.0	7.3	7.0	7.3	7.3	7.3	7.3	7.0	7.0
DLF LGT 4182	7.7	7.3	8.0	7.3	7.3	8.0	8.0	7.3	7.3	7.3
IS-PR 463	7.7	7.3	7.3	7.7	7.7	7.0	7.0	7.7	7.0	7.0
JR-192	6.7	7.0	8.0	7.3	7.0	7.0	7.3	7.0	7.0	7.0
DLF LGD-3026	8.0	8.0	7.7	8.0	8.0	7.7	8.0	8.0	7.0	7.0
ISG-30	6.7	7.0	7.0	7.0	6.7	7.0	7.0	7.3	7.0	7.3
PST-2BNS	8.0	7.0	7.3	7.3	7.3	6.3	7.0	7.3	7.3	6.7
IS-PR 479	7.0	7.0	7.0	7.0	7.0	7.3	7.0	7.3	7.0	7.3
LINN	7.0	7.0	7.3	6.3	7.0	7.0	7.3	7.0	7.0	7.3
LSD VALUE	0.8	0.9	0.8	0.8	0.9	0.5	0.6	0.8	1.0	1.0
C.V. (%)	6.0	6.0	5.8	6.1	6.3	4.7	5.1	5.6	5.3	5.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	COLOR OF OVERALL PLOT IN SPRING/SUMMER TRANSITION					QUALITY OF OVERALL PLOT IN SPRING/SUMMER TRANSITION				
NAME	4/14/11	4/27/11	5/9/11	5/23/11	6/1/11	4/14/11	4/27/11	5/9/11	5/23/11	6/1/11
LTP-PR 135	7.0	7.3	7.7	6.7	6.7	8.3	7.3	7.0	5.7	4.0
OCTANE	7.0	7.0	7.0	6.0	6.0	8.3	7.3	7.3	5.3	4.7
SOX FAN (GM3)	7.7	8.0	7.3	7.0	6.0	9.0	7.3	7.0	5.7	4.7
BONNEVILLE	7.0	7.0	6.7	6.7	6.0	7.7	7.7	7.7	5.7	4.3
MACH I	8.0	8.0	7.0	6.3	6.7	8.7	8.0	6.3	5.0	3.3
PICK 4DFHM	7.0	7.0	6.7	6.7	6.3	8.0	7.3	7.0	5.3	4.3
PPG-PR 121	6.7	7.0	7.3	7.0	7.0	7.7	7.3	6.7	5.3	5.3
PPG-PR 133	7.3	8.0	8.0	5.7	5.7	8.3	7.0	7.0	5.3	5.0
PPG-PR 134	7.0	7.7	8.0	7.0	6.7	7.7	7.0	7.0	5.7	4.3
CL 307	7.7	8.0	7.0	5.7	6.0	7.7	7.7	6.7	5.3	5.0
PALMER V	7.7	8.0	7.0	6.3	6.0	8.3	7.0	7.0	5.0	4.0
BAR LP 10972	8.0	8.0	8.0	6.7	6.3	8.0	7.3	6.7	4.7	4.0
PST-2K9	7.0	7.0	7.0	6.3	6.7	8.0	7.0	8.0	4.3	3.3
RIO VISTA	6.3	6.7	6.7	6.7	6.3	7.3	7.3	7.0	5.7	5.0
SR 4650 (PSRX-3701)	7.3	7.0	7.0	7.0	7.0	8.3	7.0	7.0	5.0	4.0
SRX-4MSH	7.3	7.7	6.7	7.0	6.0	8.0	7.3	7.0	4.7	4.0
BAR LP 10969	7.7	8.0	7.0	6.0	6.3	8.0	7.3	7.0	4.7	3.0
IS-PR 489	6.7	7.0	7.0	7.0	6.7	8.0	7.0	6.7	5.0	4.3
JR-178	6.3	6.0	6.7	6.7	6.3	8.0	7.0	6.7	5.3	3.7
PINNACLE	5.7	5.7	6.0	5.0	5.0	7.3	7.0	7.0	6.0	5.0
PPG-PR 136	6.3	6.0	6.0	6.3	6.3	7.3	6.7	6.7	5.7	4.3
PPG-PR 137	6.0	6.7	6.3	6.0	5.7	8.0	7.0	7.0	4.7	3.3
PPG-PR 138	5.7	6.0	6.0	6.3	6.0	7.7	7.3	7.0	5.0	3.3
PPG-PR 143	7.0	7.0	7.0	6.3	6.0	8.7	7.0	7.0	4.3	3.3
PPG-PR 164	7.3	7.3	6.3	6.3	5.7	8.0	7.3	7.0	5.0	3.0
PRX-4GM1	7.0	7.0	6.7	6.0	6.7	7.3	7.0	7.0	5.0	5.0
PST-2ACR	6.7	6.3	7.0	6.3	6.0	8.0	7.0	7.3	4.7	4.0
PST-2NKM	7.0	7.0	6.7	7.0	6.0	8.0	7.0	7.0	4.3	4.0
RINOVO	7.0	7.3	7.0	7.0	7.0	8.7	7.3	7.0	5.3	4.0
S85	6.3	6.0	6.0	6.7	6.0	7.7	7.0	7.0	4.0	3.0
ALLANTE	6.3	7.0	6.3	6.0	6.3	7.7	7.0	6.3	5.7	4.7
HAVEN (APR 2038)	7.0	7.3	6.7	6.7	6.3	7.7	7.0	6.7	4.0	4.0
INSIGHT	7.0	7.0	6.3	5.7	5.3	7.7	7.0	6.3	5.3	4.3
ISG-31	6.3	7.0	6.3	6.7	6.3	6.7	7.0	7.0	5.0	3.3
PPG-PR 140	6.3	6.0	6.0	6.0	6.0	8.0	7.3	6.7	4.0	3.0
PST-2MAGS	6.3	7.0	7.0	6.7	7.0	7.7	7.7	7.7	4.3	3.0
PST-2TQL	7.3	7.3	7.0	6.0	6.0	8.3	7.3	7.0	3.7	3.3
UNO	7.0	6.7	6.3	5.7	5.0	8.0	7.0	7.0	4.7	3.7
BAR LP 7608	6.7	7.0	7.0	5.7	5.3	7.0	7.0	7.0	4.7	3.7
CS-PR66	7.0	7.0	7.0	7.0	7.0	7.7	7.0	7.0	3.7	3.0
CST	6.7	7.0	7.0	6.7	6.3	7.3	7.0	7.0	4.3	3.0
DLF LGD-3022	7.0	6.7	7.0	6.7	6.3	8.3	7.0	7.0	4.3	4.0
FIESTA 4	6.7	7.0	6.0	6.7	7.0	7.7	7.3	6.0	4.3	3.0
GO-G37	7.0	7.0	7.0	7.0	6.7	7.3	7.3	6.7	4.7	2.7
PICK 10401	7.0	7.7	8.0	6.7	6.7	7.0	7.0	6.7	5.0	4.7
PPG-PR 128	6.0	7.0	7.0	7.0	6.3	7.3	7.0	6.3	4.7	4.0
PPG-PR 142	6.7	7.0	7.0	6.3	6.3	7.3	6.7	6.7	5.3	3.0

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	COLOR OF OVERALL PLOT IN SPRING/SUMMER TRANSITION					QUALITY OF OVERALL PLOT IN SPRING/SUMMER TRANSITION				
NAME	4/14/11	4/27/11	5/9/11	5/23/11	6/1/11	4/14/11	4/27/11	5/9/11	5/23/11	6/1/11
PST-204D	6.0	6.0	6.3	7.0	6.3	7.7	7.0	7.0	4.7	4.3
SIENNA	5.3	5.0	5.7	6.0	5.0	7.3	7.3	6.3	5.7	3.0
2NJK	6.0	6.3	6.0	6.7	5.3	7.7	7.0	6.0	4.0	3.0
APR 2036	5.7	6.3	6.0	6.0	6.3	7.0	7.0	7.0	5.0	3.7
APR 2445	6.0	6.0	7.0	6.3	6.3	7.7	7.3	6.0	3.7	3.7
BRIGHTSTAR SLT	6.3	7.0	6.3	6.0	4.7	6.7	7.3	7.0	4.7	4.0
CS-20	6.0	6.0	6.7	7.0	6.3	6.7	7.3	7.0	4.0	3.0
DOMINATOR (PST-2AG4)	7.0	8.0	7.3	6.7	6.3	7.7	7.3	7.3	4.7	3.7
GO-DHS	6.3	7.0	7.0	7.3	6.7	7.0	7.0	7.0	4.7	3.3
IS-PR 409	7.0	7.0	6.3	6.3	6.7	8.0	7.0	6.7	4.7	3.0
IS-PR 487	7.0	7.0	6.7	7.0	7.0	7.7	7.0	6.3	4.7	3.0
IS-PR 488	7.0	7.0	6.7	6.3	6.3	7.3	7.0	6.7	4.3	3.0
IS-PR 492	6.7	7.0	6.7	6.7	6.0	7.3	6.7	6.3	5.3	3.0
P02	6.3	6.7	6.3	6.7	6.7	7.0	7.0	7.0	4.0	3.3
PIZZAZZ 2 GLR (PR 909)	6.3	6.3	6.3	6.3	6.3	7.7	7.7	7.0	5.3	3.0
PST-2MG7	6.3	6.3	6.0	6.3	6.3	7.7	7.3	7.3	4.3	3.3
RAD-PR55R	6.7	6.7	7.0	6.7	7.0	7.3	7.0	6.3	5.0	4.0
SIDEWAYS (PSRX-S84)	7.0	7.3	6.7	6.3	6.3	7.7	6.7	6.3	4.3	3.0
APR 2320	7.0	7.0	6.7	6.3	6.3	8.0	7.0	6.7	3.7	3.7
IS-PR 469	6.7	6.7	6.0	5.3	5.7	8.0	7.3	6.7	4.3	3.0
IS-PR 491	6.7	7.0	7.0	6.7	6.3	7.7	6.7	6.0	4.0	3.0
PANGEA GLR (CL 11701)	6.0	6.3	6.0	6.3	6.0	7.3	6.7	7.0	5.0	4.0
PPG-PR 165	7.0	7.0	7.0	6.0	6.3	7.3	7.0	6.7	4.3	3.0
GO-PR60	6.0	7.0	7.0	7.0	6.7	6.7	6.7	7.3	3.7	3.0
ISG-36	7.0	7.0	7.0	7.0	7.0	6.7	6.3	6.7	3.7	3.0
LTP-RAE	6.7	7.0	6.7	6.7	7.0	6.3	6.3	6.7	4.7	3.7
PSRX-4CAGL	6.7	6.7	6.7	6.3	5.7	6.7	6.3	6.7	4.0	4.3
PST-2DR9	5.7	6.0	5.7	6.3	6.3	6.7	6.7	6.7	5.3	3.7
RAD-PR62	7.0	7.0	7.0	6.3	7.0	7.0	7.0	6.7	4.0	3.0
SRX-4RHD	7.0	7.0	7.0	6.3	6.7	7.3	6.7	6.7	4.0	3.0
A-35	5.3	5.7	6.3	7.3	6.3	6.7	6.7	6.3	4.3	2.7
BAR LP 10970	6.7	7.0	6.3	6.0	5.7	7.3	6.3	6.7	4.3	3.3
CL 11601	6.0	7.0	6.0	5.7	6.0	7.0	7.0	6.3	4.3	3.3
DLF LGT 4182	6.0	6.0	5.7	6.7	6.3	7.0	6.7	6.3	3.3	2.7
IS-PR 463	6.0	6.0	6.3	6.0	6.0	7.0	6.7	5.7	4.7	3.3
JR-192	6.3	6.3	6.7	6.7	6.0	6.3	6.3	7.0	4.3	3.0
DLF LGD-3026	6.0	7.0	7.0	7.0	6.0	6.3	6.0	6.0	4.3	4.0
ISG-30	5.7	5.3	6.0	6.7	6.0	6.3	6.3	6.7	4.0	3.0
PST-2BNS	5.7	6.7	7.0	6.3	6.3	5.7	6.7	7.0	4.7	3.0
IS-PR 479	6.0	6.3	6.3	7.0	6.7	6.7	6.7	6.7	3.3	3.0
LINN	4.0	4.0	4.0	3.3	4.3	6.0	6.0	6.0	4.0	4.0
LSD VALUE	0.6	0.5	0.6	1.1	0.8	2.9	1.3	0.9	2.1	0.6
C.V. (%)	6.2	5.1	5.7	9.6	7.7	12.9	7.2	6.9	18.2	11.7

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.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	DENSITY OF OVERALL PLOT IN SPRING/SUMMER TRANSITION					UNIFORMITY OF OVERALL PLOT IN SPRING/SUMMER TRANSITION					QUALITY
NAME	4/14/11	4/27/11	5/9/11	5/23/11	6/1/11	4/14/11	4/27/11	5/9/11	5/23/11	6/1/11	MEAN
LTP-PR 135	7.3	6.7	6.7	5.7	4.3	7.0	7.0	7.3	5.0	4.0	7.0
OCTANE	8.0	7.3	7.0	5.0	3.7	7.7	8.0	8.0	5.0	4.7	7.0
SOX FAN (GM3)	8.0	7.3	7.0	5.7	4.7	7.0	7.0	7.0	5.3	4.0	6.9
BONNEVILLE	8.0	7.0	7.0	5.7	4.3	7.3	8.0	7.7	5.7	4.7	6.8
MACH I	9.0	7.3	6.7	4.3	3.7	7.0	7.0	7.0	4.3	3.0	6.8
PICK 4DFHM	8.0	7.7	7.0	5.3	5.0	7.3	7.0	7.0	5.3	4.3	6.8
PPG-PR 121	7.7	7.3	7.0	5.7	5.0	7.0	7.0	6.7	6.0	4.0	6.8
PPG-PR 133	9.0	7.3	6.7	5.7	5.0	7.0	7.7	7.0	5.3	4.0	6.8
PPG-PR 134	8.0	7.7	7.0	6.0	4.3	7.0	7.3	7.7	5.0	4.0	6.8
CL 307	7.7	7.0	7.0	5.7	5.0	7.3	7.3	7.3	5.7	4.0	6.7
PALMER V	8.0	7.3	7.0	5.0	3.7	7.3	7.0	7.0	5.7	3.3	6.7
BAR LP 10972	8.0	7.0	6.7	4.3	4.0	7.3	7.0	7.0	4.3	3.3	6.6
PST-2K9	7.3	7.0	6.0	4.0	3.0	7.0	7.3	6.3	4.0	3.0	6.6
RIO VISTA	8.0	7.0	6.0	5.3	5.0	7.3	7.7	7.0	4.7	5.0	6.6
SR 4650 (PSRX-3701)	8.0	7.0	7.0	5.0	4.0	7.3	7.3	7.0	5.0	3.3	6.6
SRX-4MSH	7.7	7.7	6.7	4.3	4.0	7.3	7.0	6.7	4.7	4.7	6.6
BAR LP 10969	8.3	7.0	7.0	4.3	3.0	7.3	7.0	7.0	4.0	3.0	6.5
IS-PR 489	8.3	7.3	6.7	5.0	4.0	7.3	7.3	7.0	4.7	4.3	6.5
JR-178	8.0	7.0	7.0	4.7	4.0	7.0	7.0	7.0	4.3	2.7	6.5
PINNACLE	7.3	7.3	6.7	5.7	5.0	7.0	7.3	6.7	5.3	4.3	6.5
PPG-PR 136	7.7	7.0	6.0	5.3	4.7	7.0	7.3	6.3	5.7	4.7	6.5
PPG-PR 137	8.0	8.0	6.7	4.3	3.3	7.0	7.7	7.0	5.0	3.7	6.5
PPG-PR 138	7.7	7.3	6.7	5.0	4.0	7.0	7.0	7.0	5.7	4.0	6.5
PPG-PR 143	8.3	7.3	6.7	4.7	2.7	7.3	7.3	6.7	4.0	3.0	6.5
PPG-PR 164	8.0	7.7	7.0	4.7	3.7	7.0	7.0	8.0	4.3	3.3	6.5
PRX-4GM1	8.0	7.0	7.0	5.3	5.0	7.0	7.0	7.0	5.0	4.3	6.5
PST-2ACR	7.7	7.0	5.3	4.7	4.0	7.3	7.0	5.7	4.0	3.7	6.5
PST-2NKM	8.0	7.7	6.0	3.7	3.0	7.3	7.0	6.3	4.3	4.0	6.5
RINOVO	8.7	8.0	7.0	5.3	4.0	7.3	7.0	6.3	6.0	3.7	6.5
S85	7.7	7.0	7.0	4.0	4.0	7.0	7.3	7.0	5.0	3.7	6.5
ALLANTE	7.7	7.0	6.0	5.3	4.7	7.0	7.3	6.7	6.0	5.0	6.4
HAVEN (APR 2038)	8.0	6.7	7.0	4.7	4.0	7.0	8.0	7.0	5.0	4.3	6.4
INSIGHT	7.7	7.0	7.0	5.0	4.0	7.0	7.0	7.0	6.0	4.0	6.4
ISG-31	7.3	7.3	7.0	4.3	3.3	7.7	7.7	7.0	4.0	3.3	6.4
PPG-PR 140	7.0	6.7	6.0	4.0	3.3	7.3	7.0	6.3	5.0	3.0	6.4
PST-2MAGS	7.0	6.7	5.3	4.0	2.7	7.3	7.3	6.7	3.7	2.7	6.4
PST-2TQL	7.7	7.0	6.0	3.7	2.7	7.0	7.0	6.3	4.0	3.3	6.4
UNO	8.0	7.7	7.0	4.7	4.3	7.0	7.3	7.0	5.0	4.7	6.4
BAR LP 7608	7.7	7.3	7.0	4.7	4.0	7.0	7.0	7.0	4.0	3.3	6.3
CS-PR66	8.0	7.0	6.0	3.0	3.0	7.0	7.3	7.0	3.7	3.0	6.3
CST	7.7	7.3	6.7	4.3	3.0	7.0	7.0	7.0	3.0	3.3	6.3
DLF LGD-3022	8.3	8.0	7.0	4.0	3.3	7.7	7.0	6.7	5.0	3.7	6.3
FIESTA 4	7.7	6.7	6.3	4.3	3.0	7.3	7.0	7.0	5.0	3.0	6.3
GO-G37	7.7	7.0	6.0	4.0	2.7	7.0	7.0	6.3	4.7	2.7	6.3
PICK 10401	8.0	7.0	7.0	5.0	4.3	7.0	7.0	7.0	5.0	4.0	6.3
PPG-PR 128	7.7	6.7	7.0	4.3	3.3	7.3	7.3	7.3	5.0	3.3	6.3
PPG-PR 142	7.3	6.7	5.7	5.0	3.0	7.3	6.7	6.7	5.0	3.0	6.3

TABLE 1. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EUFAULA (OVERSEEDING AT EUFAULA COUNTRY CLUB), AL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	DENSITY OF OVERALL PLOT IN SPRING/SUMMER TRANSITION 4/14/11	4/27/11	5/9/11	5/23/11	6/1/11	UNIFORMITY OF OVERALL PLOT IN SPRING/SUMMER TRANSITION 4/14/11	4/27/11	5/9/11	5/23/11	6/1/11	QUALITY MEAN
PST-204D	7.7	7.3	6.3	4.7	4.3	7.0	7.0	6.0	4.7	3.3	6.3
SIENNA	7.7	7.0	7.0	5.3	3.7	7.0	7.3	7.0	5.7	3.3	6.3
2NJK	7.3	7.3	6.7	3.7	2.7	7.3	7.0	7.0	4.3	3.0	6.2
APR 2036	7.3	7.0	6.7	4.7	4.7	7.3	7.0	6.7	5.3	4.7	6.2
APR 2445	7.7	7.0	6.7	4.0	3.7	7.3	7.0	7.0	4.7	3.7	6.2
BRIGHTSTAR SLT	7.0	6.7	6.7	4.0	4.0	7.3	7.0	6.7	5.3	3.3	6.2
CS-20	7.0	7.0	6.0	4.0	3.0	7.0	7.0	6.7	4.3	3.3	6.2
DOMINATOR (PST-2AG4)	7.7	7.0	6.7	4.7	3.7	7.3	7.0	6.3	4.7	3.3	6.2
GO-DHS	7.0	6.7	6.3	4.3	3.0	7.0	7.0	7.0	4.0	3.3	6.2
IS-PR 409	8.0	7.3	6.7	4.3	3.7	7.3	7.3	7.0	3.3	3.0	6.2
IS-PR 487	8.0	7.7	6.7	4.7	3.3	7.0	7.0	6.7	3.3	3.7	6.2
IS-PR 488	7.3	7.0	7.0	4.3	3.7	7.3	7.0	7.0	3.3	3.7	6.2
IS-PR 492	7.7	6.7	6.7	4.7	3.0	7.0	7.0	7.0	4.0	4.0	6.2
P02	7.3	7.3	7.0	4.0	3.7	7.3	7.3	6.7	4.7	3.3	6.2
PIZZAZZ 2 GLR (PR 909)	7.7	7.0	6.7	5.3	4.3	7.0	6.7	6.7	6.0	4.3	6.2
PST-2MG7	8.0	7.3	6.3	4.3	3.0	7.3	7.0	6.7	3.7	3.0	6.2
RAD-PR55R	7.7	7.3	6.3	4.7	3.0	7.0	7.0	7.0	4.7	2.7	6.2
SIDEWAYS (PSRX-S84)	8.0	8.0	6.3	4.0	3.3	7.7	7.3	6.7	4.3	4.3	6.2
APR 2320	8.0	7.0	6.7	4.0	3.7	7.7	7.7	7.0	5.3	4.0	6.1
IS-PR 469	8.0	7.0	6.3	4.3	4.0	7.0	7.0	7.0	5.0	4.3	6.1
IS-PR 491	8.0	7.0	6.3	4.0	3.3	7.3	7.3	7.0	4.0	3.7	6.1
PANGEA GLR (CL 11701)	7.3	6.3	7.0	5.0	4.3	7.0	7.3	7.0	5.7	4.0	6.1
PPG-PR 165	7.7	7.0	6.7	4.0	3.3	7.7	7.0	7.0	4.3	3.3	6.1
GO-PR60	7.0	7.0	6.0	3.7	3.0	7.0	7.3	6.3	3.7	2.7	6.0
ISG-36	7.0	6.7	6.3	3.3	2.7	7.3	7.7	7.0	4.0	2.7	6.0
LTP-RAE	7.3	6.7	6.3	4.3	3.7	7.0	7.0	6.7	5.0	3.7	6.0
PSRX-4CAGL	7.0	7.0	7.0	3.7	3.3	7.3	7.0	6.0	4.3	3.7	6.0
PST-2DR9	7.3	7.0	6.7	4.7	3.0	6.7	7.0	6.3	4.0	2.7	6.0
RAD-PR62	7.3	6.7	6.0	3.7	3.0	7.0	7.0	6.3	3.3	3.3	6.0
SRX-4RHD	7.7	7.3	7.0	4.0	3.0	7.7	8.0	7.0	4.7	4.0	6.0
A-35	7.0	6.7	6.3	4.0	2.7	7.3	7.3	6.7	3.3	3.3	5.9
BAR LP 10970	7.7	8.0	6.0	4.0	3.0	7.3	7.7	6.3	4.0	3.0	5.9
CL 11601	7.0	7.0	6.3	4.7	3.3	7.3	7.0	7.0	6.3	4.0	5.9
DLF LGT 4182	7.3	7.0	6.3	3.0	2.7	7.0	7.0	6.7	3.0	3.3	5.9
IS-PR 463	7.3	6.7	7.0	4.7	3.7	7.0	7.0	7.0	5.0	3.7	5.9
JR-192	7.0	7.3	6.7	4.3	3.0	7.0	7.0	6.7	4.7	3.3	5.9
DLF LGD-3026	8.0	7.7	6.7	4.0	4.0	7.3	7.3	7.0	4.3	4.3	5.8
ISG-30	6.3	6.0	6.0	4.0	3.3	7.0	7.0	6.7	3.3	3.3	5.8
PST-2BNS	7.3	7.3	5.7	4.3	3.3	6.7	6.7	6.0	3.7	3.0	5.7
IS-PR 479	7.0	6.7	6.3	3.3	3.0	7.3	7.3	7.0	3.0	3.3	5.6
LINN	7.0	7.0	7.0	4.0	4.0	7.3	7.0	6.3	5.3	5.0	5.2
LSD VALUE	2.0	0.9	0.8	2.5	0.8	1.9	0.7	0.7	0.9	1.1	0.4
C.V. (%)	9.0	6.3	6.6	20.9	13.5	5.8	5.0	5.6	11.9	16.8	4.1

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/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT TUCSON (OVERSEEDING AT TUCSON COUNTRY CLUB), AZ 1/
2010-11 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	PERCENT	OVERSEEDING GRASS RATINGS IN FALL TRANSITION									
	OVERSEEDING GRASSES EARLY	%COVER	%COVER	QUALITY	COLOR OF OVERSEEDING GRASS IN WINTER				OVERSEEDING GRASS QUALITY IN WINTER		
NAME	ESTABLISHED	12/13/10	1/10/11	12/13/10	12/13/10	1/10/11	2/3/11	3/5/11	1/10/11	2/3/11	3/5/11
PICK 10401	38.3	83.3	96.0	6.7	6.7	6.7	6.7	6.3	7.3	7.7	8.3
PPG-PR 128	36.7	90.0	93.0	7.0	6.7	7.0	7.0	6.0	6.7	7.3	8.0
OCTANE	33.3	83.3	96.0	6.7	7.3	7.0	6.0	6.3	6.7	7.0	8.0
CL 307	30.0	81.7	93.7	5.0	6.3	6.3	6.0	6.0	6.7	7.0	6.7
SIDEWAYS (PSRX-S84)	36.7	86.7	96.3	6.7	6.3	6.3	6.0	5.7	7.0	7.7	8.7
CL 11601	43.3	88.3	94.7	7.0	6.3	5.7	5.7	5.3	7.3	7.0	8.0
IS-PR 487	36.7	73.3	93.0	6.0	5.7	6.3	7.0	6.3	6.3	6.3	6.7
PPG-PR 137	33.3	83.3	94.3	6.3	6.3	6.7	6.3	6.0	7.0	7.3	7.7
PPG-PR 142	33.3	86.7	93.0	7.0	6.7	7.3	6.3	6.3	6.7	6.7	7.0
IS-PR 492	36.7	80.0	90.0	5.7	6.3	6.0	6.0	5.3	6.7	6.3	7.3
ISG-31	30.0	83.3	94.7	6.3	7.7	7.3	8.0	7.7	7.0	7.0	7.7
PPG-PR 133	31.7	78.3	94.7	6.3	7.0	6.7	6.7	6.0	6.0	7.0	7.3
HAVEN (APR 2038)	40.0	83.3	97.7	6.7	7.0	6.3	5.7	5.7	7.3	7.0	7.0
SIENNA	40.0	80.0	92.3	7.0	6.7	6.0	5.7	6.3	6.0	6.0	7.3
2NJK	28.3	90.0	97.7	7.3	6.7	6.7	6.7	6.7	7.3	6.7	7.0
BAR LP 10972	31.7	80.0	93.0	6.0	6.3	6.7	6.0	5.7	6.3	6.3	6.0
PPG-PR 121	33.3	86.7	93.0	5.7	6.7	7.0	6.7	6.3	6.7	7.0	7.0
PST-2K9	31.7	83.3	91.7	6.3	7.0	7.0	5.7	5.7	6.0	6.3	7.0
RIO VISTA	38.3	80.0	90.0	6.3	6.7	6.7	6.0	5.7	6.3	6.0	7.0
INSIGHT	28.3	73.3	90.0	6.7	6.0	6.3	5.7	6.0	6.0	6.0	7.0
IS-PR 469	38.3	71.7	89.7	5.7	6.3	6.7	6.0	6.0	6.0	6.0	7.0
IS-PR 488	30.0	75.0	86.7	5.7	6.3	6.7	6.3	6.0	5.7	7.0	7.0
PPG-PR 136	35.0	76.7	91.3	5.7	6.0	6.7	5.7	6.3	5.7	6.3	7.7
PPG-PR 165	31.7	76.7	93.3	6.0	6.3	6.0	5.7	6.0	5.7	6.3	6.3
PRX-4GM1	43.3	81.7	93.0	6.3	7.0	6.7	6.3	6.3	6.7	5.7	7.0
PST-2MAGS	38.3	78.3	91.3	6.0	6.7	6.0	5.7	6.0	6.0	6.0	6.3
PST-2MG7	30.0	78.3	93.0	5.7	7.0	6.7	6.3	7.0	6.0	6.7	6.3
CS-20	20.0	88.3	93.0	6.0	7.7	8.3	7.7	7.3	7.0	7.0	6.7
LTP-PR 135	33.3	76.7	91.7	6.0	6.3	7.3	6.3	6.3	6.7	6.7	6.7
SRX-4RHD	26.7	80.0	93.3	5.7	7.0	7.0	6.0	6.3	5.7	6.3	7.0
MACH I	30.0	85.0	97.7	6.0	6.3	7.3	7.3	7.0	7.0	7.7	7.7
PPG-PR 164	28.3	76.7	93.3	5.7	7.3	7.7	7.3	6.7	6.7	7.0	6.7
PST-2TQL	20.0	81.7	94.7	5.7	6.7	6.7	6.7	6.3	6.7	7.0	7.3
APR 2036	30.0	78.3	86.7	5.7	7.0	7.0	4.7	6.0	6.0	5.7	6.0
CST	21.7	73.3	94.7	5.0	7.0	6.7	6.3	6.0	6.3	6.3	7.7
DLF LGD-3022	28.3	85.0	93.0	6.7	7.3	6.7	6.7	6.0	6.3	5.7	7.0
IS-PR 489	21.7	76.7	91.7	5.7	7.0	6.0	5.3	5.3	6.3	6.0	6.7
P02	23.3	83.3	90.0	6.0	7.0	7.0	6.7	6.0	6.7	7.7	7.0
PPG-PR 143	36.7	80.0	94.3	6.0	6.3	6.7	6.0	6.0	6.3	7.0	7.0
PST-2DR9	23.3	73.3	90.0	5.0	6.7	7.3	6.3	6.3	6.0	6.0	6.7
RAD-PR55R	21.7	70.0	88.3	6.0	8.0	7.3	6.7	6.7	5.7	5.7	7.3
PANGEA GLR (CL 11701)	33.3	76.7	86.3	5.7	6.7	7.3	5.7	6.0	5.7	6.3	6.3
PPG-PR 134	35.0	66.7	86.3	5.3	7.0	6.7	6.0	6.0	6.0	6.3	6.7
RINOVO	38.3	71.7	90.0	5.7	7.0	6.3	7.0	6.3	6.0	5.3	6.0
GO-G37	26.7	68.3	91.3	5.3	8.0	8.0	7.7	7.7	5.7	5.7	7.0
IS-PR 463	30.0	83.3	90.0	6.3	7.0	6.3	6.0	5.7	6.3	5.7	6.0
LTP-RAE	21.7	66.7	91.7	5.3	7.0	7.0	6.0	6.0	5.7	6.0	6.3

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT TUCSON (OVERSEEDING AT TUCSON COUNTRY CLUB), AZ 1/
2010-11 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PERCENT OVERSEEDING GRASSES EARLY ESTABLISHED	OVERSEEDING GRASS RATINGS IN FALL TRANSITION %COVER 12/13/10	%COVER 1/10/11	QUALITY 12/13/10	COLOR OF OVERSEEDING GRASS IN WINTER 12/13/10	1/10/11	2/3/11	3/5/11	OVERSEEDING GRASS QUALITY IN WINTER 1/10/11	2/3/11	3/5/11
PIZZAZZ 2 GLR (PR 909)	40.0	81.7	96.3	6.7	6.3	6.0	6.3	6.0	6.3	6.3	6.3
UNO	26.7	81.7	91.7	6.3	6.7	6.3	6.3	6.3	6.7	7.0	6.7
SOX FAN (GM3)	26.7	78.3	93.0	5.7	6.7	7.0	6.3	6.0	6.7	6.7	7.0
GO-DHS	21.7	63.3	81.3	4.7	8.0	7.7	6.7	6.3	6.0	5.7	6.3
IS-PR 409	25.0	76.7	88.3	5.3	6.7	7.0	6.3	6.7	6.3	6.0	6.7
IS-PR 491	21.7	76.7	86.7	5.7	7.0	7.7	6.7	6.7	5.7	5.3	6.0
ALLANTE	31.7	80.0	91.7	6.0	6.3	6.7	6.3	5.3	6.0	6.3	6.7
APR 2445	18.3	70.0	91.7	5.3	6.7	7.0	7.0	6.3	6.3	6.0	6.0
BAR LP 10970	30.0	83.3	91.3	6.3	7.3	7.3	6.0	6.0	6.3	5.7	6.0
BRIGHTSTAR SLT	30.0	76.7	91.0	6.0	6.3	6.0	5.0	5.3	6.0	5.7	5.7
GO-PR60	25.0	78.3	92.3	6.0	7.0	7.0	6.7	6.0	6.3	5.3	6.0
IS-PR 479	26.7	65.0	88.3	5.7	7.0	7.3	7.3	6.7	5.7	5.7	6.3
PINNACLE	40.0	80.0	93.0	6.3	5.7	5.3	4.7	4.7	6.3	6.7	7.0
SR 4650 (PSRX-3701)	31.7	75.0	85.0	5.7	7.3	7.0	6.3	6.3	5.7	5.3	5.7
APR 2320	21.7	71.7	90.0	5.7	7.0	6.7	5.7	6.3	5.3	5.3	5.7
BAR LP 7608	36.7	68.3	85.0	5.3	5.7	5.0	5.3	5.7	5.3	5.3	5.7
PPG-PR 140	23.3	75.0	83.3	5.3	7.0	6.3	6.0	5.7	5.7	6.3	6.0
PSRX-4CAGL	30.0	75.0	88.0	6.3	7.3	7.7	6.7	6.7	6.0	5.3	6.0
BAR LP 10969	23.3	75.0	85.0	6.0	6.3	5.7	5.3	6.0	5.3	4.7	5.7
BONNEVILLE	21.7	71.7	85.0	5.0	7.3	6.3	5.7	6.3	6.0	6.3	6.0
JR-178	25.0	61.7	85.0	5.0	7.0	6.7	6.3	6.0	5.0	5.7	5.7
PST-2ACR	26.7	71.7	83.3	6.0	7.0	6.3	5.3	5.3	5.3	5.0	5.3
PST-2NKM	26.7	70.0	88.3	5.0	6.7	6.0	6.0	6.0	6.0	5.3	5.3
CS-PR66	28.3	76.7	88.3	6.0	7.0	6.7	5.7	6.0	5.7	5.3	5.3
PST-204D	23.3	66.7	83.3	4.7	6.7	7.0	5.7	6.0	4.7	4.7	4.7
DOMINATOR (PST-2AG4)	30.0	71.7	90.0	6.0	7.3	6.3	6.3	5.7	6.0	5.3	5.7
ISG-30	31.7	78.3	88.0	5.3	7.3	8.0	7.7	8.0	6.0	5.3	5.7
FIESTA 4	33.3	70.0	85.0	5.7	7.3	6.7	6.0	5.3	5.7	5.0	5.3
PALMER V	30.0	70.0	93.3	6.0	6.0	6.0	6.7	5.7	6.3	6.0	6.0
PST-2BNS	30.0	66.7	80.0	5.7	6.3	6.0	4.7	5.3	5.3	4.7	4.7
DLF LGD-3026	23.3	65.0	81.7	5.0	7.0	6.7	6.0	6.3	5.3	5.0	5.3
PICK 4DFHM	28.3	68.3	83.3	5.7	6.7	6.0	6.0	5.7	5.3	5.0	5.7
PPG-PR 138	23.3	71.7	83.3	4.7	6.7	7.0	5.7	5.3	5.3	5.3	6.3
ISG-36	16.7	55.0	81.7	4.3	7.3	7.3	5.7	7.0	5.3	5.3	4.7
JR-192	25.0	56.7	75.0	4.3	6.7	7.0	5.0	6.0	4.7	4.3	5.3
S85	21.7	56.7	76.7	4.3	8.0	6.7	6.0	5.7	4.3	4.3	4.7
SRX-4MSH	23.3	60.0	83.3	4.7	6.3	6.0	6.0	5.7	4.7	5.3	4.7
A-35	25.0	63.3	75.0	4.3	8.0	7.7	7.7	7.3	4.7	4.3	4.7
RAD-PR62	20.0	48.3	73.3	3.7	6.3	6.0	4.3	5.3	4.7	4.3	4.3
LINN	31.7	55.0	78.3	4.7	4.3	4.3	4.7	4.0	4.0	3.7	4.0
DLF LGT 4182	20.0	36.7	60.0	3.3	5.7	7.0	4.0	5.0	3.0	3.0	3.0
LSD VALUE	22.8	31.4	16.5	3.5	2.1	1.5	2.0	1.5	2.6	4.3	3.4
C.V. (%)	30.2	17.3	8.8	19.9	12.2	11.4	15.4	12.5	17.7	23.6	22.0

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/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 600 LBS./ACRE.

