

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT STORRS, CT 1/  
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS				OCT	MEAN	
			MAY	JUN	JUL	AUG			SEP
PHARAOH	6.3	6.3	5.7	6.3	5.3	6.7	6.1	7.0	7.7
JR-123	7.3	5.7	6.3	5.7	5.7	6.7	6.2	7.0	7.3
02BS2	6.3	6.3	5.3	6.3	6.0	7.3	6.3	6.7	7.0
PL2	7.3	6.7	5.7	5.7	6.0	6.7	6.3	7.3	7.0
PPG-PR 367	6.0	5.3	5.3	6.0	6.7	6.7	6.0	7.0	7.0
SEABISCUIT	6.0	5.3	5.3	4.7	5.3	6.0	5.4	6.3	7.0
STELLAR 4GL (PPG-PR 424)	7.3	7.3	6.3	6.7	6.0	7.3	6.8	7.0	7.0
BAR LP 6164	6.0	5.3	5.0	5.0	5.7	5.3	5.4	6.0	6.7
BAR LP 6233	5.3	5.3	5.3	5.7	4.7	5.3	5.3	6.0	6.7
CPN	7.3	5.7	6.0	5.7	6.0	7.0	6.3	6.7	6.7
JR-197	7.0	6.3	6.0	6.7	6.0	7.7	6.6	8.0	6.7
MAN O WAR	6.7	5.3	6.0	5.7	6.7	6.7	6.2	6.3	6.7
OVERDRIVE 5G	6.3	6.0	5.7	5.0	5.3	6.7	5.8	6.7	6.7
PARADOX GLR (PPG-PR 331)	6.7	6.7	5.7	5.7	4.7	6.3	5.9	7.0	6.7
PPG-PR 421	6.3	6.7	7.0	6.3	5.3	6.0	6.3	7.3	6.7
SHIELD (02BS4)	7.3	6.3	6.0	6.3	5.3	6.7	6.3	7.0	6.7
SIGNET	7.0	5.7	6.0	5.7	5.3	6.3	6.0	7.0	6.7
021	5.7	5.3	5.7	5.0	5.0	5.3	5.3	6.3	6.3
02BS1	5.7	6.0	5.3	5.0	5.0	6.0	5.5	7.0	6.3
ALLOY (RRT)	7.3	6.7	7.3	6.7	8.0	7.0	7.2	7.7	6.3
APPLE 3GL (PPG-PR 339)	6.7	5.7	6.0	5.0	5.3	6.3	5.8	7.3	6.3
HELIOS (DLFPS-236/3538)	7.0	6.0	7.0	6.7	6.3	7.0	6.7	7.3	6.3
ZOOM 2 (DLFPS-236/3545)	6.7	5.7	7.0	7.3	6.0	6.7	6.6	7.3	6.3
MYSTIQUE (DLFPS-236/3547)	7.0	6.7	6.0	6.3	6.3	6.7	6.5	7.0	6.3
DLFPS-236/3552	6.7	6.7	5.7	7.0	6.3	7.0	6.6	7.7	6.3
FURLONG (LTP-FCB)	6.3	6.3	6.0	5.3	5.0	6.3	5.9	7.7	6.3
HOMERUN LS (PPG-PR 419)	7.3	7.0	6.3	6.7	5.7	6.3	6.6	7.0	6.3
INTENSE	6.0	5.3	5.3	5.3	5.3	6.0	5.6	7.3	6.3
IVY (PST-2GTD)	6.0	6.0	5.3	5.7	5.7	6.3	5.8	6.7	6.3
NP-2	6.7	5.7	5.3	5.0	5.3	6.0	5.7	7.3	6.3
NP-3	7.3	6.3	7.3	6.7	7.0	7.0	6.9	7.7	6.3
PARAGON 2 GLR (FP2)	6.3	5.0	4.7	5.0	4.7	5.3	5.2	6.7	6.3
PPG-PR 360	6.7	6.3	6.7	6.0	6.0	6.0	6.3	7.3	6.3
PPG-PR 372	6.7	6.0	5.7	5.7	5.3	6.7	6.0	7.7	6.3
PPG-PR 385	6.3	6.0	5.7	5.3	4.7	6.0	5.7	6.7	6.3
PST-2MAY	6.3	5.7	5.3	5.3	5.7	6.7	5.8	7.3	6.3
PST-2PDA	5.3	5.0	5.0	4.7	4.7	5.3	5.0	6.0	6.3
SLIDER LS (PPG-PR 241)	6.3	6.3	6.3	5.7	5.7	6.7	6.2	7.3	6.3
SLUGGER 3GL (PPG-PR 343)	6.7	6.0	5.3	5.7	5.7	5.3	5.8	7.0	6.3
SR 4700 (DLFPS-236/3543)	6.3	6.0	5.7	6.7	5.0	6.7	6.1	7.7	6.3
UMPQUA	7.3	6.3	6.7	5.7	6.3	7.3	6.6	6.7	6.3
XCELERATOR	6.3	6.0	5.3	5.7	4.7	6.0	5.7	6.7	6.3
023	7.0	6.3	6.3	6.3	5.0	6.0	6.2	6.7	6.0
ASP0117 (A-PR15)	6.3	5.7	5.0	5.7	5.0	5.0	5.4	7.7	6.0
BAR LP 6159	5.0	4.7	5.0	5.0	5.0	5.7	5.1	5.7	6.0
BAR LP 6165	5.0	5.3	5.0	5.7	6.0	5.3	5.4	4.7	6.0
DLFPS-236/3540	6.3	6.3	6.3	6.7	5.0	7.0	6.3	7.0	6.0

TABLE 1.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT STORRS, CT 1/  
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT		
GATOR FORE (DLFPS-236/3544)	6.0	6.0	5.7	5.3	5.3	7.3	5.9	6.3	6.0	
DLFPS-236/3556	6.7	6.0	5.7	5.7	5.7	6.0	5.9	6.3	6.0	
EVOLVE	6.0	5.3	4.7	4.7	5.3	5.3	5.2	6.0	6.0	
FASTBALL 3GL (PPG-PR 329)	6.7	5.0	5.7	5.7	5.3	5.7	5.7	7.0	6.0	
GRAY WOLF (PST-2GAL)	6.3	6.0	5.3	5.3	5.3	5.3	5.6	7.0	6.0	
PEPPER II (RAD-PR 103)	4.7	4.3	4.7	4.3	5.0	4.3	4.6	7.7	6.0	
PPG-PR 422	6.0	6.0	6.3	5.3	5.3	5.7	5.8	7.3	6.0	
PR-5-16	6.7	6.3	6.0	6.0	5.3	6.0	6.1	6.7	6.0	
PST-2A2	6.7	6.3	6.0	6.0	5.7	6.0	6.1	6.3	6.0	
PST-2BDT	6.0	5.3	4.3	5.0	5.3	7.0	5.5	6.7	6.0	
ALLSTAR FORE (DLFPS-236/3541)	6.3	5.7	5.0	5.7	5.3	6.0	5.7	7.0	5.7	
APR2616	5.7	5.7	5.3	5.7	6.3	6.0	5.8	7.0	5.7	
DLFPS-236/3546	7.3	6.7	6.7	7.0	5.7	7.3	6.8	7.3	5.7	
DLFPS-236/3550	7.0	6.0	5.3	5.7	5.0	6.3	5.9	7.0	5.7	
DLFPS-236/3553	6.3	6.0	6.3	6.3	6.0	6.0	6.2	6.7	5.7	
DLFPS-238/3014	4.7	4.7	4.3	4.3	5.3	5.0	4.7	6.0	5.7	
GO-141	6.0	5.0	4.7	4.3	5.0	6.3	5.2	7.0	5.7	
GRAND SLAM GLD	6.3	6.0	5.7	5.7	5.3	6.7	5.9	7.0	5.7	
GRAY HAWK (PST-2FIND)	5.0	5.0	4.7	4.3	4.7	6.0	4.9	7.3	5.7	
GREEN SUPREME+ (AMP-R1)	5.3	5.0	5.0	4.7	5.3	5.3	5.1	7.3	5.7	
NEXUS GT (SNX)	5.0	5.0	4.7	4.7	5.0	5.0	4.9	7.3	5.7	
PPG-PR 371	6.7	6.0	6.0	5.3	6.0	7.0	6.2	7.0	5.7	
PPG-PR 423	6.3	6.3	6.3	5.3	6.0	5.7	6.0	7.3	5.7	
PST-2EGAD	5.3	5.0	5.0	4.3	5.7	5.7	5.2	7.3	5.7	
PST-2FOXY	6.7	6.3	5.7	6.0	5.7	5.7	6.0	7.7	5.7	
SPIKE GLS (UF3)	5.3	5.3	6.0	5.3	5.3	5.7	5.5	7.3	5.7	
SUPERSTAR GL (PPG-PR 420)	7.3	6.7	6.0	6.7	6.3	7.3	6.7	7.3	5.7	
APR2612	5.0	5.0	5.0	4.7	5.0	5.7	5.1	6.7	5.3	
APR3060	5.3	5.0	4.3	4.7	4.3	4.7	4.7	7.3	5.3	
ASP0218 (A-6D)	6.0	5.3	5.0	5.7	5.0	6.0	5.5	7.3	5.3	
CAYMAN (GO-143)	5.3	4.7	4.7	4.3	4.7	5.0	4.8	7.7	5.3	
CS-6	5.0	4.7	4.3	4.3	5.0	5.0	4.7	6.3	5.3	
DERBY XTREME	6.0	5.7	5.7	5.7	5.3	5.7	5.7	6.7	5.3	
MIGHTIER (DLFPS-236/3542)	6.3	6.3	5.0	5.7	5.7	6.0	5.8	7.3	5.3	
FIREBALL (BWH)	5.0	5.0	5.0	4.3	5.0	5.0	4.9	8.0	5.3	
LINN	3.0	3.0	3.0	2.0	2.7	3.0	2.8	3.0	5.3	
MRS�-PR15	5.7	5.0	5.0	5.0	5.0	5.7	5.2	7.7	5.3	
MRS�-PR16	5.3	5.0	4.0	4.0	4.7	4.7	4.6	6.7	5.3	
PR-6-15	6.0	6.7	6.7	6.3	5.3	6.7	6.3	7.3	5.3	
SILVER SPORT (PST-2CRP)	5.7	5.0	5.3	4.0	4.0	5.0	4.8	7.0	5.3	
SR 4650	6.3	6.0	5.3	5.0	5.0	6.7	5.7	6.7	5.3	
ALLSTAR III	5.3	5.3	5.0	5.0	5.3	6.3	5.4	6.3	5.0	
ASP0118GL (A-4G)	6.0	5.7	5.3	5.7	5.0	5.3	5.5	7.3	5.0	
BAR LP 6158	5.0	4.3	4.7	4.7	5.0	5.0	4.8	6.0	5.0	
DLFPS-236/3548	6.7	6.7	6.0	6.0	5.7	7.3	6.4	7.0	5.0	
HATRICK (BSP-17)	5.3	5.3	5.0	5.0	5.3	5.0	5.2	8.7	5.0	
JR-888	7.3	7.0	6.3	5.0	4.7	5.0	5.9	6.3	5.0	

TABLE 1.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT STORRS, CT 1/  
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	MAY	JUN	QUALITY RATINGS				MEAN
					JUL	AUG	SEP	OCT	
KARMA	6.3	6.0	5.3	5.3	6.0	6.3	5.9	6.7	5.0
LPB-SD-103	5.7	5.0	4.7	5.7	4.3	4.7	5.0	6.7	5.0
MENSA	7.0	7.0	6.0	6.3	5.0	6.7	6.3	6.7	5.0
PPG-PR 370	6.7	5.7	6.3	6.0	6.3	6.7	6.3	7.3	5.0
BAR LP 6117	5.7	5.0	5.0	5.0	5.7	5.7	5.3	5.7	4.7
BAR LP 6131	6.3	6.0	4.7	4.7	5.3	5.0	5.3	5.3	4.7
BELIZE 2 (GO-142)	5.7	6.0	4.7	5.3	5.3	5.3	5.4	6.7	4.7
BRIGHTSTAR SLT	5.3	4.7	4.7	4.7	5.0	5.7	5.0	5.7	4.7
FIESTA CINCO (DLFPS-236/3554)	6.7	6.0	6.7	6.7	5.3	6.7	6.3	6.7	4.7
SAVANT	8.0	7.7	6.7	6.3	5.0	6.3	6.7	6.0	4.7
ASP0116EXT	4.7	5.0	4.3	4.0	4.0	5.0	4.5	7.7	4.3
BAR LP 6162	5.0	4.3	4.0	4.3	4.7	4.7	4.5	5.7	4.3
LPB-SD-101	6.3	6.7	6.7	5.7	5.0	5.7	6.0	7.0	4.3
LPB-SD-105	6.7	7.0	6.0	5.3	4.0	5.0	5.7	6.7	4.3
RAD-PR 112	4.7	4.7	4.3	3.7	5.3	5.3	4.7	7.0	4.3
SAGUARO	6.7	5.7	5.0	5.3	4.7	5.7	5.5	6.7	4.3
TEE-ME-UP (BSP-25)	5.3	5.0	5.0	4.3	4.0	5.3	4.8	8.0	4.3
JR-747	5.7	6.7	6.0	6.0	4.7	6.3	5.9	6.3	4.0
LPB-SD-102	6.0	6.3	6.7	6.0	6.0	6.3	6.2	7.7	4.0
LPB-SD-104	5.7	7.0	5.7	5.0	4.7	6.0	5.7	6.3	3.3
LSD VALUE	1.1	1.4	1.2	1.1	1.1	1.4	1.6	1.7	0.7
C.V. (%)	9.8	14.3	11.4	11.4	11.8	14.6	15.2	15.0	8.2