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT TUCSON (OVERSEEDING AT TUCSON COUNTRY CLUB), AZ 1/
2010-11 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	COLOR RATINGS OF THE OVERALL PLOT IN SPRING					QUALITY RATINGS OF THE OVERALL PLOT IN SPRING					OVERALL PLOT IN SPRING DENSITY	UNIFORMITY
NAME	4/11/11	5/16/11	6/6/11	6/13/11	7/5/11	4/11/11	5/16/11	6/6/11	6/13/11	7/5/11	6/13/11	4/11/11
PICK 10401	6.0	6.3	6.7	6.7	7.0	7.7	7.7	7.3	7.3	6.7	7.7	7.7
PPG-PR 128	6.0	6.0	6.3	6.0	5.7	7.7	7.7	6.7	8.0	7.3	8.3	7.3
OCTANE	6.7	6.3	6.7	6.7	7.0	7.7	7.3	7.0	7.7	7.3	8.0	8.0
CL 307	7.0	6.7	7.0	6.7	6.7	7.3	7.7	8.0	8.7	7.3	9.0	7.3
SIDEWAYS (PSRX-S84)	6.0	5.7	6.0	6.0	5.7	7.3	5.7	7.0	7.7	6.7	7.3	7.3
CL 11601	6.0	5.7	5.3	5.0	5.3	7.3	7.0	6.3	6.3	6.7	7.3	7.3
IS-PR 487	6.7	6.3	6.0	5.7	6.0	7.7	7.0	7.7	8.0	7.3	8.3	8.0
PPG-PR 137	6.0	5.7	6.3	7.0	6.7	6.7	7.0	7.0	7.0	6.7	7.7	7.0
PPG-PR 142	6.0	7.0	7.0	6.7	6.3	6.7	7.3	7.0	7.3	7.0	7.7	7.0
IS-PR 492	7.3	6.0	6.0	6.3	5.7	7.0	7.0	7.7	8.3	6.3	9.0	7.3
ISG-31	8.0	8.3	7.0	7.0	6.3	6.7	6.7	7.0	7.3	6.3	7.3	7.0
PPG-PR 133	6.7	7.0	6.7	6.3	6.3	7.3	6.7	7.3	8.0	5.7	7.7	7.0
HAVEN (APR 2038)	6.0	6.7	6.0	5.7	5.0	7.0	7.0	6.7	7.0	5.3	7.0	6.0
SIENNA	5.7	5.7	5.3	5.3	4.3	6.3	8.0	7.3	8.3	4.7	8.3	7.0
2NJK	6.0	6.0	6.0	6.0	6.7	6.0	6.3	6.7	6.3	6.7	7.0	6.3
BAR LP 10972	6.7	6.7	6.7	6.0	6.0	6.7	6.7	7.0	8.0	7.0	8.7	6.0
PPG-PR 121	6.3	6.7	7.0	6.0	6.7	7.7	7.0	6.0	6.7	6.3	7.0	6.7
PST-2K9	6.0	6.3	5.7	6.0	6.0	7.0	7.0	6.7	6.7	7.0	7.0	7.0
RIO VISTA	6.3	6.7	6.7	6.7	4.7	6.7	7.3	8.0	7.3	5.3	7.7	7.3
INSIGHT	6.3	6.0	5.7	6.3	4.3	7.0	7.7	7.3	7.0	4.3	7.0	6.0
IS-PR 469	7.3	7.3	8.0	7.7	6.7	7.3	7.3	7.3	6.7	6.0	7.7	7.0
IS-PR 488	6.3	6.7	6.3	6.7	5.0	6.7	7.3	7.3	7.3	5.7	8.0	6.7
PPG-PR 136	6.3	7.7	7.0	6.7	6.3	7.3	7.3	7.0	6.7	6.0	8.3	7.0
PPG-PR 165	6.3	6.7	7.0	6.3	6.7	7.0	6.7	7.0	7.3	6.7	7.7	7.3
PRX-4GM1	6.7	7.3	6.7	6.3	6.3	6.3	6.7	7.0	7.3	6.3	8.0	6.3
PST-2MAGS	6.7	6.7	7.0	6.3	5.7	6.7	7.7	7.0	8.0	5.7	8.7	6.7
PST-2MG7	7.0	7.3	7.3	7.3	7.3	6.3	6.7	6.7	7.3	7.3	7.3	6.7
CS-20	7.3	8.7	8.7	8.3	7.7	6.0	7.0	6.0	6.0	6.7	7.7	6.0
LTP-PR 135	6.3	6.7	6.7	6.3	5.0	7.0	6.3	7.0	6.7	5.7	7.0	6.7
SRX-4RHD	6.3	7.0	7.0	6.0	6.0	6.3	6.7	6.7	7.3	7.0	7.7	6.7
MACH I	7.7	8.3	7.0	7.0	3.0	7.7	7.0	5.7	5.7	3.0	6.0	6.7
PPG-PR 164	7.0	6.7	6.7	6.3	6.3	7.0	6.3	6.0	6.3	6.0	7.7	7.7
PST-2TQL	6.3	7.0	7.7	6.3	6.3	7.0	6.0	6.0	6.7	5.3	7.0	6.7
APR 2036	7.0	7.0	7.3	5.7	5.3	6.3	6.7	7.0	6.7	6.3	6.7	6.0
CST	6.3	6.3	6.7	6.3	6.3	6.3	6.3	6.7	6.3	5.7	7.7	6.7
DLF LGD-3022	6.7	7.3	7.0	7.0	6.0	6.0	6.0	6.3	7.0	5.7	7.3	6.7
IS-PR 489	5.7	6.0	5.7	6.0	6.0	6.7	6.0	6.0	6.3	7.0	7.0	7.3
P02	6.7	7.0	7.0	6.7	5.7	6.0	6.0	6.0	5.7	5.3	6.7	6.0
PPG-PR 143	6.7	7.0	7.0	6.7	7.3	6.3	6.0	6.0	6.3	6.0	7.0	7.0
PST-2DR9	6.3	6.7	6.7	6.7	5.7	6.0	6.7	7.3	7.0	6.0	7.0	6.7
RAD-PR55R	8.0	8.7	8.3	8.0	6.7	7.0	6.3	6.3	7.0	5.3	7.3	6.7
PANGEA GLR (CL 11701)	6.3	6.0	6.7	7.0	6.7	6.7	6.3	6.3	6.7	5.7	7.0	7.3
PPG-PR 134	4.7	6.7	6.3	6.7	6.3	6.3	6.3	6.3	6.3	6.3	7.3	6.3
RINOVO	6.7	6.7	6.7	6.7	5.3	6.7	6.7	7.3	6.7	5.3	8.3	7.0
GO-G37	8.3	8.7	8.3	7.7	7.0	6.7	6.0	6.0	7.0	6.0	7.3	6.7
IS-PR 463	6.7	6.7	7.0	6.3	6.0	5.7	6.3	5.7	6.0	6.7	7.3	6.0
LTP-RAE	5.7	6.7	6.7	6.3	6.3	6.7	5.3	6.7	7.0	5.7	7.3	6.3

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT TUCSON (OVERSEEDING AT TUCSON COUNTRY CLUB), AZ 1/
2010-11 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	COLOR RATINGS OF THE OVERALL PLOT IN SPRING					QUALITY RATINGS OF THE OVERALL PLOT IN SPRING					OVERALL PLOT IN SPRING	
											DENSITY	UNIFORMITY
NAME	4/11/11	5/16/11	6/6/11	6/13/11	7/5/11	4/11/11	5/16/11	6/6/11	6/13/11	7/5/11	6/13/11	4/11/11
PIZZAZZ 2 GLR (PR 909)	6.3	6.7	6.3	5.7	4.7	6.3	6.3	6.3	6.0	4.3	7.0	6.7
UNO	6.7	6.3	6.3	6.0	5.7	5.7	6.7	6.0	5.3	4.7	6.7	6.7
SOX FAN (GM3)	6.3	6.3	6.0	5.7	3.3	6.7	6.3	6.0	5.7	3.3	6.0	6.0
GO-DHS	8.3	7.7	8.0	7.7	8.0	6.0	6.0	6.0	7.3	6.3	7.7	6.0
IS-PR 409	7.0	7.0	7.0	6.7	4.7	7.3	6.0	6.0	6.0	4.7	7.0	6.7
IS-PR 491	6.7	7.3	8.0	7.3	6.7	6.0	6.0	6.0	7.0	6.7	8.0	5.7
ALLANTE	6.3	6.0	5.3	5.3	2.0	7.3	7.0	5.0	6.7	2.3	6.3	7.3
APR 2445	7.3	7.3	7.0	7.3	7.3	6.0	5.3	5.7	6.7	6.0	6.7	6.0
BAR LP 10970	7.7	7.3	6.7	7.0	4.3	6.0	6.0	5.7	6.3	4.3	6.3	6.3
BRIGHTSTAR SLT	5.0	5.3	6.3	5.0	4.7	6.7	6.3	6.0	5.7	4.7	6.7	6.7
GO-PR60	7.0	7.3	7.7	6.7	6.0	6.0	7.0	6.0	6.0	4.7	6.7	6.7
IS-PR 479	7.3	8.0	7.7	7.3	5.3	6.7	6.0	6.3	6.3	4.7	7.0	6.3
PINNACLE	4.7	4.7	4.7	4.7	3.0	6.3	6.0	5.7	5.3	3.7	6.0	6.0
SR 4650 (PSRX-3701)	6.7	6.3	7.7	6.3	6.3	6.3	6.3	6.3	6.3	5.7	8.0	6.3
APR 2320	7.3	7.3	7.3	7.0	6.7	5.7	6.0	6.0	6.3	6.0	6.7	6.0
BAR LP 7608	6.0	6.0	5.7	5.3	5.3	5.7	6.7	6.3	6.0	5.7	7.7	6.0
PPG-PR 140	6.7	6.0	5.7	6.0	4.7	6.3	6.3	6.0	5.7	4.3	6.0	7.0
PSRX-4CAGL	7.7	7.3	6.7	6.3	4.7	6.3	7.0	5.7	5.7	4.0	6.3	6.0
BAR LP 10969	5.3	5.3	6.3	5.3	4.7	5.7	6.0	6.7	6.7	5.0	7.3	5.7
BONNEVILLE	7.0	5.7	6.0	6.3	6.0	6.3	5.3	5.7	5.7	5.3	6.3	6.3
JR-178	7.0	6.3	6.7	6.0	6.0	6.0	5.3	6.7	6.3	5.3	6.7	6.3
PST-2ACR	6.3	6.7	6.3	6.3	5.7	5.7	6.3	5.7	6.7	5.0	7.0	6.3
PST-2NKM	6.3	5.7	6.0	6.0	4.7	5.7	6.3	6.0	6.7	5.3	7.3	5.7
CS-PR66	6.7	7.0	6.7	6.3	4.7	5.7	6.3	5.7	6.0	4.3	6.0	6.0
PST-204D	6.3	6.3	7.0	6.3	5.3	6.0	6.7	6.3	6.7	6.0	7.7	6.3
DOMINATOR (PST-2AG4)	6.3	7.3	5.7	5.7	3.7	6.3	6.3	6.0	5.3	3.7	6.0	6.0
ISG-30	9.0	8.0	7.3	7.0	4.7	6.3	5.7	6.0	5.0	4.0	5.3	6.3
FIESTA 4	7.7	7.3	7.3	5.7	1.7	6.0	7.3	6.3	5.7	2.0	6.3	6.0
PALMER V	7.3	6.3	5.7	5.7	2.3	6.3	5.7	4.7	5.0	2.3	4.3	6.3
PST-2BNS	5.7	6.3	5.7	5.7	5.0	5.0	6.3	5.7	5.7	5.7	7.0	5.0
DLF LGD-3026	7.7	8.3	7.7	6.3	4.7	6.0	6.0	5.7	5.7	3.7	6.0	6.3
PICK 4DFHM	6.7	6.0	5.7	5.7	4.3	5.7	4.7	5.3	5.3	4.3	5.3	6.0
PPG-PR 138	7.0	6.7	6.3	5.7	4.3	5.7	5.7	5.0	5.0	4.0	6.0	6.0
ISG-36	8.7	8.3	8.7	8.0	4.7	5.0	6.3	5.7	5.3	4.0	6.3	6.0
JR-192	6.3	6.3	6.0	6.0	5.7	5.3	5.3	5.3	6.0	5.7	6.0	5.7
S85	6.3	7.0	7.0	6.7	6.0	5.3	5.0	6.0	6.3	5.7	6.7	5.3
SRX-4MSH	6.7	5.7	6.0	6.0	5.0	6.0	4.7	5.3	6.0	4.3	5.7	5.3
A-35	7.7	8.3	7.3	7.7	5.0	5.0	5.0	5.7	5.7	5.7	5.3	5.7
RAD-PR62	6.3	6.0	6.7	6.3	5.7	5.3	5.0	5.0	5.3	5.0	5.3	5.0
LINN	4.0	3.3	5.7	3.3	3.0	4.7	4.0	4.3	4.3	3.0	4.7	3.7
DLF LGT 4182	8.0	7.0	7.7	7.3	4.3	3.7	5.7	5.0	4.3	4.3	5.3	3.7
LSD VALUE	1.3	1.4	1.5	1.2	2.1	2.8	2.6	2.3	2.7	2.6	3.0	2.5
C.V. (%)	11.9	12.1	12.5	11.4	22.0	16.7	16.5	15.9	18.2	25.2	18.1	16.0

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/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 600 LBS./ACRE.

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT TUCSON (OVERSEEDING AT TUCSON COUNTRY CLUB), AZ 1/
2010-11 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PERCENT OVERSEEDING GRASS IN SPRING 4/11/11	5/1611	6/6/11	GENETIC COLOR	LEAF TEXTURE	QUALITY MEAN
PICK 10401	97.7	94.7	93.0	6.0	6.7	7.4
PPG-PR 128	97.7	91.7	86.0	6.0	7.0	7.4
OCTANE	94.7	94.0	86.7	6.3	6.0	7.3
CL 307	94.7	97.3	96.7	7.0	6.3	7.1
SIDEWAYS (PSRX-S84)	97.7	93.0	86.3	5.7	6.7	7.1
CL 11601	97.7	90.0	89.0	5.7	7.7	7.0
IS-PR 487	99.0	96.3	91.3	6.0	6.7	7.0
PPG-PR 137	96.0	88.0	79.7	6.3	6.7	7.0
PPG-PR 142	94.7	91.0	91.3	7.0	6.7	7.0
IS-PR 492	99.0	95.7	94.0	6.7	6.3	6.9
ISG-31	97.7	91.3	89.0	7.7	6.3	6.9
PPG-PR 133	96.3	90.7	86.7	6.7	6.0	6.9
HAVEN (APR 2038)	94.7	93.0	86.3	6.3	5.0	6.8
SIENNA	99.0	92.7	94.0	5.7	7.3	6.8
2NJK	96.3	94.0	92.7	6.0	4.7	6.7
BAR LP 10972	97.7	94.0	91.3	6.7	6.0	6.7
PPG-PR 121	97.7	91.7	83.7	6.7	6.7	6.7
PST-2K9	96.3	85.7	76.7	6.0	6.0	6.7
RIO VISTA	97.7	96.0	93.7	6.7	6.7	6.7
INSIGHT	96.3	91.3	91.3	6.0	6.7	6.6
IS-PR 469	96.0	96.3	94.7	7.3	6.3	6.6
IS-PR 488	94.7	91.7	92.0	6.3	6.7	6.6
PPG-PR 136	99.0	93.0	89.7	7.3	6.3	6.6
PPG-PR 165	97.7	91.3	83.0	6.7	6.7	6.6
PRX-4GM1	94.7	89.0	83.0	6.7	5.7	6.6
PST-2MAGS	97.7	95.7	94.7	6.7	6.0	6.6
PST-2MG7	96.3	87.7	83.0	7.3	6.3	6.6
CS-20	94.7	88.3	85.0	8.3	6.3	6.5
LTP-PR 135	97.7	88.3	91.3	6.7	6.7	6.5
SRX-4RHD	94.3	90.0	80.0	6.7	6.0	6.5
MACH I	94.7	92.7	87.7	7.7	6.0	6.4
PPG-PR 164	94.7	87.3	84.3	7.0	6.3	6.4
PST-2TQL	96.0	88.3	78.7	7.0	4.7	6.4
APR 2036	94.3	92.3	88.3	7.0	6.3	6.3
CST	92.7	86.7	76.7	6.3	5.0	6.3
DLF LGD-3022	97.7	80.0	82.3	7.0	6.0	6.3
IS-PR 489	94.7	84.3	83.3	6.0	6.3	6.3
P02	97.7	83.0	73.3	6.7	5.3	6.3
PPG-PR 143	96.3	80.7	73.3	7.0	6.3	6.3
PST-2DR9	94.7	89.0	87.0	6.7	6.3	6.3
RAD-PR55R	93.0	88.3	79.7	8.3	5.3	6.3
PANGEA GLR (CL 11701)	94.7	79.7	76.7	6.3	6.0	6.2
PPG-PR 134	93.0	89.7	87.7	5.7	6.7	6.2
RINOVO	93.3	97.0	95.3	6.7	6.0	6.2
GO-G37	94.7	88.3	84.0	8.7	6.0	6.1
IS-PR 463	99.0	77.7	80.0	6.7	5.7	6.1
LTP-RAE	96.3	83.3	80.0	6.3	6.0	6.1

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT TUCSON (OVERSEEDING AT TUCSON COUNTRY CLUB), AZ 1/
2010-11 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PERCENT OVERSEEDING GRASS IN SPRING 4/11/11	5/1611	6/6/11	GENETIC COLOR	LEAF TEXTURE	QUALITY MEAN
PIZZAZZ 2 GLR (PR 909)	96.0	93.0	87.7	6.3	5.7	6.1
UNO	96.0	83.3	82.3	6.3	6.3	6.1
SOX FAN (GM3)	94.7	87.7	81.7	6.3	6.7	6.0
GO-DHS	94.7	93.7	87.7	8.0	5.0	6.0
IS-PR 409	94.7	88.3	78.3	7.0	6.3	6.0
IS-PR 491	96.0	88.3	84.0	7.3	5.3	6.0
ALLANTE	94.7	94.3	92.0	5.7	6.7	5.9
APR 2445	97.7	86.3	76.7	7.3	6.0	5.9
BAR LP 10970	97.7	91.3	89.7	7.3	5.7	5.9
BRIGHTSTAR SLT	94.3	89.0	85.0	5.7	6.3	5.9
GO-PR60	96.0	90.7	86.0	7.3	6.3	5.9
IS-PR 479	96.0	85.3	86.3	7.3	6.0	5.9
PINNACLE	94.7	93.0	78.7	4.7	5.0	5.9
SR 4650 (PSRX-3701)	96.3	87.3	78.3	6.7	6.3	5.9
APR 2320	92.7	86.0	83.7	7.0	5.3	5.8
BAR LP 7608	91.3	86.7	80.0	6.0	6.0	5.8
PPG-PR 140	97.7	95.0	86.3	6.0	6.3	5.8
PSRX-4CAGL	94.7	93.0	88.0	7.3	6.3	5.8
BAR LP 10969	93.0	90.7	86.7	5.7	5.3	5.7
BONNEVILLE	86.7	78.3	75.7	6.3	5.7	5.7
JR-178	96.0	92.0	92.3	6.3	6.0	5.7
PST-2ACR	96.0	89.7	83.7	6.3	5.3	5.7
PST-2NKM	99.0	89.7	94.3	6.0	4.7	5.7
CS-PR66	98.7	94.7	92.0	6.7	6.0	5.6
PST-204D	97.7	88.0	87.3	6.3	6.0	5.6
DOMINATOR (PST-2AG4)	94.7	81.3	72.3	6.3	5.3	5.6
ISG-30	97.7	93.7	90.0	8.3	6.3	5.5
FIESTA 4	93.3	95.7	91.7	7.7	7.0	5.4
PALMER V	97.7	91.3	80.3	6.7	6.0	5.4
PST-2BNS	90.0	84.7	75.3	6.0	6.0	5.4
DLF LGD-3026	91.0	78.0	74.7	7.7	4.7	5.3
PICK 4DFHM	89.7	73.3	83.0	6.0	6.0	5.2
PPG-PR 138	93.3	85.0	81.7	6.7	6.3	5.2
ISG-36	94.7	87.3	79.3	8.7	4.0	5.1
JR-192	88.3	80.0	73.3	6.3	6.3	5.1
S85	88.3	78.0	81.3	6.7	6.3	5.1
SRX-4MSH	93.0	89.7	88.0	6.0	6.3	5.1
A-35	96.0	87.3	90.7	7.7	6.3	5.0
RAD-PR62	83.3	68.3	73.3	6.3	6.3	4.7
LINN	94.7	84.7	83.0	4.7	3.3	4.1
DLF LGT 4182	86.7	73.3	68.3	7.7	4.7	3.9
LSD VALUE	12.9	25.2	48.7	1.1	1.6	1.7
C.V. (%)	4.6	9.7	13.2	10.0	13.7	13.4

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/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 600 LBS./ACRE.

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT RIVERSIDE, CA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SEEDLING VIGOR	QUALITY RATINGS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ISG-36	7.0	8.0	6.7	8.0	8.0	8.0	7.7	6.7	8.0	8.0	8.0	8.0	8.0	7.8
CS-20	6.7	7.7	7.0	7.3	8.0	8.0	6.7	6.3	7.7	8.0	7.3	8.0	8.0	7.5
ISG-30	7.0	7.7	7.3	8.0	8.0	7.7	6.3	6.3	7.7	8.0	7.3	8.0	7.7	7.5
GO-G37	6.7	7.3	7.0	7.3	8.0	7.7	6.3	6.3	7.7	8.0	7.0	8.0	7.7	7.4
ISG-31	6.7	7.3	6.3	8.0	8.0	8.0	6.0	6.3	7.3	8.0	7.7	8.0	7.7	7.4
CS-PR66	6.3	7.0	6.3	7.3	7.3	7.3	7.3	6.7	7.7	7.7	6.7	7.3	7.3	7.2
PPG-PR 140	6.3	7.0	7.7	7.3	7.0	7.0	7.0	6.7	7.0	7.0	7.0	7.0	7.0	7.1
DOMINATOR (PST-2AG4)	7.0	7.7	8.0	7.0	7.0	7.0	7.3	6.3	7.3	7.0	6.7	7.0	7.0	7.1
S85	6.0	7.0	6.7	7.0	7.0	7.3	7.7	6.3	7.3	7.0	7.3	7.3	7.3	7.1
A-35	6.3	7.0	5.3	6.3	8.0	8.0	6.0	6.3	8.0	8.0	6.3	7.0	7.3	7.0
APR 2445	6.3	7.3	6.7	6.3	7.0	7.0	7.0	7.0	7.3	7.0	7.0	7.3	7.0	7.0
PANGEA GLR (CL 11701)	6.3	7.0	6.3	7.0	7.0	7.0	7.7	6.7	7.0	7.0	7.0	7.0	7.3	7.0
DLF LGD-3026	6.3	7.7	7.0	7.0	7.3	8.0	6.7	6.0	6.3	7.0	7.0	7.0	7.0	7.0
GO-PR60	6.0	7.3	6.7	6.7	7.3	7.3	6.3	6.7	7.0	7.7	7.3	7.0	7.0	7.0
IS-PR 463	7.0	7.7	7.0	6.3	7.3	7.0	7.0	6.7	7.0	7.0	7.3	7.0	7.0	7.0
IS-PR 491	6.0	7.7	7.0	6.7	7.0	7.0	7.3	6.3	7.0	7.0	7.0	7.0	7.0	7.0
JR-178	7.0	7.3	6.7	6.7	7.0	7.0	6.7	7.0	7.3	7.0	7.0	7.0	7.0	7.0
PICK 10401	6.3	7.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.0	7.0
PPG-PR 121	6.3	7.3	7.0	6.7	7.0	7.0	7.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0
PPG-PR 138	6.7	7.3	7.3	7.3	7.0	7.0	6.7	6.0	7.0	7.0	7.0	7.3	7.0	7.0
PST-2MG7	6.7	7.3	7.0	7.0	7.0	7.0	7.0	6.7	6.7	7.0	7.0	7.0	7.0	7.0
CST	6.7	7.0	6.3	6.7	7.0	7.0	7.3	6.0	7.0	7.0	7.0	7.0	7.0	6.9
SOX FAN (GM3)	7.0	7.7	7.0	7.3	7.0	7.0	6.3	6.0	6.3	7.0	7.0	7.0	7.7	6.9
IS-PR 492	6.5	7.7	6.7	7.0	7.0	7.0	7.0	6.3	6.3	7.0	7.0	6.7	6.7	6.9
JR-192	6.7	7.3	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.7	6.7	6.0	6.9
PPG-PR 134	6.3	7.0	6.3	6.3	7.0	7.0	7.3	6.3	7.0	7.0	7.0	7.0	7.0	6.9
PPG-PR 136	6.3	7.7	6.3	7.0	7.0	7.0	7.0	6.0	6.7	7.0	7.3	7.0	7.0	6.9
PPG-PR 164	6.3	7.7	6.7	6.7	7.0	7.0	6.7	6.3	6.7	7.0	7.3	7.3	7.0	6.9
SR 4650 (PSRX-3701)	6.3	7.0	6.7	6.7	7.0	7.0	7.0	6.3	7.0	7.0	7.3	7.0	7.0	6.9
PST-2BNS	6.0	7.3	6.0	7.0	7.0	7.0	7.0	6.3	7.0	7.0	7.0	7.0	7.0	6.9
PST-2K9	6.0	7.3	7.0	7.0	7.0	7.0	6.7	6.7	7.0	7.0	7.0	7.0	6.7	6.9
BAR LP 10970	6.3	7.0	6.3	7.0	6.7	7.0	6.3	6.7	7.0	7.0	7.0	6.7	6.3	6.8
CL 11601	6.7	7.0	6.7	6.7	6.7	7.0	6.7	6.3	6.3	7.0	7.0	7.0	6.7	6.8
GO-DHS	6.7	7.0	6.3	7.3	8.0	8.0	5.0	6.0	6.7	8.0	6.7	6.7	6.3	6.8
INSIGHT	6.3	7.0	6.3	6.3	7.0	7.0	7.0	6.0	6.7	7.0	7.0	7.0	6.7	6.8
IS-PR 479	6.0	6.3	4.7	6.3	7.7	7.7	6.3	6.3	7.0	7.7	7.7	7.0	6.7	6.8
LTP-PR 135	6.3	7.3	6.7	6.7	6.7	7.0	7.0	6.3	6.7	7.0	7.0	6.7	7.0	6.8
LTP-RAE	6.3	6.3	6.0	6.3	7.0	7.0	7.0	6.3	7.0	7.0	7.0	7.0	7.0	6.8
P02	6.3	7.0	6.7	7.0	7.0	7.0	6.7	6.3	7.0	7.0	6.7	6.7	6.7	6.8
PALMER V	7.0	8.0	7.3	7.0	7.0	7.0	5.7	5.0	6.3	7.0	6.7	7.0	7.0	6.8
PPG-PR 133	6.0	7.0	6.0	7.0	7.0	7.0	7.0	6.3	6.7	7.0	7.0	7.0	7.0	6.8
PPG-PR 137	6.3	7.3	7.0	6.7	7.0	7.0	7.0	6.0	6.3	6.7	7.0	7.0	7.0	6.8
PPG-PR 142	6.0	6.7	6.3	6.3	7.0	7.0	7.0	6.0	6.7	7.0	7.0	7.0	7.3	6.8
PRX-4GM1	6.0	7.3	6.3	7.0	7.0	7.0	6.0	6.0	6.7	7.0	7.0	7.0	7.0	6.8
PST-2MAGS	6.3	7.3	6.7	6.7	7.0	7.0	7.0	6.0	6.7	7.0	7.0	7.0	6.7	6.8
RINOVO	6.3	6.3	6.3	6.3	7.0	6.7	6.7	6.3	7.3	7.0	7.0	7.0	7.0	6.8
BAR LP 10969	6.7	7.0	6.0	6.7	7.0	7.0	6.0	6.7	7.0	7.0	6.7	7.0	6.0	6.7

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT RIVERSIDE, CA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SEEDLING VIGOR	QUALITY RATINGS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
CL 307	6.0	6.3	6.7	6.0	7.0	6.7	6.7	5.7	6.7	7.0	7.0	7.0	7.3	6.7
FIESTA 4	5.7	6.0	5.3	5.7	7.0	7.3	6.3	6.0	7.0	7.3	7.3	7.7	7.0	6.7
IS-PR 487	6.0	6.7	5.7	6.0	7.0	7.0	7.0	6.3	7.0	7.0	7.0	7.0	7.0	6.7
PPG-PR 128	6.3	6.7	6.3	6.7	7.0	6.7	7.0	6.0	6.3	7.0	7.0	7.0	7.0	6.7
PPG-PR 143	6.0	6.0	6.0	5.7	7.0	7.0	7.0	6.3	7.0	7.0	7.0	7.0	7.0	6.7
PST-204D	6.7	7.0	6.7	6.3	7.0	7.0	6.7	6.7	6.7	7.0	6.3	6.7	6.7	6.7
RAD-PR55R	4.7	6.0	5.0	5.3	7.7	6.3	6.7	6.3	7.3	8.0	7.0	7.3	7.0	6.7
SRX-4MSH	6.0	6.7	5.7	6.7	7.0	7.0	7.0	6.0	6.7	7.0	7.0	7.0	7.0	6.7
ALLANTE	6.3	6.3	6.3	6.0	7.0	7.0	7.0	5.7	6.0	7.0	7.0	7.0	6.7	6.6
DLF LGD-3022	6.7	6.3	6.0	6.0	7.0	7.0	6.7	6.0	7.0	7.0	7.0	7.0	6.7	6.6
IS-PR 488	6.0	7.0	6.0	6.0	6.7	7.0	7.0	6.0	6.3	6.7	7.0	7.0	6.7	6.6
SIDEWAYS (PSRX-S84)	6.0	6.3	6.0	6.0	7.0	7.0	7.0	6.0	6.3	7.0	6.7	7.0	7.0	6.6
PST-2ACR	6.3	7.0	6.0	6.3	6.7	7.0	6.0	5.7	6.7	6.7	7.0	7.0	6.7	6.6
PST-2DR9	6.7	7.0	6.7	6.7	7.0	7.0	6.7	6.0	6.3	7.0	6.7	6.3	6.3	6.6
2NJK	6.3	7.0	6.0	6.3	7.0	7.0	7.0	6.3	6.7	7.0	6.3	6.0	5.7	6.5
APR 2320	6.3	6.7	6.0	5.7	7.0	7.0	7.0	6.0	6.0	7.0	6.7	6.7	6.3	6.5
PSRX-4CAGL	6.0	6.3	5.3	5.7	7.7	7.0	5.7	5.7	6.3	7.3	7.0	7.0	7.0	6.5
PST-2TQL	6.0	5.7	6.0	5.3	6.7	7.0	6.7	6.3	6.7	7.0	7.0	6.7	6.7	6.5
RIO VISTA	5.0	5.7	5.7	5.0	7.0	6.7	7.0	6.3	7.0	7.0	6.7	7.0	7.0	6.5
SRX-4RHD	5.7	5.7	5.3	6.0	7.0	6.7	6.7	6.7	7.0	7.0	7.0	6.7	6.7	6.5
APR 2036	6.0	5.3	4.7	6.0	7.0	6.7	6.7	6.0	7.0	7.3	7.0	7.0	6.7	6.4
HAVEN (APR 2038)	6.7	6.3	6.0	6.7	6.7	7.0	6.7	5.7	6.0	7.0	6.0	7.0	6.0	6.4
BAR LP 10972	6.3	6.0	5.7	5.7	7.0	7.0	6.3	6.3	6.7	7.0	6.3	6.7	6.0	6.4
BONNEVILLE	5.0	5.7	5.0	5.0	7.0	6.7	6.7	6.0	6.3	7.0	7.0	7.0	7.0	6.4
BRIGHTSTAR SLT	6.7	7.0	6.3	6.3	6.0	6.3	6.0	6.3	7.3	6.7	6.0	6.7	6.0	6.4
IS-PR 409	4.7	5.3	5.0	5.7	7.0	6.3	6.3	6.0	6.7	7.0	7.0	7.0	7.0	6.4
MACH I	6.0	5.3	5.0	5.3	7.7	7.3	5.7	5.7	6.7	7.7	7.0	7.0	7.0	6.4
PST-2NKM	6.0	6.0	5.3	6.3	6.7	6.7	6.3	6.3	7.0	6.7	6.3	6.7	6.3	6.4
SIENNA	6.0	5.7	5.3	5.3	7.0	6.7	7.0	5.7	6.7	7.0	7.0	7.0	7.0	6.4
IS-PR 489	6.0	5.3	5.0	5.7	7.0	7.0	6.3	5.7	6.0	6.7	7.0	7.0	7.0	6.3
PIZZAZZ 2 GLR (PR 909)	4.3	5.3	5.0	5.0	7.0	6.0	6.7	6.0	7.0	7.0	7.0	7.0	7.0	6.3
UNO	4.7	5.7	4.7	5.0	6.7	6.3	6.3	6.0	7.0	7.0	7.0	7.0	6.7	6.3
BAR LP 7608	6.3	6.0	6.3	6.3	6.7	6.0	6.0	6.0	6.3	6.7	6.3	5.7	6.0	6.2
DLF LGT 4182	6.7	6.0	5.0	5.7	8.0	7.0	5.7	5.3	6.7	7.0	6.0	6.0	6.3	6.2
IS-PR 469	4.3	4.0	3.7	4.7	7.3	6.0	6.7	6.3	7.0	7.3	7.0	7.3	7.3	6.2
OCTANE	5.3	4.7	4.7	5.0	7.0	6.7	6.7	6.0	6.3	7.0	6.7	7.0	7.0	6.2
PPG-PR 165	4.3	5.3	4.0	4.3	7.0	6.0	7.0	6.0	6.3	7.0	7.0	7.0	7.0	6.2
RAD-PR62	5.3	5.0	5.0	5.0	6.7	7.0	6.0	6.0	7.0	7.0	6.7	6.7	6.7	6.2
PICK 4DFHM	4.7	4.3	4.0	5.0	7.0	7.0	6.0	5.7	6.3	7.0	6.3	7.0	7.0	6.1
PINNACLE	5.3	4.7	4.3	4.3	6.0	6.0	5.7	5.7	5.7	6.0	6.0	6.3	5.7	5.5
LINN	8.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.3	5.0	5.1
LSD VALUE	4.1	5.1	4.6	3.5	0.4	0.8	0.9	1.0	0.8	0.4	0.6	0.6	0.7	0.7
C.V. (%)	17.7	21.5	22.7	19.2	3.9	6.4	7.7	7.8	7.0	3.4	5.0	5.3	6.3	5.7

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 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT RIVERSIDE (TRAFFIC STUDY), CA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	PERCENT COVER IN SEPTEMBER			PERCENT COVER IN OCTOBER			PERCENT COVER IN NOVEMBER			QUALITY RATINGS					
NAME	STRAW	BARE SOIL	GREEN	STRAW	BARE SOIL	GREEN	STRAW	BARE SOIL	GREEN	AUG	SEP	OCT	NOV	DEC	MEAN
PICK 10401	15.0	20.0	65.0	5.0	65.0	30.0	5	53.3	41.7	7.0	4.3	3.0	3.0	3.0	4.1
A-35	20.0	20.0	60.0	5.0	78.3	16.7	5	65.0	30.0	8.0	4.3	2.0	2.7	3.0	4.0
GO-G37	20.0	23.3	56.7	5.0	70.0	25.0	5	53.3	41.7	7.7	3.7	2.7	3.0	3.0	4.0
IS-PR 463	21.7	20.0	58.3	5.0	70.0	25.0	5	66.7	28.3	7.0	3.7	2.7	3.0	3.7	4.0
IS-PR 491	18.3	16.7	65.0	5.0	71.7	23.3	5	53.3	41.7	7.0	4.0	2.3	3.3	3.3	4.0
ISG-36	20.0	28.3	51.7	5.0	71.7	23.3	5	56.7	38.3	8.0	3.7	2.7	3.0	2.7	4.0
JR-192	20.0	20.0	60.0	5.0	66.7	28.3	5	55.0	40.0	7.0	4.3	2.7	3.0	3.0	4.0
PST-204D	18.3	20.0	61.7	5.0	68.3	26.7	5	50.0	45.0	6.7	4.3	2.7	3.0	3.3	4.0
PST-2MG7	21.7	18.3	60.0	5.0	73.3	21.7	4	60.0	36.0	6.7	4.0	2.3	3.7	3.3	4.0
S85	18.3	28.3	53.3	5.7	65.0	29.3	5	56.7	38.3	7.3	3.7	3.0	3.0	3.0	4.0
2NJK	23.3	15.0	61.7	5.0	70.0	25.0	5	53.3	41.7	6.7	4.0	2.7	3.0	3.0	3.9
PANGEA GLR (CL 11701)	20.0	25.0	55.0	5.0	71.7	23.3	5	60.0	35.0	7.0	3.7	2.7	3.0	3.0	3.9
CS-PR66	20.0	23.3	56.7	5.0	75.0	20.0	5	60.0	35.0	7.7	3.7	2.3	3.0	3.0	3.9
GO-PR60	21.7	20.0	58.3	5.0	71.7	23.3	5	63.3	31.7	7.0	4.0	2.7	2.7	3.0	3.9
PST-2BNS	21.7	20.0	58.3	5.0	71.7	23.3	5	56.7	38.3	7.0	4.0	2.3	3.0	3.3	3.9
SRX-4MSH	18.3	18.3	63.3	5.0	71.7	23.3	5	56.7	38.3	6.7	4.3	2.3	2.7	3.3	3.9
PST-2NKM	21.7	25.0	53.3	5.0	70.0	25.0	5	56.7	38.3	7.0	3.7	2.3	3.0	3.0	3.8
RINOVO	23.3	30.0	46.7	5.0	71.7	23.3	5	66.7	28.3	7.3	3.3	2.7	2.7	3.0	3.8
BAR LP 10970	21.7	26.7	51.7	5.0	75.0	20.0	5	61.7	33.3	7.0	3.7	2.3	2.7	3.0	3.7
BAR LP 10972	18.3	23.3	58.3	5.0	70.0	25.0	5	63.3	31.7	6.7	3.3	2.7	2.7	3.0	3.7
BONNEVILLE	23.3	20.0	56.7	5.0	70.0	25.0	5	63.3	31.7	6.3	3.7	2.7	2.7	3.0	3.7
BRIGHTSTAR SLT	21.7	28.3	50.0	5.0	76.7	18.3	5	60.0	35.0	7.3	3.7	2.0	2.7	3.0	3.7
DLF LGD-3022	23.3	31.7	45.0	5.0	75.0	20.0	5	56.7	38.3	7.0	3.7	2.0	3.0	3.0	3.7
FIESTA 4	16.7	26.7	56.7	5.0	71.7	23.3	5	60.0	35.0	7.0	3.7	2.3	2.7	3.0	3.7
SOX FAN (GM3)	18.3	25.0	56.7	5.0	73.3	21.7	5	63.3	31.7	6.3	3.7	2.7	2.7	3.0	3.7
IS-PR 469	23.3	21.7	55.0	5.0	71.7	23.3	5	63.3	31.7	7.0	3.7	2.3	2.7	3.0	3.7
IS-PR 479	23.3	18.3	58.3	5.0	52.7	42.3	5	66.7	28.3	7.0	3.7	2.3	2.7	3.0	3.7
ISG-31	18.3	40.0	41.7	5.0	76.7	18.3	5	66.7	28.3	7.3	3.7	2.3	2.7	2.7	3.7
MACH I	23.3	20.0	56.7	5.0	75.0	20.0	5	68.3	26.7	6.7	4.0	2.3	2.3	3.0	3.7
PPG-PR 140	21.7	30.0	48.3	5.0	70.0	25.0	5	60.0	35.0	7.0	3.3	2.7	2.7	2.7	3.7
SR 4650 (PSRX-3701)	18.3	31.7	50.0	5.0	75.0	20.0	5	66.7	28.3	7.0	3.7	3.0	2.3	2.7	3.7
PSRX-4CAGL	20.0	20.0	60.0	5.0	71.7	23.3	5	60.0	35.0	6.3	4.0	2.7	2.7	3.0	3.7
PST-2K9	21.7	25.0	53.3	5.0	76.7	18.3	5	66.7	28.3	7.0	3.7	2.3	2.7	2.7	3.7
APR 2445	20.0	30.0	50.0	5.0	76.7	18.3	5	66.7	28.3	7.3	3.7	2.0	2.3	2.7	3.6
CL 307	23.3	33.3	43.3	5.0	75.0	20.0	5	63.3	31.7	6.7	3.3	2.3	2.7	3.0	3.6
IS-PR 487	23.3	23.3	53.3	5.0	76.7	18.3	5	66.7	28.3	7.0	3.7	2.3	2.7	2.3	3.6
IS-PR 488	30.0	20.0	50.0	5.0	75.0	20.0	5	63.3	31.7	6.3	3.7	2.3	2.7	3.0	3.6
JR-178	18.3	33.3	48.3	5.0	76.7	18.3	5	70.0	25.0	7.3	3.7	2.3	2.3	2.3	3.6
OCTANE	25.0	21.7	53.3	5.0	73.3	21.7	5	60.0	35.0	6.3	3.7	2.3	2.7	3.0	3.6
PPG-PR 142	23.3	30.0	46.7	5.0	75.0	20.0	5	63.3	31.7	6.7	3.7	2.3	2.7	2.7	3.6
DOMINATOR (PST-2AG4)	21.7	31.7	46.7	5.0	75.0	20.0	5	58.3	36.7	7.3	3.3	2.3	2.3	2.7	3.6
CS-20	20.0	40.0	40.0	5.0	76.7	18.3	5	73.3	21.7	7.7	3.0	2.3	2.3	2.3	3.5
CST	26.7	28.3	45.0	5.0	75.0	20.0	5	70.0	25.0	7.0	3.3	2.3	2.3	2.3	3.5
GO-DHS	23.3	26.7	50.0	5.7	76.7	17.7	5	66.7	28.3	6.7	3.7	2.0	2.3	3.0	3.5
IS-PR 492	23.3	25.0	51.7	5.0	76.7	18.3	5	70.0	25.0	6.3	3.7	2.3	2.3	2.7	3.5
ISG-30	26.7	30.0	43.3	5.0	76.7	18.3	5	73.3	21.7	7.7	3.3	2.0	2.0	2.7	3.5
PALMER V	30.0	25.0	45.0	5.0	73.3	21.7	5	63.3	31.7	6.3	3.3	2.3	2.7	2.7	3.5

TABLE 4. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT RIVERSIDE (TRAFFIC STUDY), CA 1/

2011 DATA

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

	PERCENT COVER IN SEPTEMBER			PERCENT COVER IN OCTOBER			PERCENT COVER IN NOVEMBER			QUALITY RATINGS					
NAME	STRAW	BARE SOIL	GREEN	STRAW	BARE SOIL	GREEN	STRAW	BARE SOIL	GREEN	AUG	SEP	OCT	NOV	DEC	MEAN
PPG-PR 138	23.3	38.3	38.3	5.0	75.0	20.0	5.0	46.0	49.0	7.0	3.0	2.3	2.3	2.7	3.5
PPG-PR 143	28.3	36.7	35.0	5.0	78.3	16.7	5.0	63.3	31.7	7.0	3.0	2.0	2.7	3.0	3.5
PRX-4GM1	16.7	28.3	55.0	5.0	78.3	16.7	5.0	70.0	25.0	6.7	3.7	2.0	2.3	3.0	3.5
SIDEWAYS (PSRX-S84)	23.3	28.3	48.3	5.0	75.0	20.0	5.0	63.3	31.7	6.3	3.7	2.7	2.3	2.7	3.5
PST-2DR9	21.7	28.3	50.0	5.0	76.7	18.3	5.0	66.7	28.3	6.3	3.3	2.3	2.7	2.7	3.5
PST-2MAGS	26.7	31.7	41.7	5.0	78.3	16.7	5.0	70.0	25.0	6.7	3.3	2.3	2.3	2.7	3.5
PST-2TQL	21.7	30.0	48.3	5.0	78.3	16.7	5.0	70.0	25.0	6.7	3.3	2.3	2.3	3.0	3.5
RAD-PR62	23.3	31.7	45.0	5.0	81.7	13.3	5.0	78.3	16.7	7.0	3.7	2.0	2.0	2.7	3.5
SRX-4RHD	21.7	30.0	48.3	5.0	78.3	16.7	3.3	71.7	25.0	7.0	3.3	2.3	2.3	2.7	3.5
UNO	23.3	33.3	43.3	5.0	76.7	18.3	5.0	68.3	26.7	7.0	3.0	2.3	2.7	2.7	3.5
LTP-RAE	23.3	36.7	40.0	5.0	75.0	20.0	5.0	75.0	20.0	7.0	3.0	2.3	2.3	2.3	3.4
P02	23.3	33.3	43.3	5.0	80.0	15.0	5.0	66.7	28.3	7.0	3.3	2.0	2.3	2.3	3.4
PICK 4DFHM	25.0	20.0	55.0	5.0	75.0	20.0	5.0	63.3	31.7	6.3	3.7	2.0	2.0	3.0	3.4
PPG-PR 133	25.0	35.0	40.0	5.0	80.0	15.0	5.0	75.0	20.0	6.7	3.3	2.3	2.3	2.3	3.4
PPG-PR 136	21.7	36.7	41.7	5.0	78.3	16.7	5.0	75.0	20.0	6.7	3.3	2.3	2.3	2.3	3.4
PST-2ACR	25.0	33.3	41.7	5.7	76.7	17.7	5.3	71.7	23.0	6.7	3.0	2.3	2.3	2.7	3.4
RAD-PR55R	21.7	35.0	43.3	5.0	81.7	13.3	5.0	78.3	16.7	7.3	3.0	2.0	2.3	2.3	3.4
ALLANTE	23.3	41.7	35.0	5.0	76.7	18.3	5.0	68.3	26.7	6.0	3.0	2.3	2.7	2.3	3.3
APR 2036	26.7	31.7	41.7	5.0	80.0	15.0	5.0	76.7	18.3	7.0	3.3	2.0	2.0	2.3	3.3
APR 2320	25.0	28.3	46.7	5.0	76.7	18.3	5.0	75.0	20.0	6.0	3.7	2.0	2.0	2.7	3.3
BAR LP 10969	21.7	38.3	40.0	5.0	81.7	13.3	5.0	76.7	18.3	7.0	3.0	2.0	2.0	2.3	3.3
BAR LP 7608	21.7	31.7	46.7	5.0	80.0	15.0	5.0	60.0	35.0	6.3	3.3	2.0	2.3	2.7	3.3
INSIGHT	25.0	35.0	40.0	5.0	76.7	18.3	5.0	76.7	18.3	6.7	3.0	2.3	2.0	2.3	3.3
IS-PR 489	30.0	21.7	48.3	5.0	76.7	18.3	5.0	66.7	28.3	6.0	3.3	2.0	2.3	3.0	3.3
PPG-PR 121	26.7	40.0	33.3	5.0	83.3	11.7	5.0	78.3	16.7	7.0	3.0	2.0	2.0	2.3	3.3
PPG-PR 128	25.0	31.7	43.3	5.0	80.0	15.0	5.0	70.0	25.0	6.3	3.3	2.0	2.3	2.7	3.3
PPG-PR 134	23.3	36.7	40.0	5.0	80.0	15.0	5.0	76.7	18.3	7.0	3.0	2.3	2.0	2.3	3.3
PPG-PR 137	26.7	36.7	36.7	5.0	73.3	21.7	5.0	53.7	41.3	6.3	3.0	2.3	2.3	2.7	3.3
PPG-PR 164	21.7	41.7	36.7	5.0	78.3	16.7	5.0	75.0	20.0	6.7	3.0	2.3	2.0	2.7	3.3
RIO VISTA	25.0	36.7	38.3	5.0	83.3	11.7	5.0	65.0	30.0	7.0	3.0	2.0	2.0	2.3	3.3
HAVEN (APR 2038)	28.3	35.0	36.7	5.0	80.0	15.0	5.0	76.7	18.3	6.0	3.0	2.3	2.0	2.7	3.2
DLF LGT 4182	38.3	25.0	36.7	5.0	83.3	11.7	5.0	81.7	13.3	6.7	2.7	2.0	2.0	2.7	3.2
IS-PR 409	25.0	36.7	38.3	5.0	80.0	15.0	5.0	78.3	16.7	6.7	3.0	2.0	2.0	2.3	3.2
LTP-PR 135	21.7	46.7	31.7	5.0	85.0	10.0	5.0	78.3	16.7	6.7	2.7	2.0	2.0	2.0	3.1
PPG-PR 165	20.0	38.3	41.7	5.0	81.7	13.3	5.0	80.0	15.0	6.3	3.0	2.0	2.0	2.3	3.1
PIZZAZZ 2 GLR (PR 909)	18.3	53.3	28.3	5.0	86.7	8.3	5.0	81.7	13.3	7.0	2.3	2.0	2.0	2.0	3.1
SIENNA	25.0	45.0	30.0	5.0	85.0	10.0	5.0	80.0	15.0	6.7	2.7	2.0	2.0	2.3	3.1
CL 11601	20.0	50.0	30.0	5.0	81.7	13.3	5.0	75.0	20.0	6.3	2.7	2.0	2.0	2.0	3.0
DLF LGD-3026	25.0	43.3	31.7	5.0	83.3	11.7	5.0	81.7	13.3	6.3	2.7	2.0	1.7	2.0	2.9
PINNACLE	23.3	36.7	40.0	5.0	84.3	10.7	5.0	76.7	18.3	5.7	3.0	1.7	1.7	1.7	2.7
LINN	26.7	55.0	18.3	4.3	92.0	3.7	4.3	87.7	8.0	5.0	2.0	1.3	1.3	1.3	2.2
LSD VALUE	13.6	19.8	21.1	1.0	31.4	32.2	1.6	47.3	47.2	0.8	1.5	1.6	1.8	1.2	0.7
C.V. (%)	22.2	33.3	23.1	4.8	11.6	46.4	7.7	20.4	48.5	7.0	18.2	20.5	24.8	19.4	10.6

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/ TRAFFIC IS APPLIED USING A BRINKMANN TRAFFIC SIMULATOR TO APPROXIMATE 60 FOOTBALL GAMES OVER A TEN WEEK PERIOD IN FALL.