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

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

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2016 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/ 2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
GATOR FORE (DLFPS-236/3544)	6.3	7.7	7.7	6.3	5.7	5.7	5.3	6.4	6.7	7.7
BAR LP 6165	6.0	6.3	7.0	7.0	8.0	8.3	8.3	7.3	7.0	7.3
DERBY XTREME	6.0	7.0	7.0	5.0	4.3	5.0	5.7	5.7	7.0	7.3
IVY (PST-2GTD)	6.7	7.0	7.0	5.7	6.0	7.3	7.0	6.7	6.3	7.3
MAN O WAR	7.0	7.7	6.3	5.3	5.3	6.0	6.0	6.2	6.3	7.3
NP-2	6.3	7.7	7.3	5.7	6.3	6.3	6.7	6.6	7.0	7.3
NP-3	7.0	6.7	6.7	6.0	5.0	6.0	6.3	6.2	6.3	7.3
PHARAOH	6.7	7.0	6.7	5.3	5.3	6.7	6.3	6.3	6.7	7.3
PST-2EGAD	6.7	7.3	6.3	6.0	6.7	7.3	7.3	6.8	6.0	7.3
APR3060	6.0	6.7	6.7	6.0	5.7	6.3	6.0	6.2	7.0	7.0
ASP0116EXT	7.0	6.7	7.0	5.3	5.3	5.3	6.0	6.1	6.7	7.0
ASP0118GL (A-4G)	5.7	6.7	7.7	6.3	5.7	6.3	6.0	6.3	6.7	7.0
DLFPS-236/3556	5.7	6.7	6.3	5.3	5.3	6.3	6.7	6.0	6.3	7.0
FIREBALL (BWH)	6.0	6.7	8.0	4.7	4.7	5.7	5.3	5.9	6.0	7.0
FURLONG (LTP-FCB)	7.0	7.7	8.3	6.3	5.7	7.3	6.7	7.0	7.3	7.0
HATRICK (BSP-17)	6.3	7.3	7.3	5.3	5.0	5.7	6.3	6.2	7.3	7.0
INTENSE	6.3	7.0	7.0	5.3	5.3	5.3	5.7	6.0	6.0	7.0
JR-197	6.7	8.0	7.0	6.0	5.3	6.7	7.3	6.7	6.0	7.0
MRSI-PR15	6.0	7.3	6.7	5.7	5.7	6.7	6.7	6.4	7.0	7.0
OVERDRIVE 5G	6.7	6.0	7.3	5.3	5.7	6.0	6.0	6.1	6.7	7.0
PARADOX GLR (PPG-PR 331)	7.0	7.3	7.7	5.3	5.3	7.0	7.3	6.7	6.7	7.0
PARAGON 2 GLR (FP2)	6.7	7.3	7.0	5.3	5.7	5.7	5.7	6.2	6.3	7.0
PPG-PR 360	6.3	7.0	7.3	5.7	5.7	6.7	6.3	6.4	7.0	7.0
PPG-PR 421	6.7	7.3	7.0	6.3	6.0	6.3	6.3	6.6	8.0	7.0
PST-2FOXY	6.0	7.3	7.7	6.0	6.0	5.7	6.7	6.5	7.3	7.0
SEABISCUIT	6.7	7.0	6.7	6.0	5.3	7.0	6.7	6.5	6.0	7.0
SLIDER LS (PPG-PR 241)	7.3	6.7	7.0	5.7	5.3	6.0	6.7	6.4	6.3	7.0
SLUGGER 3GL (PPG-PR 343)	6.7	7.7	7.3	5.3	6.0	7.0	7.0	6.7	7.0	7.0
SR 4700 (DLFPS-236/3543)	6.3	7.0	7.3	6.0	5.3	6.7	7.0	6.5	7.7	7.0
ALLOY (RRT)	6.3	8.0	7.3	6.0	5.7	6.0	6.7	6.6	7.3	6.7
ALLSTAR FORE (DLFPS-236/3541)	6.7	6.3	7.0	5.7	5.7	5.7	6.3	6.2	7.7	6.7
APPLE 3GL (PPG-PR 339)	6.0	6.7	7.0	5.3	5.3	6.3	6.7	6.2	6.7	6.7
APR2616	6.3	7.7	6.7	5.3	5.3	6.0	6.0	6.2	7.0	6.7
ASP0117 (A-PR15)	6.7	7.0	6.0	5.3	5.0	6.0	6.0	6.0	6.0	6.7
ASP0218 (A-6D)	6.3	6.3	6.7	5.3	4.3	5.3	6.0	5.8	6.3	6.7
BAR LP 6159	6.0	8.0	7.0	6.0	5.0	6.7	6.0	6.4	6.0	6.7
BAR LP 6233	7.0	7.0	6.7	7.0	7.0	7.7	7.3	7.1	6.7	6.7
CAYMAN (GO-143)	5.3	6.3	7.0	5.0	4.7	5.3	6.0	5.7	6.3	6.7
CPN	5.7	8.3	7.0	5.7	6.0	6.3	6.7	6.5	6.0	6.7
CS-6	6.3	6.3	7.0	5.0	3.7	5.7	5.7	5.7	6.0	6.7
HELIOS (DLFPS-236/3538)	6.0	7.0	7.0	6.0	6.3	7.0	6.7	6.6	6.7	6.7
ZOOM 2 (DLFPS-236/3545)	6.3	7.3	6.3	5.7	5.3	5.3	5.7	6.0	6.0	6.7
DLFPS-236/3546	6.7	8.0	7.3	5.3	5.7	6.0	6.3	6.5	7.0	6.7
DLFPS-236/3550	5.7	6.7	7.7	5.3	5.3	6.0	6.0	6.1	7.3	6.7
DLFPS-238/3014	6.3	7.0	7.0	6.7	6.3	7.0	7.3	6.8	7.3	6.7
FASTBALL 3GL (PPG-PR 329)	7.0	8.0	7.3	6.0	4.7	5.3	5.7	6.3	7.0	6.7
GRAND SLAM GLD	6.0	6.3	7.3	6.0	6.0	6.3	6.7	6.4	7.7	6.7

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
 2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
GRAY HAWK (PST-2FIND)	6.3	6.3	7.0	6.0	6.3	6.7	6.7	6.5	6.0	6.7
GREEN SUPREME+ (AMP-R1)	5.7	6.3	7.3	5.3	4.3	5.3	6.3	5.8	6.7	6.7
NEXUS GT (SNX)	6.3	7.7	6.0	5.3	5.0	6.0	5.7	6.0	6.3	6.7
PPG-PR 367	6.0	6.0	6.3	5.3	4.7	6.3	6.3	5.9	6.0	6.7
PPG-PR 370	6.3	7.3	7.3	5.7	5.3	6.0	6.7	6.4	7.0	6.7
PPG-PR 372	6.7	7.0	8.3	6.0	6.3	6.3	6.3	6.7	7.0	6.7
PPG-PR 422	5.7	7.0	8.0	5.7	5.7	6.0	6.7	6.4	7.0	6.7
PPG-PR 423	6.7	7.7	7.3	6.0	5.7	6.0	6.3	6.5	7.3	6.7
STELLAR 4GL (PPG-PR 424)	6.3	7.7	6.7	5.3	5.7	6.7	7.0	6.5	7.0	6.7
SUPERSTAR GL (PPG-PR 420)	6.0	7.7	7.0	5.7	5.3	7.0	6.0	6.4	7.0	6.7
TEE-ME-UP (BSP-25)	6.0	7.0	6.3	5.3	5.3	5.3	6.0	5.9	7.0	6.7
UMPQUA	6.7	8.3	6.7	6.3	6.0	6.7	6.7	6.8	8.0	6.7
023	6.3	6.7	6.3	6.0	5.3	6.7	6.0	6.2	6.7	6.3
02BS2	6.3	7.7	7.0	6.0	5.3	5.7	5.7	6.2	6.0	6.3
APR2612	5.7	7.0	7.0	5.7	5.0	6.7	7.0	6.3	6.3	6.3
BAR LP 6164	6.7	8.3	8.0	6.0	5.7	6.7	6.7	6.9	6.7	6.3
BELIZE 2 (GO-142)	5.0	6.0	6.7	5.0	5.0	5.3	6.0	5.6	6.0	6.3
BRIGHTSTAR SLT	6.3	7.7	7.0	5.0	4.3	5.3	5.7	5.9	6.0	6.3
DLFPS-236/3540	6.7	6.7	7.3	5.3	5.0	6.3	6.7	6.3	7.0	6.3
MIGHTIER (DLFPS-236/3542)	6.7	8.3	6.7	5.0	5.0	5.3	6.0	6.1	7.3	6.3
MYSTIQUE (DLFPS-236/3547)	6.7	7.7	7.7	6.3	6.0	7.0	7.7	7.0	8.3	6.3
DLFPS-236/3552	6.0	6.3	7.3	6.3	5.7	5.7	6.0	6.2	7.3	6.3
DLFPS-236/3553	6.0	7.7	7.0	5.0	4.7	5.7	6.0	6.0	7.0	6.3
GRAY WOLF (PST-2GAL)	6.0	6.3	6.7	7.0	6.3	7.0	6.3	6.5	7.7	6.3
KARMA	5.3	6.7	6.3	5.0	3.7	5.0	5.0	5.3	6.3	6.3
PL2	6.3	7.7	6.7	5.3	6.0	5.7	6.0	6.2	6.3	6.3
PPG-PR 371	6.3	7.0	8.3	5.3	5.3	6.3	6.0	6.4	7.7	6.3
PR-6-15	6.3	7.3	8.0	6.3	6.0	6.3	6.0	6.6	7.7	6.3
PST-2A2	6.3	7.0	7.0	4.7	4.3	5.7	6.0	5.9	6.7	6.3
PST-2MAY	6.0	7.0	7.3	6.3	5.3	6.3	6.0	6.3	7.3	6.3
PST-2PDA	6.0	7.3	6.7	5.7	5.7	7.0	6.3	6.4	6.0	6.3
SR 4650	6.7	7.7	6.7	5.0	5.3	5.7	5.3	6.0	6.7	6.3
02BS1	6.7	7.3	7.7	5.3	5.3	6.0	6.3	6.4	6.3	6.0
BAR LP 6117	6.7	6.0	6.3	5.7	5.7	6.3	6.7	6.2	6.0	6.0
BAR LP 6131	6.0	6.7	6.7	5.7	5.3	7.0	6.7	6.3	6.0	6.0
DLFPS-236/3548	6.3	6.0	7.3	5.7	5.7	6.0	6.0	6.1	7.7	6.0
FIESTA CINCO (DLFPS-236/3554)	6.7	7.7	8.0	6.3	6.0	6.0	6.7	6.8	7.7	6.0
GO-141	6.3	6.7	6.7	5.0	4.0	5.0	5.3	5.6	6.7	6.0
HOMERUN LS (PPG-PR 419)	6.7	7.7	7.0	5.3	5.3	5.7	6.7	6.3	6.0	6.0
JR-888	5.0	6.3	6.0	5.0	4.3	5.0	5.3	5.3	6.0	6.0
LPB-SD-103	6.0	6.3	7.0	5.0	4.3	5.0	5.0	5.5	7.0	6.0
MENSA	5.3	6.0	7.0	4.7	4.7	5.3	5.0	5.4	6.3	6.0
PEPPER II (RAD-PR 103)	6.3	6.0	7.0	6.0	6.0	7.0	6.7	6.4	7.0	6.0
PPG-PR 385	6.0	6.7	6.7	6.3	5.0	6.0	6.0	6.1	6.7	6.0
PR-5-16	6.3	7.3	7.7	6.0	5.0	6.0	6.0	6.3	7.0	6.0
PST-2BDT	5.3	6.7	7.7	5.0	4.7	6.0	6.0	5.9	6.3	6.0
RAD-PR 112	7.0	6.3	7.3	5.3	5.7	6.0	6.7	6.3	7.3	6.0

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
 2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
SIGNET	6.0	7.3	6.7	5.3	5.0	5.3	6.0	6.0	7.0	6.0
SILVER SPORT (PST-2CRP)	6.7	8.0	7.3	6.0	5.7	6.7	6.0	6.6	6.7	6.0
SPIKE GLS (UF3)	5.7	7.3	6.0	6.0	5.3	5.7	5.0	5.9	6.3	6.0
BAR LP 6158	6.3	7.3	7.0	5.7	5.0	6.3	6.3	6.3	6.7	5.7
EVOLVE	6.0	6.7	6.0	5.0	4.3	5.3	5.3	5.5	6.0	5.7
JR-123	6.3	6.3	6.7	5.3	5.3	5.7	6.0	6.0	6.0	5.7
MRSL-PR16	6.0	7.7	7.0	6.0	6.3	6.0	6.7	6.5	6.3	5.7
SAGUARO	5.7	6.7	6.0	5.0	4.3	5.3	5.3	5.5	6.0	5.7
SHIELD (02BS4)	6.7	7.0	6.3	6.0	6.0	6.7	7.0	6.5	6.7	5.7
XCELERATOR	6.3	7.0	6.0	5.7	5.3	6.7	6.3	6.2	6.3	5.7
021	6.0	8.0	7.3	6.3	5.7	6.7	7.7	6.8	6.0	5.3
ALLSTAR III	6.0	6.7	6.7	5.0	4.0	5.0	5.3	5.5	6.0	5.3
BAR LP 6162	5.3	6.0	6.0	5.7	5.0	5.3	6.0	5.6	6.0	5.3
LINN	4.3	4.0	4.7	4.0	3.3	3.7	3.7	4.0	5.0	5.3
LPB-SD-101	5.0	6.0	7.0	5.7	4.7	6.0	5.3	5.7	6.7	5.3
LPB-SD-102	5.3	6.0	6.7	4.7	4.7	5.7	5.3	5.5	6.7	5.3
LPB-SD-104	5.0	5.3	6.3	4.7	4.3	6.0	5.7	5.3	6.3	5.3
JR-747	4.3	5.3	6.0	4.3	4.0	5.0	5.0	4.9	5.7	5.0
LPB-SD-105	5.0	6.0	6.7	5.3	4.7	5.7	5.3	5.5	7.3	5.0
SAVANT	5.7	6.0	6.3	5.0	4.3	6.3	5.7	5.6	6.7	4.7
LSD VALUE	1.0	1.1	1.3	1.8	3.4	1.4	2.1	1.3	1.2	0.8
C.V. (%)	8.8	9.5	10.9	12.6	13.6	12.3	17.8	12.2	11.1	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 3.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MANHATTAN, KS 1/  
2020 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PPG-PR 421	7.0	7.0	6.0	6.0	8.0	7.7	8.0	7.1
MIGHTIER (DLFPS-236/3542)	7.0	7.0	6.0	6.0	7.3	7.3	8.0	7.0
ZOOM 2 (DLFPS-236/3545)	7.0	7.0	6.0	6.0	7.3	7.3	8.0	7.0
DLFPS-236/3546	7.0	7.0	6.0	6.0	8.0	7.3	8.0	7.0
MYSTIQUE (DLFPS-236/3547)	7.0	6.7	6.0	6.0	7.7	7.3	8.0	7.0
FASTBALL 3GL (PPG-PR 329)	7.3	7.3	6.3	6.0	7.7	6.7	8.0	7.0
JR-123	7.0	6.7	6.3	6.0	7.7	7.3	8.0	7.0
NP-2	7.0	7.0	6.0	6.0	8.0	7.0	8.0	7.0
SEABISCUIT	7.0	7.0	6.0	6.0	7.7	7.3	8.0	7.0
SLUGGER 3GL (PPG-PR 343)	7.0	7.0	6.0	6.0	8.0	7.0	7.7	7.0
SUPERSTAR GL (PPG-PR 420)	7.0	7.0	6.3	6.0	7.3	7.3	8.0	7.0
ALLOY (RRT)	7.0	7.0	6.0	6.0	7.7	6.7	8.0	6.9
ALLSTAR FORE (DLFPS-236/3541)	6.7	6.7	6.3	6.0	7.7	6.7	8.0	6.9
APPLE 3GL (PPG-PR 339)	6.7	7.0	6.3	6.0	7.3	7.0	8.0	6.9
APR3060	7.0	7.0	6.0	6.0	7.0	7.3	8.0	6.9
BAR LP 6162	7.0	7.0	6.0	6.0	7.0	7.0	8.0	6.9
BELIZE 2 (GO-142)	7.3	7.3	6.0	5.7	7.0	7.0	7.7	6.9
CAYMAN (GO-143)	7.0	7.0	6.0	6.0	7.3	7.0	8.0	6.9
CS-6	7.0	7.0	6.0	6.0	7.3	7.0	8.0	6.9
HELIOS (DLFPS-236/3538)	7.0	7.0	6.0	6.0	7.0	7.0	8.0	6.9
DLFPS-236/3540	7.0	7.0	6.0	6.0	7.0	7.0	8.0	6.9
GATOR FORE (DLFPS-236/3544)	7.0	7.0	6.0	6.0	7.7	6.7	7.7	6.9
FURLONG (LTP-FCB)	6.7	6.7	6.0	6.0	8.0	7.0	7.7	6.9
IVY (PST-2GTD)	7.0	7.0	6.0	6.0	7.7	6.7	8.0	6.9
JR-197	7.0	7.0	6.0	6.0	7.7	6.7	7.7	6.9
MRSI-PR16	7.0	7.0	6.0	6.0	7.0	7.0	8.0	6.9
PPG-PR 371	7.0	7.0	6.0	6.0	8.0	6.7	7.7	6.9
PPG-PR 422	7.0	7.0	6.0	6.0	7.3	6.7	8.0	6.9
PR-6-15	6.7	6.7	6.0	6.0	7.7	7.0	8.0	6.9
SHIELD (02BS4)	7.0	7.0	6.0	6.0	7.3	7.0	8.0	6.9
SIGNET	7.0	7.0	6.0	6.0	7.7	6.7	8.0	6.9
SILVER SPORT (PST-2CRP)	7.0	7.0	6.3	6.0	7.7	6.3	7.7	6.9
STELLAR 4GL (PPG-PR 424)	7.0	7.0	6.0	6.0	7.7	6.7	7.7	6.9
02BS1	7.0	6.7	6.0	6.0	7.3	6.7	8.0	6.8
02BS2	6.7	6.7	6.0	6.0	8.0	6.3	7.7	6.8
APR2612	7.0	7.0	6.0	6.0	7.7	6.3	7.7	6.8
ASP0117 (A-PR15)	7.0	6.7	6.0	6.0	7.3	6.7	7.7	6.8
ASP0118GL (A-4G)	7.0	7.0	6.0	6.0	6.7	7.0	8.0	6.8
DLFPS-236/3548	6.7	6.7	6.0	6.0	7.7	6.3	8.0	6.8
DLFPS-236/3550	7.0	7.0	6.3	6.0	7.3	6.7	7.3	6.8
DLFPS-236/3553	6.7	6.7	6.0	6.0	7.3	7.0	8.0	6.8
FIESTA CINCO (DLFPS-236/3554)	6.7	6.7	6.0	6.0	7.0	7.0	8.0	6.8
FIREBALL (BWH)	6.7	6.7	6.3	5.7	7.0	7.3	8.0	6.8
GRAND SLAM GLD	6.7	6.7	6.0	6.0	7.7	7.0	7.7	6.8
GRAY HAWK (PST-2FIND)	7.0	7.0	6.0	6.0	7.0	6.7	8.0	6.8
GRAY WOLF (PST-2GAL)	7.0	6.7	6.0	6.0	7.0	7.0	8.0	6.8
GREEN SUPREME+ (AMP-R1)	7.0	7.0	6.0	6.0	7.0	7.0	7.7	6.8