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT GAINESVILLE (OVERSEEDING AT UNIVERSITY OF FLORIDA G. C.), FL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	PERCENT COVER OF BERMUDAGRASS IN FALL				PERCENT COVER OF OVERSEEDING GRASS				QUALITY IN FALL	
NAME	11/8/10	11/18/10	11/29/10	12/10/10	11/8/10	11/18/10	11/29/10	12/10/10	11/12/10	11/29/10
PPG-PR 134	99	70.0	41.7	33.3	5.7	30.0	58.3	66.7	8.0	8.0
IS-PR 489	99	70.0	43.3	33.3	7.3	30.0	56.7	66.7	7.3	8.0
MACH I	99	78.3	50.0	31.7	10.7	21.7	50.0	68.3	6.7	7.0
BAR LP 10972	99	76.7	46.7	30.0	6.7	23.3	53.3	70.0	7.3	8.0
BONNEVILLE	99	75.0	41.7	33.3	6.3	25.0	58.3	66.7	7.3	7.0
IS-PR 491	99	75.0	53.3	33.3	5.7	25.0	46.7	66.7	6.7	7.3
PICK 10401	99	71.7	43.3	38.3	11.7	28.3	56.7	61.7	7.3	7.7
PST-2BNS	99	76.7	41.7	36.7	10.0	23.3	58.3	63.3	7.7	7.7
RAD-PR55R	99	75.0	46.7	31.7	10.7	25.0	53.3	68.3	6.7	7.3
RAD-PR62	99	76.7	46.7	33.3	5.7	23.3	53.3	66.7	6.7	7.0
SRX-4MSH	99	75.0	45.0	35.0	14.0	25.0	55.0	65.0	6.7	7.3
A-35	99	66.7	43.3	35.0	7.3	33.3	56.7	65.0	7.3	7.3
BAR LP 10969	99	70.0	45.0	30.0	7.3	30.0	55.0	70.0	7.3	7.7
BAR LP 10970	99	75.0	48.3	36.7	9.0	25.0	51.7	63.3	7.0	7.3
PALMER V	99	61.7	40.0	38.3	16.7	38.3	60.0	61.7	7.0	7.0
PPG-PR 133	99	70.0	45.0	30.0	12.3	30.0	55.0	70.0	7.3	7.3
PPG-PR 140	99	76.7	43.3	33.3	6.7	23.3	56.7	66.7	7.3	7.3
PRX-4GM1	99	71.7	48.3	31.7	12.3	28.3	51.7	68.3	6.7	7.3
SIENNA	99	80.0	45.0	30.0	15.7	20.0	55.0	70.0	7.3	8.0
ALLANTE	99	73.3	48.3	43.3	6.7	26.7	51.7	56.7	7.7	7.7
APR 2320	99	83.3	50.0	33.3	6.3	16.7	50.0	66.7	7.0	7.0
CL 307	99	78.3	50.0	38.3	10.0	21.7	50.0	61.7	8.0	7.7
CS-20	99	73.3	45.0	36.7	6.7	26.7	55.0	63.3	6.7	7.3
DLF LGD-3026	99	73.3	48.3	38.3	10.0	26.7	51.7	61.7	7.3	7.7
FIESTA 4	99	76.7	43.3	43.3	8.0	23.3	56.7	56.7	7.0	7.0
SOX FAN (GM3)	99	71.7	46.7	33.3	10.0	28.3	53.3	66.7	6.7	6.7
GO-G37	99	78.3	50.0	33.3	5.7	21.7	50.0	66.7	6.7	7.0
INSIGHT	99	68.3	43.3	35.0	10.0	31.7	56.7	65.0	7.7	7.7
IS-PR 409	99	68.3	40.0	36.7	12.3	31.7	60.0	63.3	7.7	7.3
IS-PR 479	99	78.3	50.0	36.7	5.0	21.7	50.0	63.3	7.0	7.3
IS-PR 487	99	75.0	48.3	40.0	12.3	25.0	51.7	60.0	7.3	7.0
IS-PR 488	99	71.7	55.0	36.7	5.0	28.3	45.0	63.3	7.0	7.7
IS-PR 492	99	70.0	48.3	33.3	8.0	30.0	51.7	66.7	6.7	7.3
ISG-30	99	73.3	48.3	45.0	15.0	26.7	51.7	55.0	7.7	7.7
LTP-PR 135	99	73.3	41.7	43.3	8.3	26.7	58.3	56.7	8.0	8.0
PICK 4DFHM	99	75.0	41.7	33.3	13.3	25.0	58.3	66.7	7.3	7.0
PPG-PR 136	99	76.7	43.3	43.3	8.3	23.3	56.7	56.7	7.0	7.7
PPG-PR 138	99	78.3	45.0	38.3	6.7	21.7	55.0	61.7	7.7	8.0
PPG-PR 142	99	80.0	50.0	46.7	6.3	20.0	50.0	53.3	6.7	7.0
PSRX-4CAGL	99	80.0	51.7	35.0	5.7	20.0	48.3	65.0	6.3	6.7
PST-2K9	99	80.0	48.3	36.7	7.3	20.0	51.7	63.3	7.0	7.3
RIO VISTA	99	71.7	46.7	45.0	11.7	28.3	53.3	55.0	7.7	7.3
UNO	99	70.0	43.3	35.0	13.3	30.0	56.7	65.0	7.3	7.3
APR 2036	99	73.3	45.0	43.3	9.7	26.7	55.0	56.7	7.3	7.7
CS-PR66	99	73.3	46.7	35.0	6.3	26.7	53.3	65.0	7.3	7.3
GO-DHS	99	81.7	50.0	36.7	11.7	18.3	50.0	63.3	7.0	6.7
IS-PR 469	99	80.0	50.0	30.0	7.3	20.0	50.0	70.0	7.0	7.0

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT GAINESVILLE (OVERSEEDING AT UNIVERSITY OF FLORIDA G. C.), FL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	PERCENT COVER OF BERMUDAGRASS IN FALL				PERCENT COVER OF OVERSEEDING GRASS				QUALITY IN FALL	
NAME	11/8/10	11/18/10	11/29/10	12/10/10	11/8/10	11/18/10	11/29/10	12/10/10	11/12/10	11/29/10
ISG-31	99	76.7	41.7	35.0	6.7	23.3	58.3	65.0	7.3	7.3
JR-178	99	78.3	45.0	36.7	8.3	21.7	55.0	63.3	7.3	7.3
LTP-RAE	99	75.0	46.7	43.3	8.3	25.0	53.3	56.7	6.7	6.7
OCTANE	99	68.3	46.7	38.3	10.0	31.7	53.3	61.7	7.3	7.0
PINNACLE	99	71.7	48.3	36.7	10.0	28.3	51.7	63.3	7.3	7.0
PPG-PR 137	99	83.3	46.7	43.3	8.3	16.7	53.3	56.7	7.7	7.3
PPG-PR 165	99	70.0	45.0	43.3	10.7	30.0	55.0	56.7	7.3	7.7
SR 4650 (PSRX-3701)	99	73.3	45.0	43.3	10.7	26.7	55.0	56.7	7.0	7.0
SIDEWAYS (PSRX-S84)	99	76.7	46.7	36.7	6.7	23.3	53.3	63.3	7.3	7.7
PST-204D	99	73.3	41.7	43.3	13.3	26.7	58.3	56.7	7.7	8.0
PST-2MG7	99	76.7	55.0	46.7	5.0	23.3	45.0	53.3	7.3	7.0
PST-2NKM	99	65.0	50.0	36.7	13.3	35.0	50.0	63.3	7.7	7.3
APR 2445	99	75.0	51.7	50.0	6.7	25.0	48.3	50.0	7.3	7.3
BAR LP 7608	99	78.3	48.3	41.7	9.0	21.7	51.7	58.3	7.3	7.0
DLF LGD-3022	99	78.3	48.3	38.3	6.7	21.7	51.7	61.7	7.7	7.7
ISG-36	99	81.7	51.7	40.3	9.0	18.3	48.3	59.7	7.0	7.0
JR-192	99	81.7	58.3	51.7	5.0	18.3	41.7	48.3	6.3	6.7
PPG-PR 143	99	76.7	48.3	43.3	7.3	23.3	51.7	56.7	6.3	6.7
PPG-PR 164	99	78.3	45.0	48.3	8.3	21.7	55.0	51.7	7.0	7.3
PST-2ACR	99	73.3	45.0	40.0	9.0	26.7	55.0	60.0	6.7	7.0
PST-2DR9	99	73.3	43.3	36.7	8.0	26.7	56.7	63.3	7.0	7.0
2NJK	99	81.7	61.7	38.3	8.3	18.3	38.3	61.7	7.0	7.0
BRIGHTSTAR SLT	99	76.7	53.3	38.3	10.7	23.3	46.7	61.7	7.7	7.3
CL 11601	99	70.0	51.7	48.3	14.0	30.0	48.3	51.7	7.0	7.0
IS-PR 463	99	81.7	53.3	40.0	6.7	18.3	46.7	60.0	7.3	7.3
PPG-PR 121	99	71.7	48.3	48.3	8.0	28.3	51.7	51.7	6.7	7.0
PPG-PR 128	99	71.7	53.3	43.3	6.7	28.3	46.7	56.7	7.3	7.0
DOMINATOR (PST-2AG4)	99	78.3	51.7	45.0	5.7	21.7	48.3	55.0	7.3	6.7
PST-2MAGS	99	78.3	46.7	41.7	7.3	21.7	53.3	58.3	7.0	7.0
S85	99	73.3	50.0	45.0	5.7	26.7	50.0	55.0	7.0	6.7
PANGEA GLR (CL 11701)	99	73.3	50.0	48.3	6.7	26.7	50.0	51.7	7.3	8.0
CST	99	73.3	46.7	38.3	8.3	26.7	53.3	61.7	7.7	7.0
DLF LGT 4182	99	80.0	56.7	41.7	8.3	20.0	43.3	58.3	6.3	6.7
GO-PR60	99	83.3	51.7	43.3	6.7	16.7	48.3	56.7	7.0	7.0
PIZZAZZ 2 GLR (PR 909)	99	66.7	46.7	43.3	13.3	33.3	53.3	56.7	6.7	7.0
RINOVO	99	71.7	51.7	55.0	10.7	28.3	48.3	45.0	6.7	7.0
PO2	99	71.7	48.3	48.3	11.7	28.3	51.7	51.7	6.3	7.0
PST-2TQL	99	81.7	55.0	48.3	9.0	18.3	45.0	51.7	7.0	7.0
HAVEN (APR 2038)	99	75.0	55.0	51.7	7.3	25.0	45.0	48.3	7.0	7.0
SRX-4RHD	99	66.7	53.3	50.0	12.3	33.3	46.7	50.0	7.0	7.3
LINN	99	66.7	41.7	43.3	10.7	33.3	58.3	56.7	7.0	7.3
LSD VALUE	0	23.6	27.5	59.0	14.8	23.6	27.5	59.0	2.1	3.1
C.V. (%)	0	9.6	15.0	28.8	49.0	28.3	13.7	18.8	8.9	9.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT GAINESVILLE (OVERSEEDING AT UNIVERSITY OF FLORIDA G. C.), FL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	THE RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD											
	COLOR RATINGS			QUALITY RATINGS			DENSITY RATINGS			UNIFORMITY RATINGS		
NAME	12/10/10	12/23/10	1/19/11	12/10/10	12/23/10	1/19/11	12/10/10	12/23/10	1/19/11	12/10/10	12/23/10	1/19/11
PPG-PR 134	7.0	6.3	7.7	8.0	6.3	8.7	8.0	6.0	9.0	7.7	6.0	8.3
IS-PR 489	7.0	7.0	8.0	7.7	6.3	8.7	8.0	6.7	9.0	7.0	6.7	8.7
MACH I	7.7	8.0	9.0	8.0	7.7	8.7	8.0	7.7	9.0	7.3	7.7	8.0
BAR LP 10972	7.7	6.7	8.7	8.0	6.3	8.7	8.0	7.0	9.0	7.7	6.3	8.0
BONNEVILLE	7.3	7.7	8.7	8.0	7.0	8.7	7.7	7.3	9.0	7.7	7.0	9.0
IS-PR 491	7.3	7.7	9.0	7.3	7.0	9.0	7.7	7.3	9.0	7.0	7.0	8.3
PICK 10401	7.0	7.0	7.7	7.7	6.3	8.7	8.0	6.7	9.0	7.7	6.3	8.0
PST-2BNS	7.3	7.3	8.3	7.3	6.3	8.7	7.7	6.7	9.0	7.3	6.3	8.0
RAD-PR55R	7.7	7.7	8.3	7.7	7.3	9.0	7.7	7.0	9.0	7.7	7.0	8.3
RAD-PR62	7.3	8.0	8.3	7.7	7.3	9.0	8.0	7.0	9.0	7.7	7.0	7.7
SRX-4MSH	7.0	7.0	8.3	7.7	7.3	8.7	8.0	7.0	8.7	7.3	7.0	7.7
A-35	7.7	7.3	8.7	7.3	7.3	8.3	8.0	7.0	9.0	7.3	7.3	8.7
BAR LP 10969	7.0	6.3	8.3	7.3	6.0	8.7	7.7	6.3	9.0	7.3	6.3	8.0
BAR LP 10970	7.3	7.0	8.0	7.7	6.7	8.3	7.7	6.3	8.7	6.7	6.3	8.0
PALMER V	7.0	7.3	8.3	7.3	7.3	8.7	7.7	7.7	9.0	7.3	7.3	8.3
PPG-PR 133	6.3	6.0	8.0	7.3	6.0	8.3	7.7	6.3	9.0	6.7	6.0	8.3
PPG-PR 140	7.3	7.0	8.3	8.0	6.3	8.3	7.7	6.0	8.7	7.3	6.0	8.0
PRX-4GM1	7.7	7.3	8.3	7.3	7.3	8.7	8.0	7.3	9.0	7.7	7.3	8.3
SIENNA	7.0	6.7	8.7	7.7	5.7	8.7	7.7	6.3	9.0	7.0	6.3	8.7
ALLANTE	7.0	5.7	8.0	7.3	5.3	8.7	8.0	5.3	8.7	7.0	4.3	8.7
APR 2320	7.3	6.7	8.3	7.7	6.7	8.3	8.0	6.3	8.3	7.3	6.0	8.0
CL 307	6.7	5.0	7.3	7.7	5.3	8.3	8.0	5.0	8.7	7.0	4.3	8.0
CS-20	7.3	6.7	8.7	7.3	6.3	8.0	7.3	6.7	9.0	6.7	6.3	7.0
DLF LGD-3026	7.3	6.3	8.3	7.3	6.0	8.0	7.3	6.3	9.0	7.3	5.3	8.0
FIESTA 4	6.7	6.3	8.7	7.0	6.3	9.0	7.3	6.7	9.0	6.3	6.3	8.3
SOX FAN (GM3)	7.3	7.3	8.7	7.3	7.3	8.7	7.3	7.7	9.0	7.7	7.3	8.7
GO-G37	7.7	7.0	8.7	7.3	6.7	8.7	7.3	7.0	9.0	7.3	7.0	7.3
INSIGHT	7.3	7.0	8.3	7.7	7.0	8.7	8.0	7.0	9.0	7.3	6.7	8.7
IS-PR 409	7.0	7.0	7.7	7.7	6.0	8.3	8.0	6.7	9.0	7.7	6.7	8.0
IS-PR 479	7.3	7.0	8.7	7.7	6.7	8.3	8.0	7.0	8.7	7.3	6.3	8.0
IS-PR 487	6.7	6.7	8.3	7.0	6.0	9.0	7.7	6.3	9.0	6.3	5.7	8.3
IS-PR 488	7.0	6.3	8.0	7.3	6.3	8.7	8.0	6.3	9.0	7.3	5.7	7.7
IS-PR 492	7.0	7.3	8.7	7.0	6.7	9.0	7.3	7.7	9.0	6.7	7.3	8.3
ISG-30	7.3	6.7	8.7	7.3	6.3	7.7	8.0	6.3	8.7	7.0	5.7	7.3
LTP-PR 135	7.0	6.3	7.7	8.0	6.0	8.3	8.0	6.7	9.0	7.3	5.7	7.7
PICK 4DFHM	6.7	7.0	8.0	7.7	6.7	8.0	8.0	7.3	9.0	7.7	6.7	8.0
PPG-PR 136	6.7	6.0	8.0	7.7	6.0	8.0	8.0	6.0	8.7	6.7	5.7	7.7
PPG-PR 138	7.0	6.3	7.3	7.7	6.0	8.0	8.0	6.7	8.7	7.3	5.7	7.3
PPG-PR 142	6.7	7.0	9.0	7.3	6.7	9.0	7.0	6.7	9.0	6.3	6.3	8.7
PSRX-4CAGL	7.7	7.7	9.0	7.3	6.7	9.0	7.3	7.0	9.0	7.3	7.7	8.7
PST-2K9	7.0	6.7	7.7	7.3	6.3	9.0	7.7	6.0	9.0	6.7	5.7	8.7
RIO VISTA	6.0	6.3	8.0	7.3	6.0	8.0	8.0	6.3	9.0	6.7	6.0	8.0
UNO	6.7	7.0	8.7	7.3	6.7	8.7	7.3	6.7	9.0	7.0	6.7	8.3
APR 2036	7.3	6.7	8.3	7.0	5.7	8.3	8.3	6.0	9.0	7.7	5.7	8.0
CS-PR66	7.3	6.7	7.7	7.7	6.7	7.7	7.3	6.3	9.0	7.3	6.7	7.3
GO-DHS	7.7	7.3	9.0	7.3	7.0	8.3	8.0	7.0	9.0	7.3	7.3	7.7
IS-PR 469	7.3	6.3	8.0	7.7	6.3	8.7	7.7	6.3	9.0	7.3	6.3	8.0

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT GAINESVILLE (OVERSEEDING AT UNIVERSITY OF FLORIDA G. C.), FL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	THE RATINGS FOR OVERSEEDING GRASS IN WINTER PERIOD											
	COLOR RATINGS			QUALITY RATINGS			DENSITY RATINGS			UNIFORMITY RATINGS		
NAME	12/10/10	12/23/10	1/19/11	12/10/10	12/23/10	1/19/11	12/10/10	12/23/10	1/19/11	12/10/10	12/23/10	1/19/11
ISG-31	7.3	7.0	8.3	7.7	6.7	8.0	7.7	7.0	8.7	7.3	7.0	7.7
JR-178	7.0	6.0	7.7	7.3	6.0	8.0	7.7	5.7	8.7	7.3	5.7	7.7
LTP-RAE	7.0	6.3	7.7	7.0	6.3	8.3	7.0	6.3	8.3	6.7	6.0	8.7
OCTANE	6.7	7.0	7.7	7.3	6.7	8.0	7.7	7.3	8.7	7.3	6.7	7.3
PINNACLE	6.3	5.7	6.7	7.7	6.0	8.0	7.7	6.0	8.3	6.7	5.0	8.0
PPG-PR 137	6.7	6.3	7.7	7.7	6.3	7.7	7.7	6.3	8.0	7.3	5.7	7.3
PPG-PR 165	6.7	6.3	8.0	7.0	6.3	8.3	7.7	6.3	9.0	6.3	6.7	8.0
SR 4650 (PSRX-3701)	7.0	6.7	8.7	7.0	7.0	8.7	7.7	7.0	8.7	6.3	7.0	8.7
SIDEWAYS (PSRX-S84)	7.3	6.0	7.7	7.3	6.0	8.3	7.7	6.0	8.3	7.3	5.3	7.7
PST-204D	6.7	6.0	7.0	7.3	6.0	8.0	8.0	6.0	8.7	7.0	5.7	7.3
PST-2MG7	7.0	6.3	8.0	7.3	6.3	7.7	7.7	6.3	8.7	6.7	6.3	7.0
PST-2NKM	6.7	6.7	7.0	7.0	6.0	8.0	7.7	6.3	8.7	7.0	5.0	7.7
APR 2445	6.0	6.0	8.3	6.3	5.7	8.7	7.0	5.7	9.0	6.0	4.7	7.3
BAR LP 7608	6.7	6.0	7.0	7.7	6.0	8.0	8.0	6.0	8.3	7.3	5.3	8.0
DLF LGD-3022	7.0	6.0	7.3	7.3	5.3	7.3	7.7	5.0	8.3	7.0	5.0	7.3
ISG-36	7.3	6.7	8.0	7.0	6.3	8.3	7.7	6.7	8.7	6.7	6.3	8.0
JR-192	7.0	6.3	7.7	6.7	6.0	8.3	6.7	6.3	8.7	6.0	5.7	7.3
PPG-PR 143	6.3	7.0	8.7	6.7	6.7	9.0	6.7	6.0	9.0	6.0	6.0	8.7
PPG-PR 164	6.0	5.7	7.7	7.0	6.0	8.3	7.3	6.3	9.0	6.0	5.7	8.0
PST-2ACR	6.7	6.7	8.0	6.7	6.3	8.7	7.7	6.3	8.7	6.7	5.7	8.0
PST-2DR9	7.0	6.3	7.7	7.0	6.0	8.0	7.7	6.3	8.7	6.7	6.0	7.7
2NJK	6.7	6.0	7.7	7.3	6.0	8.0	7.7	5.3	8.0	6.7	5.3	7.7
BRIGHTSTAR SLT	6.7	6.0	7.3	7.3	5.7	8.7	7.7	5.7	8.7	7.3	5.3	8.0
CL 11601	6.0	6.3	7.3	6.3	5.3	8.0	6.7	6.0	8.7	6.3	4.7	7.7
IS-PR 463	6.3	5.3	7.0	7.3	5.3	8.0	8.0	5.3	8.0	7.0	4.7	7.3
PPG-PR 121	6.3	6.0	8.7	6.3	6.3	8.7	7.0	6.3	9.0	6.3	6.0	8.0
PPG-PR 128	6.3	5.7	8.0	6.7	5.7	8.7	7.3	6.0	9.0	6.7	5.7	8.0
DOMINATOR (PST-2AG4)	7.3	6.7	8.3	7.0	6.3	8.0	7.7	6.7	8.3	6.0	6.7	8.3
PST-2MAGS	7.0	6.0	8.7	7.0	5.7	9.0	7.3	5.3	9.0	6.3	5.7	8.3
S85	6.3	6.0	8.7	6.3	5.3	8.3	6.3	6.3	8.7	6.3	5.7	8.7
PANGEA GLR (CL 11701)	6.7	6.0	8.0	6.7	5.3	7.3	7.7	5.7	8.7	6.7	5.3	7.3
CST	6.3	5.3	7.3	7.0	5.0	7.7	7.3	5.0	8.7	6.7	5.0	7.3
DLF LGT 4182	7.0	6.7	7.3	7.0	6.3	7.7	7.7	6.0	8.3	6.3	6.0	6.7
GO-PR60	6.7	6.7	7.7	7.0	6.0	8.0	7.7	5.7	8.3	6.7	5.3	8.0
PIZZAZZ 2 GLR (PR 909)	6.7	6.7	8.7	6.7	6.0	8.7	7.0	6.3	8.7	6.7	5.3	8.3
RINOVO	5.7	6.3	8.3	6.3	6.0	8.3	6.3	6.0	8.7	6.3	5.7	8.0
P02	6.0	6.0	8.3	6.3	6.0	8.0	7.0	5.7	8.7	5.7	5.7	7.7
PST-2TQL	7.0	6.3	7.7	7.3	5.7	8.0	7.7	6.0	8.7	6.7	5.3	7.7
HAVEN (APR 2038)	6.0	5.0	8.3	6.0	5.0	8.0	7.0	5.3	8.7	6.0	5.0	7.3
SRX-4RHD	5.7	5.0	7.7	6.3	4.7	7.7	7.0	5.0	8.3	5.7	4.3	7.0
LINN	6.0	5.0	5.7	6.3	5.0	7.7	7.7	5.3	7.3	7.3	4.0	8.0
LSD VALUE	4.2	6.0	1.7	5.9	7.5	3.5	3.7	6.8	1.7	5.2	9.1	2.4
C.V. (%)	13.0	18.9	9.5	13.7	20.6	9.2	10.1	20.1	5.7	14.6	27.5	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.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT GAINESVILLE (OVERSEEDING AT UNIVERSITY OF FLORIDA G. C.), FL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

THE RATINGS FOR THE OVERALL PLOT IN SPRING/SUMMER TRANSITION PERIOD

NAME	COLOR RATINGS			QUALITY RATINGS			DENSITY RATINGS			UNIFORMITY RATINGS			QUALITY
	2/18/11	3/15/11	4/13/11	2/18/11	3/15/11	4/13/11	2/18/11	3/15/11	4/13/11	2/18/11	3/15/11	4/13/11	MEAN
PPG-PR 134	8.3	7.3	7.0	8.3	8.3	8.0	8.7	6.0	2.7	7.7	7.0	6.7	8.0
IS-PR 489	7.7	7.7	7.3	8.7	8.3	8.0	9.0	6.7	3.7	7.7	7.7	7.3	7.9
MACH I	8.7	8.0	7.7	8.7	8.3	8.0	8.7	7.0	3.7	7.7	7.3	7.0	7.9
BAR LP 10972	8.0	8.0	7.7	8.3	8.0	8.0	9.0	6.7	3.7	8.3	6.3	7.3	7.8
BONNEVILLE	7.3	7.7	7.3	8.0	8.0	8.0	8.7	7.0	3.3	8.3	7.0	7.0	7.8
IS-PR 491	8.3	8.0	7.7	8.7	8.3	8.0	9.0	7.7	4.0	8.0	7.7	7.3	7.8
PICK 10401	8.0	7.0	7.0	8.7	8.0	7.7	9.0	6.3	2.7	8.3	6.0	7.0	7.8
PST-2BNS	7.7	7.3	6.7	8.3	8.3	7.7	9.0	7.0	2.7	7.7	7.3	6.7	7.8
RAD-PR55R	8.3	8.0	8.0	8.7	8.0	7.7	9.0	8.0	3.7	7.7	6.7	6.7	7.8
RAD-PR62	8.0	7.7	8.0	8.7	8.0	8.0	8.7	7.0	3.3	7.7	7.3	7.0	7.8
SRX-4MSH	7.7	7.0	7.0	8.7	7.7	8.0	9.0	6.0	2.7	8.3	7.0	7.0	7.8
A-35	9.0	7.7	7.3	8.7	7.7	7.3	9.0	7.0	3.3	8.0	6.3	6.3	7.7
BAR LP 10969	7.3	7.7	7.7	8.7	8.0	8.0	9.0	6.3	4.0	8.0	6.7	7.0	7.7
BAR LP 10970	7.7	7.3	7.0	8.3	8.0	8.0	9.0	6.7	2.7	7.7	7.0	6.3	7.7
PALMER V	8.0	7.7	7.3	8.7	8.0	7.3	9.0	6.7	3.7	8.3	7.0	5.7	7.7
PPG-PR 133	7.7	7.0	7.3	8.7	8.3	8.0	9.0	6.0	3.7	7.7	7.0	6.3	7.7
PPG-PR 140	8.3	7.3	7.0	8.0	8.3	7.7	9.0	6.3	3.0	7.3	6.7	6.3	7.7
PRX-4GM1	8.3	7.7	7.3	8.7	7.7	8.0	9.0	6.7	3.3	8.3	7.3	7.0	7.7
SIENNA	7.7	8.0	7.3	8.0	8.3	8.0	9.0	7.0	3.3	8.0	7.0	7.0	7.7
ALLANTE	7.7	7.7	7.0	8.3	8.0	8.0	9.0	6.7	2.7	8.0	6.3	6.7	7.6
APR 2320	8.0	7.3	7.3	8.3	8.0	7.7	9.0	6.3	3.0	7.3	6.3	6.3	7.6
CL 307	8.0	7.3	6.7	8.3	8.0	7.7	9.0	5.7	2.7	8.3	7.0	6.7	7.6
CS-20	9.0	8.0	7.0	9.0	8.0	8.0	9.0	6.0	3.0	8.0	5.7	6.0	7.6
DLF LGD-3026	8.7	8.7	7.3	8.7	8.0	8.0	9.0	6.7	4.0	8.3	6.7	6.0	7.6
FIESTA 4	8.3	8.0	7.7	9.0	7.7	7.7	9.0	7.0	3.7	8.0	7.0	6.7	7.6
SOX FAN (GM3)	8.0	7.7	7.0	8.7	7.7	7.7	9.0	7.3	3.3	8.0	7.0	7.3	7.6
GO-G37	8.7	7.7	7.3	8.7	7.7	8.0	8.7	6.3	3.3	7.7	5.7	6.7	7.6
INSIGHT	7.3	6.7	6.7	8.3	6.3	7.3	9.0	5.7	2.3	8.3	5.3	6.3	7.6
IS-PR 409	7.7	7.3	7.0	8.0	8.0	7.7	9.0	6.3	3.3	7.7	6.7	6.0	7.6
IS-PR 479	8.3	8.0	7.7	8.7	7.7	7.7	9.0	7.0	3.7	7.7	6.3	6.3	7.6
IS-PR 487	7.3	8.0	7.0	8.3	8.3	7.7	9.0	7.0	3.0	8.0	7.3	6.7	7.6
IS-PR 488	8.7	7.7	6.7	9.0	8.0	7.0	9.0	6.0	3.0	8.0	6.0	7.3	7.6
IS-PR 492	8.0	7.7	7.7	8.3	8.0	8.0	8.7	6.7	3.7	8.0	6.7	7.7	7.6
ISG-30	8.3	8.0	6.7	8.7	8.0	7.3	9.0	6.7	2.7	8.0	6.0	5.7	7.6
LTP-PR 135	7.7	6.0	6.3	8.7	6.7	7.0	9.0	4.3	2.0	9.0	4.7	7.0	7.6
PICK 4DFHM	7.7	7.0	7.3	8.7	7.7	8.0	9.0	5.7	3.0	8.3	7.0	6.7	7.6
PPG-PR 136	8.3	7.3	6.7	8.7	8.0	8.0	9.0	5.0	2.7	8.0	6.7	6.7	7.6
PPG-PR 138	8.0	6.7	6.3	8.3	8.0	7.3	9.0	4.3	2.3	7.7	6.3	6.3	7.6
PPG-PR 142	7.7	8.0	7.7	8.3	8.0	7.7	9.0	6.0	4.0	8.0	7.0	7.0	7.6
PSRX-4CAGL	8.7	8.0	7.7	8.7	8.0	8.0	9.0	7.3	3.7	7.7	6.7	6.7	7.6
PST-2K9	7.7	7.7	7.0	8.0	8.0	8.0	8.7	6.7	3.3	8.0	6.7	7.0	7.6
RIO VISTA	7.3	7.3	7.0	8.3	8.0	8.0	9.0	6.3	3.0	8.0	6.7	6.3	7.6
UNO	7.7	8.0	7.7	8.0	8.0	7.7	9.0	7.0	3.7	8.0	7.0	6.7	7.6
APR 2036	7.7	7.7	7.3	8.3	8.0	7.7	8.7	5.7	3.3	7.7	7.0	7.0	7.5
CS-PR66	8.3	7.3	7.0	8.3	7.7	7.7	9.0	5.7	3.0	7.7	6.3	6.7	7.5
GO-DHS	8.7	7.7	7.0	8.7	7.3	7.7	9.0	6.7	3.3	8.3	5.7	6.0	7.5
IS-PR 469	8.3	7.3	7.0	8.3	7.7	7.3	9.0	6.7	3.0	7.3	7.0	6.3	7.5

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT GAINESVILLE (OVERSEEDING AT UNIVERSITY OF FLORIDA G. C.), FL 1/
2010-2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

THE RATINGS FOR THE OVERALL PLOT IN SPRING/SUMMER TRANSITION PERIOD

NAME	COLOR RATINGS			QUALITY RATINGS			DENSITY RATINGS			UNIFORMITY RATINGS			QUALITY
	2/18/11	3/15/11	4/13/11	2/18/11	3/15/11	4/13/11	2/18/11	3/15/11	4/13/11	2/18/11	3/15/11	4/13/11	MEAN
ISG-31	9.0	7.7	7.3	8.3	7.7	7.3	8.7	6.3	3.0	7.3	6.0	6.3	7.5
JR-178	8.0	7.3	6.7	8.7	8.0	7.7	9.0	6.0	2.7	8.3	6.7	6.0	7.5
LTP-RAE	7.3	7.7	7.3	8.3	8.3	8.0	9.0	6.3	3.3	8.3	6.7	6.3	7.5
OCTANE	7.7	6.7	7.3	8.3	7.7	7.7	9.0	5.7	3.3	8.7	6.3	7.0	7.5
PINNACLE	7.0	6.3	6.3	8.7	8.0	7.7	9.0	5.3	1.7	8.0	7.0	7.0	7.5
PPG-PR 137	7.7	6.7	6.7	8.3	7.3	7.3	8.7	5.0	2.3	8.0	6.7	6.7	7.5
PPG-PR 165	7.0	7.0	6.7	8.3	7.3	7.3	9.0	6.0	2.7	8.3	6.3	6.7	7.5
SR 4650 (PSRX-3701)	8.0	7.3	7.0	8.7	7.3	7.3	9.0	6.0	2.7	8.3	6.7	7.0	7.5
SIDEWAYS (PSRX-S84)	7.3	7.7	6.7	8.3	7.7	7.7	9.0	6.0	3.0	7.7	6.7	7.0	7.5
PST-204D	7.3	7.0	7.0	8.3	7.7	7.3	9.0	5.7	3.0	8.0	6.7	6.7	7.5
PST-2MG7	8.3	7.3	6.7	8.7	8.0	7.3	9.0	6.3	2.7	8.3	6.0	6.3	7.5
PST-2NKM	7.7	7.7	6.7	8.3	8.0	7.7	9.0	7.0	3.0	8.0	7.0	6.3	7.5
APR 2445	8.3	7.3	7.3	8.7	7.7	7.3	9.0	6.3	3.3	7.3	6.7	6.0	7.4
BAR LP 7608	7.3	6.3	6.7	8.3	7.3	7.7	9.0	5.0	2.7	8.3	6.0	6.7	7.4
DLF LGD-3022	7.3	6.7	6.3	8.3	8.0	7.3	9.0	5.3	2.3	8.3	6.3	6.3	7.4
ISG-36	9.0	7.0	6.7	8.7	7.3	7.7	9.0	6.0	3.0	8.0	5.0	6.3	7.4
JR-192	7.7	7.3	7.0	8.7	8.7	8.0	9.0	6.3	2.7	8.3	7.0	7.3	7.4
PPG-PR 143	8.0	8.3	7.0	8.3	8.3	7.0	9.0	6.7	3.0	8.0	7.3	7.0	7.4
PPG-PR 164	8.0	7.0	6.7	8.3	8.0	7.3	9.0	5.3	2.7	8.3	5.7	6.3	7.4
PST-2ACR	7.7	7.7	7.0	8.0	8.0	8.0	9.0	6.3	3.0	8.0	7.0	7.3	7.4
PST-2DR9	7.7	7.7	7.0	8.3	8.3	7.7	8.7	6.7	3.0	8.0	7.0	6.0	7.4
2NJK	7.7	7.0	7.3	8.3	7.3	7.7	9.0	6.0	3.0	8.0	6.0	7.0	7.3
BRIGHTSTAR SLT	7.0	7.0	6.7	8.3	6.3	7.3	9.0	5.3	2.7	7.7	6.0	6.7	7.3
CL 11601	8.0	7.3	7.0	8.3	8.0	8.0	8.7	6.3	3.0	7.3	7.3	7.3	7.3
IS-PR 463	7.7	6.3	6.7	8.3	7.7	7.3	9.0	5.7	2.3	8.7	6.3	6.0	7.3
PPG-PR 121	7.7	7.3	7.3	8.0	7.7	7.3	8.7	6.3	3.7	8.0	7.0	7.0	7.3
PPG-PR 128	7.7	6.7	7.0	8.3	6.7	7.7	8.7	5.7	3.3	7.7	6.0	7.0	7.3
DOMINATOR (PST-2AG4)	7.7	7.3	6.3	8.7	7.0	7.0	9.0	5.7	2.7	7.3	6.0	6.7	7.3
PST-2MAGS	7.7	7.3	6.7	8.3	7.0	7.3	9.0	6.0	2.3	8.0	6.3	7.3	7.3
S85	7.7	7.7	7.7	8.7	8.3	7.3	9.0	6.7	3.3	7.7	7.3	7.0	7.3
PANGEA GLR (CL 11701)	7.3	7.0	7.0	8.3	7.3	7.0	9.0	6.0	2.7	7.7	6.3	6.0	7.2
CST	7.3	7.3	7.0	8.0	8.0	7.3	9.0	6.0	2.7	7.7	6.7	5.7	7.2
DLF LGT 4182	8.0	6.3	6.7	8.3	7.3	7.7	8.7	5.0	3.0	7.0	5.3	6.3	7.2
GO-PR60	8.3	7.0	6.7	8.7	6.7	7.3	9.0	6.0	3.0	8.3	5.7	6.3	7.2
PIZZAZZ 2 GLR (PR 909)	8.0	8.0	7.7	8.3	7.3	7.0	9.0	7.3	3.0	7.7	7.3	7.0	7.2
RINOVO	7.3	8.3	7.7	8.0	7.3	7.7	8.3	7.7	4.0	7.3	8.0	7.0	7.2
P02	8.0	8.3	7.3	8.0	7.7	7.3	9.0	7.3	3.3	7.0	8.0	6.3	7.1
PST-2TQL	8.3	6.3	6.3	8.3	6.7	7.0	9.0	5.3	1.7	7.7	6.0	6.7	7.1
HAVEN (APR 2038)	7.0	7.3	6.7	8.3	7.3	7.3	9.0	4.7	2.7	8.0	6.0	6.3	7.0
SRX-4RHD	7.7	8.0	7.0	8.3	7.7	7.0	9.0	6.3	3.3	7.7	6.7	6.3	7.0
LINN	5.0	5.3	6.0	6.7	8.0	7.0	7.7	7.0	3.0	8.3	7.7	8.0	6.9
LSD VALUE	0.9	2.4	2.0	2.4	4.5	2.9	0.5	4.4	1.8	2.2	4.3	3.0	2.2
C.V. (%)	7.0	11.4	9.2	6.5	11.6	8.0	2.8	19.0	23.0	7.7	16.2	11.7	5.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ THE OVERSEEDING RATE OF ALL ENTRIES WAS 400 LBS./ACRE.