TABLE 3.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MANHATTAN, KS 1/  
2020 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
HOMERUN LS (PPG-PR 419)	7.0	7.0	6.3	6.0	7.0	6.3	7.7	6.8
MRSL-PR15	6.7	6.7	6.0	6.0	7.3	7.0	8.0	6.8
NP-3	6.7	6.7	6.0	6.0	7.3	7.0	8.0	6.8
PL2	7.0	6.7	6.0	6.0	7.0	7.0	8.0	6.8
PPG-PR 367	6.7	6.7	6.0	6.0	7.7	7.3	7.3	6.8
PST-2A2	7.0	7.0	6.0	6.0	6.7	6.7	8.0	6.8
PST-2BDT	7.0	7.0	6.0	6.0	7.0	7.0	7.7	6.8
PST-2PDA	7.0	7.0	6.0	6.0	6.7	7.0	8.0	6.8
SR 4700 (DLFPS-236/3543)	7.0	7.0	6.0	6.0	7.3	6.7	7.7	6.8
021	7.0	7.0	6.0	6.0	7.3	6.0	7.7	6.7
ASP0116EXT	6.7	6.3	6.0	6.0	7.7	6.7	7.7	6.7
ASP0218 (A-6D)	7.0	7.0	6.3	6.0	6.3	6.7	7.7	6.7
BAR LP 6117	7.0	7.0	6.0	6.0	6.7	6.7	7.3	6.7
BAR LP 6164	7.0	7.0	6.3	6.0	6.7	6.7	7.0	6.7
BAR LP 6233	7.0	7.0	6.0	5.7	7.0	6.7	7.3	6.7
BRIGHTSTAR SLT	6.7	6.7	6.0	6.0	6.7	7.0	7.7	6.7
DLFPS-236/3552	6.7	6.7	6.3	5.3	7.0	7.0	7.7	6.7
HATRICK (BSP-17)	6.7	6.7	6.3	6.0	6.3	7.0	7.7	6.7
INTENSE	6.7	6.3	6.3	6.0	7.0	6.7	8.0	6.7
MAN O WAR	7.0	7.0	5.7	6.0	6.3	6.7	8.0	6.7
NEXUS GT (SNX)	7.0	6.7	5.7	5.7	7.7	6.7	7.7	6.7
OVERDRIVE 5G	7.0	6.3	6.0	6.0	6.3	7.0	8.0	6.7
PARADOX GLR (PPG-PR 331)	7.0	7.0	6.0	6.0	7.0	6.3	7.7	6.7
PEPPER II (RAD-PR 103)	7.0	7.0	6.0	6.0	6.3	6.7	8.0	6.7
PHARAOH	6.7	6.7	5.7	6.0	7.3	6.7	8.0	6.7
PPG-PR 360	6.7	6.7	6.0	6.0	7.0	6.7	7.7	6.7
PPG-PR 370	6.7	6.7	6.0	6.0	7.7	6.3	7.3	6.7
PPG-PR 385	7.0	6.7	6.0	5.7	7.3	6.7	7.3	6.7
PPG-PR 423	7.0	7.0	6.0	6.0	7.3	6.3	7.3	6.7
RAD-PR 112	6.7	6.7	6.0	6.0	7.0	6.3	8.0	6.7
SLIDER LS (PPG-PR 241)	6.7	6.7	6.0	5.7	7.7	6.7	7.3	6.7
SPIKE GLS (UF3)	6.7	6.7	6.0	5.7	7.0	7.0	8.0	6.7
UMPQUA	6.7	6.3	5.7	6.0	7.3	7.0	8.0	6.7
BAR LP 6131	7.0	7.0	6.0	5.7	6.7	6.3	7.3	6.6
BAR LP 6158	7.0	7.0	6.0	5.3	7.0	6.7	7.0	6.6
BAR LP 6159	7.0	6.7	5.7	6.0	6.7	6.7	7.3	6.6
CPN	6.7	6.7	6.0	6.0	6.3	7.0	7.7	6.6
DLFPS-236/3556	6.7	6.3	6.0	5.7	7.3	6.7	7.7	6.6
EVOLVE	7.0	6.7	6.0	5.3	7.0	6.7	7.7	6.6
PPG-PR 372	6.7	6.7	6.0	5.7	7.3	6.3	7.7	6.6
PR-5-16	6.7	6.7	6.3	6.0	6.3	6.7	7.7	6.6
PST-2EGAD	6.3	6.7	6.0	6.0	7.0	6.3	8.0	6.6
PST-2FOXY	7.0	7.0	5.7	5.7	6.3	6.7	8.0	6.6
SR 4650	6.7	6.7	6.0	6.0	6.7	6.7	7.3	6.6
TEE-ME-UP (BSP-25)	6.3	6.3	6.0	6.0	7.7	6.3	7.7	6.6
XCELERATOR	7.0	7.0	5.7	6.0	6.3	6.3	7.7	6.6
023	6.7	6.7	5.7	5.7	6.7	6.7	7.7	6.5



TABLE 3.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MANHATTAN, KS 1/  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/							MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT	
APR2616	6.7	6.7	5.7	5.7	7.0	6.3	7.7	6.5
DERBY XTREME	6.7	6.3	5.7	5.7	7.0	6.3	7.7	6.5
DLFPS-238/3014	6.7	6.7	5.7	5.3	6.7	6.3	8.0	6.5
LPB-SD-103	7.0	6.7	6.3	5.3	6.0	6.3	7.7	6.5
PARAGON 2 GLR (FP2)	6.7	6.7	5.7	5.7	6.7	6.7	7.7	6.5
SAGUARO	6.3	6.3	6.0	6.0	6.7	6.3	8.0	6.5
ALLSTAR III	6.7	6.0	6.0	5.3	7.0	6.3	7.7	6.4
GO-141	6.7	6.7	5.7	5.3	6.7	6.3	7.7	6.4
LPB-SD-101	7.0	7.0	6.0	5.3	6.0	6.3	7.0	6.4
LPB-SD-104	6.3	6.3	6.3	5.3	6.3	6.7	7.3	6.4
JR-747	6.0	6.0	6.3	5.3	6.7	5.7	7.7	6.2
LPB-SD-102	6.3	6.3	6.0	5.3	6.0	6.3	7.0	6.2
MENSA	6.0	6.0	6.0	5.7	6.3	6.0	7.7	6.2
JR-888	6.3	6.3	6.0	5.0	6.0	6.0	7.3	6.1
LPB-SD-105	6.0	6.3	5.7	5.3	6.0	6.0	7.3	6.1
BAR LP 6165	6.0	6.3	5.3	5.0	5.7	5.7	6.3	5.8
SAVANT	6.0	6.0	6.0	4.7	5.0	6.0	6.7	5.8
LINN	5.0	5.0	3.3	2.0	4.0	4.3	4.7	4.0
KARMA	.	.	.	.	.	.	.	.
PST-2MAY	.	.	.	.	.	.	.	.
LSD VALUE	0.7	0.8	0.7	0.5	1.3	0.9	0.7	0.4
C.V. (%)	5.5	6.0	5.9	5.3	10.1	7.1	5.6	3.9

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 4.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								MEAN
	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS-236/3552	7.0	7.0	6.3	7.0	7.0	6.7	7.0	7.3	6.9
ZOOM 2 (DLFPS-236/3545)	6.7	7.0	6.3	6.3	7.3	6.3	6.7	6.7	6.7
JR-197	6.0	6.7	6.0	6.7	7.3	6.0	7.3	7.3	6.7
SLUGGER 3GL (PPG-PR 343)	6.7	6.3	6.3	6.3	7.3	6.3	6.7	7.3	6.7
SUPERSTAR GL (PPG-PR 420)	6.7	6.7	6.0	6.7	7.3	6.7	6.3	7.0	6.7
ALLSTAR FORE (DLFPS-236/3541)	6.7	6.3	6.7	6.3	6.7	6.3	6.7	7.3	6.6
IVY (PST-2GTD)	6.3	6.7	6.0	6.0	6.7	6.3	7.0	8.0	6.6
PPG-PR 421	6.3	6.7	6.0	6.7	7.3	6.7	6.3	7.0	6.6
PR-5-16	6.7	6.7	6.0	6.7	7.0	6.3	6.3	7.0	6.6
SR 4700 (DLFPS-236/3543)	6.7	7.0	6.3	6.7	7.0	6.7	5.7	7.0	6.6
02BS2	6.7	6.7	6.3	6.0	6.7	6.0	6.7	6.7	6.5
ASP0118GL (A-4G)	6.0	6.0	6.0	6.3	8.0	6.3	7.0	6.7	6.5
HELIOS (DLFPS-236/3538)	6.7	7.0	6.3	6.7	6.7	5.7	6.7	6.3	6.5
DLFPS-236/3546	6.0	6.0	6.0	6.0	7.0	6.7	7.0	7.3	6.5
DLFPS-236/3556	6.7	6.7	6.0	6.7	7.0	6.0	6.7	6.7	6.5
PPG-PR 385	6.3	6.3	6.3	6.0	6.3	6.7	6.7	7.3	6.5
021	6.3	6.0	6.0	6.3	7.0	6.3	6.3	6.7	6.4
023	6.3	6.7	6.7	6.3	6.3	5.7	6.7	6.7	6.4
APPLE 3GL (PPG-PR 339)	6.3	6.0	6.0	6.3	6.7	6.0	6.7	7.0	6.4
APR2616	6.3	6.0	6.3	6.7	6.7	5.7	6.3	7.0	6.4
BAR LP 6233	6.3	6.0	6.3	6.3	6.7	6.0	7.0	6.7	6.4
MYSTIQUE (DLFPS-236/3547)	6.0	6.0	6.0	6.0	7.0	6.3	7.0	6.7	6.4
DLFPS-236/3548	6.3	6.0	6.0	6.7	7.7	6.3	5.7	6.7	6.4
PPG-PR 372	6.7	6.3	6.3	6.0	7.0	6.0	6.7	6.3	6.4
PPG-PR 423	6.0	6.3	6.0	6.0	7.7	6.0	7.0	6.3	6.4
SLIDER LS (PPG-PR 241)	6.3	6.3	6.3	6.3	7.3	6.0	6.0	6.7	6.4
UMPQUA	5.7	6.3	6.0	6.7	6.3	6.7	6.3	7.3	6.4
FIESTA CINCO (DLFPS-236/3554)	6.0	6.3	6.0	6.3	7.0	6.3	6.7	6.0	6.3
GRAY HAWK (PST-2FIND)	6.3	6.3	6.0	6.0	6.0	5.7	6.7	7.0	6.3
NP-3	6.3	6.0	5.7	6.3	7.3	5.7	6.3	6.3	6.3
PST-2EGAD	6.3	6.3	6.0	6.3	6.3	6.0	7.0	6.3	6.3
PST-2FOXY	6.0	6.0	5.7	5.7	7.3	6.3	7.0	6.7	6.3
PST-2MAY	6.0	6.3	6.0	6.0	7.0	5.7	6.7	7.0	6.3
SILVER SPORT (PST-2CRP)	6.0	6.3	5.7	6.7	6.7	5.7	6.3	6.7	6.3
STELLAR 4GL (PPG-PR 424)	6.7	6.3	6.3	6.0	6.7	5.7	6.0	6.3	6.3
ALLOY (RRT)	6.0	6.3	6.0	6.7	6.3	6.0	6.3	6.0	6.2
ASP0218 (A-6D)	6.0	6.3	6.0	6.0	7.3	6.0	5.7	6.0	6.2
CPN	6.3	6.3	6.0	5.7	6.7	6.3	6.3	6.0	6.2
MIGHTIER (DLFPS-236/3542)	6.3	6.7	6.3	6.0	6.7	5.7	5.7	6.0	6.2
GATOR FORE (DLFPS-236/3544)	6.3	6.3	6.0	7.0	6.3	5.3	6.3	6.0	6.2
PARADOX GLR (PPG-PR 331)	5.7	6.0	5.7	6.0	6.7	6.7	6.7	6.3	6.2
PPG-PR 422	6.0	6.0	5.7	5.7	6.3	6.3	7.0	6.7	6.2
SHIELD (02BS4)	6.3	6.7	6.0	6.3	6.3	5.7	5.7	6.3	6.2
SPIKE GLS (UF3)	6.7	6.3	6.3	6.3	6.0	6.0	5.7	6.3	6.2
BAR LP 6165	6.0	6.0	6.0	5.3	6.3	6.0	6.7	6.7	6.1
DLFPS-236/3540	6.3	6.0	5.7	6.3	6.7	5.7	6.0	6.3	6.1
DLFPS-236/3550	6.0	6.0	5.7	6.3	6.3	6.0	6.0	6.7	6.1