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER FALL	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	MEAN
APR 2320	7.7	63.3	5.0	6.3	7.0	7.7	6.7	6.7	6.6
DLF LGD-3022	6.3	73.3	5.3	7.0	6.3	7.7	6.3	7.0	6.6
SIENNA	7.0	63.3	5.0	7.3	6.3	7.0	6.7	6.3	6.4
2NJK	6.0	73.3	5.0	6.3	6.7	6.7	6.3	6.7	6.3
CS-20	8.3	78.3	5.7	6.3	6.7	6.3	6.3	6.7	6.3
IS-PR 469	7.0	56.7	4.7	6.0	6.7	7.0	6.7	7.0	6.3
IS-PR 492	6.3	60.0	5.0	6.3	6.3	6.3	7.0	7.0	6.3
LTP-RAE	6.7	60.0	4.7	6.0	6.3	6.3	7.3	7.0	6.3
S85	6.0	63.3	5.0	6.3	6.0	7.0	6.3	7.0	6.3
CL 307	6.0	76.7	5.3	6.3	6.3	6.3	6.0	7.0	6.2
IS-PR 487	6.0	60.0	5.7	6.3	5.7	6.7	6.3	6.7	6.2
JR-192	6.7	70.0	5.0	6.7	7.0	6.7	6.0	6.0	6.2
PPG-PR 142	6.0	66.7	5.0	6.7	6.3	6.3	6.0	6.7	6.2
SR 4650 (PSRX-3701)	6.0	66.7	5.3	5.7	6.7	5.7	7.0	6.7	6.2
SIDEWAYS (PSRX-S84)	6.0	73.3	5.3	6.7	6.0	5.7	6.3	7.3	6.2
RIO VISTA	6.3	63.3	5.3	6.0	7.0	6.3	6.3	6.0	6.2
BRIGHTSTAR SLT	6.0	83.3	6.0	7.0	5.7	6.3	5.7	6.0	6.1
CL 11601	6.3	70.0	5.7	6.0	6.0	6.3	6.3	6.3	6.1
IS-PR 463	6.3	63.3	4.3	6.0	6.0	6.3	7.0	7.0	6.1
JR-178	6.7	63.3	5.0	5.7	6.0	6.3	6.7	6.7	6.1
LTP-PR 135	6.7	60.0	4.3	6.7	6.0	6.3	6.7	6.7	6.1
PPG-PR 165	6.0	63.3	5.3	7.0	6.0	6.0	6.0	6.0	6.1
HAVEN (APR 2038)	6.0	63.3	5.7	6.3	6.0	6.0	5.7	6.3	6.0
DLF LGD-3026	6.7	70.0	5.3	6.3	6.7	6.0	5.7	6.0	6.0
PST-2ACR	6.3	56.7	5.0	6.0	6.3	5.7	6.7	6.3	6.0
PST-2TQL	6.7	66.7	4.3	5.7	6.3	6.7	6.0	7.0	6.0
BAR LP 10969	6.3	66.7	5.0	6.0	6.0	6.0	6.0	6.3	5.9
BONNEVILLE	6.0	66.7	5.0	6.3	5.7	6.7	6.0	6.0	5.9
CS-PR66	7.3	66.7	5.0	5.3	6.7	6.0	6.0	6.3	5.9
IS-PR 488	6.7	53.3	4.0	6.3	6.3	6.0	6.3	6.3	5.9
IS-PR 489	6.3	70.0	5.0	6.7	6.0	6.3	5.7	6.0	5.9
PRX-4GM1	6.3	63.3	5.0	5.7	5.7	6.0	6.0	7.0	5.9
DOMINATOR (PST-2AG4)	6.0	70.0	5.3	5.7	6.0	6.3	5.7	6.7	5.9
PST-2DR9	6.0	56.7	5.3	6.0	5.7	6.0	5.7	6.7	5.9
PST-2NKM	6.3	73.3	4.3	6.3	6.0	6.7	6.0	6.3	5.9
RAD-PR55R	7.3	63.3	4.3	5.7	6.0	6.3	6.3	6.7	5.9
ALLANTE	6.0	73.3	5.3	6.7	6.3	5.7	5.3	5.7	5.8
IS-PR 491	7.0	66.7	4.3	5.3	6.0	6.3	6.0	6.7	5.8
ISG-36	8.0	63.3	5.3	5.7	6.0	5.7	6.0	6.0	5.8
PPG-PR 121	6.0	63.3	5.0	6.0	6.0	6.3	5.7	5.7	5.8
PPG-PR 133	6.0	63.3	4.7	6.3	5.7	6.7	5.7	5.7	5.8
PIZZAZZ 2 GLR (PR 909)	6.0	70.0	4.7	5.7	5.7	6.0	6.0	6.7	5.8
PST-2MAGS	6.3	73.3	5.0	5.0	6.0	6.3	6.0	6.7	5.8
PST-2MG7	6.0	73.3	5.0	6.0	6.0	6.3	5.7	5.7	5.8
UNO	6.3	73.3	5.0	6.0	6.0	6.7	5.7	5.7	5.8
BAR LP 7608	6.0	60.0	4.7	6.0	6.0	6.7	5.7	5.3	5.7
INSIGHT	6.3	56.7	4.7	6.7	6.0	6.0	5.0	6.0	5.7

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER FALL	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	MEAN
OCTANE	7.0	70.0	5.0	5.3	5.7	6.3	5.7	6.0	5.7
PPG-PR 137	6.3	60.0	4.3	5.7	6.0	5.7	5.7	6.7	5.7
PPG-PR 140	6.7	60.0	4.7	5.7	5.3	6.0	6.0	6.3	5.7
PPG-PR 143	7.0	56.7	4.7	6.0	6.0	6.0	5.3	6.0	5.7
RINOVO	6.7	53.3	4.0	5.0	6.0	6.7	6.0	6.3	5.7
SRX-4MSH	6.7	66.7	4.3	6.0	5.7	6.3	5.7	6.0	5.7
SRX-4RHD	6.3	56.7	4.7	5.7	5.7	6.3	5.7	6.3	5.7
BAR LP 10970	7.0	60.0	4.3	5.3	5.7	6.3	6.0	6.0	5.6
PANGEA GLR (CL 11701)	6.3	60.0	4.0	5.0	6.0	6.0	6.0	6.3	5.6
PINNACLE	5.3	70.0	6.0	5.3	6.3	5.7	4.3	5.7	5.6
PPG-PR 136	6.3	60.0	4.3	6.3	5.0	6.0	5.7	6.3	5.6
PPG-PR 164	6.3	63.3	4.3	6.0	5.3	6.0	6.0	6.0	5.6
PSRX-4CAGL	7.0	50.0	4.3	5.3	6.0	5.3	5.7	6.7	5.6
PST-204D	6.3	60.0	4.3	5.7	5.7	6.0	5.7	6.3	5.6
APR 2036	6.7	53.3	4.7	5.3	5.3	5.7	5.3	6.0	5.4
FIESTA 4	6.3	53.3	4.0	5.7	6.0	5.3	5.7	5.7	5.4
IS-PR 409	6.0	45.0	4.0	5.7	5.3	5.3	6.0	6.0	5.4
ISG-31	8.0	60.0	5.0	6.0	5.7	5.3	5.0	5.7	5.4
PPG-PR 138	7.3	43.3	4.7	5.7	5.0	5.7	6.0	5.7	5.4
A-35	8.3	60.0	4.3	5.3	5.7	5.7	5.3	5.3	5.3
APR 2445	7.0	53.3	4.3	4.7	6.0	6.0	5.3	5.7	5.3
SOX FAN (GM3)	6.7	60.0	4.7	5.3	5.0	5.7	5.7	5.3	5.3
GO-PR60	7.3	63.3	4.0	5.3	5.7	5.3	5.7	6.0	5.3
MACH I	7.3	56.7	3.7	5.0	5.7	6.3	5.0	6.3	5.3
PPG-PR 128	6.0	56.7	4.3	5.7	5.0	5.7	5.3	5.7	5.3
PPG-PR 134	6.3	53.3	4.7	4.7	5.3	6.0	5.7	5.7	5.3
DLF LGT 4182	6.7	56.7	4.0	5.7	5.7	5.7	5.0	5.3	5.2
GO-DHS	7.0	63.3	4.7	5.3	5.3	5.0	5.0	5.7	5.2
IS-PR 479	8.0	56.7	4.0	5.0	6.0	5.3	5.0	6.0	5.2
ISG-30	7.7	70.0	4.3	5.7	5.3	5.7	4.7	5.7	5.2
P02	6.0	60.0	4.3	5.7	5.0	5.7	5.3	5.0	5.2
PICK 10401	6.7	50.0	4.3	5.3	5.7	5.7	5.3	5.0	5.2
PST-2BNS	6.3	56.7	4.0	4.7	5.7	6.7	5.3	5.0	5.2
PST-2K9	6.0	53.3	4.3	5.0	5.0	6.3	5.3	5.3	5.2
PALMER V	6.0	60.0	4.3	5.3	5.0	5.7	5.0	5.3	5.1
CST	6.3	53.3	4.3	5.0	5.3	6.0	4.7	4.7	5.0
BAR LP 10972	6.3	46.7	3.3	5.3	5.3	5.7	4.7	5.0	4.9
GO-G37	8.0	50.0	4.3	4.7	6.0	4.7	5.0	5.0	4.9
PICK 4DFHM	6.0	50.0	3.7	5.0	5.3	5.7	4.7	5.0	4.9
RAD-PR62	6.7	53.3	3.7	4.3	5.0	5.7	5.0	5.3	4.8
LINN	5.0	63.3	4.0	4.0	4.0	3.3	3.3	3.7	3.7
LSD VALUE	0.9	56.8	2.8	2.5	4.1	3.1	3.2	3.9	2.8
C.V. (%)	8.2	21.7	18.3	16.0	15.8	15.4	17.4	17.6	13.3

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

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

TABLE 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/

2011 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CL 11601	6.0	7.3	6.3	5.0	6.3	6.3	5.0	7.3	7.0	6.2
SRX-4RHD	6.0	5.7	6.7	5.7	6.0	5.7	5.7	7.0	6.0	6.1
JR-192	6.0	4.7	5.0	6.0	7.0	6.3	4.7	7.0	6.0	6.0
PICK 10401	6.3	4.3	5.0	5.7	5.3	6.3	5.0	7.3	7.0	6.0
IS-PR 487	6.0	5.3	5.0	5.3	5.7	6.0	5.7	7.0	6.7	5.9
APR 2320	6.0	5.3	6.3	6.7	6.7	4.7	4.3	6.3	5.7	5.8
BAR LP 10970	5.7	5.0	5.0	6.3	6.7	6.3	4.0	6.3	6.0	5.8
PIZZAZZ 2 GLR (PR 909)	6.0	5.7	5.7	5.7	5.3	5.7	5.3	6.7	6.3	5.8
SR 4650 (PSRX-3701)	6.0	5.3	5.0	6.0	6.0	5.3	5.3	6.7	6.0	5.8
UNO	6.0	4.7	5.0	5.3	6.0	5.7	5.3	6.7	6.7	5.8
PANGEA GLR (CL 11701)	6.3	6.0	5.3	5.7	5.7	5.3	5.0	6.3	6.3	5.7
JR-178	6.3	5.3	5.3	5.7	6.0	5.0	4.7	6.7	6.3	5.7
PPG-PR 128	6.3	4.7	5.0	5.3	6.0	5.7	5.3	6.0	6.3	5.7
PPG-PR 138	6.3	4.7	4.7	6.0	6.3	5.7	5.3	6.0	6.0	5.7
PPG-PR 164	6.0	6.3	5.7	6.0	5.3	5.7	4.3	6.7	6.0	5.7
SIDEWAYS (PSRX-S84)	6.0	4.3	5.0	6.0	5.3	6.0	4.7	7.0	6.0	5.7
DLF LGD-3022	5.7	6.0	5.7	4.7	5.7	6.0	4.3	6.7	6.0	5.6
IS-PR 409	6.3	5.0	4.7	5.7	5.3	6.0	4.3	6.7	6.3	5.6
PPG-PR 137	6.3	4.3	5.0	6.0	6.3	5.3	4.3	6.0	6.3	5.6
PPG-PR 165	6.0	4.7	4.7	5.3	6.0	6.0	5.3	6.0	6.0	5.6
PST-2ACR	6.7	6.3	6.0	5.0	5.7	6.3	4.0	6.0	6.3	5.6
FIESTA 4	7.0	5.0	5.0	6.0	6.3	5.0	4.0	6.0	6.0	5.5
IS-PR 489	6.0	6.0	5.7	5.0	5.7	5.0	4.7	6.3	6.3	5.5
OCTANE	6.3	5.0	5.3	5.7	6.0	5.7	4.7	5.7	5.7	5.5
PALMER V	6.0	4.3	4.7	5.7	5.3	5.0	5.0	6.3	6.3	5.5
PPG-PR 134	6.3	5.3	5.7	5.3	5.7	5.7	4.0	5.7	6.7	5.5
PPG-PR 140	6.3	5.7	5.3	5.3	5.3	5.0	5.3	6.0	6.0	5.5
RIO VISTA	6.3	5.0	4.7	5.7	6.0	6.0	4.0	6.0	6.3	5.5
S85	6.7	5.3	5.3	5.0	5.7	5.7	4.3	6.3	6.3	5.5
CL 307	5.7	5.3	5.0	5.3	5.0	4.7	5.0	6.3	6.3	5.4
SOX FAN (GM3)	6.3	5.7	5.0	5.3	5.7	5.0	4.0	6.3	6.7	5.4
IS-PR 469	6.3	5.0	3.3	5.3	5.7	5.7	5.3	6.0	6.3	5.4
IS-PR 488	6.0	6.0	5.3	4.7	5.3	4.7	4.7	6.7	6.3	5.4
LTP-PR 135	6.0	4.3	5.0	6.0	5.0	4.7	5.3	5.7	6.3	5.4
PST-204D	6.0	5.0	5.3	4.7	5.0	5.3	5.0	6.3	6.0	5.4
RINOVO	6.0	6.0	4.3	5.3	5.3	6.0	5.7	5.3	6.0	5.4
A-35	7.7	5.7	3.7	6.0	5.3	6.7	4.7	5.3	5.3	5.3
BONNEVILLE	6.0	4.7	5.3	5.0	5.0	5.3	4.3	6.0	6.3	5.3
BRIGHTSTAR SLT	5.3	4.7	5.0	4.7	5.3	5.3	4.7	6.3	5.7	5.3
DOMINATOR (PST-2AG4)	6.7	5.0	5.3	5.3	5.3	5.0	4.0	5.7	6.7	5.3
PST-2MG7	6.0	5.0	5.0	4.3	4.7	5.0	4.3	6.7	7.0	5.3
2NJK	6.0	5.0	5.3	4.0	5.3	5.3	4.7	5.7	6.0	5.2
CS-20	7.3	6.0	5.3	6.3	4.7	5.0	4.0	5.3	5.7	5.2
DLF LGD-3026	6.3	4.0	4.7	6.0	5.7	5.3	4.0	5.0	5.7	5.2
IS-PR 492	6.7	6.0	4.7	4.7	5.3	4.3	5.0	6.3	6.0	5.2
PPG-PR 143	6.0	5.3	4.3	5.0	4.7	5.3	4.7	6.3	6.0	5.2
PRX-4GM1	6.3	4.7	4.0	5.0	5.0	4.3	5.0	6.7	6.3	5.2

TABLE 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PST-2BNS	6.3	5.3	4.7	6.0	5.0	5.0	5.0	6.0	5.0	5.2
PST-2NKM	6.0	4.0	4.0	4.7	5.7	6.0	5.3	5.3	5.3	5.2
APR 2036	6.3	4.3	4.7	6.0	5.0	4.7	4.0	6.0	5.7	5.1
INSIGHT	5.7	5.7	4.7	6.3	5.7	4.7	4.0	4.7	5.7	5.1
IS-PR 479	7.0	5.0	4.3	5.0	6.0	5.3	4.7	5.0	5.7	5.1
ISG-36	7.7	6.7	6.0	4.7	4.7	5.0	4.3	5.7	5.3	5.1
LTP-RAE	6.0	5.7	5.0	4.7	5.0	4.3	4.7	6.0	6.0	5.1
PPG-PR 136	6.3	5.3	5.0	4.3	5.3	4.7	5.0	5.7	5.7	5.1
PST-2MAGS	6.7	5.0	4.7	4.7	5.0	4.7	4.0	6.7	6.0	5.1
RAD-PR62	6.0	5.0	4.3	4.7	5.3	6.0	4.3	5.7	5.7	5.1
ALLANTE	6.3	5.0	4.3	5.7	5.3	4.7	3.7	5.3	5.7	5.0
APR 2445	6.0	4.7	4.3	4.7	5.0	4.7	5.0	6.3	5.3	5.0
BAR LP 10972	5.7	4.7	4.7	5.0	4.7	4.3	4.3	6.3	6.0	5.0
GO-PR60	7.0	5.7	5.3	5.0	5.3	4.7	4.0	5.7	5.3	5.0
IS-PR 463	6.3	5.3	4.0	5.3	5.3	5.7	5.0	5.3	4.7	5.0
IS-PR 491	6.3	4.7	4.7	5.3	5.7	4.3	3.7	5.3	6.0	5.0
ISG-30	7.3	5.3	4.7	5.3	4.7	4.0	3.7	6.0	6.3	5.0
PPG-PR 121	6.0	4.0	4.3	5.7	6.0	5.0	3.7	5.0	5.3	5.0
PPG-PR 142	6.0	4.3	4.3	4.7	4.7	5.0	4.3	6.0	6.0	5.0
PSRX-4CAGL	7.0	4.7	4.7	5.7	5.0	5.0	3.7	4.7	6.0	5.0
PST-2K9	6.3	4.3	4.3	5.0	4.7	4.7	4.0	6.3	6.0	5.0
RAD-PR55R	6.3	5.3	4.7	5.3	5.0	5.0	3.7	5.3	6.0	5.0
SIENNA	6.3	5.7	5.3	6.0	5.0	4.7	4.0	5.0	5.3	5.0
CST	6.3	5.0	4.7	5.0	5.0	3.7	4.7	5.3	5.7	4.9
GO-G37	7.3	5.0	4.3	4.7	4.7	4.3	5.7	5.0	5.7	4.9
PPG-PR 133	6.0	6.0	4.7	4.7	5.0	4.7	3.7	5.7	6.0	4.9
PST-2DR9	6.0	4.7	4.7	4.0	4.3	4.7	4.7	6.3	5.3	4.9
PST-2TQL	6.3	5.0	4.7	5.0	4.0	3.7	5.0	6.3	5.7	4.9
SRX-4MSH	6.3	5.7	4.7	4.0	5.0	5.0	5.0	5.3	5.3	4.9
BAR LP 10969	5.7	4.0	4.0	5.0	4.3	4.7	4.7	5.3	5.3	4.8
DLF LGT 4182	7.0	5.3	4.7	4.7	4.3	5.0	3.7	5.3	6.0	4.8
P02	6.3	5.3	4.3	4.0	4.7	5.0	3.3	5.7	6.3	4.8
HAVEN (APR 2038)	5.7	5.3	4.7	4.3	4.7	4.7	4.0	5.3	5.0	4.7
CS-PR66	6.0	5.3	3.7	4.7	4.7	5.0	4.0	5.0	5.7	4.7
ISG-31	7.3	5.7	4.3	4.3	4.7	4.3	4.0	5.3	5.7	4.7
PICK 4DFHM	6.3	4.7	4.3	4.3	4.7	3.7	4.7	5.3	5.0	4.6
BAR LP 7608	5.0	4.3	4.3	5.3	4.3	4.7	4.7	4.0	4.3	4.5
GO-DHS	7.0	4.0	4.0	5.0	3.7	4.0	4.0	5.0	5.7	4.5
MACH I	7.0	5.3	4.0	5.3	4.7	3.7	4.0	4.7	5.0	4.5
PINNACLE	4.3	4.0	4.3	4.0	4.3	5.0	4.3	5.0	4.7	4.5
LINN	3.0	7.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
LSD VALUE	0.7	2.1	1.7	1.4	2.5	2.4	3.0	2.1	1.7	1.0
C.V. (%)	6.9	17.7	16.8	14.5	18.2	19.4	20.6	16.3	13.1	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 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	WEAR TOLERANCE	DENSITY SUMMER	PERCENT ESTABLISH-MENT	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
IS-PR 492	7.0	5.3	6.3	60.0	6.7	6.7	6.7	6.7	6.7	6.3	6.7	6.0	6.5
GO-PR60	7.0	6.0	6.3	53.3	6.3	7.0	6.7	6.3	6.0	6.3	5.3	6.0	6.3
PPG-PR 121	5.7	5.3	6.3	53.3	6.0	6.0	6.7	6.3	6.7	6.3	6.0	6.0	6.3
PPG-PR 138	6.0	5.3	6.0	60.0	6.3	6.0	6.0	6.7	6.3	6.0	5.7	6.3	6.2
CL 11601	5.0	5.0	6.7	66.7	6.0	6.3	6.7	6.0	6.0	6.0	6.0	5.7	6.1
IS-PR 463	6.0	5.3	6.3	50.0	5.7	6.3	6.3	6.0	6.7	5.7	6.0	6.3	6.1
PPG-PR 165	6.0	5.7	6.7	70.0	6.3	6.0	6.7	6.0	6.0	6.0	6.0	6.0	6.1
PSRX-4CAGL	7.0	5.7	6.0	53.3	5.3	6.0	6.3	6.0	7.0	6.3	6.0	5.7	6.1
RINOVO	6.0	5.0	6.3	56.7	5.7	6.0	6.3	6.3	6.3	6.0	6.0	6.0	6.1
BAR LP 7608	5.0	5.0	5.7	53.3	5.7	5.7	6.3	5.3	5.7	6.7	6.3	6.0	6.0
CS-PR66	6.7	4.7	6.7	56.7	5.7	6.3	6.0	6.0	6.3	6.0	6.0	6.0	6.0
FIESTA 4	6.3	5.0	6.3	50.0	5.7	6.0	6.0	6.3	6.3	6.0	6.0	5.7	6.0
INSIGHT	5.3	4.7	7.3	50.0	6.0	6.0	6.7	6.0	6.3	5.7	5.7	5.7	6.0
IS-PR 469	6.0	4.3	6.3	50.0	5.7	5.7	6.3	6.3	6.3	5.7	6.0	5.7	6.0
MACH I	7.3	5.7	6.7	50.0	6.3	6.3	6.3	6.7	5.7	5.7	5.7	5.7	6.0
OCTANE	5.7	5.3	6.3	63.3	5.3	6.0	6.7	6.0	6.3	6.0	6.0	5.7	6.0
PPG-PR 136	6.3	5.0	6.3	63.3	5.7	6.0	6.3	5.7	6.3	6.0	6.0	6.0	6.0
SIENNA	5.3	4.7	6.7	50.0	5.7	6.0	6.3	5.7	6.3	6.0	5.7	6.0	6.0
SRX-4RHD	5.3	4.7	5.7	50.0	5.7	6.0	6.3	5.7	6.3	6.0	6.0	5.7	6.0
CST	6.0	5.0	6.3	53.3	5.7	6.0	6.0	6.0	6.7	6.0	5.7	5.3	5.9
IS-PR 479	6.3	6.0	6.3	46.7	6.0	6.3	6.3	6.0	6.0	5.7	5.3	5.7	5.9
PALMER V	6.3	5.3	6.0	46.7	5.7	6.0	6.0	6.3	6.0	6.0	5.7	5.7	5.9
PPG-PR 137	6.0	5.0	6.3	66.7	6.0	6.0	6.3	6.0	6.0	6.0	5.3	5.7	5.9
PPG-PR 142	6.0	5.0	6.0	53.3	5.7	6.3	6.3	5.7	6.0	5.7	5.7	5.7	5.9
RAD-PR55R	7.3	4.7	6.0	46.7	6.3	6.3	6.3	6.0	5.3	5.7	5.0	6.0	5.9
APR 2036	6.0	6.0	6.0	50.0	5.3	6.0	6.0	6.0	6.0	6.0	5.3	6.0	5.8
BAR LP 10970	6.0	6.0	6.0	40.0	5.0	6.0	5.7	5.7	6.0	5.7	6.0	6.0	5.8
BRIGHTSTAR SLT	5.0	5.7	6.7	56.7	5.3	6.0	6.0	5.7	5.7	6.0	6.0	5.3	5.8
DLF LGD-3022	6.7	6.0	5.3	50.0	5.3	6.3	6.0	5.7	5.7	6.0	5.7	5.3	5.8
IS-PR 409	6.3	5.0	6.3	46.7	5.7	6.3	6.0	5.7	6.0	5.7	5.0	5.7	5.8
IS-PR 491	6.3	5.7	6.3	50.0	6.0	6.0	6.3	6.0	6.0	5.3	5.3	5.7	5.8
ISG-30	7.7	5.0	5.7	50.0	5.7	6.0	6.0	6.0	5.7	5.7	5.3	5.7	5.8
ISG-36	8.7	5.0	6.7	56.7	5.0	6.0	6.0	6.7	6.0	5.7	5.3	5.7	5.8
PPG-PR 140	5.7	4.7	6.3	56.7	5.7	5.7	5.7	6.0	6.0	5.3	6.0	5.7	5.8
PPG-PR 164	5.7	4.0	5.7	56.7	6.0	5.7	5.3	5.7	6.3	5.7	5.7	6.0	5.8
PRX-4GM1	6.0	5.3	6.0	56.7	5.7	6.0	6.3	5.7	6.0	5.7	5.3	6.0	5.8
SR 4650 (PSRX-3701)	5.7	4.3	6.7	66.7	5.7	6.0	6.0	6.0	6.0	5.7	5.3	5.3	5.8
PST-2BNS	5.3	5.0	6.3	56.7	5.7	6.3	6.7	6.0	5.7	5.3	5.3	5.7	5.8
APR 2320	6.3	5.3	6.7	53.3	4.7	5.3	6.0	6.0	6.0	6.0	5.7	5.7	5.7
CS-20	7.3	5.7	6.0	50.0	5.0	6.0	5.7	5.7	6.0	5.7	5.7	5.7	5.7
IS-PR 488	6.3	5.3	6.3	56.7	6.0	6.0	6.7	5.7	5.3	5.3	5.0	5.7	5.7
PST-2DR9	6.3	5.3	6.3	56.7	5.0	6.0	6.0	5.7	6.3	5.7	5.3	5.3	5.7
ALLANTE	5.0	5.7	6.7	53.3	5.0	5.7	5.7	5.7	6.3	5.7	5.7	5.0	5.6
APR 2445	6.0	4.7	6.3	46.7	5.3	5.7	5.7	5.7	6.0	5.3	5.3	5.7	5.6
GO-G37	7.3	5.7	5.7	50.0	5.3	5.7	5.7	5.7	5.7	5.7	5.3	5.7	5.6
JR-192	5.7	6.0	6.3	60.0	5.3	6.0	6.0	5.7	5.7	5.7	5.3	5.0	5.6
PPG-PR 133	5.7	5.0	6.0	56.7	5.3	6.0	6.0	5.3	5.7	5.3	5.3	6.0	5.6

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/

2011 DATA

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

NAME	GENETIC COLOR	WEAR TOLERANCE	DENSITY SUMMER	PERCENT ESTABLISH-MENT	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PPG-PR 143	5.7	4.7	5.3	56.7	5.0	5.3	5.7	5.3	6.0	6.3	5.7	5.7	5.6
PST-204D	5.3	5.3	5.3	50.0	5.3	6.3	6.0	5.3	5.3	5.3	6.0	5.3	5.6
RIO VISTA	6.0	4.3	5.7	50.0	5.3	5.7	5.3	5.7	5.7	5.7	5.7	5.7	5.6
UNO	6.0	5.0	6.0	50.0	5.7	6.0	5.7	5.7	5.7	5.3	5.0	5.7	5.6
2NJK	5.3	6.0	5.7	46.7	5.3	5.7	6.0	5.0	5.7	5.3	5.0	5.7	5.5
A-35	8.0	4.0	6.0	46.7	5.3	5.7	5.3	5.3	5.7	5.0	5.3	6.0	5.5
PANGEA GLR (CL 11701)	5.7	4.3	5.7	53.3	5.7	5.3	5.7	5.3	6.0	5.7	5.0	5.7	5.5
IS-PR 487	5.3	5.0	5.3	43.3	5.7	5.7	6.0	5.3	5.7	5.3	5.7	5.0	5.5
JR-178	5.7	5.0	5.7	53.3	5.3	5.3	5.3	5.7	6.0	5.3	5.3	5.7	5.5
LTP-PR 135	5.3	5.3	6.0	53.3	5.7	5.0	5.3	5.3	5.3	5.7	5.7	6.0	5.5
PICK 10401	5.3	4.0	6.3	56.7	5.0	5.7	5.7	5.0	6.0	5.7	5.7	5.7	5.5
PICK 4DFHM	6.0	5.0	6.0	53.3	5.3	5.7	6.0	5.3	5.3	5.3	5.7	5.3	5.5
PPG-PR 128	6.0	5.0	5.7	56.7	5.3	5.7	5.7	5.3	5.7	5.7	5.0	5.7	5.5
PPG-PR 134	6.0	4.0	5.7	53.3	5.3	5.7	5.7	5.3	5.3	5.3	5.7	5.3	5.5
PIZZAZZ 2 GLR (PR 909)	5.7	5.3	6.0	56.7	5.3	5.7	5.3	5.3	6.0	5.7	5.0	6.0	5.5
SIDEWAYS (PSRX-S84)	5.3	5.3	5.7	50.0	5.7	5.3	6.0	5.3	5.7	5.0	5.3	5.7	5.5
PST-2MG7	6.3	5.7	5.7	53.3	5.3	5.7	5.3	5.3	5.7	5.7	5.3	5.3	5.5
SRX-4MSH	6.3	4.3	6.0	56.7	5.0	5.3	6.0	5.7	5.3	5.3	5.7	6.0	5.5
BAR LP 10969	5.3	5.7	6.0	53.3	5.7	6.0	5.3	5.7	5.3	5.0	5.3	5.0	5.4
SOX FAN (GM3)	6.3	5.0	5.7	56.7	5.0	5.3	5.3	5.3	5.7	5.0	5.7	5.7	5.4
IS-PR 489	6.0	4.3	5.3	50.0	5.7	5.3	5.3	5.3	5.7	5.7	5.0	5.0	5.4
ISG-31	7.3	5.3	6.0	43.3	5.3	5.3	5.3	5.7	5.3	5.7	5.0	5.7	5.4
P02	5.7	5.3	5.7	53.3	5.3	5.0	5.7	5.3	5.3	5.3	5.3	6.0	5.4
DOMINATOR (PST-2AG4)	6.0	6.3	6.0	53.3	5.3	6.0	5.7	5.3	5.7	5.0	5.0	5.3	5.4
PST-2K9	6.0	5.3	5.7	43.3	5.0	5.7	6.0	5.3	5.3	5.7	5.0	5.0	5.4
PST-2NKM	5.7	4.3	5.7	46.7	4.7	5.3	5.7	5.7	5.7	5.7	5.3	5.0	5.4
RAD-PR62	6.0	5.3	5.7	43.3	5.0	5.3	5.7	5.0	5.7	5.7	5.3	5.7	5.4
S85	6.3	4.7	5.7	50.0	5.3	5.3	5.7	5.7	5.3	5.0	5.3	5.7	5.4
HAVEN (APR 2038)	5.7	4.7	5.3	50.0	4.7	5.3	5.3	5.3	5.7	5.3	5.3	5.0	5.3
CL 307	6.7	4.0	6.3	56.7	4.7	5.3	5.3	5.7	5.7	5.3	5.3	5.3	5.3
DLF LGD-3026	7.7	4.7	5.7	43.3	5.3	5.3	5.3	5.7	5.7	5.0	5.0	5.0	5.3
PINNACLE	4.0	4.7	5.3	50.0	5.3	5.7	5.3	5.0	5.3	5.3	5.0	5.0	5.3
PST-2MAGS	6.3	4.7	5.7	36.7	5.3	5.0	5.3	5.3	5.7	5.0	5.3	5.0	5.3
PST-2TQL	5.7	4.3	5.7	40.0	5.0	5.7	5.7	5.3	5.3	5.3	5.3	5.0	5.3
GO-DHS	7.3	4.3	5.3	46.7	4.7	5.0	5.3	5.3	5.3	5.0	5.0	5.3	5.1
BAR LP 10972	5.7	5.7	5.3	30.0	4.7	5.0	5.0	5.0	5.3	5.0	4.7	5.0	5.0
BONNEVILLE	6.0	4.0	5.0	46.7	5.3	4.7	5.0	5.3	5.3	4.7	4.7	5.0	5.0
LTP-RAE	6.0	4.7	5.7	50.0	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PST-2ACR	6.3	5.3	5.0	40.0	4.3	4.7	5.0	5.0	5.0	5.0	5.0	4.7	4.8
DLF LGT 4182	7.0	4.7	5.0	36.7	4.0	4.0	4.7	4.7	4.0	4.0	4.0	4.0	4.2
LINN	3.0	3.7	3.7	50.0	4.0	4.0	3.3	3.7	3.3	3.3	3.3	3.0	3.5
LSD VALUE	0.8	1.0	1.0	16.5	1.6	1.6	1.4	0.9	1.1	1.1	1.1	1.1	0.7
C.V. (%)	8.6	11.7	9.0	15.8	12.4	12.0	11.5	8.9	10.1	10.3	10.4	10.3	7.3

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

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

TABLE 9. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	QUALITY RATINGS APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PPG-PR 138	7.0	5.3	5.3	5.3	6.0	7.0	7.0	7.7	6.7	6.3
OCTANE	8.0	6.0	5.7	5.7	6.0	6.0	6.7	7.0	6.3	6.2
PIZZAZZ 2 GLR (PR 909)	7.7	5.3	5.3	5.3	6.0	6.0	7.0	7.7	6.7	6.2
BAR LP 10970	7.0	5.3	5.0	5.3	6.0	7.3	7.0	7.0	6.0	6.1
PSRX-4CAGL	7.3	5.3	5.3	5.7	6.3	6.7	6.7	6.7	6.3	6.1
PST-2BNS	7.0	5.3	5.0	5.3	6.0	6.7	6.7	7.7	6.0	6.1
PANGEA GLR (CL 11701)	7.3	5.7	4.7	5.0	5.7	6.0	6.7	7.7	6.3	6.0
CL 307	6.7	5.3	5.7	5.0	5.7	6.0	6.7	7.3	6.0	6.0
JR-178	7.7	5.3	5.3	5.3	6.0	6.7	6.7	7.7	5.3	6.0
PALMER V	6.7	5.0	5.7	5.0	6.0	6.0	6.3	7.0	6.7	6.0
PPG-PR 137	7.3	5.7	5.0	5.0	6.0	6.7	6.7	7.0	6.0	6.0
SIDEWAYS (PSRX-S84)	7.7	5.3	5.3	5.3	6.0	6.3	6.7	7.0	6.0	6.0
RINOVO	7.7	5.7	5.3	5.7	5.7	6.0	6.3	6.7	6.3	6.0
RIO VISTA	8.0	5.3	5.0	5.3	5.7	6.7	7.0	7.0	6.3	6.0
ALLANTE	6.7	5.3	5.7	5.3	5.7	6.0	6.7	6.7	6.0	5.9
GO-PR60	7.3	5.3	5.3	5.0	5.7	6.3	6.3	7.3	6.0	5.9
IS-PR 488	7.3	5.3	5.0	5.3	6.0	6.3	6.3	6.7	6.3	5.9
IS-PR 491	7.0	5.0	5.0	5.0	5.7	6.7	6.3	7.0	6.3	5.9
PPG-PR 121	7.0	5.3	5.3	5.0	5.7	6.3	6.3	6.7	6.3	5.9
PPG-PR 143	8.0	6.0	5.0	5.3	5.7	6.0	6.3	6.7	6.0	5.9
APR 2036	7.0	4.7	4.3	5.0	5.7	6.7	7.0	7.0	6.0	5.8
HAVEN (APR 2038)	7.0	5.7	5.0	5.3	6.0	6.0	5.7	6.7	6.0	5.8
BAR LP 10972	6.3	5.0	5.0	5.0	6.0	6.0	6.3	7.0	6.0	5.8
CL 11601	7.3	5.0	5.0	5.3	5.7	6.0	6.0	6.7	6.3	5.8
SOX FAN (GM3)	7.3	5.0	5.0	5.0	5.7	6.0	6.7	6.7	6.3	5.8
PICK 10401	6.7	5.0	5.3	4.7	5.3	6.0	6.3	7.0	6.7	5.8
PPG-PR 134	6.7	5.0	5.3	5.0	5.3	6.0	6.3	7.0	6.3	5.8
PPG-PR 136	7.0	5.0	5.0	5.0	5.7	5.7	6.3	7.0	6.3	5.8
PPG-PR 140	7.3	5.0	5.0	5.0	6.0	5.3	6.3	7.0	6.3	5.8
PRX-4GM1	6.7	5.0	4.7	5.0	6.0	6.3	6.3	6.7	6.3	5.8
SRX-4RHD	7.3	5.0	4.7	5.0	5.7	6.3	6.7	7.0	6.3	5.8
FIESTA 4	7.3	5.3	5.0	4.7	5.3	6.0	6.3	6.7	6.3	5.7
IS-PR 463	6.7	4.7	4.7	5.0	5.7	6.0	6.7	6.7	6.3	5.7
IS-PR 487	6.7	5.0	5.3	5.3	5.3	6.0	6.0	6.3	6.3	5.7
SR 4650 (PSRX-3701)	6.7	4.7	5.0	4.7	5.3	6.3	6.0	6.7	6.7	5.7
PST-2MG7	6.7	4.7	4.7	4.7	6.0	6.0	6.0	7.0	6.3	5.7
SIENNA	7.0	5.0	5.0	5.0	5.3	6.0	6.3	7.0	6.0	5.7
UNO	7.3	5.0	4.3	5.3	5.7	6.0	6.3	7.0	6.0	5.7
DLF LGD-3022	7.0	5.3	5.0	4.7	5.3	6.0	6.7	6.7	5.3	5.6
DLF LGD-3026	7.0	5.3	5.3	5.0	5.7	5.7	5.7	6.7	5.7	5.6
INSIGHT	6.0	4.7	5.3	4.7	5.7	6.0	6.0	6.7	5.7	5.6
IS-PR 409	7.0	5.0	4.7	5.0	5.7	5.7	6.3	6.3	6.0	5.6
IS-PR 469	6.7	4.7	4.7	4.7	5.3	6.0	6.3	7.0	6.0	5.6
IS-PR 489	7.3	5.3	5.0	5.3	5.0	5.7	5.7	6.7	6.0	5.6
PPG-PR 133	7.3	5.0	5.0	5.0	5.3	5.7	6.3	6.7	6.0	5.6
PPG-PR 165	7.0	5.0	5.0	5.0	5.7	5.3	6.0	7.3	5.7	5.6
PST-2ACR	7.0	5.0	4.7	5.0	5.3	6.0	6.0	6.7	6.0	5.6

TABLE 9. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	QUALITY RATINGS APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
BONNEVILLE	7.0	5.0	5.0	4.7	5.3	5.0	5.7	7.0	6.0	5.5
IS-PR 492	7.3	5.0	5.0	5.3	5.3	5.0	6.0	6.7	6.0	5.5
JR-192	7.0	5.0	5.0	5.0	5.3	5.7	6.0	6.3	5.3	5.5
LTP-RAE	7.0	5.0	4.7	4.3	5.3	5.0	5.7	7.3	6.3	5.5
MACH I	7.7	5.0	5.0	5.3	5.3	5.3	5.7	6.0	6.0	5.5
DOMINATOR (PST-2AG4)	7.0	5.0	5.0	4.7	5.3	5.3	5.7	6.7	6.0	5.5
RAD-PR55R	7.7	5.3	5.0	5.0	5.7	5.7	5.7	6.3	5.7	5.5
S85	7.3	5.0	4.3	5.0	5.3	5.7	5.7	7.0	6.3	5.5
SRX-4MSH	6.7	5.0	5.0	5.0	5.3	5.3	5.7	6.7	6.0	5.5
CST	7.3	5.3	5.0	4.7	5.3	5.7	5.7	6.3	5.3	5.4
IS-PR 479	7.3	4.7	4.3	4.7	5.3	5.7	6.0	7.0	5.7	5.4
LTP-PR 135	7.0	4.7	5.0	4.7	5.0	5.0	6.0	7.0	6.0	5.4
PPG-PR 142	7.0	4.7	4.7	5.0	5.3	5.7	6.0	6.7	5.3	5.4
PST-204D	6.7	4.7	5.0	4.7	5.3	5.7	5.7	6.3	5.7	5.4
PST-2NKM	6.3	4.7	4.7	4.3	5.0	5.3	5.7	7.3	6.0	5.4
2NJK	7.0	4.3	4.3	4.3	5.3	5.7	6.0	6.7	6.0	5.3
A-35	7.3	5.0	4.3	4.7	5.0	5.3	5.7	6.0	6.0	5.3
BAR LP 7608	7.0	4.7	5.3	4.7	5.0	4.7	5.7	6.0	6.0	5.3
P02	7.0	5.0	5.0	4.3	5.0	5.3	5.7	6.3	5.7	5.3
PICK 4DFHM	6.7	4.7	4.7	4.3	5.0	5.7	5.7	6.3	6.0	5.3
PPG-PR 164	6.7	4.3	4.7	4.7	5.0	5.3	5.7	6.7	5.7	5.3
PST-2DR9	7.0	4.7	4.7	4.0	4.7	5.0	6.0	7.0	6.0	5.3
APR 2320	6.7	5.0	5.0	5.3	5.0	6.3	5.7	4.3	4.7	5.2
BAR LP 10969	6.7	4.7	4.3	4.3	5.0	5.7	5.7	5.7	6.0	5.2
PST-2MAGS	6.7	4.7	4.3	4.3	4.7	5.3	5.7	6.7	6.0	5.2
APR 2445	7.0	4.3	4.3	4.7	5.0	5.3	5.3	6.3	5.7	5.1
CS-PR66	7.0	5.0	4.7	5.0	5.0	5.3	5.0	5.7	5.0	5.1
GO-G37	7.0	5.0	4.3	4.0	4.7	5.3	5.3	6.3	6.0	5.1
ISG-30	7.3	4.7	4.0	4.3	5.0	5.3	5.3	6.3	5.7	5.1
PPG-PR 128	7.3	4.7	4.7	4.3	4.7	4.3	5.3	6.7	6.0	5.1
PST-2TQL	6.0	4.3	4.3	4.0	4.7	5.3	5.7	6.7	5.7	5.1
RAD-PR62	7.0	5.0	5.0	4.7	5.0	5.3	5.3	5.7	5.0	5.1
CS-20	7.0	4.3	4.3	4.3	5.0	5.3	5.3	5.7	6.0	5.0
GO-DHS	6.7	4.7	4.3	4.7	4.7	4.7	5.3	6.0	6.0	5.0
ISG-31	6.3	4.0	3.7	4.0	4.7	5.7	5.3	6.3	6.0	5.0
PST-2K9	6.7	4.7	4.0	4.3	4.7	5.3	5.3	6.3	5.7	5.0
BRIGHTSTAR SLT	6.3	4.3	4.3	4.3	5.0	4.7	5.3	6.0	5.3	4.9
ISG-36	7.0	4.0	3.7	4.0	4.7	5.0	5.3	6.7	5.7	4.9
DLF LGT 4182	7.3	3.7	3.3	4.0	4.3	4.7	4.7	4.3	5.7	4.3
PINNACLE	5.3	3.3	4.0	3.0	3.7	3.7	4.3	5.0	5.0	4.0
LINN	5.3	2.0	2.0	2.3	2.0	2.0	2.0	2.7	4.3	2.4
LSD VALUE	1.1	1.1	0.9	1.2	1.2	1.5	1.2	1.0	1.8	0.7
C.V. (%)	8.0	12.2	10.7	12.6	12.2	13.9	11.4	9.2	10.6	7.7

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

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

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

	PERCENT ESTABLISHMENT		QUALITY RATINGS					
NAME	OCT	NOV	JUN	JUL	AUG	SEP	OCT	MEAN
RIO VISTA	21.7	43.3	7.0	6.3	6.7	6.3	6.7	6.6
PPG-PR 164	23.3	38.3	6.0	6.7	6.3	6.3	7.3	6.5
SRX-4RHD	20.0	38.3	6.7	6.3	6.3	5.7	6.7	6.3
IS-PR 488	23.3	36.7	6.0	6.3	6.3	6.0	6.3	6.2
PIZZAZZ 2 GLR (PR 909)	23.3	41.7	6.0	6.0	6.0	6.3	6.7	6.2
PANGEA GLR (CL 11701)	21.7	41.7	6.0	6.0	6.3	5.7	6.3	6.1
DLF LGD-3022	23.3	41.7	6.3	5.7	6.3	5.7	6.3	6.1
PICK 10401	23.3	43.3	6.0	6.0	6.0	6.0	6.3	6.1
PPG-PR 136	21.7	36.7	6.3	6.3	5.7	5.7	6.3	6.1
ALLANTE	21.7	41.7	6.0	6.7	5.7	5.3	6.3	6.0
INSIGHT	25.0	40.0	6.3	6.3	6.0	5.0	6.3	6.0
JR-178	23.3	38.3	5.7	6.0	6.0	5.7	6.7	6.0
LTP-PR 135	18.3	40.0	6.0	6.0	6.0	5.3	6.7	6.0
PALMER V	21.7	43.3	6.3	6.3	6.3	5.0	6.0	6.0
PPG-PR 137	16.7	33.3	6.0	6.3	5.7	5.7	6.3	6.0
DOMINATOR (PST-2AG4)	21.7	38.3	6.0	6.0	6.0	5.7	6.3	6.0
PST-2BNS	16.7	36.7	5.3	6.0	6.3	6.7	5.7	6.0
SIENNA	25.0	45.0	6.0	6.3	6.0	5.3	6.3	6.0
APR 2036	16.7	33.3	6.0	5.7	6.0	5.7	6.0	5.9
BONNEVILLE	23.3	40.0	5.3	5.7	6.0	5.7	6.7	5.9
IS-PR 487	15.0	30.0	6.3	6.0	5.7	5.3	6.3	5.9
IS-PR 491	18.3	31.7	5.3	6.0	6.3	5.7	6.3	5.9
OCTANE	25.0	48.3	6.0	6.0	6.0	5.7	5.7	5.9
PPG-PR 138	15.0	30.0	6.3	6.0	5.7	5.0	6.7	5.9
SR 4650 (PSRX-3701)	21.7	33.3	5.7	5.7	5.7	5.7	6.7	5.9
SIDEWAYS (PSRX-S84)	15.0	40.0	5.7	5.7	6.3	5.7	6.3	5.9
PST-2ACR	20.0	41.7	5.7	5.7	6.3	5.7	6.0	5.9
PST-2TQL	20.0	38.3	6.3	6.0	6.0	5.3	6.0	5.9
RAD-PR55R	21.7	45.0	6.0	6.3	6.0	5.3	5.7	5.9
S85	20.0	40.0	5.7	6.0	5.3	5.7	6.7	5.9
CL 11601	25.0	38.3	5.7	5.0	6.0	6.0	6.3	5.8
P02	23.3	46.7	6.3	6.3	5.7	5.3	5.3	5.8
PPG-PR 143	13.3	23.3	5.7	5.3	5.7	5.7	6.7	5.8
PPG-PR 165	18.3	31.7	5.7	5.7	6.0	5.7	6.0	5.8
PST-2NKM	25.0	41.7	6.0	6.3	6.0	5.0	5.7	5.8
UNO	21.7	36.7	7.0	5.7	6.0	4.3	6.0	5.8
HAVEN (APR 2038)	16.7	33.3	6.0	5.7	6.0	5.0	5.7	5.7
IS-PR 492	16.7	28.3	5.7	5.7	6.0	5.7	5.7	5.7
ISG-30	21.7	43.3	6.0	6.3	5.7	5.0	5.7	5.7
PPG-PR 121	21.7	36.7	5.3	5.7	5.7	5.7	6.0	5.7
PPG-PR 140	16.7	28.3	5.7	5.3	5.7	5.7	6.3	5.7
SRX-4MSH	13.3	26.7	5.3	5.7	6.3	5.3	6.0	5.7
BRIGHTSTAR SLT	20.0	36.7	6.0	5.7	5.7	5.0	5.7	5.6
CST	16.7	31.7	6.3	5.3	5.7	5.0	5.7	5.6
FIESTA 4	16.7	28.3	5.7	5.7	5.3	5.3	6.0	5.6
IS-PR 409	18.3	30.0	5.3	5.3	6.0	5.3	6.0	5.6
BAR LP 10969	21.7	35.0	6.0	5.7	5.3	4.7	5.7	5.5

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT ESTABLISHMENT OCT	NOV	JUN	QUALITY RATINGS JUL	AUG	SEP	OCT	MEAN
BAR LP 10970	21.7	36.7	5.3	5.3	5.7	5.3	6.0	5.5
CL 307	26.7	50.0	5.7	5.7	5.7	5.0	5.7	5.5
CS-PR66	18.3	31.7	6.3	5.7	5.7	4.3	5.7	5.5
GO-PR60	20.0	30.0	5.3	5.3	5.7	5.0	6.0	5.5
IS-PR 479	15.0	28.3	5.7	5.7	5.3	5.0	6.0	5.5
LTP-RAE	13.3	30.0	5.0	5.3	5.3	5.7	6.3	5.5
PPG-PR 128	18.3	31.7	5.3	5.7	5.3	5.3	6.0	5.5
PPG-PR 134	15.0	30.0	4.7	5.7	5.3	5.3	6.3	5.5
PPG-PR 142	13.3	25.0	5.0	5.3	5.3	5.7	6.0	5.5
RINOVO	25.0	50.0	6.0	5.3	5.3	5.3	5.7	5.5
2NJK	21.7	38.3	5.3	5.3	5.7	5.0	5.7	5.4
SOX FAN (GM3)	21.7	36.7	5.3	5.3	5.7	5.0	5.7	5.4
IS-PR 463	18.3	30.0	5.0	5.0	5.7	5.3	6.0	5.4
JR-192	20.0	33.3	5.7	5.3	5.3	5.0	5.7	5.4
PPG-PR 133	16.7	30.0	5.3	5.3	5.7	5.0	5.7	5.4
APR 2320	18.3	30.0	6.0	5.0	5.3	4.7	5.3	5.3
BAR LP 10972	20.0	31.7	5.3	5.0	5.7	5.0	5.3	5.3
IS-PR 469	16.7	26.7	5.0	5.3	5.0	5.3	5.7	5.3
IS-PR 489	23.3	26.7	5.3	5.3	5.0	5.0	5.7	5.3
PINNACLE	23.3	41.7	6.7	6.3	5.7	3.7	4.3	5.3
PRX-4GM1	18.3	31.7	5.3	5.7	5.7	4.3	5.3	5.3
PSRX-4CAGL	16.7	26.7	5.0	5.0	5.7	5.3	5.3	5.3
PST-204D	21.7	38.3	5.3	5.3	5.7	5.0	5.3	5.3
PST-2DR9	21.7	38.3	5.3	5.3	5.3	5.0	5.7	5.3
PST-2K9	15.0	35.0	5.0	5.3	5.7	5.0	5.7	5.3
PST-2MAGS	16.7	31.7	4.3	5.0	5.3	5.3	6.3	5.3
RAD-PR62	18.3	25.0	5.0	5.3	5.3	5.3	5.3	5.3
PST-2MG7	16.7	26.7	5.3	5.0	5.3	5.0	5.3	5.2
A-35	21.7	38.3	5.3	5.3	5.7	4.3	5.0	5.1
APR 2445	18.3	26.7	5.3	5.0	5.0	5.0	5.0	5.1
BAR LP 7608	20.0	33.3	4.7	5.7	5.3	4.3	5.3	5.1
CS-20	15.0	30.0	5.3	5.3	5.0	4.3	5.3	5.1
ISG-36	18.3	36.7	5.0	5.0	4.7	5.0	6.0	5.1
MACH I	13.3	30.0	5.3	5.0	5.0	5.0	5.3	5.1
DLF LGD-3026	18.3	33.3	4.7	4.7	4.7	5.0	5.3	4.9
DLF LGT 4182	18.3	30.0	6.0	5.3	5.0	3.7	4.7	4.9
GO-G37	13.3	21.7	5.3	5.3	4.7	4.3	5.0	4.9
PICK 4DFHM	18.3	31.7	5.0	4.7	5.3	4.7	4.7	4.9
GO-DHS	20.0	33.3	5.7	5.0	4.7	4.0	4.3	4.7
ISG-31	21.7	31.7	4.7	5.3	4.7	4.0	4.7	4.7
LINN	21.7	40.0	6.3	4.0	4.0	3.0	3.3	4.1
LSD VALUE	11.2	15.7	3.4	3.3	1.6	1.3	1.5	1.7
C.V. (%)	23.6	21.8	15.8	14.9	11.6	13.5	12.8	11.0

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 ST. PAUL, MN 1/

2011 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	PINK SNOW MOLD	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PPG-PR 138	7.0	7.3	6.7	5.7	5.7	5.7	6.3	6.7	7.3	6.2
PST-2BNS	5.0	7.3	5.7	5.3	6.0	6.7	6.3	6.0	6.3	6.1
S85	6.3	6.7	5.0	5.3	5.7	6.0	6.3	7.0	6.3	6.1
PANGEA GLR (CL 11701)	6.7	7.7	7.3	6.7	5.7	5.3	6.0	6.0	6.3	6.0
SRX-4RHD	5.3	7.0	6.0	5.7	6.0	5.7	6.3	5.7	6.7	6.0
PPG-PR 121	5.7	8.0	5.7	6.0	5.7	5.7	6.3	5.7	6.3	5.9
PPG-PR 140	5.7	7.0	6.3	6.0	5.7	6.0	5.7	6.0	6.0	5.9
PICK 10401	6.0	7.0	5.3	6.0	5.7	6.0	6.3	5.7	5.0	5.8
PPG-PR 142	5.3	6.7	6.0	6.3	5.0	6.0	6.0	6.0	5.3	5.8
SIENNA	5.0	8.0	5.0	5.3	5.0	6.0	6.7	5.7	6.3	5.8
IS-PR 463	6.0	7.0	4.7	5.0	6.0	5.7	6.3	5.3	5.7	5.7
PPG-PR 137	6.3	7.3	5.3	5.3	5.0	5.3	6.3	6.3	5.7	5.7
APR 2320	7.3	6.0	6.3	5.0	6.0	6.0	4.7	6.0	5.7	5.6
IS-PR 409	6.3	6.7	5.0	5.3	5.7	5.3	5.7	5.7	6.0	5.6
JR-178	5.7	7.0	6.0	5.3	5.7	6.0	5.7	5.3	5.3	5.6
PALMER V	5.3	7.7	5.0	5.7	5.7	5.7	5.3	5.3	6.0	5.6
SR 4650 (PSRX-3701)	6.3	7.0	5.0	5.0	5.3	5.3	6.3	5.7	5.7	5.6
PST-2ACR	6.0	7.0	5.7	5.0	5.3	5.7	5.7	5.7	6.0	5.6
APR 2036	6.0	6.3	6.0	5.0	5.3	5.3	6.0	5.0	6.3	5.5
IS-PR 491	6.3	6.7	5.7	5.7	6.0	5.0	5.7	5.3	5.3	5.5
CL 11601	5.0	7.3	5.3	5.3	5.0	5.7	5.7	5.7	5.0	5.4
CST	6.7	6.7	5.3	5.0	5.0	5.3	5.3	6.0	6.0	5.4
DLF LGD-3022	6.0	7.3	5.0	4.7	5.3	5.7	5.7	5.7	5.7	5.4
GO-PR60	7.0	7.7	4.0	4.7	5.7	5.3	5.3	5.3	6.0	5.4
INSIGHT	4.0	8.0	5.3	5.0	5.0	5.7	5.7	5.3	5.7	5.4
IS-PR 487	5.0	6.7	4.7	4.7	5.0	5.7	6.3	5.7	5.3	5.4
JR-192	5.3	7.3	5.3	5.0	6.0	5.7	5.3	5.0	5.7	5.4
RIO VISTA	6.3	7.0	4.7	5.0	5.7	5.3	6.0	5.3	5.3	5.4
BAR LP 10970	6.0	6.3	5.0	5.0	5.7	6.0	5.3	5.0	5.0	5.3
OCTANE	6.3	7.7	6.3	6.0	5.7	5.7	5.0	4.7	4.7	5.3
PO2	4.7	6.7	6.7	5.0	5.0	6.0	5.7	5.0	5.0	5.3
PPG-PR 128	4.7	7.3	6.3	5.0	5.0	5.3	5.7	5.0	5.7	5.3
PPG-PR 136	6.7	6.7	4.3	5.0	5.7	5.0	5.0	5.7	5.3	5.3
PPG-PR 143	6.0	7.3	5.3	5.0	5.0	5.7	5.3	5.3	5.3	5.3
PPG-PR 165	5.7	6.7	5.0	4.7	4.7	5.3	6.0	5.7	5.3	5.3
PIZZAZZ 2 GLR (PR 909)	6.0	7.3	5.0	4.7	5.0	5.0	6.0	6.0	5.3	5.3
PST-2NKM	5.3	7.3	6.0	5.0	5.0	5.0	5.3	5.3	6.0	5.3
ALLANTE	4.3	8.3	4.0	4.7	5.0	5.0	5.7	5.7	5.0	5.2
BAR LP 10972	6.0	6.0	6.3	5.3	5.0	5.3	5.3	4.7	5.7	5.2
IS-PR 489	5.3	7.3	5.7	5.3	5.0	5.7	5.3	5.0	5.0	5.2
PPG-PR 133	5.0	7.3	5.3	5.0	5.0	5.0	5.0	5.7	5.3	5.2
PPG-PR 134	5.3	6.7	6.7	5.3	5.0	5.7	5.0	5.0	5.3	5.2
CL 307	6.0	7.3	5.0	5.3	5.0	5.0	5.0	5.0	5.0	5.1
CS-PR66	6.7	6.7	5.3	5.0	5.7	5.0	5.3	4.7	5.0	5.1
FIESTA 4	6.7	7.3	4.7	5.0	5.3	5.0	5.0	4.7	5.3	5.1
IS-PR 479	6.3	5.7	5.0	5.0	5.7	5.0	5.0	4.7	5.3	5.1
SIDEWAYS (PSRX-S84)	4.7	6.7	4.3	5.0	5.0	5.7	5.0	5.0	5.0	5.1

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	PINK SNOW MOLD	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	MEAN
RINOVO	7.0	7.3	3.7	4.7	5.3	5.0	5.0	5.0	5.3	5.1
2NJK	5.7	7.0	4.7	4.3	5.0	5.3	5.3	5.0	5.0	5.0
PRX-4GM1	5.0	7.0	5.7	4.3	5.3	5.0	5.0	5.0	5.3	5.0
PST-2K9	5.7	6.7	5.7	5.3	5.0	5.3	4.7	4.7	5.0	5.0
SOX FAN (GM3)	6.0	7.7	7.0	4.7	5.0	5.0	5.0	4.7	5.3	4.9
PST-204D	5.7	6.7	5.3	4.7	4.7	5.3	5.0	4.7	5.0	4.9
DOMINATOR (PST-2AG4)	5.3	6.3	5.3	4.7	4.7	5.0	5.0	5.0	5.3	4.9
RAD-PR55R	8.0	6.3	5.0	5.0	5.7	5.3	5.0	3.7	5.0	4.9
UNO	4.7	7.7	5.0	5.0	5.3	5.3	4.7	4.7	4.7	4.9
GO-G37	8.3	6.0	5.0	4.7	5.3	5.0	4.3	4.3	5.3	4.8
IS-PR 488	5.3	6.0	5.3	4.0	4.7	5.0	5.0	5.0	5.0	4.8
ISG-36	8.7	6.3	4.7	4.7	5.3	5.0	4.7	4.3	4.7	4.8
PSRX-4CAGL	7.7	7.0	4.7	5.0	5.3	4.7	4.7	4.3	4.7	4.8
PST-2DR9	5.0	7.0	4.3	4.0	4.7	5.0	4.7	5.3	5.0	4.8
RAD-PR62	5.7	7.3	3.7	4.0	5.0	5.0	4.7	4.7	5.3	4.8
BAR LP 10969	4.7	6.7	5.3	4.3	4.7	5.3	4.0	4.7	5.3	4.7
LTP-PR 135	5.3	7.7	4.3	4.3	4.7	4.7	4.7	5.0	5.0	4.7
LTP-RAE	6.7	6.0	4.3	3.3	4.7	5.0	5.0	5.0	5.3	4.7
IS-PR 492	6.0	6.7	4.3	4.0	4.3	4.7	5.3	4.7	4.7	4.6
A-35	9.0	6.0	5.7	5.0	5.3	4.3	4.3	3.3	4.7	4.5
ISG-30	8.7	6.0	4.3	4.7	5.3	4.7	4.3	4.0	4.0	4.5
PST-2TQL	5.7	6.3	3.3	4.0	4.7	4.7	4.0	4.7	5.0	4.5
SRX-4MSH	5.0	7.0	4.0	4.3	4.7	4.3	4.3	4.7	4.7	4.5
APR 2445	6.3	6.3	3.3	3.7	4.3	5.0	4.7	4.3	4.3	4.4
BONNEVILLE	5.0	6.7	4.3	4.0	4.3	5.0	4.0	4.7	4.7	4.4
BRIGHTSTAR SLT	4.0	7.3	4.7	4.0	4.0	5.3	4.0	4.3	4.7	4.4
ISG-31	7.3	6.7	5.0	4.3	5.0	4.3	4.0	4.0	4.7	4.4
MACH I	6.7	6.0	4.0	4.7	5.0	4.0	4.7	4.0	4.3	4.4
PPG-PR 164	6.3	7.3	3.3	3.7	4.7	4.3	4.7	4.7	4.3	4.4
HAVEN (APR 2038)	4.3	6.7	5.7	4.3	4.3	4.7	4.3	3.7	4.3	4.3
DLF LGT 4182	6.7	5.0	5.7	4.7	5.0	5.7	2.7	4.3	3.7	4.3
DLF LGD-3026	6.7	6.7	3.3	4.0	4.7	4.3	4.0	3.7	3.7	4.1
IS-PR 469	6.7	6.3	3.3	3.7	4.3	4.3	4.0	4.0	4.3	4.1
PST-2MG7	6.3	5.7	4.0	3.3	4.3	4.3	4.0	4.0	4.7	4.1
BAR LP 7608	4.0	7.0	4.7	4.0	4.0	4.0	2.7	3.7	4.3	3.8
CS-20	8.0	6.0	3.7	3.7	4.0	3.7	3.3	3.3	4.0	3.7
PST-2MAGS	7.0	6.7	2.7	3.0	4.0	4.0	3.7	3.3	4.0	3.7
PICK 4DFHM	5.3	7.0	3.7	3.7	4.0	4.0	3.3	3.0	3.7	3.6
GO-DHS	8.3	6.3	3.3	3.7	3.7	3.0	3.0	2.7	3.3	3.2
PINNACLE	2.0	7.7	4.7	2.7	3.0	4.3	2.0	2.3	2.7	2.8
LINN	1.0	7.7	4.7	1.0	1.3	2.0	1.0	1.0	1.0	1.2
LSD VALUE	1.1	1.0	4.8	2.0	1.4	1.2	1.6	1.3	1.4	1.1
C.V. (%)	12.3	8.4	29.4	21.0	15.3	13.8	18.8	16.5	15.8	13.5

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 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/

2011 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	BROWN PATCH WARM TEMP.	QUALITY RATINGS MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
IS-PR 469	7.0	92.7	78.3	4.7	5.3	6.3	7.7	6.0	5.0	4.0	7.3	7.0	7.3	6.2
PST-2BNS	6.3	97.7	78.3	5.3	6.0	6.3	6.3	6.0	5.3	4.3	6.3	7.3	6.7	6.1
SRX-4RHD	6.3	96.3	78.3	5.3	5.3	6.0	6.3	6.0	4.7	3.3	6.3	8.0	7.7	6.0
APR 2445	6.3	96.0	81.7	7.0	6.0	6.0	6.3	6.0	4.7	4.3	6.0	7.0	7.0	5.9
PPG-PR 134	5.3	97.7	79.3	5.7	5.3	6.0	6.3	5.7	5.0	3.7	6.3	7.0	7.3	5.9
PANGEA GLR (CL 11701)	6.0	97.7	68.3	4.7	5.7	5.7	6.3	5.0	4.3	3.7	5.7	8.0	7.7	5.8
ISG-31	7.3	96.3	83.3	4.7	4.0	5.0	5.7	5.3	4.3	3.0	8.3	8.3	8.3	5.8
UNO	6.0	97.7	86.7	5.3	5.7	6.3	6.7	6.0	5.0	4.0	4.7	7.0	7.0	5.8
A-35	9.0	97.7	75.0	3.7	4.7	5.3	6.3	5.7	3.7	2.7	6.7	8.3	7.7	5.7
APR 2036	6.7	97.7	66.7	4.3	4.3	5.7	7.0	5.7	3.7	3.3	6.7	7.0	7.7	5.7
IS-PR 487	5.3	99.0	75.0	6.0	5.0	6.3	6.7	6.0	5.0	3.3	5.7	6.3	7.0	5.7
IS-PR 491	7.3	96.3	81.7	5.3	6.0	6.0	6.3	5.3	4.7	4.0	5.3	6.7	7.0	5.7
BONNEVILLE	5.7	96.3	73.3	4.7	5.3	6.0	6.3	4.0	4.0	3.3	6.7	7.3	7.3	5.6
IS-PR 488	6.0	96.3	75.0	5.3	5.7	6.3	6.0	5.3	4.7	4.0	4.0	7.0	7.0	5.6
JR-178	6.3	99.0	78.3	4.7	4.7	6.0	6.7	5.3	3.7	3.7	7.0	6.3	7.0	5.6
RAD-PR62	6.3	97.7	76.7	4.3	5.7	5.7	6.3	5.0	3.7	3.3	6.0	7.3	7.3	5.6
CL 11601	5.0	97.7	60.0	5.7	5.3	6.0	6.0	5.3	5.0	3.3	5.0	6.7	6.7	5.5
GO-PR60	5.7	94.7	76.7	4.0	3.7	5.0	5.0	5.7	3.7	3.0	7.7	7.7	8.0	5.5
OCTANE	6.3	99.0	76.7	5.0	4.7	5.3	6.3	4.7	3.7	4.0	6.7	7.0	7.0	5.5
PPG-PR 164	6.0	94.7	48.3	4.0	5.0	6.0	6.7	5.0	4.3	2.3	5.3	7.0	7.7	5.5
PRX-4GM1	5.7	99.0	66.7	3.7	5.3	6.3	6.7	5.3	3.7	3.7	5.3	6.3	7.0	5.5
CS-20	8.3	96.7	68.3	3.3	5.3	5.3	6.0	5.0	3.0	3.0	6.7	7.0	7.0	5.4
DLF LGT 4182	5.7	99.0	81.7	3.0	3.7	4.7	5.3	5.3	3.0	3.3	7.0	8.3	8.0	5.4
IS-PR 409	6.3	97.7	68.3	4.3	4.3	5.3	5.7	5.3	4.0	4.3	6.7	6.3	6.7	5.4
IS-PR 463	6.7	97.7	80.0	5.7	4.7	5.3	6.0	5.0	4.3	4.3	6.0	6.3	6.7	5.4
IS-PR 492	6.3	96.0	73.3	5.7	4.7	5.3	6.0	5.3	4.7	4.0	6.0	6.0	6.7	5.4
SIDEWAYS (PSRX-S84)	5.3	99.0	80.0	4.3	4.0	5.3	6.7	5.7	3.7	3.3	6.3	6.7	6.7	5.4
PST-2NKM	5.3	97.7	78.3	5.0	4.7	6.0	6.0	5.3	4.7	4.0	5.0	6.7	6.3	5.4
2NJK	5.0	99.0	91.7	4.3	4.3	5.3	5.3	4.7	4.0	4.3	5.7	7.0	6.7	5.3
BAR LP 7608	5.7	99.0	83.3	5.3	4.3	5.3	5.3	5.0	5.0	4.3	5.3	6.3	6.3	5.3
CS-PR66	7.0	94.7	86.7	4.3	5.0	5.3	5.7	4.7	4.0	3.0	6.7	6.7	7.0	5.3
DLF LGD-3022	5.3	97.7	60.0	5.0	5.0	5.7	6.3	5.3	4.7	3.7	4.7	5.7	6.3	5.3
IS-PR 479	7.3	97.7	58.3	5.0	4.7	5.7	6.0	5.0	4.3	3.3	5.7	6.0	6.7	5.3
ISG-36	8.3	97.3	75.0	3.7	4.3	5.3	6.0	5.7	3.3	2.7	5.7	7.0	7.3	5.3
PALMER V	6.0	97.7	68.3	5.0	4.3	5.7	6.0	5.3	4.3	3.7	5.0	6.7	6.3	5.3
PPG-PR 121	6.0	99.0	80.0	3.3	5.0	6.0	6.0	5.3	3.7	3.7	5.0	6.3	6.3	5.3
PPG-PR 142	6.0	97.7	63.3	4.7	4.7	6.0	6.0	5.3	5.0	3.7	5.0	5.7	6.3	5.3
PPG-PR 143	5.3	96.3	68.3	6.3	4.3	5.3	5.7	5.3	5.0	3.7	5.0	6.3	6.7	5.3
PIZZAZZ 2 GLR (PR 909)	5.7	99.0	48.3	5.3	5.3	6.3	7.0	5.7	4.0	3.3	4.7	5.7	6.0	5.3
PSRX-4CAGL	6.7	96.3	53.3	4.0	4.7	5.3	5.7	5.7	3.7	2.7	6.7	6.3	6.7	5.3
PST-2K9	5.3	94.7	85.0	4.3	4.0	4.7	5.3	5.0	4.0	4.0	5.7	7.7	7.0	5.3
SRX-4MSH	6.0	99.0	86.7	5.3	4.0	5.0	5.7	5.0	5.0	3.7	5.7	7.0	7.0	5.3
ALLANTE	5.0	94.7	41.7	4.7	4.0	5.0	5.7	5.0	4.3	3.3	6.3	6.3	6.7	5.2
BAR LP 10972	6.3	96.3	81.7	5.0	4.3	5.3	5.3	5.7	4.0	3.0	5.7	6.7	7.0	5.2
CL 307	4.7	96.3	73.3	4.3	4.3	5.7	6.0	4.7	4.3	3.7	5.7	6.3	6.3	5.2
CST	6.3	99.0	73.3	5.0	4.7	5.7	5.7	5.3	4.7	4.0	5.0	6.0	6.0	5.2
SOX FAN (GM3)	5.0	99.0	70.0	4.0	4.7	5.7	6.3	5.7	3.7	2.7	5.3	6.3	6.3	5.2

TABLE 12. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	BROWN PATCH WARM TEMP.	QUALITY RATINGS MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
JR-192	6.0	96.3	78.3	5.0	4.0	5.3	6.0	4.7	4.3	3.7	5.3	6.7	6.7	5.2
LTP-PR 135	6.7	97.7	73.3	5.3	5.0	6.0	6.0	4.7	4.7	3.3	5.3	6.0	6.0	5.2
PPG-PR 136	4.3	97.7	65.0	4.0	4.3	5.0	5.3	5.0	3.7	3.3	6.3	6.7	7.3	5.2
PPG-PR 138	5.7	96.3	66.7	4.7	4.0	4.7	5.3	5.7	4.3	3.3	5.3	7.3	7.0	5.2
PPG-PR 140	5.7	97.7	78.3	5.3	4.0	4.7	5.3	5.0	4.7	4.3	5.3	6.3	7.0	5.2
PST-2MAGS	7.0	97.7	63.3	4.7	4.7	5.3	5.7	5.0	4.3	3.0	5.7	6.7	6.7	5.2
S85	6.0	99.0	80.0	4.7	4.7	5.3	5.7	4.7	3.7	3.7	5.3	7.0	6.7	5.2
BAR LP 10969	5.7	94.7	78.3	4.7	3.7	5.0	5.0	5.0	3.7	3.3	5.3	7.3	7.3	5.1
BAR LP 10970	5.3	96.3	85.0	5.3	4.0	4.7	5.0	4.3	4.0	3.0	6.3	7.3	7.3	5.1
BRIGHTSTAR SLT	4.0	96.0	65.0	4.0	4.0	4.7	4.7	5.3	4.0	3.3	6.3	6.7	6.7	5.1
ISG-30	7.7	93.7	73.3	4.0	4.3	5.7	6.0	4.0	3.0	2.3	5.7	7.7	7.3	5.1
PICK 10401	5.3	97.7	73.3	5.0	4.0	5.0	5.3	5.7	4.7	3.3	4.7	6.7	6.7	5.1
PPG-PR 128	6.0	99.0	76.7	5.0	4.3	5.0	5.3	4.7	4.3	3.7	5.7	6.7	6.7	5.1
PPG-PR 133	5.7	97.7	76.7	5.3	3.7	4.7	5.3	5.3	4.3	3.3	6.0	6.7	7.0	5.1
PPG-PR 165	5.0	94.7	71.7	4.0	5.0	5.0	5.3	4.7	3.7	3.3	6.0	6.3	6.7	5.1
SR 4650 (PSRX-3701)	5.7	96.0	71.7	4.3	4.3	5.0	6.3	5.7	4.0	3.3	5.0	6.0	6.3	5.1
PST-2MG7	5.3	97.7	80.0	5.3	4.7	5.7	6.0	4.7	4.0	2.7	5.0	6.7	6.7	5.1
RAD-PR55R	6.3	94.7	76.7	4.0	4.0	5.0	5.0	5.0	4.0	3.3	6.3	7.0	6.7	5.1
RINOVO	5.7	97.7	65.0	3.3	4.7	5.3	5.7	5.3	3.7	3.0	5.7	6.0	6.3	5.1
RIO VISTA	3.7	96.0	55.0	3.7	3.7	5.0	5.3	5.7	4.0	3.0	5.7	7.0	7.0	5.1
GO-G37	6.3	96.3	83.3	3.0	3.7	4.3	4.7	4.3	2.7	2.7	7.7	7.3	7.3	5.0
PINNACLE	3.0	97.7	75.0	4.7	5.7	5.3	5.0	4.0	4.0	3.3	5.3	6.0	6.7	5.0
DOMINATOR (PST-2AG4)	5.7	97.7	76.7	4.7	3.7	4.3	5.0	5.0	4.3	3.3	5.7	6.3	7.0	5.0
HAVEN (APR 2038)	4.7	96.3	75.0	4.3	3.7	5.0	5.0	3.7	4.0	3.3	5.3	7.0	6.7	4.9
IS-PR 489	5.0	96.0	61.7	5.0	4.0	5.0	5.0	4.3	3.3	3.3	5.3	6.3	7.0	4.9
PICK 4DFHM	6.0	97.7	86.7	5.0	3.3	4.3	4.7	4.3	4.3	4.0	5.3	7.0	7.0	4.9
PPG-PR 137	6.3	95.0	85.0	4.3	4.0	5.0	5.0	4.0	3.7	3.7	5.3	6.3	6.7	4.9
PST-2ACR	5.3	96.3	81.7	3.7	4.0	5.0	5.0	3.0	3.7	3.3	6.3	6.7	6.7	4.9
PST-2TQL	5.3	94.7	71.7	4.0	3.7	4.0	4.3	4.0	4.0	3.3	6.3	7.0	7.3	4.9
APR 2320	6.0	93.0	71.7	4.0	3.3	4.7	4.7	4.7	3.7	3.7	5.7	6.3	6.3	4.8
GO-DHS	6.0	95.0	83.3	3.7	3.7	4.0	4.0	3.7	3.0	2.7	7.0	7.7	7.7	4.8
MACH I	6.7	97.7	78.3	3.3	4.3	5.0	5.7	4.7	3.0	3.0	5.3	5.7	6.3	4.8
PO2	4.7	97.7	73.3	3.7	3.7	4.7	4.7	4.3	3.3	3.0	5.3	7.0	7.0	4.8
PST-2O4D	5.0	93.7	65.0	5.0	3.7	4.3	4.7	4.3	4.7	3.0	6.0	6.0	6.3	4.8
PST-2DR9	5.0	93.3	71.7	4.3	3.7	4.7	5.0	3.3	4.0	3.3	6.3	6.0	6.7	4.8
FIESTA 4	5.7	93.3	73.3	3.3	3.3	4.0	4.0	4.3	3.0	3.0	6.3	6.7	7.3	4.7
INSIGHT	5.0	99.0	56.7	5.3	4.7	4.7	5.7	5.0	4.7	4.0	3.7	5.0	5.3	4.7
LTP-RAE	5.0	90.0	43.3	6.7	3.7	4.3	4.3	4.3	4.7	3.7	5.3	5.7	6.0	4.7
DLF LGD-3026	6.0	93.7	50.0	3.3	3.7	4.7	5.0	3.7	3.7	2.7	5.7	5.7	6.7	4.6
SIENNA	5.7	99.0	55.0	4.7	4.0	5.0	5.0	6.0	3.7	2.7	4.7	4.3	5.3	4.5
LINN	2.3	98.3	68.3	3.0	3.7	3.7	3.3	2.3	2.7	2.0	2.7	3.0	3.7	3.0
LSD VALUE	1.4	8.8	37.3	2.4	2.2	1.8	1.9	1.4	1.6	2.2	2.6	2.3	2.0	0.7
C.V. (%)	14.8	2.9	20.1	23.4	20.8	15.3	16.6	15.2	18.5	22.2	19.8	15.6	12.3	7.5

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

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

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
IS-PR 463	7.0	5.0	6.3	7.3	7.3	5.3	6.3	8.0	6.7	6.8
SR 4650 (PSRX-3701)	7.0	4.7	6.3	6.7	7.3	6.0	6.3	8.0	6.7	6.8
PPG-PR 133	7.0	4.7	6.0	7.0	7.3	6.0	6.0	8.0	6.7	6.7
S85	7.3	4.7	6.7	7.0	7.0	6.0	6.0	8.0	6.3	6.7
ALLANTE	6.7	4.3	6.7	7.0	7.3	5.7	5.7	8.0	6.0	6.6
GO-PR60	7.0	5.3	6.7	7.3	7.0	4.7	6.0	8.0	6.3	6.6
IS-PR 469	7.0	6.3	6.0	7.0	7.0	5.3	6.0	7.7	7.0	6.6
IS-PR 487	7.0	5.3	6.3	7.3	7.3	5.7	5.7	7.7	6.3	6.6
IS-PR 489	7.0	5.0	6.3	7.3	6.3	5.3	6.7	8.0	6.0	6.6
MACH I	7.0	4.7	6.0	7.7	7.3	4.7	6.0	8.0	6.7	6.6
PPG-PR 138	7.0	5.0	6.3	7.3	7.3	5.3	5.3	8.0	6.3	6.6
PPG-PR 164	7.0	4.7	6.7	7.0	7.3	5.0	6.0	8.0	6.3	6.6
PPG-PR 165	7.0	4.7	6.7	7.0	7.0	5.3	6.0	8.0	6.3	6.6
PSRX-4CAGL	7.0	5.7	6.3	7.0	7.3	5.7	5.7	7.7	6.7	6.6
PST-2NKM	7.0	4.7	6.0	7.3	7.3	5.3	5.0	8.0	7.0	6.6
CL 11601	7.0	4.7	6.0	6.7	6.7	5.7	6.0	8.0	6.7	6.5
CS-PR66	7.3	5.0	6.3	7.0	7.3	5.0	5.7	8.0	6.3	6.5
IS-PR 491	7.0	4.3	6.3	7.3	6.7	5.3	5.7	7.7	6.3	6.5
IS-PR 492	7.0	4.7	6.0	7.3	7.0	4.7	6.0	8.0	6.3	6.5
LTP-PR 135	7.0	6.0	6.0	6.7	7.3	5.3	5.7	7.7	6.7	6.5
PALMER V	7.0	4.0	6.0	7.0	7.0	5.0	5.7	8.0	6.7	6.5
PPG-PR 137	7.0	5.3	6.7	7.0	7.3	5.3	5.3	8.0	6.0	6.5
PST-2ACR	7.0	4.7	6.0	6.7	6.7	5.0	6.7	8.0	6.7	6.5
RAD-PR55R	7.7	5.0	6.0	7.0	7.0	5.0	6.0	8.0	6.7	6.5
RIO VISTA	7.0	5.0	6.3	7.0	7.0	5.3	5.3	8.0	6.3	6.5
2NJK	7.0	5.3	6.0	6.7	6.7	5.3	6.0	7.7	6.7	6.4
HAVEN (APR 2038)	7.0	5.3	6.0	7.3	7.0	5.0	6.0	7.7	6.0	6.4
APR 2445	7.0	5.3	6.0	6.3	6.3	5.7	6.0	8.0	6.3	6.4
BONNEVILLE	7.0	5.7	5.7	6.7	7.0	5.3	5.7	7.7	6.7	6.4
PANGEA GLR (CL 11701)	7.3	5.3	5.7	6.7	7.0	5.7	5.7	8.0	6.3	6.4
CST	7.0	5.7	6.0	7.3	7.0	5.0	5.3	8.0	6.3	6.4
FIESTA 4	7.0	5.3	6.7	7.3	6.3	5.0	5.3	8.0	6.3	6.4
SOX FAN (GM3)	7.0	5.0	6.0	7.0	6.3	5.3	6.0	7.7	6.3	6.4
PICK 10401	7.0	4.7	6.0	7.0	6.7	5.3	5.3	8.0	6.7	6.4
PIZZAZZ 2 GLR (PR 909)	7.0	5.3	6.0	7.0	7.0	4.7	5.7	8.0	6.3	6.4
PST-2K9	7.0	4.3	5.7	6.7	6.7	5.3	6.3	8.0	6.0	6.4
RINOVO	7.0	5.3	5.7	7.0	6.3	5.3	6.0	8.0	6.3	6.4
BAR LP 10969	7.0	4.7	6.0	7.0	6.7	5.0	6.3	7.7	5.7	6.3
CL 307	7.3	4.0	5.7	6.3	6.7	5.0	6.3	7.3	6.7	6.3
IS-PR 488	7.0	4.3	5.7	6.7	6.3	5.3	6.0	8.0	6.0	6.3
JR-178	7.0	5.3	6.3	7.3	7.0	4.7	5.0	8.0	6.0	6.3
LTP-RAE	7.0	6.0	6.3	7.0	6.7	4.7	5.7	8.0	6.0	6.3
OCTANE	7.0	5.0	6.0	6.7	6.7	4.7	5.7	7.7	6.7	6.3
PO2	7.0	4.7	6.3	6.7	6.3	4.7	5.7	8.0	6.3	6.3
PPG-PR 121	7.0	5.3	6.0	7.0	6.7	5.0	5.7	7.7	6.0	6.3
PPG-PR 134	7.0	5.3	6.0	6.7	7.3	5.3	4.7	7.7	6.7	6.3
PPG-PR 136	7.3	5.3	6.0	7.0	7.0	5.0	5.7	7.7	6.0	6.3