TABLE 4.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/									
NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
FASTBALL 3GL (PPG-PR 329)	6.3	6.3	5.3	6.3	6.7	5.7	6.3	6.0	6.1
PARAGON 2 GLR (FP2)	6.0	6.0	6.0	6.0	6.3	6.0	6.0	6.3	6.1
PPG-PR 370	6.0	6.0	6.0	6.7	5.7	5.7	6.0	7.0	6.1
PPG-PR 371	5.7	6.0	6.0	6.0	6.3	6.0	6.0	7.0	6.1
PST-2A2	6.0	6.0	5.7	5.7	6.3	5.7	6.3	7.0	6.1
PST-2BDT	6.3	6.0	5.7	6.7	6.0	5.7	5.3	7.3	6.1
PST-2PDA	6.3	6.0	5.7	5.7	6.7	5.3	6.7	6.3	6.1
ASP0117 (A-PR15)	6.0	6.0	5.7	6.0	6.3	6.0	5.7	6.0	6.0
BAR LP 6164	6.0	6.0	5.7	6.0	6.3	5.7	6.3	6.3	6.0
CS-6	6.3	6.0	6.0	6.3	6.3	5.7	5.7	5.7	6.0
FURLONG (LTP-FCB)	6.7	7.0	6.3	6.0	5.7	4.7	5.3	6.0	6.0
GRAY WOLF (PST-2GAL)	6.0	6.0	5.3	6.0	6.3	5.7	6.0	6.3	6.0
HOMERUN LS (PPG-PR 419)	5.7	6.0	5.7	6.0	6.0	6.0	6.7	6.3	6.0
KARMA	6.3	6.3	6.3	6.0	6.3	5.3	5.3	6.3	6.0
MAN O WAR	6.0	6.0	5.7	6.0	6.0	5.7	6.0	6.3	6.0
MRS1-PR16	6.3	6.0	5.7	6.3	6.7	5.0	5.3	6.3	6.0
NEXUS GT (SNX)	6.3	6.3	6.0	6.3	6.3	5.7	5.0	6.3	6.0
NP-2	6.3	6.0	6.0	6.3	6.0	5.3	6.3	6.0	6.0
PL2	6.3	6.0	5.3	6.0	6.3	5.7	6.3	6.0	6.0
PPG-PR 360	6.0	6.0	5.7	6.0	6.3	5.7	6.0	6.3	6.0
PR-6-15	6.0	6.0	6.0	6.0	6.3	5.7	6.0	6.0	6.0
RAD-PR 112	6.0	6.0	5.7	6.0	6.7	5.7	6.0	5.7	6.0
SIGNET	6.0	6.3	6.0	6.7	6.3	5.3	5.7	5.7	6.0
XCELERATOR	6.3	6.3	6.0	6.3	5.3	5.0	6.0	6.3	6.0
APR2612	6.7	5.7	6.0	6.0	6.0	5.3	6.0	5.7	5.9
APR3060	6.0	6.0	6.0	6.0	6.3	5.7	5.3	6.0	5.9
BAR LP 6117	5.7	6.0	6.0	6.0	6.3	6.0	5.3	5.7	5.9
BAR LP 6159	6.0	6.0	5.7	5.7	6.0	5.7	6.0	6.3	5.9
EVOLVE	6.3	6.3	6.0	6.3	6.7	5.0	5.0	5.3	5.9
MRS1-PR15	6.3	6.0	5.3	6.3	6.0	5.3	5.3	6.3	5.9
SR 4650	6.0	6.3	6.0	6.0	5.7	5.3	5.7	6.0	5.9
BELIZE 2 (GO-142)	6.3	6.0	5.7	5.7	5.7	5.0	6.3	5.3	5.8
GRAND SLAM GLD	6.0	6.0	6.0	5.3	5.3	5.0	6.0	6.3	5.8
GREEN SUPREME+ (AMP-R1)	6.0	6.0	5.7	6.0	5.7	5.7	5.3	5.7	5.8
OVERDRIVE 5G	6.0	6.0	5.3	6.3	5.7	5.3	5.7	5.7	5.8
SEABISCUIT	6.0	6.0	5.3	6.0	6.0	5.3	5.7	6.0	5.8
TEE-ME-UP (BSP-25)	6.3	6.0	5.7	6.0	6.0	5.3	5.7	5.3	5.8
02BS1	6.0	6.3	5.3	6.3	5.3	4.7	5.7	6.0	5.7
BAR LP 6158	6.0	6.0	5.3	5.7	6.0	5.3	5.3	5.7	5.7
DLFPS-236/3553	6.0	6.0	5.0	6.0	5.7	5.3	5.7	6.0	5.7
INTENSE	6.3	5.7	5.3	6.3	5.7	5.0	5.3	5.7	5.7
JR-123	6.0	6.0	5.3	6.0	6.0	5.3	5.3	5.7	5.7
PEPPER II (RAD-PR 103)	6.0	5.7	5.3	5.7	5.7	5.3	6.0	5.7	5.7
DERBY XTREME	5.7	6.0	5.7	5.7	6.0	5.3	5.3	5.3	5.6
FIREBALL (BWH)	5.7	6.0	5.3	6.0	6.3	5.3	5.0	5.0	5.6
PHARAOH	6.0	5.3	5.3	5.3	5.7	5.3	5.7	6.0	5.6
ASP0116EXT	6.0	6.0	5.3	5.7	5.7	5.0	5.3	5.3	5.5

TABLE 4.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								MEAN
	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
BAR LP 6162	5.7	5.7	5.3	6.0	5.7	5.3	5.7	5.0	5.5
HATRICK (BSP-17)	6.0	6.0	5.3	5.7	5.7	5.3	5.0	5.3	5.5
JR-888	6.3	5.7	5.3	6.0	6.0	5.3	4.7	4.7	5.5
CAYMAN (GO-143)	5.7	5.7	5.3	5.7	5.0	5.0	5.3	5.3	5.4
GO-141	6.0	5.3	5.0	5.7	5.3	5.3	5.0	5.3	5.4
BAR LP 6131	5.0	5.0	5.3	5.0	5.7	5.3	5.3	5.7	5.3
BRIGHTSTAR SLT	5.7	5.3	5.3	5.3	5.3	5.0	4.7	5.3	5.3
PPG-PR 367	6.0	5.7	5.0	5.7	5.0	4.3	5.0	6.0	5.3
SAVANT	6.0	6.0	5.7	6.0	6.0	4.7	4.0	4.3	5.3
ALLSTAR III	6.0	6.0	5.0	5.7	5.3	4.7	4.3	4.7	5.2
LPB-SD-104	6.0	6.0	5.3	5.7	6.7	4.3	3.7	3.7	5.2
LPB-SD-103	5.7	5.3	5.0	5.0	6.0	5.0	4.7	4.3	5.1
SAGUARO	6.0	6.0	5.0	5.7	5.3	4.7	4.0	4.3	5.1
DLFPS-238/3014	5.7	5.0	4.7	5.0	5.3	4.7	5.0	4.3	5.0
LPB-SD-102	5.3	4.3	4.3	5.0	5.7	5.0	5.0	5.3	5.0
LPB-SD-105	5.7	5.7	5.3	5.7	5.7	4.7	4.0	3.7	5.0
LPB-SD-101	5.7	4.7	4.7	5.7	5.3	4.7	4.0	4.7	4.9
MENSA	4.7	5.0	4.3	5.7	5.3	4.3	4.7	4.7	4.8
JR-747	5.3	4.3	4.7	5.3	4.7	4.3	4.0	3.7	4.5
LINN	1.0	2.0	2.0	3.0	4.0	3.0	3.7	2.7	2.7
LSD VALUE	0.7	0.9	0.9	0.9	1.5	1.3	1.1	1.1	0.5
C.V. (%)	7.6	9.0	9.2	8.8	12.7	12.5	11.9	11.7	5.9

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

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

TABLE 5.

PERCENT RECOVERY RATINGS FROM DIVOTS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON (DIVOT), KY 1/  
2020 DATA 2/