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PPG-PR 140	7.0	4.7	6.0	6.7	7.3	5.0	5.3	7.7	6.0	6.3
PPG-PR 142	7.0	5.0	6.0	6.7	7.0	5.0	5.7	7.7	6.3	6.3
PPG-PR 143	7.0	4.7	6.0	7.0	7.0	5.0	5.0	8.0	6.3	6.3
PST-2BNS	7.0	4.7	6.3	7.3	6.3	4.3	5.0	8.0	6.7	6.3
RAD-PR62	7.0	5.0	5.7	7.0	6.3	5.0	6.3	7.3	6.3	6.3
SIENNA	6.7	4.7	6.3	7.0	6.3	5.0	5.3	8.0	6.3	6.3
SRX-4RHD	7.0	5.7	6.0	6.7	6.3	5.0	6.0	8.0	6.0	6.3
UNO	7.0	5.0	5.7	7.0	6.7	5.7	5.3	7.3	6.3	6.3
BAR LP 7608	6.7	5.0	5.7	7.0	6.3	4.7	5.3	8.0	6.3	6.2
BRIGHTSTAR SLT	6.7	4.7	5.3	6.3	6.7	5.3	6.3	7.7	6.0	6.2
INSIGHT	6.7	4.7	6.0	7.3	5.7	4.7	5.3	7.7	6.7	6.2
IS-PR 479	7.0	6.0	6.0	6.7	6.7	4.7	5.3	7.7	6.3	6.2
PPG-PR 128	7.0	4.7	6.3	7.3	6.7	4.7	4.3	7.7	6.3	6.2
SIDEWAYS (PSRX-S84)	7.0	4.7	6.0	6.7	6.0	5.0	6.0	7.7	6.0	6.2
PST-204D	7.0	3.7	5.7	6.7	7.3	5.7	4.7	7.3	6.3	6.2
DOMINATOR (PST-2AG4)	7.0	3.7	5.7	6.7	7.0	5.0	5.3	7.7	6.0	6.2
PST-2TQL	7.0	3.7	5.7	6.7	7.0	5.0	5.3	7.3	6.3	6.2
APR 2036	7.0	5.7	6.0	6.7	6.3	4.7	5.0	8.0	6.0	6.1
APR 2320	7.0	5.7	5.3	7.0	6.3	5.3	5.7	7.3	6.0	6.1
BAR LP 10972	7.0	5.7	6.3	7.0	7.0	4.3	4.7	7.7	6.0	6.1
IS-PR 409	7.0	5.7	5.7	7.0	6.3	4.3	5.3	7.7	6.7	6.1
ISG-31	7.3	4.3	5.7	6.7	6.3	5.0	5.3	7.7	6.0	6.1
PRX-4GM1	7.0	5.7	6.0	6.7	6.0	4.7	5.7	7.3	6.3	6.1
PST-2MAGS	7.0	4.3	5.7	6.7	6.7	4.7	5.3	7.7	6.0	6.1
PST-2MG7	7.0	5.0	5.7	6.7	6.7	5.0	5.3	7.3	6.3	6.1
A-35	7.3	5.7	6.0	6.7	6.3	4.3	5.3	7.3	6.3	6.0
BAR LP 10970	7.0	4.7	6.0	6.7	6.7	4.0	4.7	7.7	6.0	6.0
DLF LGD-3022	7.0	5.3	6.0	6.7	5.7	4.3	5.3	7.7	6.0	6.0
DLF LGD-3026	7.0	5.0	6.0	6.7	6.7	4.0	5.0	7.3	6.0	6.0
DLF LGT 4182	7.0	5.7	6.0	6.7	6.3	4.3	6.0	7.0	6.0	6.0
GO-G37	7.3	4.7	6.0	6.3	6.3	4.3	5.7	7.7	6.0	6.0
PST-2DR9	7.0	4.7	5.7	6.7	6.7	4.7	4.7	7.3	6.3	6.0
CS-20	7.7	6.0	5.7	6.3	6.0	4.3	5.7	7.3	6.0	5.9
GO-DHS	7.7	4.7	5.3	6.3	6.0	4.3	5.7	7.3	6.3	5.9
PICK 4DFHM	7.0	5.0	5.7	6.7	6.3	4.3	4.3	7.7	6.3	5.9
SRX-4MSH	7.0	6.0	5.7	6.7	6.0	4.3	5.0	7.7	6.0	5.9
ISG-36	8.0	5.0	5.7	6.0	6.0	4.0	5.3	7.3	6.0	5.8
JR-192	7.0	4.7	5.7	6.0	6.0	4.7	5.0	7.3	6.0	5.8
PINNACLE	5.7	4.0	4.7	6.7	6.3	4.3	5.0	7.3	6.0	5.8
ISG-30	8.0	4.3	5.3	6.0	6.0	4.3	4.7	7.0	6.0	5.6
LINN	5.0	3.3	3.7	5.0	5.0	3.7	3.3	5.3	4.3	4.3
LSD VALUE	0.4	4.3	1.2	1.5	2.1	1.2	3.3	0.8	1.0	0.6
C.V. (%)	3.6	20.6	9.3	8.2	10.7	12.2	16.5	5.5	7.3	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 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/

2011 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	BROWN PATCH WARM TEMP.	SEEDHEAD RATINGS	QUALITY RATINGS APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
IS-PR 469	7.7	70.0	5.7	9.0	6.3	8.7	8.0	7.7	7.7	7.0	8.0	7.7	7.6
PICK 10401	6.3	86.7	7.3	7.0	5.7	8.3	7.7	6.7	7.3	7.3	7.3	8.7	7.4
PPG-PR 164	7.0	86.7	6.3	7.0	6.7	7.3	7.0	7.3	7.7	7.3	8.0	7.7	7.4
PANGEA GLR (CL 11701)	8.7	86.7	6.3	6.0	7.0	7.7	6.0	6.7	7.3	7.0	8.3	7.7	7.2
IS-PR 491	7.7	71.7	6.0	7.0	6.0	8.0	7.3	6.3	7.0	7.0	8.3	7.7	7.2
RINOVO	7.0	88.3	7.0	7.3	6.0	7.7	7.3	6.7	7.3	7.0	7.3	7.7	7.1
GO-PR60	8.3	73.3	4.3	7.3	6.3	7.3	7.7	6.7	6.3	7.3	7.3	6.7	7.0
IS-PR 409	7.7	70.0	5.0	7.0	6.3	7.3	7.0	6.3	6.7	7.0	7.7	7.3	7.0
SR 4650 (PSRX-3701)	7.0	91.7	5.7	6.3	6.0	7.0	6.0	6.7	8.0	7.7	7.7	6.7	7.0
IS-PR 463	7.7	80.0	6.7	6.3	6.0	6.7	6.3	6.3	7.3	6.7	8.0	7.7	6.9
PPG-PR 136	7.3	71.7	6.0	5.3	6.0	7.0	5.7	6.3	7.0	7.0	7.7	8.3	6.9
PPG-PR 121	6.7	86.7	5.7	6.0	6.3	6.3	6.0	6.0	7.3	6.7	8.0	8.0	6.8
APR 2445	7.3	71.7	4.7	6.3	7.0	6.0	5.7	7.7	7.7	5.7	7.0	6.7	6.7
JR-178	6.3	85.0	3.7	6.0	5.3	7.3	6.7	6.3	7.0	6.0	7.7	7.0	6.7
PPG-PR 165	6.7	81.7	7.0	6.7	6.0	6.3	6.7	6.7	7.0	6.7	6.7	7.7	6.7
RIO VISTA	7.3	80.0	4.7	5.7	6.3	6.0	6.3	6.3	7.0	6.7	7.3	7.3	6.7
S85	7.0	80.0	5.0	5.0	5.7	7.0	5.0	7.3	7.0	7.0	7.3	7.3	6.7
IS-PR 492	7.0	75.0	5.7	5.7	6.3	6.0	6.3	6.3	7.3	6.3	7.0	7.3	6.6
SIENNA	6.0	86.7	5.7	8.3	5.3	7.3	7.3	6.3	7.0	6.3	6.7	6.3	6.6
SRX-4RHD	6.7	80.0	5.3	5.7	5.7	6.7	6.0	6.3	7.0	6.3	7.7	7.3	6.6
LTP-RAE	7.0	75.0	4.7	7.0	4.7	5.0	7.0	6.7	7.0	6.0	7.7	7.7	6.5
RAD-PR55R	8.7	75.0	3.7	6.3	6.0	7.7	6.3	7.3	6.0	6.0	7.0	6.0	6.5
CS-PR66	7.7	68.3	4.0	7.0	6.3	7.0	7.0	7.0	6.0	6.3	6.3	5.3	6.4
FIESTA 4	8.0	83.3	4.0	5.7	5.7	7.3	6.3	5.0	6.7	6.3	7.3	6.7	6.4
IS-PR 487	5.7	71.7	6.3	6.7	5.7	6.7	6.7	6.7	5.7	5.7	6.7	7.3	6.4
PPG-PR 134	6.3	78.3	5.7	5.7	6.0	6.7	6.3	6.7	6.3	5.7	6.0	7.3	6.4
PST-2BNS	4.7	81.7	5.7	7.0	6.0	6.7	6.7	6.7	5.3	6.0	6.7	7.0	6.4
APR 2036	7.0	73.3	5.0	7.3	5.0	7.0	7.0	6.3	6.3	6.0	6.7	6.0	6.3
APR 2320	6.7	78.3	3.0	9.0	5.3	7.7	8.7	7.3	5.0	4.7	6.3	5.0	6.3
IS-PR 489	7.7	75.0	4.3	4.3	6.0	5.7	5.0	4.7	7.0	6.3	7.3	8.0	6.3
MACH I	7.7	78.3	3.7	6.7	5.3	8.0	7.0	5.7	5.3	6.0	7.0	6.0	6.3
PPG-PR 133	6.3	76.7	4.7	5.3	5.3	6.3	6.0	6.0	6.7	6.0	6.7	7.7	6.3
PIZZAZZ 2 GLR (PR 909)	7.3	85.0	5.0	5.7	5.7	6.7	6.0	6.0	6.3	6.0	6.7	6.7	6.3
CL 307	6.7	85.0	4.3	4.3	6.7	6.7	3.7	5.7	6.7	6.0	6.7	7.7	6.2
INSIGHT	5.7	85.0	6.3	8.7	5.0	7.0	7.3	6.3	6.7	5.7	6.0	5.7	6.2
PPG-PR 138	7.0	81.7	3.7	6.3	5.3	6.7	6.7	6.3	6.0	5.3	6.0	7.0	6.2
PSRX-4CAGL	8.0	78.3	3.7	5.3	5.0	8.0	6.3	5.0	6.0	5.7	7.0	6.7	6.2
SIDEWAYS (PSRX-S84)	6.3	80.0	4.7	4.7	5.3	6.7	5.0	5.3	6.7	6.7	6.7	7.0	6.2
BAR LP 10970	6.3	76.7	4.7	8.3	5.0	7.7	7.3	6.7	5.7	6.0	5.7	5.0	6.1
IS-PR 479	8.0	71.7	4.0	7.3	5.7	7.7	6.7	6.0	5.7	5.7	6.0	5.7	6.1
OCTANE	6.3	91.7	4.3	5.3	5.3	7.0	5.0	5.3	6.7	5.7	7.0	7.0	6.1
PPG-PR 137	6.3	81.7	5.0	5.0	4.7	5.7	4.3	6.3	7.3	6.0	7.0	7.3	6.1
PRX-4GM1	6.3	83.3	5.3	5.0	6.0	5.3	4.0	6.0	7.0	6.0	7.0	7.3	6.1
DOMINATOR (PST-2AG4)	7.3	80.0	3.7	4.7	6.7	7.0	5.7	5.3	6.0	6.0	6.3	6.0	6.1
ALLANTE	5.0	88.3	6.0	7.7	5.3	7.7	6.7	6.0	6.0	5.7	5.7	5.3	6.0
IS-PR 488	6.3	66.7	5.0	5.3	5.7	5.0	5.0	5.3	7.0	5.3	7.0	7.7	6.0
PST-2MAGS	7.7	76.7	3.3	4.3	6.7	6.7	4.3	6.3	5.3	6.0	6.7	6.3	6.0

TABLE 14. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/

2011 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SPRING	BROWN PATCH WARM TEMP.	SEEDHEAD RATINGS	QUALITY RATINGS APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLF LGD-3026	8.0	81.7	2.3	4.3	6.0	7.3	5.7	4.3	5.3	5.0	6.7	6.7	5.9
PST-2K9	6.3	81.7	4.3	5.3	6.0	5.7	4.7	6.3	6.7	5.7	6.3	5.7	5.9
UNO	6.3	86.7	5.3	6.0	5.7	5.7	6.0	6.7	5.7	5.7	6.7	5.0	5.9
LTP-PR 135	5.7	75.0	4.7	4.3	4.7	6.7	5.0	5.7	6.7	5.0	6.0	7.0	5.8
PPG-PR 142	5.3	78.3	4.0	4.7	5.7	6.0	5.0	5.3	6.0	5.0	6.3	7.3	5.8
PPG-PR 143	6.0	78.3	4.3	5.0	4.7	6.7	5.3	5.7	6.3	5.0	6.3	6.7	5.8
CST	5.0	68.3	3.7	5.3	5.0	6.0	5.3	5.0	6.0	5.0	6.0	7.0	5.7
DLF LGD-3022	5.3	88.3	4.7	4.0	4.3	5.7	4.3	5.3	7.3	4.7	6.7	7.0	5.7
SOX FAN (GM3)	6.3	85.0	4.7	4.7	5.0	5.7	4.3	5.7	6.3	5.7	6.0	7.0	5.7
RAD-PR62	7.0	73.3	3.7	6.0	4.7	6.7	5.7	7.0	5.7	5.7	5.0	5.3	5.7
SRX-4MSH	5.3	78.3	5.3	6.0	5.0	6.3	6.0	5.7	5.3	5.3	6.0	6.0	5.7
2NJK	5.7	80.0	4.0	3.7	6.3	4.7	3.7	5.3	6.0	6.0	7.0	6.0	5.6
CL 11601	6.0	90.0	5.0	4.0	5.0	5.3	4.3	5.0	6.7	5.3	6.3	6.7	5.6
JR-192	5.3	71.7	5.0	8.0	5.3	7.7	7.3	6.7	4.3	5.0	4.7	3.7	5.6
PALMER V	6.7	88.3	3.7	6.0	4.3	6.3	5.3	5.0	6.3	6.0	6.3	5.3	5.6
A-35	9.0	70.0	3.3	8.3	5.3	6.0	6.3	6.3	5.7	5.0	5.3	4.3	5.5
BAR LP 10969	5.0	75.0	5.0	5.3	5.3	7.0	5.3	5.7	6.0	5.3	4.0	4.3	5.4
BONNEVILLE	6.0	75.0	4.7	3.3	5.0	4.0	3.7	5.3	6.0	5.7	6.7	6.7	5.4
GO-G37	8.7	76.7	3.7	5.3	6.0	6.0	5.0	4.7	5.3	5.3	5.3	5.3	5.4
HAVEN (APR 2038)	5.0	85.0	4.7	4.7	5.3	5.0	4.7	5.3	5.7	5.0	5.7	5.3	5.3
ISG-30	8.7	75.0	2.7	5.3	6.3	7.0	5.0	5.0	5.0	4.3	4.7	5.3	5.3
ISG-36	8.3	75.0	2.3	6.3	6.3	5.7	5.7	4.7	5.3	5.0	5.0	4.7	5.3
PPG-PR 128	5.0	78.3	4.3	4.7	4.7	4.7	3.7	5.3	5.3	5.3	6.3	7.3	5.3
PST-204D	7.0	83.3	2.7	4.3	5.0	5.7	4.7	6.0	5.7	5.7	5.0	5.0	5.3
PST-2MG7	7.7	78.3	2.7	4.0	5.7	5.7	3.7	6.0	5.0	5.0	5.7	6.0	5.3
PPG-PR 140	4.7	75.0	4.3	5.7	4.3	5.7	5.0	5.7	5.3	4.7	5.3	5.7	5.2
PST-2NKM	5.7	80.0	5.7	4.0	6.0	5.3	4.7	5.7	5.0	4.3	5.0	5.3	5.2
BAR LP 10972	7.0	70.0	3.0	6.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	3.7	5.1
PST-2DR9	6.0	85.0	3.3	3.7	6.0	4.7	4.0	5.7	5.7	4.3	5.3	5.0	5.1
PST-2TQL	6.7	85.0	4.0	5.7	5.0	6.7	5.7	5.0	5.3	4.0	4.3	4.7	5.1
CS-20	9.0	73.3	3.0	5.3	6.0	5.0	4.7	5.0	4.3	4.7	4.7	4.7	4.9
DLF LGT 4182	8.0	66.7	3.7	4.7	6.3	5.0	5.0	4.7	4.3	4.3	4.0	4.3	4.8
PST-2ACR	7.3	76.7	3.7	3.0	5.0	5.0	3.7	4.0	5.0	4.7	5.7	5.3	4.8
ISG-31	8.3	80.0	2.7	4.7	5.3	4.3	4.0	5.3	5.3	4.0	4.3	4.7	4.7
PICK 4DFHM	5.0	78.3	3.7	4.0	4.0	5.0	4.3	5.0	5.7	4.0	5.0	4.7	4.7
P02	6.0	70.0	3.7	4.0	5.3	5.0	3.7	4.7	4.3	4.3	4.7	4.7	4.6
BRIGHTSTAR SLT	4.7	85.0	4.0	4.3	5.7	4.3	4.0	4.3	4.3	4.0	4.7	4.0	4.4
GO-DHS	8.7	78.3	2.7	5.7	5.0	5.7	4.0	3.7	4.7	3.7	4.0	4.3	4.4
BAR LP 7608	4.0	76.7	3.0	5.7	4.7	4.7	5.3	3.0	3.3	3.3	3.7	3.3	3.9
PINNACLE	1.0	90.0	3.3	4.3	3.7	3.0	3.0	2.3	3.0	3.0	2.7	2.0	2.8
LINN	1.0	86.7	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.2	7.7	1.7	1.4	1.8	1.0	1.2	1.4	1.3	1.4	1.3	1.1	0.7
C.V. (%)	12.3	6.1	23.6	15.9	16.9	10.3	14.1	15.6	14.1	15.9	13.8	12.4	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.

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA (GRAY LEAF SPOT STUDY), NJ 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT ESTABLISH-MENT	GRAY LEAF SPOT RATINGS SEP 2 51 DAYS	SEP 22 71 DAYS	QUALITY RATINGS SEP	OCT	NOV	MEAN
SR 4650 (PSRX-3701)	91.7	8.7	8.0	7.7	7.7	8.3	7.9
PICK 10401	84.0	8.0	8.3	7.7	7.7	8.0	7.8
CL 11601	77.3	8.0	7.0	6.7	7.7	8.3	7.6
PANGEA GLR (CL 11701)	85.7	8.0	7.0	6.3	8.0	8.3	7.6
CL 307	85.0	8.7	7.7	7.0	7.7	8.0	7.6
OCTANE	90.0	7.7	6.7	6.7	8.0	8.0	7.6
IS-PR 488	85.0	7.3	7.0	6.7	8.0	7.3	7.3
JR-178	83.3	8.0	7.3	7.3	7.3	7.3	7.3
S85	78.3	7.3	7.0	7.3	7.3	7.0	7.2
IS-PR 489	86.7	7.7	7.3	6.7	7.3	7.3	7.1
PPG-PR 134	83.3	8.3	7.3	6.7	7.3	7.0	7.0
PPG-PR 164	90.0	8.3	7.3	6.7	7.3	7.0	7.0
PPG-PR 165	86.7	7.7	7.3	6.3	7.3	7.3	7.0
BONNEVILLE	79.0	7.7	7.0	6.3	6.7	7.3	6.8
PPG-PR 133	81.7	6.7	6.3	6.3	6.7	7.3	6.8
PIZZAZZ 2 GLR (PR 909)	84.7	8.0	6.7	6.0	7.0	7.3	6.8
PPG-PR 121	90.7	7.7	7.0	6.3	6.7	7.0	6.7
PPG-PR 136	75.0	6.0	5.3	5.7	7.3	7.0	6.7
PPG-PR 138	92.3	7.3	6.0	6.0	7.7	6.3	6.7
SIDEWAYS (PSRX-S84)	92.3	8.3	7.7	6.7	6.7	6.7	6.7
PPG-PR 143	90.0	7.3	6.3	6.0	7.0	6.7	6.6
IS-PR 469	82.3	6.7	5.0	5.7	7.0	6.7	6.4
PPG-PR 137	86.7	7.3	7.3	5.7	6.7	7.0	6.4
IS-PR 492	76.7	7.0	6.0	6.0	6.3	6.7	6.3
PPG-PR 142	86.7	7.3	6.0	6.0	6.3	6.7	6.3
LTP-PR 135	73.3	7.7	6.3	6.3	6.0	6.3	6.2
LTP-RAE	83.3	7.3	6.3	6.7	5.7	6.3	6.2
PPG-PR 140	85.0	6.3	6.3	5.7	6.3	6.3	6.1
RIO VISTA	75.0	7.0	6.0	5.3	6.0	7.0	6.1
IS-PR 409	78.3	5.7	4.3	5.7	6.0	6.3	6.0
PPG-PR 128	85.0	6.3	6.0	5.0	6.3	6.7	6.0
PST-2MAGS	75.0	6.7	5.7	5.3	6.0	6.0	5.8
SRX-4RHD	86.7	5.7	4.7	5.0	6.3	6.0	5.8
IS-PR 463	73.3	6.0	5.0	4.3	6.0	6.7	5.7
IS-PR 487	86.7	5.7	6.0	5.3	6.0	5.7	5.7
CST	76.7	6.7	5.3	5.0	5.3	6.3	5.6
SOX FAN (GM3)	86.7	7.0	5.0	5.0	5.3	6.3	5.6
IS-PR 491	80.0	7.0	4.7	4.7	5.7	5.7	5.3
PSRX-4CAGL	85.0	7.0	5.3	4.7	5.0	6.3	5.3
PRX-4GM1	83.3	7.3	6.0	4.7	5.0	6.0	5.2
PST-2BNS	76.7	6.0	4.3	4.7	5.0	5.7	5.1
RINOVO	86.7	6.0	4.7	4.0	5.7	5.7	5.1
FIESTA 4	76.7	6.3	4.7	4.7	5.0	5.3	5.0
APR 2445	75.0	5.7	4.3	4.3	5.0	5.3	4.9
DLF LGD-3022	85.0	5.0	4.3	4.0	4.7	5.7	4.8
DLF LGD-3026	85.0	5.3	4.3	4.0	5.0	5.3	4.8
PALMER V	86.7	5.3	4.3	3.7	4.7	5.3	4.6

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA (GRAY LEAF SPOT STUDY), NJ 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT ESTABLISH-MENT	GRAY LEAF SPOT RATINGS SEP 2 51 DAYS	SEP 22 71 DAYS	QUALITY RATINGS SEP	OCT	NOV	MEAN
PST-2MG7	68.3	5.0	3.7	4.0	4.7	5.0	4.6
2NJK	83.3	5.3	3.7	4.0	4.3	5.0	4.4
PST-2NKM	83.3	6.0	4.0	4.0	4.3	4.7	4.3
APR 2036	78.3	5.7	4.0	3.3	4.3	5.0	4.2
HAVEN (APR 2038)	86.7	5.0	4.3	3.7	4.7	4.3	4.2
SRX-4MSH	80.0	4.3	4.0	3.3	3.7	4.3	3.8
PST-2ACR	75.0	4.7	3.0	2.7	3.7	4.7	3.7
UNO	76.7	4.0	3.0	3.0	3.7	4.0	3.6
PST-2DR9	71.7	4.0	2.7	3.3	3.3	3.7	3.4
PST-2K9	73.3	5.0	3.7	3.0	3.3	4.0	3.4
PICK 4DFHM	83.3	4.0	3.3	2.7	3.3	4.0	3.3
DOMINATOR (PST-2AG4)	68.3	4.0	3.0	3.0	3.0	3.0	3.0
IS-PR 479	78.3	3.7	2.3	2.0	2.7	3.7	2.8
P02	80.0	4.0	2.7	2.3	2.7	3.0	2.7
CS-PR66	71.7	3.7	2.3	2.0	2.7	3.0	2.6
GO-PR60	83.3	3.3	2.0	1.7	3.0	3.0	2.6
ISG-36	75.0	4.0	2.3	2.3	2.3	3.0	2.6
PST-204D	85.0	4.0	1.7	2.0	2.7	3.0	2.6
A-35	66.7	3.7	1.7	1.7	2.7	3.0	2.4
BAR LP 10970	81.7	3.0	2.0	2.0	2.7	2.7	2.4
RAD-PR55R	75.0	3.7	2.3	2.3	2.3	2.7	2.4
BAR LP 10969	81.7	3.0	1.7	1.7	2.0	3.0	2.2
ISG-31	76.7	3.3	2.0	2.0	2.0	2.7	2.2
PST-2TQL	75.0	3.7	1.7	2.0	2.0	2.7	2.2
CS-20	65.0	3.7	1.7	1.7	2.0	2.7	2.1
ISG-30	71.7	3.0	1.0	1.3	2.3	2.7	2.1
SIENNA	76.7	3.0	2.3	2.0	2.0	2.3	2.1
ALLANTE	85.0	2.7	1.7	1.7	1.7	2.0	1.8
GO-G37	66.7	3.3	1.3	1.7	1.7	2.0	1.8
BAR LP 10972	66.7	2.7	1.3	1.7	1.3	2.0	1.7
INSIGHT	85.0	2.7	2.0	1.3	1.7	2.0	1.7
MACH I	85.7	3.0	1.3	1.3	1.3	2.3	1.7
DLF LGT 4182	65.0	2.7	1.3	1.3	1.7	1.7	1.6
BRIGHTSTAR SLT	73.3	3.0	1.7	1.3	1.0	2.0	1.4
GO-DHS	73.3	2.7	1.0	1.0	1.7	1.3	1.3
RAD-PR62	63.3	1.7	1.0	1.0	1.0	2.0	1.3
BAR LP 7608	71.7	2.0	1.3	1.3	1.0	1.0	1.1
JR-192	68.3	2.0	1.0	1.0	1.0	1.3	1.1
PINNACLE	70.0	2.3	1.0	1.0	1.0	1.3	1.1
APR 2320	71.7	1.3	1.0	1.0	1.0	1.0	1.0
LINN	65.0	1.3	1.0	1.0	1.0	1.0	1.0
LSD VALUE	28.6	1.2	1.1	1.1	1.3	1.2	1.0
C.V. (%)	13.3	15.7	17.6	19.1	18.9	16.9	15.1

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

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

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	QUALITY RATINGS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
RINOVO	7.7	7.0	6.3	6.7	7.0	7.0	7.7	6.7	7.3	7.3	6.7	6.0	6.0	6.3	6.8
IS-PR 491	7.7	6.3	6.0	6.7	7.0	6.3	7.3	7.0	7.7	7.0	6.3	6.3	6.0	6.7	6.7
IS-PR 469	7.3	5.7	6.0	6.7	7.0	7.0	7.7	6.7	7.0	6.7	6.0	6.3	6.0	6.3	6.6
PPG-PR 121	7.7	7.0	6.0	6.3	6.7	6.3	7.3	7.0	7.3	6.7	6.0	6.7	6.3	6.3	6.6
SRX-4RHD	7.7	7.0	6.3	6.3	7.0	7.0	7.0	7.3	7.3	6.7	6.0	6.0	6.0	6.0	6.6
APR 2036	7.3	6.3	6.0	6.3	7.0	6.7	7.7	7.0	7.3	6.7	6.0	5.7	5.7	5.7	6.5
CS-20	8.0	6.7	6.3	6.3	6.7	7.0	7.0	7.0	7.0	7.0	5.7	6.0	6.0	6.0	6.5
FIESTA 4	6.7	6.3	6.0	6.3	7.0	6.3	7.0	6.7	6.7	6.7	6.3	6.3	6.0	6.3	6.5
SOX FAN (GM3)	7.0	6.7	6.0	6.3	7.0	6.3	7.0	6.7	7.0	6.7	6.3	6.7	6.0	6.3	6.5
IS-PR 409	7.7	6.7	6.0	6.3	6.7	6.3	7.3	7.0	7.7	6.7	6.0	6.0	6.0	6.0	6.5
IS-PR 479	7.0	6.3	6.0	6.3	6.7	7.0	7.3	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.5
IS-PR 487	7.3	6.0	6.0	6.3	7.0	7.0	6.7	7.0	7.3	6.0	6.3	6.7	5.7	5.7	6.5
PPG-PR 128	7.7	7.0	6.3	6.3	6.7	6.0	7.0	6.7	7.7	7.0	6.3	6.3	6.0	6.0	6.5
PSRX-4CAGL	7.7	6.7	6.3	6.3	7.0	6.7	7.0	7.0	7.0	6.7	6.0	6.0	6.0	6.3	6.5
PST-2BNS	7.3	6.3	6.0	6.0	6.7	6.3	7.0	7.3	7.7	6.7	6.0	6.3	6.0	6.3	6.5
SIENNA	7.3	6.7	6.0	6.0	6.7	7.0	7.3	7.0	7.3	6.7	6.0	6.3	5.7	6.3	6.5
PANGEA GLR (CL 11701)	7.0	6.3	6.0	6.7	7.0	7.0	7.0	6.7	7.0	6.3	6.0	6.3	5.3	5.3	6.4
IS-PR 463	7.0	6.7	6.0	6.3	6.7	6.7	7.0	7.0	7.0	7.0	6.0	5.7	6.0	6.0	6.4
IS-PR 489	7.3	7.0	6.0	6.0	6.3	6.3	7.0	7.0	7.0	6.0	6.0	6.3	6.0	6.3	6.4
IS-PR 492	7.3	7.0	6.0	6.0	6.7	6.3	7.0	7.0	7.3	6.0	6.0	6.3	5.7	6.0	6.4
ISG-30	7.3	7.0	5.7	6.0	6.7	6.7	7.0	7.0	7.0	6.3	5.7	5.7	6.0	6.7	6.4
PALMER V	7.0	7.0	6.3	6.0	6.3	6.3	7.0	6.7	6.7	6.7	6.0	6.0	6.0	6.3	6.4
PPG-PR 133	7.0	7.0	6.0	6.0	6.3	6.0	6.7	6.7	7.0	6.7	6.3	6.7	6.0	6.3	6.4
PPG-PR 134	7.0	6.7	6.0	6.0	7.0	6.3	7.0	6.7	7.3	6.3	6.0	6.0	6.0	6.0	6.4
PPG-PR 137	7.0	6.3	6.0	6.0	7.0	6.7	7.0	6.7	7.0	6.7	5.7	6.0	5.7	6.0	6.4
PPG-PR 164	7.0	7.0	6.7	6.7	6.7	6.0	7.0	6.7	7.0	6.7	6.0	6.0	6.0	6.0	6.4
PIZZAZZ 2 GLR (PR 909)	7.3	6.0	5.7	6.0	6.3	6.0	7.0	6.7	7.0	6.7	6.7	6.3	6.0	6.3	6.4
RIO VISTA	7.3	6.7	6.0	6.3	6.3	6.3	7.3	6.7	7.0	6.7	6.0	6.3	6.0	6.0	6.4
A-35	8.0	6.7	6.0	6.7	7.0	6.7	7.7	7.0	7.0	6.0	5.0	5.7	5.3	5.7	6.3
BONNEVILLE	7.0	7.0	6.0	6.0	6.3	6.0	6.7	6.7	7.0	6.3	6.0	6.3	6.0	6.3	6.3
CL 307	7.0	6.3	5.7	6.0	6.0	6.3	6.7	6.7	7.0	6.3	6.0	6.3	6.0	6.0	6.3
DLF LGD-3022	7.0	6.7	6.0	6.0	6.0	6.0	7.0	6.3	6.7	6.7	6.0	6.0	6.0	6.3	6.3
DLF LGD-3026	7.3	7.0	6.0	6.3	7.0	6.7	7.0	6.7	6.7	5.7	5.3	6.0	6.0	6.3	6.3
INSIGHT	6.3	6.3	6.0	6.3	6.7	6.7	7.7	6.7	6.7	6.0	6.0	5.7	5.3	6.0	6.3
IS-PR 488	7.0	5.7	6.0	6.3	7.0	6.0	6.7	6.7	7.0	6.3	6.0	6.0	6.0	6.0	6.3
JR-178	7.0	7.0	6.0	6.0	7.0	6.3	6.7	6.7	7.0	6.7	6.0	5.7	5.7	5.7	6.3
LTP-PR 135	7.0	7.0	6.0	6.0	6.3	6.3	7.0	7.0	7.0	6.3	6.0	6.0	5.7	5.7	6.3
LTP-RAE	6.7	6.0	6.0	6.7	6.3	6.3	6.7	6.7	6.7	6.3	6.0	6.0	5.7	6.0	6.3
MACH I	7.0	6.7	5.3	6.3	6.3	6.7	7.0	7.0	7.0	6.3	6.0	6.0	6.0	5.7	6.3
OCTANE	7.0	7.0	6.0	6.0	6.7	7.0	6.7	6.7	6.7	6.0	6.0	6.0	6.0	6.3	6.3
PPG-PR 136	7.0	7.0	6.0	6.7	6.7	6.3	7.0	6.3	7.0	6.3	5.7	6.0	6.0	6.0	6.3
PPG-PR 140	6.7	6.7	5.7	6.0	6.3	6.3	7.0	6.7	6.7	6.0	6.0	6.0	6.0	6.3	6.3
PPG-PR 142	6.7	6.0	6.0	6.3	6.7	7.0	7.0	6.3	6.7	6.7	6.0	5.7	5.7	5.7	6.3
PPG-PR 143	6.7	6.3	6.0	6.0	6.7	6.3	7.3	6.3	6.3	6.3	6.0	6.3	6.0	6.3	6.3
SR 4650 (PSRX-3701)	6.7	6.7	6.0	6.0	7.0	6.7	6.7	6.3	7.0	6.3	5.3	6.0	5.7	6.3	6.3
PST-2DR9	7.0	6.7	6.0	6.0	6.3	6.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.3	6.3
RAD-PR55R	6.7	6.3	6.0	6.0	7.0	7.0	7.3	7.0	6.3	6.0	6.0	5.7	5.7	5.7	6.3

TABLE 16. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/

2011 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	QUALITY RATINGS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
S85	7.0	6.7	6.0	6.7	6.7	6.7	7.0	7.0	6.7	6.0	6.0	5.7	5.7	5.7	6.3
HAVEN (APR 2038)	7.0	7.0	6.0	6.0	6.3	6.0	6.3	6.7	7.0	6.0	6.0	6.0	6.0	6.0	6.2
CL 11601	7.0	6.7	6.0	6.0	7.0	6.0	6.3	6.3	7.0	6.0	6.0	6.0	5.7	5.7	6.2
CS-PR66	7.3	5.7	5.7	6.0	7.0	6.3	7.0	7.0	7.0	6.0	5.7	5.7	5.7	5.7	6.2
CST	6.3	6.3	6.0	6.3	7.0	6.3	6.7	6.0	7.0	6.3	5.7	5.7	5.7	5.3	6.2
GO-PR60	7.7	6.3	6.0	6.0	6.0	6.0	7.3	6.7	7.0	6.0	6.0	6.0	6.0	5.7	6.2
ISG-31	7.7	7.0	5.7	6.0	6.3	6.0	7.0	7.0	7.0	6.3	6.0	5.7	5.7	6.0	6.2
PICK 10401	6.7	6.7	6.0	6.0	7.0	6.3	7.3	6.7	6.7	6.0	5.7	5.7	5.3	5.7	6.2
PPG-PR 138	7.0	6.7	6.0	6.0	6.3	6.0	7.0	6.7	6.7	6.3	5.7	5.7	5.7	6.0	6.2
PPG-PR 165	7.0	6.3	6.0	6.0	6.7	6.3	7.0	7.0	6.7	6.0	5.7	5.7	5.3	6.0	6.2
PRX-4GM1	7.0	6.7	6.0	6.0	6.3	6.0	7.0	6.7	7.0	6.7	5.7	5.7	5.7	6.0	6.2
SIDEWAYS (PSRX-S84)	6.7	6.7	6.0	6.3	6.3	6.0	7.0	6.7	7.0	5.7	5.7	5.7	6.0	6.0	6.2
UNO	7.0	6.3	6.0	6.3	6.7	6.0	7.0	6.3	7.0	6.3	6.0	5.7	5.7	5.3	6.2
2NJK	7.0	7.0	6.0	6.0	6.3	6.0	7.0	6.7	7.0	6.3	5.7	5.7	5.3	5.7	6.1
APR 2445	7.3	6.3	6.3	6.0	6.7	6.0	6.7	6.7	7.0	6.3	5.7	5.3	5.3	5.3	6.1
BAR LP 10970	6.7	7.0	5.7	6.0	6.0	6.3	7.0	6.7	7.3	6.0	5.3	6.0	5.3	5.3	6.1
GO-G37	7.0	7.0	5.7	6.0	6.7	6.7	7.0	7.0	7.0	6.0	5.3	5.3	5.3	5.3	6.1
ISG-36	7.7	6.7	5.3	6.0	6.7	6.7	7.3	7.0	6.3	6.0	5.3	5.7	5.3	5.0	6.1
PO2	7.0	6.0	5.7	6.3	6.0	6.0	7.0	7.0	6.7	5.7	5.7	6.0	5.7	6.0	6.1
PICK 4DFHM	6.7	6.3	5.7	6.0	6.0	6.0	6.7	6.3	6.7	6.0	5.7	5.7	6.0	6.0	6.1
PST-2MAGS	7.0	6.7	5.7	6.0	6.3	6.3	6.7	6.7	7.0	6.3	5.7	5.7	5.7	5.7	6.1
PST-2MG7	7.0	6.7	5.7	6.0	6.3	6.3	6.7	6.7	7.0	6.0	5.3	5.7	5.7	5.7	6.1
PST-2NKM	7.0	7.0	5.7	5.7	6.3	6.0	6.7	6.7	7.0	6.0	5.3	6.0	5.7	5.7	6.1
SRX-4MSH	7.0	6.7	5.7	6.0	6.3	6.0	7.0	6.7	7.3	6.0	5.7	5.7	5.3	5.7	6.1
ALLANTE	6.3	6.7	5.7	6.0	6.3	6.3	7.0	6.3	6.7	6.0	5.3	6.0	5.0	5.3	6.0
BAR LP 10969	6.3	6.7	5.3	6.0	7.0	6.3	6.7	6.3	7.0	5.7	5.3	5.7	5.0	5.7	6.0
DLF LGT 4182	7.0	7.0	5.7	6.0	6.0	6.0	6.7	7.0	6.7	5.0	5.3	6.0	5.3	6.0	6.0
PST-204D	6.7	6.7	5.7	5.7	6.0	6.0	7.0	7.0	6.7	5.0	5.0	6.0	6.0	6.0	6.0
DOMINATOR (PST-2AG4)	7.3	7.0	6.0	6.3	6.3	6.3	6.3	6.7	7.0	6.0	5.3	5.3	5.3	5.3	6.0
PST-2TQL	7.0	6.7	5.7	6.0	6.7	6.0	6.7	6.3	6.7	6.0	5.3	5.7	5.0	5.7	6.0
APR 2320	7.7	6.3	6.0	6.0	6.0	6.0	6.7	6.7	7.0	6.0	5.3	5.0	5.0	5.0	5.9
BRIGHTSTAR SLT	6.7	6.7	5.3	6.0	6.0	6.0	6.3	6.3	7.0	5.7	5.3	5.7	5.0	5.7	5.9
PST-2ACR	6.3	6.7	5.7	5.7	6.0	6.0	6.3	6.3	7.0	6.0	5.3	5.3	5.3	5.3	5.9
PST-2K9	6.7	6.0	5.0	6.0	6.3	6.3	6.3	6.3	6.7	5.3	5.0	5.7	5.7	6.0	5.9
BAR LP 7608	6.3	7.0	5.3	6.0	6.0	6.0	6.7	6.7	6.7	5.3	5.3	5.3	4.7	5.3	5.8
GO-DHS	7.3	6.7	5.3	6.0	6.0	6.0	6.7	6.7	6.3	5.7	5.0	5.3	5.3	5.3	5.8
RAD-PR62	6.7	6.7	6.0	6.0	6.0	5.7	6.7	6.7	6.7	6.0	5.0	5.0	5.0	5.3	5.8
BAR LP 10972	7.0	6.3	6.0	6.0	6.0	6.0	7.0	6.7	7.0	5.7	5.0	4.7	4.3	4.3	5.7
JR-192	6.7	7.0	5.0	5.0	6.0	6.0	7.0	6.3	6.7	5.7	5.0	5.3	4.7	5.3	5.7
PINNACLE	5.7	6.7	5.7	6.0	6.0	5.7	6.7	6.0	6.3	4.3	5.0	5.3	5.3	5.3	5.6
LINN	6.0	6.7	4.0	5.0	5.0	5.0	6.3	6.0	6.3	5.0	5.0	5.3	5.3	5.3	5.3
LSD VALUE	0.9	1.8	0.6	0.7	0.7	0.6	1.0	1.5	1.5	0.8	0.7	0.8	0.7	0.9	0.3
C.V. (%)	6.7	8.2	5.8	5.8	6.2	5.9	6.2	6.5	6.7	7.7	6.7	7.1	6.9	8.2	2.8

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 17. PERCENT GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/
2010 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 2/ 3/
2011 DATA

	BEFORE TRAFFIC IS STARTED AUGUST 27		AFTER TRAFFIC IS COMPLETED OCTOBER 10	
NAME	NO WEAR	WEAR	NO WEAR	WEAR
LTP-PR 135	99	99.0	98.7	88.0
CL 11601	99	99.0	99.0	84.3
SIENNA	99	99.0	99.0	84.3
IS-PR 492	99	99.0	99.0	84.0
PPG-PR 128	99	99.0	99.0	84.0
IS-PR 469	99	99.0	99.0	83.7
PPG-PR 140	99	99.0	99.0	83.0
IS-PR 487	99	99.0	99.0	82.7
SRX-4RHD	99	99.0	99.0	82.3
PPG-PR 138	99	99.0	99.0	82.0
SOX FAN (GM3)	99	99.0	99.0	82.0
LTP-RAE	99	99.0	99.0	81.7
PPG-PR 142	99	99.0	99.0	81.7
IS-PR 488	99	99.0	99.0	81.3
PICK 10401	99	99.0	99.0	81.3
PPG-PR 165	99	99.0	99.0	81.3
S85	99	99.0	99.0	81.0
IS-PR 489	99	99.0	99.0	80.7
PPG-PR 164	99	99.0	99.0	80.7
RINOVO	99	99.0	99.0	80.7
DLF LGD-3022	99	99.0	99.0	80.0
PPG-PR 133	99	99.0	99.0	80.0
SR 4650 (PSRX-3701)	99	99.0	99.0	80.0
UNO	99	99.0	99.0	80.0
P02	99	99.0	98.3	79.3
DLF LGD-3026	99	99.0	99.0	79.0
CST	99	99.0	99.0	78.7
BAR LP 10969	99	99.0	99.0	78.3
RAD-PR55R	99	99.0	98.3	78.3
INSIGHT	99	99.0	98.7	77.7
PPG-PR 137	99	99.0	99.0	77.7
PPG-PR 143	99	99.0	99.0	77.7
APR 2320	99	99.0	99.0	77.3
BAR LP 10972	99	98.3	99.0	77.3
PST-204D	99	99.0	99.0	77.3
OCTANE	99	99.0	99.0	77.0
PALMER V	99	99.0	99.0	77.0
PPG-PR 136	99	99.0	99.0	77.0
RIO VISTA	99	99.0	99.0	77.0
APR 2445	99	99.0	99.0	76.7
BRIGHTSTAR SLT	99	99.0	98.7	76.7
PANGEA GLR (CL 11701)	99	99.0	99.0	76.7
CL 307	99	99.0	99.0	76.3
HAVEN (APR 2038)	99	99.0	99.0	76.3
PIZZAZZ 2 GLR (PR 909)	99	99.0	98.7	76.3
PSRX-4CAGL	99	99.0	99.0	76.3
DOMINATOR (PST-2AG4)	99	99.0	99.0	76.0

TABLE 17. PERCENT GROUND COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 2/ 3/
2011 DATA

	BEFORE TRAFFIC IS STARTED AUGUST 27		AFTER TRAFFIC IS COMPLETED OCTOBER 10	
NAME	NO WEAR	WEAR	NO WEAR	WEAR
GO-G37	99.0	99.0	99.0	76.0
IS-PR 491	99.0	99.0	99.0	76.0
PRX-4GM1	99.0	99.0	99.0	76.0
BONNEVILLE	99.0	99.0	99.0	75.7
PST-2BNS	99.0	99.0	99.0	75.7
PST-2NKM	99.0	99.0	99.0	75.7
PST-2TQL	99.0	99.0	99.0	75.7
MACH I	99.0	99.0	99.0	75.3
PPG-PR 121	99.0	99.0	99.0	75.3
2NJK	99.0	99.0	98.7	75.0
PICK 4DFHM	99.0	98.7	99.0	75.0
CS-PR66	99.0	99.0	99.0	74.3
BAR LP 10970	99.0	99.0	99.0	74.0
IS-PR 479	99.0	99.0	99.0	74.0
ISG-30	99.0	99.0	99.0	74.0
PINNACLE	99.0	99.0	96.3	74.0
IS-PR 409	99.0	99.0	98.7	73.3
ISG-31	99.0	99.0	99.0	73.3
ISG-36	99.0	99.0	99.0	73.3
SRX-4MSH	99.0	99.0	98.3	73.3
SIDEWAYS (PSRX-S84)	99.0	99.0	99.0	73.0
GO-PR60	99.0	99.0	99.0	72.3
APR 2036	99.0	99.0	99.0	71.7
PST-2ACR	99.0	99.0	98.7	71.7
A-35	99.0	99.0	98.3	71.0
PST-2MAGS	99.0	99.0	99.0	70.3
JR-192	99.0	99.0	98.3	70.0
PPG-PR 134	99.0	99.0	99.0	70.0
PST-2DR9	99.0	99.0	99.0	69.3
CS-20	99.0	99.0	98.7	69.0
GO-DHS	99.0	99.0	98.0	69.0
IS-PR 463	99.0	99.0	99.0	68.7
PST-2K9	99.0	99.0	99.0	68.7
ALLANTE	99.0	99.0	99.0	68.3
FIESTA 4	99.0	99.0	99.0	67.7
JR-178	99.0	99.0	99.0	67.7
LINN	96.7	97.0	96.7	67.7
PST-2MG7	99.0	98.7	98.3	67.3
RAD-PR62	99.0	99.0	99.0	66.0
BAR LP 7608	99.0	98.7	99.0	65.0
DLF LGT 4182	98.3	98.7	98.0	49.3
LSD VALUE	0.3	0.5	0.7	21.0
C.V. (%)	0.2	0.3	0.4	10.6

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/ TRAFFIC IS APPLIED USING A BRINKMANN TRAFFIC SIMULATOR TO APPROXIMATE 60 FOOTBALL GAMES OVER A TEN WEEK PERIOD IN FALL.

TABLE 18. PERCENT COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST 1/
AT KINGSTON (SALT TOLERANCE IN GREENHOUSE), RI 2/
2011 DATA

	PERCENT COVER FOR DIFFERENT SALT LEVELS (PPM)					ADJUSTED PERCENT COVER RATINGS FOR DIFFERENT SALT LEVELS (PPM)			
NAME	5000 3/	7500	10000	12500	15000	7500 4/	10000	12500	15000
PST-2MAGS	95.0	99.0	89.5	79.5	66.0	104.3	94.3	83.8	69.3
RINOVO	38.3	52.3	53.3	35.8	19.8	153.8	149.0	94.8	62.8
PPG-PR 121	82.3	88.8	84.3	66.0	41.3	109.0	102.3	80.5	50.0
IS-PR 479	92.0	91.0	82.8	62.0	38.3	99.3	89.8	67.5	41.8
PINNACLE	84.8	83.8	85.0	62.5	34.0	99.0	100.8	73.8	40.8
PST-2NKM	85.0	87.3	77.8	55.0	32.8	103.8	90.8	62.8	37.3
UNO	87.5	89.3	85.0	67.3	32.0	102.3	97.3	76.8	36.8
RAD-PR62	85.8	92.5	86.0	48.0	29.0	108.5	101.3	56.0	34.5
BAR LP 7608	91.5	97.3	94.3	73.3	30.8	107.5	105.0	80.0	33.5
BRIGHTSTAR SLT	88.8	81.0	75.0	56.8	30.5	91.5	84.0	63.0	33.5
PICK 4DFHM	77.0	80.5	69.5	55.5	26.0	104.5	90.8	70.8	33.3
S85	81.5	72.0	71.8	40.3	25.3	89.8	90.8	52.0	32.8
SRX-4MSH	40.5	54.3	44.0	31.0	15.0	156.8	125.5	72.5	32.8
HAVEN (APR 2038)	72.8	78.5	70.5	48.5	23.5	107.3	97.0	67.3	32.5
IS-PR 409	74.5	80.0	68.3	37.0	23.5	107.8	91.5	49.0	32.0
A-35	77.8	82.5	77.3	63.0	24.5	106.3	99.5	81.0	31.5
INSIGHT	53.0	60.5	59.0	45.5	16.5	118.0	114.8	87.8	31.3
BONNEVILLE	84.3	82.0	83.5	55.3	26.5	98.0	99.8	66.3	31.0
P02	92.3	90.5	91.0	67.8	28.3	98.0	98.5	73.0	30.8
ISG-36	85.3	84.8	80.8	63.0	26.0	99.3	94.8	74.0	30.3
PANGEA GLR (CL 11701)	78.0	87.5	88.3	50.3	21.8	113.3	116.0	66.8	30.0
SR 4650 (PSRX-3701)	79.5	77.5	66.3	46.8	24.0	99.0	82.0	57.8	29.5
CST	90.5	89.0	90.8	68.3	26.3	98.5	100.5	75.5	29.3
GO-G37	87.8	91.3	91.0	73.0	25.8	104.5	104.5	84.8	29.3
BAR LP 10970	80.5	75.5	62.8	52.8	24.0	94.8	78.0	65.0	27.8
JR-178	84.0	78.3	73.0	55.3	23.8	93.0	86.5	65.3	27.5
ISG-31	85.3	88.5	90.8	71.5	23.0	104.0	107.0	84.5	27.3
PPG-PR 138	90.3	92.0	94.3	63.5	24.5	102.8	105.3	69.5	27.3
PST-2K9	92.5	92.0	90.8	73.3	23.5	100.0	99.0	79.5	26.8
OCTANE	44.8	45.0	31.0	22.8	10.8	103.3	73.3	54.3	26.5
DLF LGT 4182	86.8	94.5	88.8	53.8	22.0	109.3	103.0	63.5	26.3
IS-PR 469	73.8	80.3	72.3	52.5	19.0	108.5	99.0	72.8	26.3
PPG-PR 142	83.8	85.5	78.3	52.8	21.5	102.5	93.3	63.0	26.3
PIZZAZZ 2 GLR (PR 909)	85.8	84.8	77.3	37.5	22.8	98.5	90.0	42.0	26.3
PPG-PR 140	79.3	86.3	85.8	52.0	20.5	109.0	108.3	65.0	25.8
IS-PR 489	80.0	89.3	89.3	66.5	20.5	111.8	112.0	84.3	25.3
BAR LP 10972	80.5	83.0	90.3	63.8	19.8	103.5	112.5	79.8	25.0
PPG-PR 137	77.5	86.8	72.0	50.0	18.8	111.5	92.5	64.8	24.0
DOMINATOR (PST-2AG4)	53.0	53.5	50.5	24.0	11.8	105.0	97.0	47.3	23.8
APR 2445	91.3	86.8	81.3	61.3	21.5	95.3	89.3	67.3	23.3
SIDEWAYS (PSRX-S84)	83.0	88.8	86.0	63.8	19.8	107.3	104.3	75.0	23.3
GO-PR60	80.8	89.5	76.3	52.0	18.8	112.5	95.3	66.5	23.0
IS-PR 487	79.8	90.5	87.5	62.5	18.3	114.8	110.3	79.0	22.3
PPG-PR 133	85.3	88.0	75.0	49.0	18.8	103.8	87.0	56.5	21.3
ISG-30	60.3	70.0	62.0	27.0	14.5	119.5	108.3	45.0	20.3
PPG-PR 165	45.0	42.8	38.3	20.0	7.0	104.0	95.0	48.3	20.3
APR 2320	81.8	87.8	70.3	31.0	14.3	111.5	89.0	39.5	20.0
DLF LGD-3022	75.0	81.3	66.8	50.8	14.5	110.5	90.8	67.0	20.0
APR 2036	89.0	88.3	86.8	64.8	17.8	100.3	99.3	73.3	19.8
PRX-4GM1	75.0	66.0	55.5	34.8	15.5	87.5	72.5	44.3	19.0
PSRX-4CAGL	74.3	72.5	55.0	30.3	15.0	97.8	69.3	35.0	18.0
DLF LGD-3026	84.5	82.3	77.3	41.8	15.0	97.8	90.8	47.8	17.0

TABLE 18. PERCENT COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST 1/
(CONT'D) AT KINGSTON (SALT TOLERANCE IN GREENHOUSE), RI 2/
2011 DATA

	PERCENT COVER FOR DIFFERENT SALT LEVELS (PPM)					ADJUSTED (RELATIVE) PERCENT COVER RATINGS FOR DIFFERENT SALT LEVELS (PPM)			
NAME	5000 3/	7500	10000	12500	15000	7500 4/	10000	12500	15000
PPG-PR 128	84.0	87.8	69.8	51.3	13.8	106.0	82.8	58.3	17.0
RAD-PR55R	80.3	82.3	71.3	36.5	13.5	102.3	88.5	45.3	16.8
CS-PR66	87.0	94.5	82.3	63.0	13.8	108.8	95.0	72.8	16.5
PST-204D	66.8	63.3	65.3	25.0	8.8	98.5	103.8	43.3	16.5
RIO VISTA	91.0	95.5	87.5	71.5	14.5	105.3	96.8	78.8	16.5
SOX FAN (GM3)	85.3	87.5	65.8	32.8	13.5	104.0	77.0	39.3	15.8
PICK 10401	75.5	87.3	67.8	48.8	12.0	117.0	90.5	64.8	15.5
PPG-PR 136	91.5	90.5	93.0	71.8	14.3	98.5	101.5	78.3	15.3
CL 307	70.5	66.3	58.5	31.8	10.8	93.0	81.5	42.3	14.5
CS-20	67.5	64.5	60.5	24.8	10.3	97.5	88.8	35.3	14.3
IS-PR 491	86.0	89.5	78.3	36.5	10.8	103.5	90.5	42.5	13.0
IS-PR 488	67.0	65.8	51.5	20.5	8.0	97.8	77.0	30.0	11.8
LINN	73.0	78.5	65.0	57.0	10.5	116.0	91.3	77.3	11.8
CL 11601	60.8	70.5	55.5	24.8	5.5	129.5	95.0	41.8	11.0
LTP-PR 135	89.3	96.3	90.0	57.3	10.8	109.8	102.5	62.8	11.0
PST-2BNS	82.8	82.0	75.8	43.8	9.5	98.5	90.5	50.0	10.8
SRX-4RHD	84.3	86.8	73.5	53.8	8.3	103.3	87.5	64.3	10.0
ALLANTE	88.8	96.0	83.5	64.3	8.8	109.0	93.3	71.5	9.5
JR-192	76.3	91.8	83.3	51.5	5.3	122.8	112.0	70.8	9.0
IS-PR 463	68.5	66.3	55.5	26.8	6.5	101.5	84.3	36.8	8.8
PPG-PR 164	68.8	81.5	74.0	43.3	5.0	119.8	109.5	65.0	8.5
PST-2DR9	89.8	94.0	85.3	68.0	7.3	104.5	95.0	75.8	8.5
GO-DHS	77.0	63.8	59.8	22.8	6.3	83.8	77.5	28.8	7.5
FIESTA 4	78.0	83.0	81.0	48.3	5.5	107.5	104.3	63.5	7.3
PST-2MG7	92.3	91.5	86.0	51.5	6.5	99.0	93.5	56.3	7.3
2NJK	79.5	82.0	78.8	50.0	6.3	105.8	100.5	64.8	7.0
MACH I	54.3	60.3	49.5	24.5	4.5	119.8	90.8	39.3	7.0
SIENNA	76.8	83.5	55.5	26.5	5.0	111.3	72.0	34.0	6.5
PPG-PR 134	83.0	82.0	73.0	30.3	5.5	99.5	88.3	33.8	6.3
PALMER V	77.0	80.0	63.5	39.3	4.8	110.3	87.0	55.3	5.5
PPG-PR 143	82.3	92.5	76.8	43.3	4.5	113.0	92.3	51.5	5.5
BAR LP 10969	79.5	70.3	63.5	18.0	3.5	90.0	83.3	22.8	4.0
PST-2ACR	75.5	78.3	52.8	7.5	2.3	103.0	70.8	10.5	3.3
LTP-RAE	73.3	78.5	57.3	21.5	1.8	108.8	78.0	29.3	2.8
PST-2TQL	67.0	72.8	57.8	9.0	1.5	109.0	86.5	13.5	2.3
IS-PR 492	39.3	63.8	42.5	4.0	0.0	166.8	112.3	10.0	0.0
LSD VALUE	17.6	17.7	24.2	28.4	17.3	38.4	59.5	39.6	23.3
C.V. (%)	16.0	15.3	22.2	41.0	69.7	18.4	23.4	40.8	70.6

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/ THE 5000 PPM SALT LEVEL IS CONSIDERED THE HIGHEST LEVEL MOST PERENNIAL RYEGRASS WILL TOLERATE WITHOUT DAMAGE (THEREFORE OUR BASE LEVEL). SALT LEVELS WERE INCREASED BY 2500 PPM EVERY TWO WEEKS THEREAFTER AND PERCENT COVER RATINGS WERE GENERATED FROM DIGITAL IMAGES.
4/ THE ADJUSTED COVER RATINGS SHOW PERCENTAGE COVER IN EACH POT AS COMPARED TO THE 5000 PPM LEVEL (THE BASE OR STARTING LEVEL).

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER FALL	PYTHIUM BLIGHT	QUALITY RATINGS FEB	MAR	APR	MAY	JUN	JUL	AUG	NOV	MEAN
RINOVO	93.3	1.3	3.7	5.3	7.0	8.3	7.0	7.3	6.3	7.7	6.6
IS-PR 463	86.7	2.0	4.0	4.7	6.3	7.7	7.0	7.3	7.0	7.7	6.5
PANGEA GLR (CL 11701)	93.3	1.7	4.0	5.0	6.0	7.3	6.7	7.7	6.7	7.7	6.4
FIESTA 4	81.7	2.0	4.3	5.3	7.0	7.7	6.0	7.3	6.3	7.0	6.4
IS-PR 487	80.0	1.7	3.0	4.7	6.7	7.7	7.0	7.7	7.0	7.3	6.4
PPG-PR 134	83.3	2.0	3.7	4.7	6.7	7.0	6.7	7.7	7.0	7.7	6.4
PST-2BNS	85.0	1.3	3.3	5.7	6.0	7.7	7.7	7.7	6.7	6.7	6.4
APR 2445	81.7	2.0	4.3	5.3	7.0	7.0	6.7	7.3	6.0	7.0	6.3
IS-PR 409	83.3	2.3	4.0	5.3	6.7	7.3	5.7	6.7	6.7	7.7	6.3
IS-PR 469	85.0	2.0	4.0	4.7	6.0	8.3	6.7	7.3	6.7	6.3	6.3
IS-PR 488	88.3	1.7	4.0	5.3	6.0	7.3	6.3	7.3	6.7	7.7	6.3
IS-PR 491	83.3	1.7	4.3	4.7	6.7	6.7	7.0	7.7	6.7	7.0	6.3
IS-PR 492	76.7	2.7	4.7	5.0	6.3	7.3	6.0	7.3	6.7	7.3	6.3
S85	88.3	1.7	4.0	5.3	6.0	7.7	5.7	8.0	7.0	7.0	6.3
SRX-4RHD	88.3	2.3	3.7	5.0	6.3	7.3	7.0	7.7	6.7	7.0	6.3
CST	91.7	2.3	4.3	4.7	6.7	6.3	6.3	7.3	6.7	7.3	6.2
DLF LGD-3022	86.7	1.3	4.0	5.7	6.3	7.0	6.3	7.0	5.7	7.3	6.2
GO-PR60	81.7	1.7	3.0	4.7	6.3	8.0	6.7	6.7	6.7	7.7	6.2
IS-PR 479	80.0	2.7	4.3	5.3	6.3	8.0	6.0	6.3	6.7	6.7	6.2
ISG-30	86.7	3.7	5.0	5.3	8.0	6.7	4.3	6.7	6.3	7.3	6.2
JR-178	88.3	2.7	4.3	4.7	7.0	6.7	5.7	7.0	6.3	7.7	6.2
JR-192	86.7	2.0	3.3	4.3	7.0	7.3	6.7	6.7	6.3	7.7	6.2
PIZZAZZ 2 GLR (PR 909)	91.7	2.0	4.0	5.0	5.7	6.7	6.7	7.3	7.0	7.0	6.2
PST-2NKM	88.3	2.0	3.0	4.7	6.7	7.3	6.0	7.7	7.0	7.0	6.2
BAR LP 10970	83.3	1.7	3.3	5.0	6.7	7.3	6.3	7.0	6.3	7.0	6.1
PALMER V	86.7	1.7	4.3	5.0	6.7	7.3	6.0	6.0	6.3	7.0	6.1
PICK 10401	93.3	2.0	3.0	5.0	6.3	7.0	6.3	6.7	6.7	7.7	6.1
SR 4650 (PSRX-3701)	91.7	2.3	3.3	5.0	6.3	7.3	6.0	6.3	6.7	8.0	6.1
SIDEWAYS (PSRX-S84)	83.3	2.0	4.0	5.0	6.7	6.7	6.3	6.3	6.0	7.7	6.1
A-35	80.0	4.0	4.3	5.0	6.3	7.7	4.0	6.3	6.7	7.3	6.0
APR 2036	86.7	2.3	4.0	5.0	6.3	7.3	5.7	6.3	6.3	7.3	6.0
APR 2320	78.3	2.3	3.3	5.0	6.3	7.0	5.3	7.3	6.0	7.3	6.0
GO-G37	81.7	3.7	4.7	5.0	7.3	6.7	4.7	6.3	6.3	7.3	6.0
IS-PR 489	91.7	2.3	4.0	5.3	6.7	7.0	5.0	6.3	6.0	7.3	6.0
LTP-PR 135	86.7	2.7	3.7	5.0	6.0	7.3	5.3	7.3	6.3	7.3	6.0
PPG-PR 133	86.7	2.3	3.7	5.0	6.3	7.0	5.3	6.7	6.7	7.3	6.0
PPG-PR 137	88.3	2.7	4.0	4.7	6.7	6.7	5.7	6.7	6.3	7.0	6.0
PST-204D	80.0	1.7	2.7	4.3	6.3	7.3	6.0	7.7	6.7	7.0	6.0
DOMINATOR (PST-2AG4)	88.3	3.0	3.7	5.3	7.0	7.0	5.3	6.3	6.7	6.7	6.0
PST-2DR9	90.0	3.3	3.3	5.3	6.7	6.0	5.3	7.7	6.0	7.3	6.0
RIO VISTA	88.3	2.0	3.3	5.0	6.3	7.0	6.0	7.0	6.3	7.0	6.0
SIENNA	88.3	1.7	3.7	4.0	6.7	6.3	7.0	7.7	6.0	7.0	6.0
CL 11601	91.7	2.3	3.0	4.7	6.3	6.3	6.0	7.0	6.3	7.3	5.9
CS-20	78.3	4.0	4.7	5.7	7.0	7.0	3.7	6.3	6.7	6.0	5.9
SOX FAN (GM3)	88.3	3.3	3.7	4.7	6.7	6.7	5.0	6.3	6.7	7.7	5.9
INSIGHT	90.0	1.7	3.0	4.0	6.3	6.7	6.0	7.7	6.3	7.3	5.9
LTP-RAE	88.3	2.3	3.3	4.7	6.0	7.0	5.7	6.7	7.0	7.0	5.9

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER FALL	PYTHIUM BLIGHT	QUALITY RATINGS FEB	MAR	APR	MAY	JUN	JUL	AUG	NOV	MEAN
PST-2TQL	88.3	2.7	3.0	5.0	6.3	7.0	6.0	7.0	6.0	6.7	5.9
2NJK	85.0	3.7	3.3	4.7	6.7	7.0	4.7	6.3	6.3	7.3	5.8
ISG-36	80.0	4.3	4.3	5.7	6.3	7.7	4.3	6.3	5.7	5.7	5.8
PPG-PR 138	85.0	2.3	4.0	4.7	6.3	7.0	6.0	6.7	5.7	6.3	5.8
PPG-PR 143	76.7	3.3	3.7	5.3	6.3	6.3	5.3	6.0	6.3	7.0	5.8
PST-2MAGS	85.0	3.7	3.7	5.0	6.3	7.0	5.0	6.0	5.7	7.3	5.8
SRX-4MSH	85.0	3.0	3.0	4.7	6.0	6.7	6.0	6.3	6.3	7.7	5.8
ALLANTE	86.7	2.0	3.0	4.3	6.0	6.7	6.3	6.3	5.0	7.7	5.7
BAR LP 10969	83.3	2.7	3.3	5.0	6.0	6.7	5.7	6.3	5.3	7.0	5.7
DLF LGD-3026	91.7	2.3	3.7	4.3	6.0	8.0	5.3	5.3	6.3	6.3	5.7
MACH I	83.3	3.7	4.0	5.3	6.3	7.7	4.3	5.7	5.7	6.3	5.7
P02	90.0	3.7	3.0	4.7	6.3	6.7	5.0	6.3	6.3	7.0	5.7
PST-2K9	85.0	3.0	3.3	4.7	6.3	6.7	4.7	6.3	6.3	7.0	5.7
PST-2MG7	81.7	3.7	3.7	4.7	6.7	6.3	5.0	6.3	5.7	7.3	5.7
RAD-PR62	86.7	2.0	3.0	5.0	6.3	7.3	5.7	6.0	5.3	6.7	5.7
UNO	80.0	2.0	4.0	5.0	5.3	7.3	5.7	6.0	5.7	6.3	5.7
HAVEN (APR 2038)	85.0	3.0	3.3	5.0	6.3	5.3	5.7	6.7	5.7	7.0	5.6
BAR LP 7608	83.3	2.3	3.7	4.7	6.3	7.3	5.3	5.0	6.0	6.7	5.6
DLF LGT 4182	91.7	2.7	3.7	5.0	7.0	7.3	5.0	5.7	4.3	6.7	5.6
PPG-PR 128	80.0	3.3	3.3	4.7	6.3	6.3	4.7	7.0	5.7	6.7	5.6
PPG-PR 142	85.0	3.7	4.0	5.0	6.0	6.7	4.3	5.7	6.0	7.0	5.6
PPG-PR 165	81.7	2.7	3.3	5.0	6.0	7.0	5.3	6.0	5.7	6.7	5.6
PSRX-4CAGL	76.7	3.3	3.7	5.0	6.7	7.3	4.3	6.0	5.0	6.7	5.6
BAR LP 10972	81.7	2.0	3.0	4.3	6.0	7.3	5.3	6.0	5.0	7.0	5.5
CL 307	78.3	4.0	3.7	5.0	6.3	5.7	4.0	6.3	6.0	7.3	5.5
ISG-31	81.7	4.0	3.7	5.0	6.7	5.3	4.3	6.0	6.7	6.7	5.5
OCTANE	80.0	3.0	3.3	5.0	6.3	6.3	4.3	5.3	6.0	7.3	5.5
PICK 4DFHM	86.7	2.7	3.3	5.0	6.3	6.3	4.7	5.0	6.0	7.3	5.5
PPG-PR 121	75.0	3.3	3.0	5.0	6.0	6.7	5.0	6.3	5.3	6.7	5.5
PPG-PR 140	86.7	3.3	3.7	4.7	6.0	7.0	4.3	6.3	6.3	6.0	5.5
PPG-PR 164	78.3	3.3	3.7	5.0	6.0	6.3	4.7	5.3	6.3	7.0	5.5
BONNEVILLE	76.7	3.3	4.0	4.7	6.0	6.0	4.0	5.7	5.7	7.0	5.4
BRIGHTSTAR SLT	90.0	4.3	2.7	4.7	6.7	6.3	4.3	6.7	5.0	7.0	5.4
CS-PR66	88.3	3.0	3.7	4.7	5.7	6.3	5.0	5.7	5.3	7.0	5.4
PPG-PR 136	90.0	3.0	3.3	4.7	6.0	6.3	4.3	6.0	6.3	6.3	5.4
PRX-4GM1	85.0	2.7	3.7	4.7	6.3	5.7	4.3	5.3	6.3	7.0	5.4
RAD-PR55R	85.0	2.3	4.0	4.7	6.3	6.0	4.0	5.7	6.0	6.3	5.4
PST-2ACR	68.3	3.7	2.3	4.7	5.7	6.0	4.3	6.0	5.0	7.0	5.1
PINNACLE	88.3	2.0	3.0	4.7	6.0	6.0	4.7	4.3	4.7	6.0	4.9
GO-DHS	80.0	6.3	3.3	4.3	6.7	5.3	2.3	4.3	5.3	6.7	4.8
LINN	91.7	2.7	2.3	4.7	4.7	4.7	4.3	4.0	3.7	5.0	4.2
LSD VALUE	18.2	2.1	1.0	1.7	1.3	1.5	1.9	1.9	2.0	1.9	0.8
C.V. (%)	8.2	39.3	15.3	11.0	8.9	11.4	18.9	14.9	14.0	10.4	7.4

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

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

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (TRAFFIC STUDY), VA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PERCENT GREEN COVER BEFORE TRAFFIC 8/29/11	PERCENT GREEN COVER NO TRAFFIC 9/27/11	PERCENT GREEN COVER TRAFFIC 9/27/11	PERCENT GREEN COVER TRAFFIC 11/2/11	2-WEEKS AFTER LAST TRAFFIC 11/22/11	QUALITY TRAFFIC 11/2/11
HAVEN (APR 2038)	96.0	99.0	81.7	83.3	75.0	5.7
PPG-PR 137	96.0	99.0	88.3	90.0	76.7	5.7
PIZZAZZ 2 GLR (PR 909)	98.0	99.0	88.3	85.0	80.0	5.7
SRX-4MSH	98.0	99.0	86.7	86.7	83.3	5.7
BAR LP 10970	98.0	99.0	81.7	83.3	78.3	5.3
CL 11601	96.0	99.0	85.0	83.3	80.0	5.3
GO-G37	96.0	97.7	73.3	86.7	76.7	5.3
IS-PR 488	97.0	99.0	83.3	80.0	86.7	5.3
IS-PR 491	92.0	92.7	86.7	65.0	85.0	5.3
JR-192	98.0	99.0	88.3	83.3	85.0	5.3
LTP-PR 135	97.0	99.0	85.0	83.3	78.3	5.3
PPG-PR 134	96.0	99.0	80.0	75.0	75.0	5.3
PST-204D	96.0	99.0	81.7	86.7	81.7	5.3
PST-2DR9	98.0	99.0	80.0	80.0	73.3	5.3
PST-2TQL	97.0	99.0	80.0	76.7	81.7	5.3
RINOVO	96.0	99.0	86.7	80.0	76.7	5.3
DLF LGD-3022	94.3	99.0	76.7	71.7	68.3	5.0
SOX FAN (GM3)	98.0	99.0	86.7	86.7	86.7	5.0
IS-PR 487	98.3	99.0	85.0	78.3	75.0	5.0
IS-PR 492	93.7	96.0	88.3	83.3	83.3	5.0
ISG-31	95.0	96.0	80.0	83.3	83.3	5.0
JR-178	97.0	99.0	85.0	78.3	78.3	5.0
OCTANE	95.3	99.0	78.3	75.0	78.3	5.0
PPG-PR 121	94.3	99.0	80.0	73.3	73.3	5.0
PPG-PR 128	96.0	99.0	78.3	73.3	76.7	5.0
PPG-PR 133	96.0	99.0	83.3	81.7	76.7	5.0
PPG-PR 136	94.3	99.0	76.7	80.0	68.3	5.0
PPG-PR 138	94.3	99.0	80.0	78.3	75.0	5.0
PPG-PR 142	96.0	99.0	81.7	78.3	80.0	5.0
PRX-4GM1	98.0	99.0	83.3	81.7	78.3	5.0
SIDEWAYS (PSRX-S84)	96.0	99.0	83.3	78.3	80.0	5.0
PST-2K9	97.0	99.0	80.0	85.0	76.7	5.0
PST-2MAGS	94.3	99.0	78.3	80.0	75.0	5.0
APR 2036	92.7	99.0	86.7	73.3	81.7	4.7
APR 2320	96.0	99.0	85.0	81.7	80.0	4.7
APR 2445	94.3	99.0	86.7	75.0	85.0	4.7
BRIGHTSTAR SLT	94.7	97.7	78.3	78.3	73.3	4.7
CS-PR66	95.3	99.0	76.7	75.0	70.0	4.7
DLF LGD-3026	95.0	97.7	80.0	80.0	70.0	4.7
FIESTA 4	96.0	97.7	76.7	76.7	73.3	4.7
INSIGHT	96.3	99.0	71.7	73.3	70.0	4.7
IS-PR 463	98.0	99.0	83.3	78.3	75.0	4.7
IS-PR 479	95.0	99.0	78.3	76.7	78.3	4.7
ISG-30	95.0	99.0	83.3	80.0	76.7	4.7
ISG-36	92.7	97.7	71.7	78.3	71.7	4.7
P02	97.0	97.7	76.7	73.3	75.0	4.7
PICK 4DFHM	96.0	99.0	83.3	78.3	76.7	4.7

TABLE 20. 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/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	PERCENT GREEN COVER BEFORE TRAFFIC 8/29/11	PERCENT GREEN COVER NO TRAFFIC 9/27/11	PERCENT GREEN COVER TRAFFIC 9/27/11	PERCENT GREEN COVER TRAFFIC 11/2/11	2-WEEKS AFTER LAST TRAFFIC 11/22/11	QUALITY TRAFFIC 11/2/11
PPG-PR 140	95.0	99.0	81.7	71.7	71.7	4.7
SR 4650 (PSRX-3701)	98.0	99.0	85.0	83.3	76.7	4.7
PST-2ACR	92.7	97.7	81.7	73.3	78.3	4.7
DOMINATOR (PST-2AG4)	96.0	99.0	80.0	76.7	70.0	4.7
S85	98.0	99.0	83.3	76.7	75.0	4.7
UNO	90.0	96.0	81.7	66.7	61.7	4.7
A-35	93.3	99.0	76.7	75.0	76.7	4.3
ALLANTE	92.7	99.0	73.3	68.3	61.7	4.3
BAR LP 10969	96.0	99.0	78.3	66.7	71.7	4.3
BAR LP 7608	97.0	99.0	76.7	70.0	63.3	4.3
BONNEVILLE	93.7	99.0	76.7	71.7	73.3	4.3
PANGEA GLR (CL 11701)	97.0	99.0	78.3	75.0	78.3	4.3
CL 307	96.0	99.0	83.3	78.3	73.3	4.3
CST	98.0	99.0	85.0	83.3	81.7	4.3
GO-DHS	92.7	99.0	75.0	73.3	75.0	4.3
GO-PR60	95.3	99.0	76.7	73.3	73.3	4.3
IS-PR 469	97.0	99.0	80.0	80.0	75.0	4.3
IS-PR 489	97.0	99.0	85.0	83.3	80.0	4.3
LTP-RAE	97.0	99.0	86.7	71.7	75.0	4.3
MACH I	92.7	99.0	68.3	66.7	58.3	4.3
PALMER V	94.3	99.0	76.7	73.3	71.7	4.3
PICK 10401	98.0	99.0	78.3	76.7	68.3	4.3
PPG-PR 143	93.3	99.0	80.0	70.0	68.3	4.3
PPG-PR 164	95.0	99.0	83.3	73.3	75.0	4.3
PPG-PR 165	96.0	99.0	78.3	65.0	75.0	4.3
PSRX-4CAGL	91.0	99.0	76.7	65.0	71.7	4.3
PST-2MG7	96.0	96.0	81.7	86.7	78.3	4.3
RIO VISTA	97.0	99.0	83.3	81.7	75.0	4.3
2NJK	98.0	99.0	81.7	81.7	68.3	4.0
CS-20	91.7	99.0	75.0	61.7	71.7	4.0
DLF LGT 4182	90.0	99.0	68.3	68.3	63.3	4.0
PINNACLE	92.7	97.7	66.7	65.0	63.3	4.0
PST-2NKM	98.0	97.7	90.0	83.3	83.3	4.0
RAD-PR55R	95.3	99.0	71.7	61.7	70.0	4.0
RAD-PR62	95.0	99.0	78.3	61.7	71.7	4.0
SIENNA	94.3	99.0	75.0	73.3	73.3	4.0
SRX-4RHD	97.3	99.0	75.0	68.3	61.7	4.0
IS-PR 409	97.0	99.0	76.7	73.3	70.0	3.7
PST-2BNS	97.0	99.0	85.0	73.3	71.7	3.7
BAR LP 10972	94.3	99.0	70.0	66.7	56.7	3.3
LINN	85.0	91.3	55.0	56.7	46.7	2.7
LSD VALUE	6.2	5.7	13.7	28.8	25.8	5.3
C.V. (%)	3.0	1.9	8.5	13.3	13.2	22.3

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/ TRAFFIC IS APPLIED USING A BRINKMANN TRAFFIC SIMULATOR TO APPROXIMATE 60 FOOTBALL GAMES OVER A TEN WEEK PERIOD IN FALL. TRAFFIC APPLIED STARTING 8/31/11, EVERY TUESDAY AND FRIDAY. LAST TRAFFIC APPLIED ON 11/4/11.

TABLE 21. PERCENT GREEN COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/
2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (DROUGHT STUDY), VA 2/ 3/ 4/
2011 DATA

	IRRIGATION WITHHELD			IRRIGATION WITHHELD		IRRIGATION APPLIED	
NAME	6_27	7_6	7_11	7_13	7_24	8_6	9_6
IS-PR 489	84.3	48.0	34.0	29.3	10.0	48.3	81.3
PST-2DR9	84.0	49.3	43.0	38.7	27.3	44.7	80.7
SIDEWAYS (PSRX-S84)	85.3	48.3	39.0	32.0	17.7	50.7	80.0
SRX-4RHD	81.7	39.0	30.3	28.0	18.3	54.0	78.0
PPG-PR 121	84.3	39.3	27.0	21.3	8.3	44.3	76.7
SRX-4MSH	80.3	38.0	29.7	26.7	17.0	36.7	76.7
SR 4650 (PSRX-3701)	89.3	57.7	51.3	44.0	28.7	47.7	76.3
DLF LGD-3022	81.7	36.3	25.3	21.0	9.3	55.7	75.7
PST-2NKM	84.3	47.0	36.7	30.7	18.0	38.0	75.0
PST-2BNS	86.3	44.7	33.3	30.7	18.7	56.3	74.3
LTP-PR 135	85.3	40.0	26.3	21.7	5.3	50.7	73.0
IS-PR 469	81.0	39.0	26.7	22.7	12.0	36.3	72.0
BONNEVILLE	80.0	42.3	33.7	30.3	20.3	45.3	70.7
PPG-PR 128	80.0	34.7	22.3	19.0	9.0	48.0	70.7
IS-PR 488	87.0	52.3	44.7	39.0	25.3	50.7	70.0
P02	78.0	41.3	34.3	30.3	18.3	42.3	70.0
PPG-PR 134	84.3	44.3	34.0	31.3	20.0	56.0	70.0
PST-2K9	84.3	48.3	45.0	41.7	35.0	49.7	70.0
APR 2445	79.0	36.3	29.3	25.7	22.0	58.7	69.7
IS-PR 491	84.7	48.3	37.7	33.0	19.7	37.0	69.7
IS-PR 409	81.3	39.0	30.3	26.3	16.0	34.0	69.3
PPG-PR 133	84.3	41.3	28.7	24.7	11.0	43.7	69.3
IS-PR 463	82.3	36.7	30.0	26.7	14.0	38.7	69.0
GO-PR60	76.0	34.0	27.3	24.0	19.3	39.0	68.7
PSRX-4CAGL	79.0	37.0	24.7	21.3	8.7	30.3	68.3
UNO	82.3	43.0	37.0	32.0	21.0	47.3	68.3
DLF LGD-3026	81.3	35.3	28.7	26.7	16.3	47.3	67.7
PICK 4DFHM	78.3	38.0	29.0	25.3	15.0	45.3	67.7
JR-178	84.7	41.7	27.0	22.0	10.7	37.7	67.0
IS-PR 492	85.0	43.3	27.0	22.3	8.7	33.3	66.7
ISG-30	74.3	32.3	25.0	20.0	11.0	36.0	66.3
PST-2MG7	77.3	43.3	38.0	33.3	25.3	37.7	65.7
PIZZAZZ 2 GLR (PR 909)	80.0	33.0	22.0	20.0	7.0	51.3	65.0
CL 11601	84.7	48.3	42.7	38.0	23.3	45.7	64.7
PPG-PR 164	86.7	48.3	37.0	31.3	16.0	52.3	64.7
DOMINATOR (PST-2AG4)	80.7	36.3	28.7	23.7	15.0	31.0	63.0
S85	76.0	32.3	27.0	24.7	20.7	48.3	61.3
OCTANE	85.3	43.7	36.0	33.3	18.0	44.3	61.0
BAR LP 10969	84.7	49.7	42.7	39.7	25.0	42.7	60.7
SOX FAN (GM3)	84.3	41.7	33.3	28.0	16.0	39.3	60.7
PRX-4GM1	79.7	38.3	28.3	23.7	14.0	29.0	60.0
RINOVO	82.7	45.7	36.7	32.7	19.7	38.3	60.0
PPG-PR 165	85.3	48.3	39.0	36.0	26.3	39.0	59.7
JR-192	82.3	42.3	29.3	22.3	9.7	42.7	59.3
GO-DHS	75.0	30.3	24.3	21.0	14.7	45.3	58.7
BAR LP 10970	77.7	37.7	27.3	24.3	14.7	34.7	58.3
ISG-31	73.7	28.0	19.3	15.7	8.3	33.0	58.3
LTP-RAE	82.7	42.7	33.0	28.3	18.7	42.0	58.0

TABLE 21. PERCENT GREEN COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG (DROUGHT STUDY), VA 2/ 3/ 4/
2011 DATA

	IRRIGATION WITHHELD			IRRIGATION WITHHELD		IRRIGATION APPLIED	
NAME	6_27	7_6	7_11	7_13	7_24	8_6	9_6
PPG-PR 138	75.3	31.3	21.3	19.3	13.0	30.3	57.7
PST-2ACR	74.7	27.3	20.0	18.0	7.7	36.3	57.7
MACH I	71.0	25.0	20.7	17.3	9.7	27.7	57.3
PPG-PR 143	79.3	36.0	24.7	21.7	9.0	38.0	56.7
RAD-PR62	80.0	41.0	34.3	28.0	17.7	39.7	56.7
PST-204D	81.0	44.7	35.3	30.7	18.0	44.0	56.0
PALMER V	83.0	39.3	31.0	29.3	22.3	38.3	55.3
CL 307	83.3	36.7	25.0	21.7	5.7	41.7	55.0
CS-PR66	79.0	32.3	20.3	15.7	6.7	28.3	55.0
ISG-36	78.7	33.0	26.0	22.3	13.0	32.7	54.3
FIESTA 4	74.0	19.0	10.0	8.0	2.0	27.3	52.7
IS-PR 479	76.3	28.3	18.7	14.7	8.3	29.0	52.3
GO-G37	75.0	28.0	19.7	16.7	9.3	40.0	52.0
PANGEA GLR (CL 11701)	79.0	39.7	33.7	29.7	19.0	40.3	52.0
INSIGHT	87.0	39.0	29.7	27.0	16.7	46.3	50.0
RIO VISTA	81.0	25.0	13.7	12.7	4.3	36.7	50.0
APR 2036	80.0	37.0	26.0	24.7	14.3	43.3	49.7
IS-PR 487	84.3	47.3	38.3	31.0	16.0	39.3	49.0
PPG-PR 137	78.0	30.0	21.0	18.0	4.7	39.0	48.7
PPG-PR 140	80.3	44.7	36.0	35.3	23.0	39.7	48.0
ALLANTE	79.3	27.0	19.0	17.3	10.0	37.0	47.3
PST-2MAGS	75.0	23.7	19.7	16.7	9.7	38.3	47.0
SIENNA	89.3	56.3	49.0	47.0	37.0	46.7	46.7
CST	77.7	23.0	11.3	9.3	2.7	19.0	45.0
PST-2TQL	76.7	36.3	29.7	25.7	18.0	33.0	44.7
CS-20	77.7	31.7	22.0	18.3	10.3	36.0	43.7
LINN	80.7	28.3	21.0	20.0	8.3	46.3	43.7
2NJK	75.3	43.0	39.0	38.0	35.0	44.7	43.3
BRIGHTSTAR SLT	82.0	40.0	29.7	27.0	21.0	34.3	43.3
BAR LP 10972	82.0	43.7	38.7	35.3	22.3	32.0	43.0
HAVEN (APR 2038)	83.3	41.0	32.0	26.3	11.7	28.7	41.7
PPG-PR 136	77.0	26.0	15.0	13.3	6.3	23.3	41.0
APR 2320	78.3	33.7	28.0	25.3	14.3	32.7	40.3
A-35	74.7	24.3	17.0	13.3	7.3	29.3	38.7
PINNACLE	88.0	53.7	38.0	31.3	18.7	41.7	38.7
BAR LP 7608	77.7	25.3	18.3	16.3	6.0	57.7	37.3
DLF LGT 4182	73.3	32.0	29.0	26.0	19.7	38.7	37.0
PPG-PR 142	79.3	33.7	22.7	19.3	11.3	20.0	33.3
PICK 10401	77.3	20.3	14.7	12.0	1.0	13.7	23.3
RAD-PR55R	73.7	26.3	21.0	18.0	10.0	18.7	23.3
LSD VALUE	10.2	27.6	36.3	34.5	33.6	59.5	58.7
C.V. (%)	6.2	30.1	43.0	46.3	74.2	38.3	33.7

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.
3/ DROUGHT WAS IMPOSED USING MOVEABLE RAINOUT SHELTERS TO RESTRICT RAINFALL AND ALSO BY WITHHOLDING IRRIGATION.
4/ DATA WAS COLLECTED USING A DIGITAL CAMERA WITH LIGHT BOX AND IMAGES WERE ANALYZED USING SIGMASCAN® SOFTWARE.

TABLE 22. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (SAND DROUGHT STUDY), WA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	QUALITY RATINGS												
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PIZZAZZ 2 GLR (PR 909)	5.7	5.3	5.3	6.3	7.0	5.0	5.7	4.7	4.7	5.3	6.3	5.0	5.5
CL 11601	5.0	4.7	5.3	5.7	5.0	4.7	5.0	4.3	4.3	5.0	7.0	5.3	5.1
CL 307	6.0	5.3	5.7	5.7	5.7	4.7	4.7	4.0	4.3	4.7	5.7	4.7	5.1
PPG-PR 121	5.3	5.0	5.0	5.3	6.3	5.0	4.3	4.3	4.7	4.3	5.7	5.3	5.1
IS-PR 487	5.3	4.7	5.0	5.3	5.3	5.0	4.7	4.7	4.7	4.3	6.0	4.7	5.0
LTP-RAE	5.0	5.3	4.3	5.3	6.3	5.0	5.0	5.0	4.3	4.3	5.0	4.7	5.0
PANGEA GLR (CL 11701)	5.3	5.0	5.0	5.7	6.3	4.7	4.7	4.0	4.0	5.0	5.7	4.7	5.0
SIENNA	5.0	4.7	4.7	5.7	6.0	5.3	5.0	4.7	4.0	4.7	5.3	4.7	5.0
SR 4650 (PSRX-3701)	5.7	5.0	5.0	6.0	5.7	4.7	4.7	4.7	4.3	4.7	5.0	4.3	5.0
PPG-PR 136	5.0	5.0	5.0	5.3	5.3	5.0	4.7	4.0	4.0	4.7	5.7	4.7	4.9
PPG-PR 164	5.0	5.0	5.0	5.0	6.3	5.0	4.3	4.0	4.3	4.7	5.0	5.0	4.9
RINOVO	5.3	5.0	5.0	5.3	5.0	5.0	5.3	4.0	4.0	4.7	6.0	4.7	4.9
BAR LP 10970	4.7	4.7	4.7	4.7	6.0	5.3	4.7	4.7	4.7	4.0	5.3	4.3	4.8
PICK 10401	5.3	4.7	4.7	5.3	6.3	5.7	4.7	4.3	4.3	3.3	4.7	4.3	4.8
PPG-PR 137	4.7	5.0	4.7	5.0	4.7	4.7	5.0	5.0	4.0	4.7	5.3	4.7	4.8
PPG-PR 142	5.3	4.3	4.7	5.0	5.3	4.7	5.3	4.7	4.3	4.0	5.3	4.3	4.8
PST-2MG7	5.0	4.3	4.7	5.3	5.0	4.3	5.0	4.0	4.3	4.7	6.3	5.0	4.8
PST-2NKM	4.0	4.0	4.3	5.3	5.7	4.7	5.0	5.0	4.0	4.3	5.7	5.0	4.8
UNO	4.0	5.0	5.0	6.0	6.0	5.3	5.3	3.7	4.0	4.0	5.3	4.3	4.8
APR 2320	5.0	4.0	3.7	5.0	5.3	4.7	5.0	4.3	4.7	4.7	5.7	4.0	4.7
APR 2445	4.7	4.7	4.0	4.7	5.7	4.3	5.0	4.7	4.0	4.0	5.7	4.7	4.7
BONNEVILLE	5.7	5.3	4.7	5.7	5.7	4.7	4.0	4.3	4.0	4.0	4.7	4.0	4.7
CS-PR66	4.3	4.0	4.0	4.7	4.7	4.7	5.0	5.7	5.0	4.3	5.3	4.3	4.7
DLF LGD-3022	5.0	5.3	4.7	6.0	4.7	4.0	4.3	4.3	4.0	4.3	5.0	4.7	4.7
IS-PR 463	4.7	4.7	4.0	5.0	5.3	4.7	4.7	4.3	4.3	4.3	5.7	4.7	4.7
MACH I	4.7	4.7	4.7	5.0	5.3	4.7	4.0	4.7	4.3	4.7	5.3	4.3	4.7
PPG-PR 138	4.7	4.0	4.7	5.3	5.3	4.0	4.7	5.0	4.0	4.0	5.7	4.7	4.7
PST-2BNS	5.0	4.7	5.0	5.3	4.3	5.3	5.0	4.7	4.0	4.0	4.3	4.7	4.7
PST-2MAGS	4.0	4.3	5.0	6.0	5.3	4.7	4.0	4.7	4.3	3.7	5.3	4.7	4.7
RIO VISTA	5.0	4.7	4.7	5.0	6.0	4.7	4.7	4.0	4.0	4.3	5.3	4.3	4.7
S85	4.7	4.7	4.3	5.0	6.0	4.0	4.3	4.0	4.3	5.0	5.3	4.7	4.7
SIDEWAYS (PSRX-S84)	5.7	4.3	5.0	5.0	5.0	4.3	4.0	4.0	4.3	4.7	5.7	4.0	4.7
A-35	4.7	4.7	4.7	4.7	5.7	4.7	5.0	4.3	4.0	4.0	4.7	4.3	4.6
DOMINATOR (PST-2AG4)	5.3	4.3	4.3	5.0	5.3	5.0	4.7	4.7	4.0	3.7	5.3	4.0	4.6
HAVEN (APR 2038)	4.3	4.0	4.3	4.7	5.3	4.3	5.0	4.7	4.3	4.3	5.0	4.3	4.6
INSIGHT	4.3	4.7	3.7	5.3	5.0	4.3	5.0	5.0	4.3	4.0	5.3	4.7	4.6
IS-PR 409	4.7	4.3	4.7	4.7	5.3	4.3	4.3	4.3	4.0	4.0	5.7	4.7	4.6
IS-PR 469	4.7	4.3	4.7	4.0	5.0	4.3	4.7	4.3	4.3	4.3	5.3	4.7	4.6
IS-PR 488	4.7	4.3	4.7	5.7	4.3	4.0	4.3	4.0	4.3	4.7	6.0	4.7	4.6
IS-PR 489	5.0	4.7	4.3	4.7	4.3	4.0	4.3	4.3	4.0	4.7	5.7	5.0	4.6
IS-PR 491	4.7	4.3	4.0	5.3	6.0	4.3	4.3	3.7	4.0	4.3	5.7	4.3	4.6
ISG-31	4.0	4.7	4.7	5.3	5.0	4.3	5.0	4.0	4.0	4.0	5.0	4.7	4.6
OCTANE	5.0	4.7	4.7	5.0	5.0	4.3	4.3	4.0	4.0	4.3	5.3	4.3	4.6
PPG-PR 128	5.0	4.3	5.0	5.0	5.3	4.3	4.0	4.3	4.0	4.3	4.7	4.3	4.6
PPG-PR 133	4.7	5.0	4.0	5.0	5.3	4.0	5.0	4.3	4.0	4.3	5.3	4.3	4.6
PPG-PR 134	4.7	4.0	4.0	5.0	5.3	4.3	5.0	4.3	4.3	4.7	5.0	4.7	4.6
PPG-PR 143	5.0	4.3	5.0	4.7	4.7	4.7	4.7	4.7	4.0	4.0	5.0	4.3	4.6

TABLE 22. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (SAND DROUGHT STUDY), WA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

	QUALITY RATINGS												
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PRX-4GM1	4.3	4.3	5.0	5.0	5.0	4.3	4.7	4.3	4.0	4.0	5.0	4.7	4.6
PST-204D	4.0	4.0	4.0	5.0	5.3	4.3	5.0	4.7	4.7	4.0	5.7	4.7	4.6
PST-2DR9	4.3	4.3	4.3	5.3	4.7	4.0	5.3	4.7	4.3	4.0	5.0	4.3	4.6
PST-2TQL	4.0	4.0	4.0	4.7	4.7	5.0	5.0	5.0	4.3	4.7	5.3	4.3	4.6
IS-PR 492	4.7	4.3	4.3	4.7	5.0	4.0	4.7	4.3	4.0	4.3	5.3	4.7	4.5
ISG-30	5.3	4.7	4.3	4.7	5.0	4.0	4.7	4.0	4.0	3.7	5.0	4.7	4.5
JR-178	5.0	4.0	4.3	4.7	6.0	5.0	5.0	3.0	4.0	4.0	4.7	4.0	4.5
LTP-PR 135	4.7	4.3	4.3	4.7	5.3	4.3	4.3	4.7	4.3	4.3	4.7	4.3	4.5
PALMER V	4.7	4.3	4.0	5.3	5.0	4.0	4.7	4.3	4.0	4.3	5.3	4.3	4.5
SOX FAN (GM3)	5.3	4.7	4.3	5.3	5.0	4.3	4.0	3.7	4.0	4.0	4.7	4.7	4.5
SRX-4MSH	4.3	4.0	4.7	4.7	5.0	4.3	4.3	4.7	4.3	4.3	4.7	4.7	4.5
SRX-4RHD	5.0	4.3	4.0	4.7	5.0	4.7	4.3	4.7	4.3	4.0	4.3	4.7	4.5
ALLANTE	4.0	4.0	3.7	5.3	5.7	4.3	5.0	4.7	4.0	4.0	4.7	4.0	4.4
BAR LP 10972	4.3	4.0	3.7	4.3	5.0	4.7	4.3	4.7	4.0	4.3	5.3	4.3	4.4
BAR LP 7608	4.7	3.7	3.7	4.7	4.7	5.0	4.7	4.3	4.0	3.7	4.7	4.7	4.4
FIESTA 4	5.0	4.0	4.3	5.0	5.3	4.7	4.0	3.7	4.0	3.7	5.0	4.3	4.4
GO-G37	4.7	4.3	4.7	5.3	5.7	4.3	4.3	3.7	3.7	3.7	4.3	4.0	4.4
PPG-PR 165	4.7	4.3	4.3	4.7	4.7	5.0	5.0	4.0	4.0	4.0	4.3	4.3	4.4
RAD-PR62	4.7	3.7	4.0	4.7	5.3	4.0	4.7	4.7	4.3	4.0	4.7	4.3	4.4
APR 2036	4.0	4.0	4.0	4.7	4.3	4.0	4.0	3.7	4.0	4.0	5.7	5.0	4.3
BRIGHTSTAR SLT	4.7	4.3	3.7	5.0	4.7	4.7	4.7	4.0	4.0	4.0	4.7	3.7	4.3
GO-PR60	4.7	3.7	4.3	4.0	5.3	4.7	4.0	4.0	4.0	4.3	4.0	4.3	4.3
ISG-36	5.0	3.7	4.0	4.7	5.3	4.0	4.3	4.0	4.0	3.7	4.3	4.0	4.3
PSRX-4CAGL	5.3	4.3	4.3	4.3	5.0	4.0	4.0	3.3	3.7	4.3	4.7	4.3	4.3
RAD-PR55R	4.7	4.0	4.3	4.0	4.7	4.0	4.3	4.3	4.0	4.0	4.7	4.3	4.3
2NJK	4.0	3.7	3.3	5.0	4.3	4.0	4.3	4.7	4.0	4.3	4.7	4.0	4.2
BAR LP 10969	4.7	4.0	3.7	4.7	4.0	4.3	4.3	4.0	4.0	3.7	5.0	4.0	4.2
CST	4.3	4.0	4.0	4.7	4.3	4.0	4.3	4.0	4.0	3.7	4.7	4.0	4.2
JR-192	4.0	3.7	3.3	4.3	5.7	5.0	5.0	3.7	4.0	3.3	4.7	3.7	4.2
PICK 4DFHM	4.7	4.0	4.3	4.3	4.3	4.0	4.3	3.7	4.0	3.7	4.7	4.0	4.2
PST-2ACR	4.0	4.3	4.0	5.0	4.3	4.0	4.3	4.0	4.0	4.0	4.7	4.0	4.2
CS-20	4.0	4.3	4.3	4.3	4.7	4.0	4.0	4.0	3.7	3.7	4.3	4.0	4.1
DLF LGD-3026	4.7	4.0	3.7	4.0	4.3	4.0	4.7	3.3	3.7	4.0	4.3	4.3	4.1
IS-PR 479	4.0	3.7	3.3	4.3	4.3	4.0	4.3	3.7	4.0	4.3	4.7	4.3	4.1
PINNACLE	4.0	4.0	3.0	5.0	4.0	4.3	5.0	4.3	4.0	3.3	4.7	4.0	4.1
PPG-PR 140	4.0	3.3	3.0	4.0	4.3	4.0	4.3	4.3	4.3	4.3	5.0	4.7	4.1
P02	4.0	3.7	3.0	4.7	4.3	4.0	4.3	4.0	4.3	3.7	4.3	4.0	4.0
DLF LGT 4182	4.0	3.3	3.0	4.0	4.0	4.0	3.7	4.0	4.0	4.0	4.7	4.3	3.9
GO-DHS	4.0	3.7	4.3	4.7	4.0	4.0	3.7	3.3	4.0	3.7	4.0	4.0	3.9
PST-2K9	4.3	3.7	3.3	4.0	4.3	4.0	4.0	3.7	4.0	3.7	4.3	4.0	3.9
LINN	4.3	3.0	3.3	5.0	3.0	4.0	4.7	3.7	3.3	3.3	3.0	3.0	3.6
LSD VALUE	1.4	0.9	1.4	1.1	1.6	1.1	2.6	2.1	1.2	2.6	2.2	2.0	0.5
C.V. (%)	13.6	11.8	16.0	11.9	15.8	11.6	14.9	16.5	9.6	16.5	16.7	13.4	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.
3/ TO INDUCE DROUGHT CONDITIONS, IRRIGATION IS REDUCED TO 50-65%ET DURING SUMMER. THEREFORE, SUMMER RATINGS REFLECT INDUCED CHRONIC DROUGHT. FALL AND WINTER RATINGS REFLECT RECOVERY FROM CHRONIC DROUGHT CONDITIONS.

TABLE 22. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (SAND DROUGHT STUDY), WA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	GENETIC COLOR	SPRING DENSITY	WINTER COLOR	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	MOWING QUALITY JUNE	MOWING QUALITY SEPTEMBER	RED THREAD RATINGS SEPTEMBER	RED THREAD RATINGS OCTOBER	RED THREAD RATINGS DECEMBER	PERCENT ESTABLISHMENT IN 2010 SEPTEMBER	PERCENT ESTABLISHMENT IN 2010 NOVEMBER	PERCENT ESTABLISHMENT IN 2010 DECEMBER
PIZZAZZ 2 GLR (PR 909)	6.3	8.0	6.7	5.0	7.0	5.3	6.3	5.0	5.3	5.3	70.0	95.0	90.0
CL 11601	5.7	8.3	6.0	5.0	6.3	4.0	6.7	5.3	5.3	5.7	70.0	88.3	85.0
CL 307	6.3	9.0	6.3	4.0	6.3	4.7	6.0	4.3	5.0	5.3	76.7	95.0	95.0
PPG-PR 121	6.7	8.3	7.0	4.3	6.7	4.7	6.0	5.0	3.7	4.3	70.0	93.3	90.0
IS-PR 487	5.7	8.3	6.7	5.3	6.7	5.7	7.0	5.0	5.3	4.7	66.7	83.3	88.3
LTP-RAE	6.7	8.3	6.3	5.3	6.3	5.0	6.3	5.0	5.0	5.3	66.7	90.0	91.7
PANGEA GLR (CL 11701)	7.0	8.3	7.0	4.7	6.3	5.7	7.3	5.0	4.7	5.0	76.7	88.3	93.3
SIENNA	7.0	8.3	5.7	5.3	6.0	6.7	7.3	4.3	4.7	5.0	63.3	93.3	86.7
SR 4650 (PSRX-3701)	6.0	8.3	6.3	5.0	6.7	5.0	5.7	5.0	5.3	4.3	80.0	93.3	88.3
PPG-PR 136	6.7	8.7	6.7	4.7	6.0	5.3	6.0	4.3	4.7	5.0	60.0	91.7	90.0
PPG-PR 164	5.7	8.7	6.7	4.0	6.0	5.3	4.3	4.0	5.0	4.7	70.0	95.0	91.7
RINOVO	6.3	8.0	6.7	4.7	5.7	5.7	4.7	3.7	4.7	5.3	63.3	93.3	90.0
BAR LP 10970	6.0	8.0	6.0	5.0	6.7	7.3	7.3	5.7	4.3	4.3	66.7	88.3	86.7
PICK 10401	6.0	8.0	6.7	4.3	6.3	6.3	6.7	4.7	3.3	4.3	73.3	90.0	88.3
PPG-PR 137	6.7	8.3	6.7	5.7	6.0	4.0	5.7	4.7	5.0	4.7	56.7	90.0	86.7
PPG-PR 142	6.3	7.7	6.7	4.7	6.0	5.0	6.3	4.7	4.7	4.3	70.0	88.3	88.3
PST-2MG7	6.3	7.7	5.7	4.7	6.3	4.3	6.0	4.7	4.3	5.0	66.7	88.3	86.7
PST-2NKM	5.7	7.3	6.0	5.3	5.3	5.3	6.7	4.3	4.7	5.0	63.3	88.3	83.3
UNO	6.3	8.0	6.7	4.0	5.7	5.3	6.3	4.3	4.3	5.0	70.0	90.0	86.7
APR 2320	7.0	7.7	5.3	5.0	7.7	7.3	8.0	5.7	4.7	4.3	63.3	90.0	83.3
APR 2445	6.0	7.3	6.7	5.0	6.0	4.3	5.7	4.7	4.0	5.3	63.3	88.3	85.0
BONNEVILLE	6.3	8.0	6.3	4.0	6.0	3.7	5.0	4.0	4.0	4.0	63.3	91.7	91.7
CS-PR66	6.7	7.0	6.3	6.7	7.0	5.7	7.7	6.0	4.7	4.3	63.3	85.0	83.3
DLF LGD-3022	5.7	8.7	6.7	4.7	6.0	4.0	5.7	4.7	4.0	4.3	73.3	91.7	88.3
IS-PR 463	7.0	7.3	6.3	5.0	5.3	4.7	6.0	4.3	4.3	5.0	56.7	91.7	91.7
MACH I	6.7	7.7	6.7	4.7	6.0	4.7	6.0	5.3	5.3	4.7	66.7	86.7	86.7
PPG-PR 138	6.3	7.3	6.0	5.0	6.3	4.7	7.3	5.0	4.7	4.7	70.0	91.7	90.0
PST-2BNS	6.7	7.3	6.3	5.3	6.3	6.0	6.7	4.7	4.3	3.7	63.3	86.7	85.0
PST-2MAGS	5.7	7.3	6.7	4.7	6.0	4.3	6.3	4.3	5.0	5.3	63.3	85.0	85.0
RIO VISTA	6.3	7.3	6.3	4.3	6.0	5.0	5.0	4.0	4.0	5.0	63.3	86.7	86.7
S85	6.3	8.0	6.3	4.7	6.0	3.7	6.0	4.7	5.3	5.3	63.3	93.3	85.0
SIDEWAYS (PSRX-S84)	6.0	8.0	6.3	4.3	6.0	3.7	5.0	4.7	5.0	5.0	66.7	88.3	88.3
A-35	7.7	7.7	7.3	4.3	6.3	7.7	7.3	4.7	4.3	4.0	63.3	86.7	83.3
DOMINATOR (PST-2AG4)	6.3	7.7	5.3	5.3	6.3	6.0	6.3	4.7	3.7	4.0	56.7	86.7	86.7
HAVEN (APR 2038)	5.3	7.7	5.3	4.3	6.3	4.3	6.3	4.7	4.0	4.3	70.0	83.3	83.3
INSIGHT	6.0	7.3	6.0	5.7	6.0	6.0	6.7	4.3	4.0	5.0	70.0	86.7	86.7
IS-PR 409	6.7	8.0	6.3	3.7	5.0	4.3	4.7	4.0	5.0	5.0	63.3	86.7	83.3
IS-PR 469	6.7	7.3	6.3	5.0	6.3	5.0	5.7	4.3	5.3	6.0	60.0	90.0	88.3
IS-PR 488	7.0	8.0	6.7	4.3	6.0	4.0	5.7	4.3	5.0	5.3	63.3	86.7	86.7
IS-PR 489	5.7	8.0	6.3	4.7	6.0	3.0	5.3	4.7	5.0	5.3	66.7	91.7	86.7
IS-PR 491	7.0	7.7	6.7	5.0	5.3	3.7	5.0	4.0	4.7	4.3	56.7	91.7	86.7
ISG-31	6.3	7.7	6.3	4.0	6.0	4.0	6.3	4.3	3.3	4.7	63.3	91.7	85.0
OCTANE	7.3	8.0	6.7	4.0	5.0	3.7	4.3	3.7	4.3	5.0	73.3	88.3	90.0
PPG-PR 128	6.0	7.7	7.0	5.3	6.0	5.0	6.3	4.7	4.7	4.7	73.3	86.7	88.3
PPG-PR 133	6.7	7.7	6.7	5.0	5.7	3.7	5.7	4.3	4.3	4.7	56.7	85.0	85.0
PPG-PR 134	6.0	7.3	6.3	5.7	6.7	4.7	7.0	5.0	5.7	5.3	56.7	85.0	85.0
PPG-PR 143	6.7	8.0	6.7	4.3	6.3	5.0	6.3	4.3	4.3	4.7	66.7	86.7	88.3

TABLE 22. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2010 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (SAND DROUGHT STUDY), WA 1/
2011 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

NAME	GENETIC COLOR	SPRING DENSITY	WINTER COLOR	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	MOWING QUALITY JUNE	MOWING QUALITY SEPTEMBER	RED THREAD RATINGS SEPTEMBER	RED THREAD RATINGS OCTOBER	RED THREAD RATINGS DECEMBER	PERCENT ESTABLISHMENT IN 2010 SEPTEMBER	PERCENT ESTABLISHMENT IN 2010 NOVEMBER	PERCENT ESTABLISHMENT IN 2010 DECEMBER
PRX-4GM1	6.0	7.0	6.3	4.0	5.3	4.0	5.7	4.3	4.7	5.3	53.3	86.7	86.7
PST-204D	5.3	7.3	5.3	5.0	6.0	5.7	7.0	5.0	3.7	4.7	70.0	83.3	81.7
PST-2DR9	5.3	6.7	6.3	4.7	6.0	4.0	6.3	4.7	4.3	4.7	60.0	88.3	85.0
PST-2TQL	6.7	7.0	5.7	4.7	6.7	5.7	6.7	5.0	4.7	4.0	60.0	80.0	81.7
IS-PR 492	6.7	7.0	5.7	4.7	6.3	3.3	5.3	4.0	5.0	5.0	56.7	86.7	86.7
ISG-30	7.7	7.7	6.3	5.0	6.0	5.0	6.0	4.0	4.0	4.3	63.3	88.3	86.7
JR-178	6.3	7.0	6.3	3.3	5.0	5.3	5.3	4.3	4.0	4.3	66.7	88.3	88.3
LTP-PR 135	6.0	7.7	6.0	5.0	5.7	4.0	6.0	4.7	4.3	4.3	73.3	88.3	86.7
PALMER V	6.0	6.7	5.7	4.7	6.0	5.0	6.0	4.7	4.7	4.7	63.3	88.3	88.3
SOX FAN (GM3)	6.3	7.7	5.3	3.7	6.0	3.7	5.3	4.7	4.3	4.3	66.7	90.0	90.0
SRX-4MSH	6.0	7.7	4.7	4.0	5.7	4.0	5.7	5.0	4.3	4.3	60.0	81.7	86.7
SRX-4RHD	7.0	7.3	6.0	5.3	6.7	5.0	6.3	5.3	5.7	5.0	70.0	91.7	85.0
ALLANTE	5.3	7.3	5.0	5.3	6.0	6.0	7.0	4.3	4.0	4.0	66.7	85.0	86.7
BAR LP 10972	6.0	7.3	6.0	5.0	6.0	5.7	6.7	4.7	5.0	4.0	63.3	86.7	83.3
BAR LP 7608	5.7	7.0	5.0	5.3	5.7	6.3	7.0	4.0	3.7	4.3	70.0	83.3	83.3
FIESTA 4	6.3	6.7	7.0	3.7	5.7	5.3	5.3	4.3	4.3	4.0	66.7	85.0	86.7
GO-G37	7.0	7.7	6.3	3.7	6.0	5.3	5.7	4.3	3.3	4.0	63.3	88.3	85.0
PPG-PR 165	6.7	7.7	6.7	4.7	6.0	5.3	4.7	4.3	4.3	3.7	66.7	85.0	86.7
RAD-PR62	5.0	6.7	5.0	5.0	6.7	5.7	7.3	4.3	4.0	4.3	63.3	91.7	86.7
APR 2036	6.7	7.0	6.0	4.3	6.0	4.7	6.0	4.0	5.3	5.3	56.7	86.7	85.0
BRIGHTSTAR SLT	5.3	7.7	5.3	5.3	6.3	5.7	7.7	4.7	3.7	3.7	70.0	88.3	85.0
GO-PR60	7.0	7.0	5.0	4.7	6.0	6.7	7.3	4.3	4.3	4.3	60.0	85.0	86.7
ISG-36	7.3	7.3	7.0	3.7	6.0	4.7	6.7	4.3	3.7	5.0	56.7	85.0	86.7
PSRX-4CAGL	7.0	6.7	6.7	4.0	5.7	3.7	4.0	4.0	4.3	4.0	66.7	88.3	90.0
RAD-PR55R	7.3	7.0	6.0	5.0	6.0	5.3	7.0	4.7	5.3	5.0	63.3	80.0	85.0
2NJK	5.7	7.0	5.7	5.0	6.3	4.3	6.0	4.3	4.3	4.3	63.3	85.0	83.3
BAR LP 10969	5.3	7.3	6.0	4.3	6.3	3.7	5.3	4.0	3.7	4.0	66.7	83.3	86.7
CST	5.7	7.3	6.3	4.0	6.3	3.7	5.3	4.7	3.7	4.7	63.3	85.0	83.3
JR-192	6.3	6.3	4.7	5.0	6.0	6.7	7.0	4.0	3.0	3.7	70.0	83.3	80.0
PICK 4DFHM	6.3	7.0	6.0	4.0	5.3	3.3	5.0	4.3	3.7	4.3	70.0	83.3	85.0
PST-2ACR	6.3	7.3	6.0	4.3	5.3	3.3	5.3	4.0	4.3	4.3	66.7	85.0	85.0
CS-20	7.3	7.3	7.0	4.3	5.3	4.0	5.0	3.7	3.7	4.3	63.3	86.7	83.3
DLF LGD-3026	6.7	7.3	6.7	4.3	5.3	3.0	4.3	4.0	3.7	4.0	70.0	90.0	86.7
IS-PR 479	8.0	7.0	5.7	4.7	5.7	5.0	6.0	4.0	5.0	4.7	60.0	81.7	85.0
PINNACLE	5.0	7.3	4.7	5.0	5.7	5.7	7.0	4.3	4.0	3.7	70.0	85.0	83.3
PPG-PR 140	6.0	6.3	5.7	4.7	5.3	3.3	5.3	5.0	3.7	4.7	50.0	81.7	81.7
P02	6.0	6.7	5.3	4.7	6.0	3.7	6.7	4.3	4.0	4.7	56.7	83.3	81.7
DLF LGT 4182	6.7	6.3	5.0	5.0	5.7	4.3	6.7	4.7	4.7	4.7	50.0	80.0	78.3
GO-DHS	7.7	6.7	6.3	3.3	5.0	4.7	6.0	4.0	3.3	4.0	60.0	81.7	80.0
PST-2K9	6.0	6.7	5.3	4.3	5.0	4.3	6.0	4.3	4.0	4.0	63.3	81.7	83.3
LINN	5.0	6.0	4.7	3.7	5.0	3.0	6.3	3.0	3.7	3.7	63.3	83.3	81.7
LSD VALUE	0.9	1.6	1.3	3.4	1.6	1.4	1.9	2.6	3.0	4.5	15.5	7.7	8.3
C.V. (%)	8.8	9.9	11.5	20.6	11.3	17.4	16.0	16.8	21.3	20.9	11.2	4.7	4.5

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/ TO INDUCE DROUGHT CONDITIONS, IRRIGATION IS REDUCED TO 50-65%ET DURING SUMMER. THEREFORE, SUMMER RATINGS REFLECT INDUCED CHRONIC DROUGHT. FALL AND WINTER RATINGS REFLECT RECOVERY FROM CHRONIC DROUGHT CONDITIONS.

TABLE 22. PERCENT GREEN COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (SAND DROUGHT STUDY), WA 2/ 3/ 4/
2011 DATA

NAME	6_22	8_4	8_12	8_19	8_25	9_1	9_8	9_15
PPG-PR 134	83.5	82.3	84.7	86.0	84.0	77.7	83.7	93.3
CL 11601	73.5	73.0	72.3	77.0	82.0	74.7	75.3	93.0
IS-PR 479	80.0	71.3	74.0	75.3	66.3	66.0	78.3	91.7
SRX-4RHD	77.0	82.7	86.0	84.3	81.0	78.0	82.7	91.7
BAR LP 10969	84.0	76.0	82.7	80.7	80.7	73.0	81.3	91.3
S85	79.5	69.3	71.3	72.0	82.0	71.3	79.0	91.0
IS-PR 488	82.0	70.0	79.3	78.7	80.3	76.0	82.0	90.7
PPG-PR 128	86.5	76.0	82.3	78.7	75.7	76.3	83.0	90.7
CS-PR66	81.0	84.0	87.0	85.7	87.3	83.7	86.7	90.3
PPG-PR 137	69.5	78.7	87.0	85.0	80.3	80.0	81.7	90.3
ALLANTE	78.5	83.7	87.0	80.7	78.7	73.0	85.3	89.7
SIDEWAYS (PSRX-S84)	82.5	66.0	82.7	82.0	76.3	66.3	73.0	89.7
HAVEN (APR 2038)	78.5	71.7	77.7	77.3	79.3	75.7	77.7	89.0
PST-2BNS	79.0	76.7	83.7	82.3	75.7	73.3	82.3	89.0
APR 2320	86.0	79.7	76.3	79.7	84.0	80.0	82.0	88.7
IS-PR 469	82.0	74.3	82.3	80.7	81.0	75.3	80.0	88.7
ISG-30	83.5	74.7	77.7	79.3	80.0	80.0	80.7	88.7
DLF LGT 4182	79.0	74.7	73.0	78.0	83.0	72.3	77.7	88.3
RAD-PR55R	84.0	73.0	79.0	80.7	72.3	75.7	81.7	88.3
SIENNA	89.5	71.3	77.0	77.3	75.3	78.0	76.0	88.3
BRIGHTSTAR SLT	72.0	81.0	84.0	83.0	72.7	77.3	82.0	88.0
CST	84.5	71.3	77.3	72.7	79.0	76.0	78.7	88.0
2NJK	80.5	76.3	80.7	79.7	78.3	73.0	76.0	87.7
CL 307	81.5	83.3	81.3	81.0	80.7	73.7	79.7	87.7
IS-PR 409	85.0	54.0	65.0	63.3	65.3	60.0	74.0	87.3
PICK 10401	88.5	71.0	79.3	81.7	79.0	79.3	80.7	87.3
PPG-PR 136	84.0	63.3	64.7	69.3	76.7	67.0	69.0	87.3
INSIGHT	84.5	77.0	83.3	81.0	81.7	76.3	80.3	87.0
IS-PR 489	70.0	79.3	83.7	81.7	83.0	76.0	77.3	87.0
LINN	64.5	48.3	55.0	55.0	58.3	49.0	63.3	87.0
RIO VISTA	82.0	59.3	68.7	65.0	75.7	65.0	74.3	87.0
APR 2036	83.0	80.3	78.7	77.0	79.7	74.7	74.3	86.7
DLF LGD-3026	74.0	63.0	68.7	68.3	69.7	66.3	73.7	86.7
IS-PR 487	88.0	80.0	86.7	86.7	85.3	77.3	81.7	86.7
LTP-PR 135	83.5	66.0	76.3	73.3	79.3	74.3	80.3	86.7
PPG-PR 142	79.5	75.7	72.0	77.3	75.3	76.3	75.0	86.7
PPG-PR 143	79.5	68.0	76.0	76.0	78.3	75.7	79.7	86.7
PST-2NKM	79.5	70.0	75.0	76.7	74.3	63.3	75.3	86.7
BAR LP 10970	83.0	74.3	78.0	79.7	82.7	77.0	78.7	86.3
PST-2MG7	67.5	68.0	67.7	73.7	74.7	68.3	73.0	86.3
SR 4650 (PSRX-3701)	78.5	82.7	82.7	83.0	81.7	78.0	81.7	86.3
BONNEVILLE	77.0	69.0	80.7	81.3	79.3	74.0	74.3	85.7
LTP-RAE	81.5	81.7	85.3	81.0	82.7	74.7	79.0	85.7
SOX FAN (GM3)	84.5	74.3	78.0	78.0	78.7	73.7	76.7	85.3
IS-PR 492	81.5	70.3	80.7	76.0	76.3	70.7	75.3	85.0
PALMER V	87.5	72.3	80.0	80.7	80.7	74.7	76.3	85.0
PIZZAZZ 2 GLR (PR 909)	84.0	78.0	84.0	80.3	81.7	81.0	82.7	85.0
PST-2ACR	81.0	64.0	72.7	76.7	79.0	73.3	76.3	85.0

TABLE 22. PERCENT GREEN COVER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 1/
(CONT'D) 2010 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP (SAND DROUGHT STUDY), WA 2/
2011 DATA

NAME	6_22	8_4	8_12	8_19	8_25	9_1	9_8	9_15
SRX-4MSH	77.5	63.0	67.3	68.3	74.0	69.0	68.0	85.0
DOMINATOR (PST-2AG4)	87.0	71.7	75.0	81.3	79.0	64.7	68.3	84.7
GO-PR60	78.5	62.3	70.0	73.7	71.7	63.0	72.3	84.7
PANGEA GLR (CL 11701)	88.0	69.0	78.3	76.0	75.3	69.7	71.0	84.7
PICK 4DFHM	68.5	72.0	80.3	75.0	77.0	68.0	79.3	84.7
PPG-PR 138	77.0	68.0	74.7	75.3	78.0	71.3	78.0	84.7
MACH I	87.0	75.0	79.3	82.0	74.7	72.0	78.7	84.3
PO2	77.5	84.7	83.7	79.3	75.3	71.7	75.0	84.3
PPG-PR 165	83.5	75.7	81.3	77.0	76.0	77.7	78.0	84.3
PST-204D	82.0	75.7	81.0	80.0	78.7	70.7	78.3	84.3
UNO	83.0	71.0	68.0	62.0	69.7	60.7	74.3	84.3
BAR LP 7608	82.5	72.3	85.7	80.7	81.3	70.7	74.3	84.0
PRX-4GM1	76.5	58.3	65.3	63.0	69.3	62.7	69.3	83.7
APR 2445	83.0	67.0	71.3	73.3	64.3	59.0	68.7	83.3
IS-PR 491	84.5	80.0	80.3	81.3	78.7	68.7	77.7	83.0
BAR LP 10972	82.0	80.3	80.0	81.3	82.3	70.0	76.3	82.7
IS-PR 463	83.5	72.7	77.7	74.0	81.7	72.3	76.0	82.7
RAD-PR62	73.5	78.0	81.3	72.3	80.0	74.3	78.7	82.7
FIESTA 4	84.5	60.7	64.0	63.3	72.0	65.7	74.0	82.3
PPG-PR 133	77.0	75.0	81.7	77.7	77.0	67.7	75.7	82.3
PST-2TQL	79.5	79.0	75.3	79.3	76.0	73.7	77.0	81.7
ISG-31	76.5	69.0	75.3	75.3	64.7	63.7	75.3	81.3
PINNACLE	82.0	67.7	77.0	79.3	68.7	76.7	75.7	81.0
PPG-PR 164	83.5	72.0	74.3	70.7	70.7	67.0	72.0	81.0
PSRX-4CAGL	69.5	64.3	75.7	72.0	73.3	73.0	70.0	81.0
PST-2K9	83.5	74.7	82.3	79.3	80.7	70.0	75.3	81.0
PPG-PR 121	81.5	65.0	73.0	72.7	75.0	74.7	77.0	80.7
PPG-PR 140	79.0	60.0	70.0	68.3	72.0	68.0	71.7	80.0
PST-2DR9	74.5	73.0	76.3	77.3	71.7	69.0	73.7	80.0
PST-2MAGS	81.5	63.0	62.3	64.0	73.7	62.3	70.3	79.3
JR-178	83.0	56.3	61.0	60.0	63.7	63.7	67.0	79.0
OCTANE	75.0	66.7	69.7	72.3	73.7	64.3	71.0	78.7
DLF LGD-3022	80.0	71.3	75.3	75.7	68.0	64.3	70.7	78.3
RINOVO	85.5	76.0	79.3	75.7	69.7	68.0	69.0	78.3
GO-DHS	73.0	67.3	71.7	69.0	72.0	60.3	64.7	77.7
A-35	88.0	82.3	75.7	76.0	73.0	68.7	72.0	77.3
ISG-36	86.0	55.3	60.3	63.3	67.7	62.0	65.3	76.3
CS-20	67.5	67.7	60.3	61.0	59.3	56.0	65.7	75.0
GO-G37	78.5	69.7	72.7	73.3	70.7	67.3	62.3	75.0
JR-192	82.5	73.0	72.7	68.3	67.0	60.3	67.3	73.3
LSD VALUE	26.1	64.9	55.3	41.3	26.7	36.0	29.4	21.0
C.V. (%)	8.3	19.1	16.3	14.3	11.7	14.4	11.0	7.8

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

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

3/ TO INDUCE DROUGHT CONDITIONS, IRRIGATION IS REDUCED TO 50-65%ET DURING SUMMER. THEREFORE, SUMMER RATINGS REFLECT INDUCED CHRONIC DROUGHT. FALL AND WINTER RATINGS REFLECT RECOVERY FROM CHRONIC DROUGHT CONDITIONS.

4/ DATA WAS COLLECTED USING A DIGITAR CAMERA WITH LIGHT BOX AND IMAGES WERE ANALYZED USING SIGMASCAN® SOFTWARE.