NAME	MARCH 20	APRIL 22	MAY 6	MAY 20	JUNE 2	JUNE 17	JUNE 30	JULY 15	AUGUST 4	AUGUST 19	MEAN
DLFPS-236/3556	95.0	89.3	93.3	95.7	90.0	89.3	96.0	94.0	96.0	93.3	93.2
DLFPS-236/3546	93.0	89.0	92.3	94.3	91.0	89.0	95.3	96.0	91.7	90.3	92.2
PST-2FOXY	94.3	86.7	93.3	96.3	91.3	88.0	93.7	92.7	93.3	92.3	92.2
SUPERSTAR GL (PPG-PR 420)	93.3	88.3	93.7	94.7	90.3	88.3	92.7	93.3	93.3	91.7	92.0
ALLSTAR FORE (DLFPS-236/3541)	92.7	89.3	93.3	95.0	89.3	89.3	92.0	93.0	92.0	92.7	91.9
MYSTIQUE (DLFPS-236/3547)	92.3	90.7	92.3	95.3	89.3	87.3	93.3	93.0	92.7	92.3	91.9
PARADOX GLR (PPG-PR 331)	90.7	91.3	91.7	96.7	91.7	87.7	94.7	92.3	91.3	90.0	91.8
023	93.7	90.3	91.3	95.7	89.7	86.7	91.7	91.7	90.0	95.3	91.6
021	90.3	88.7	89.0	94.0	89.3	89.3	93.7	92.3	95.0	93.7	91.5
GATOR FORE (DLFPS-236/3544)	95.0	89.7	93.7	96.3	89.7	84.7	92.0	94.0	90.0	89.7	91.5
FASTBALL 3GL (PPG-PR 329)	92.7	88.3	90.0	96.0	89.3	90.0	94.7	93.7	91.0	89.3	91.5
GRAY WOLF (PST-2GAL)	93.7	85.0	91.7	95.7	89.7	89.7	95.7	93.3	90.7	90.0	91.5
PPG-PR 421	94.0	88.0	91.0	95.0	88.0	88.0	94.7	96.0	91.0	89.7	91.5
ZOOM 2 (DLFPS-236/3545)	92.7	91.0	94.0	94.3	89.0	86.7	91.7	90.3	92.3	92.0	91.4
SLIDER LS (PPG-PR 241)	94.0	87.0	92.0	97.0	86.7	87.7	95.0	92.3	90.0	92.0	91.4
SR 4650	94.3	90.7	93.0	96.7	91.7	89.3	90.3	88.0	90.7	89.3	91.4
DERBY XTREME	93.3	89.7	92.0	95.0	88.0	85.3	92.7	91.7	93.0	92.7	91.3
ASP0117 (A-PR15)	91.7	88.0	90.7	96.3	90.3	88.0	93.0	91.3	90.0	92.3	91.2
BAR LP 6233	92.0	88.3	91.3	95.0	88.0	85.3	93.3	91.7	92.3	94.7	91.2
FIESTA CINCO (DLFPS-236/3554)	93.3	87.3	91.0	94.7	87.7	90.7	92.7	93.0	90.3	91.7	91.2
STELLAR 4GL (PPG-PR 424)	94.0	90.7	91.3	94.0	88.7	86.3	93.0	91.3	91.7	91.0	91.2
JR-888	91.7	87.3	92.7	95.7	90.7	88.3	93.0	89.3	88.7	94.0	91.1
BAR LP 6165	94.7	88.3	92.0	94.7	91.7	90.7	90.7	85.7	86.0	94.3	90.9
MIGHTIER (DLFPS-236/3542)	93.7	88.0	91.3	94.0	86.7	85.3	91.0	92.7	93.0	93.3	90.9
DLFPS-236/3550	94.0	88.7	92.0	96.7	87.0	87.0	94.7	92.7	86.0	90.0	90.9
DLFPS-236/3553	94.0	87.7	93.0	96.7	91.0	89.0	91.7	92.0	85.0	88.7	90.9
HOMERUN LS (PPG-PR 419)	93.0	88.0	91.3	97.7	87.7	88.7	93.7	93.3	87.0	88.3	90.9
DLFPS-236/3552	93.0	91.3	93.7	97.0	87.3	85.7	91.3	89.3	90.3	89.0	90.8
PR-5-16	92.7	87.0	91.7	94.7	86.3	87.7	94.0	92.7	91.0	90.3	90.8
SR 4700 (DLFPS-236/3543)	92.3	90.0	91.7	96.3	87.0	86.0	93.0	91.0	90.7	88.7	90.7
BAR LP 6164	92.7	86.7	90.7	94.0	88.3	87.3	92.0	92.7	89.0	92.7	90.6
JR-197	92.3	87.3	90.7	95.0	86.0	85.7	93.7	92.7	91.0	91.7	90.6
ALLOY (RRT)	92.3	88.3	93.0	95.7	89.0	86.0	91.3	89.3	89.0	90.7	90.5
NP-3	93.0	90.0	92.3	92.3	89.0	89.3	95.0	92.3	84.3	87.3	90.5
SHIELD (02BS4)	93.3	90.7	93.7	96.0	86.7	85.0	93.0	91.3	88.0	87.7	90.5
APR2616	93.3	88.0	90.7	92.3	86.0	86.3	92.7	92.3	92.3	88.7	90.3
ASP0118GL (A-4G)	92.7	87.0	88.3	95.3	85.7	83.0	91.7	93.7	92.7	93.3	90.3
DLFPS-236/3540	92.7	87.7	91.3	95.0	84.0	84.3	93.3	93.3	91.7	90.0	90.3
JR-123	92.0	87.0	92.3	95.0	86.0	84.7	90.7	90.3	91.0	94.0	90.3
PARAGON 2 GLR (FP2)	93.0	86.0	90.7	93.3	88.7	89.3	94.7	93.3	87.3	86.7	90.3
PPG-PR 422	91.3	90.7	90.7	94.7	86.7	85.7	90.7	89.3	90.3	93.0	90.3
TEE-ME-UP (BSP-25)	91.7	87.3	90.3	94.0	88.3	86.7	92.3	90.3	91.3	91.0	90.3
02BS1	92.7	87.7	91.3	96.0	88.0	85.7	95.3	92.7	86.7	86.3	90.2
02BS2	93.7	88.7	89.7	92.3	88.3	86.7	92.7	93.7	90.3	85.7	90.2
PR-6-15	94.0	90.7	91.3	97.7	86.3	80.7	91.7	92.3	90.0	87.7	90.2
XCELERATOR	94.0	89.0	91.3	95.0	88.7	84.7	93.0	92.3	90.0	84.0	90.2
EVOLVE	92.7	87.3	90.3	93.0	87.3	88.3	92.7	90.3	90.0	88.7	90.1
PPG-PR 372	93.3	89.0	93.3	94.0	90.3	84.7	92.0	87.7	87.7	89.3	90.1

TABLE 5.  
(CONT'D)

PERCENT RECOVERY RATINGS FROM DIVOTS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON (DIVOT), KY 1/  
2020 DATA 2/

NAME	MARCH 20	APRIL 22	MAY 6	MAY 20	JUNE 2	JUNE 17	JUNE 30	JULY 15	AUGUST 4	AUGUST 19	MEAN
NP-2	92.7	89.7	91.0	93.7	89.3	85.0	92.7	88.7	90.3	87.0	90.0
PST-2BDT	93.7	85.3	91.0	95.7	87.7	87.0	92.0	90.3	88.3	88.7	90.0
IVY (PST-2GTD)	94.3	88.3	92.0	93.7	90.0	88.0	92.0	83.0	89.3	88.0	89.9
SILVER SPORT (PST-2CRP)	92.0	87.3	89.7	92.7	85.3	85.0	91.3	91.0	92.3	92.0	89.9
PL2	92.3	87.3	90.3	96.3	85.3	83.0	90.7	88.0	92.7	92.0	89.8
SEABISCUIT	92.7	85.3	90.0	93.7	89.3	85.7	93.7	89.7	92.0	86.3	89.8
UMPQUA	92.0	87.7	92.3	95.3	86.7	86.0	93.7	91.0	84.7	88.3	89.8
APR3060	93.7	87.3	92.3	94.7	85.3	84.3	90.7	91.3	89.7	87.7	89.7
HELIOS (DLFPS-236/3538)	92.0	87.3	91.0	95.0	85.7	85.0	90.3	90.0	90.7	89.7	89.7
GRAY HAWK (PST-2FIND)	93.3	91.3	95.3	96.3	89.3	83.7	89.3	88.3	88.0	82.0	89.7
RAD-PR 112	94.3	86.3	90.0	95.7	89.0	85.0	91.0	89.0	85.3	90.7	89.6
APR2612	93.0	87.0	89.7	94.7	84.3	86.0	93.0	91.7	87.3	88.7	89.5
OVERDRIVE 5G	92.0	86.0	87.3	94.7	85.0	84.7	95.3	93.3	88.0	89.0	89.5
PPG-PR 360	92.0	86.7	88.7	94.7	85.3	87.3	91.3	90.7	89.3	89.0	89.5
ASPO218 (A-6D)	93.7	90.3	91.0	93.7	83.3	85.0	90.0	91.7	85.3	89.7	89.4
BAR LP 6159	91.0	87.7	89.3	92.3	88.0	87.0	90.0	90.0	85.7	93.0	89.4
SAGUARO	92.0	89.3	92.3	94.3	87.3	85.3	89.3	84.3	89.0	91.0	89.4
SAVANT	92.7	87.3	91.7	95.7	87.3	86.0	88.7	87.0	85.3	92.3	89.4
LPB-SD-103	91.3	86.7	91.3	92.3	90.7	86.7	89.7	87.0	83.7	93.3	89.3
PST-2A2	93.7	87.3	90.3	94.0	87.0	87.7	90.7	87.0	85.3	89.7	89.3
SLUGGER 3GL (PPG-PR 343)	91.7	89.7	92.3	92.3	88.7	84.0	89.3	91.3	86.0	87.3	89.3
SPIKE GLS (UF3)	92.3	86.3	89.0	94.7	87.3	86.0	93.7	88.7	86.3	88.3	89.3
CS-6	90.7	87.7	91.3	95.0	85.7	85.0	91.3	90.7	85.7	89.3	89.2
LPB-SD-105	91.3	86.7	91.3	93.3	90.7	85.7	87.7	87.3	85.0	93.3	89.2
MRL-PR16	92.3	87.0	89.0	96.0	85.0	83.3	90.3	85.7	91.3	92.3	89.2
PPG-PR 367	93.0	86.0	90.3	95.3	89.3	83.0	94.0	90.3	85.0	85.7	89.2
PPG-PR 370	95.0	88.0	91.0	97.3	88.3	86.3	89.3	87.0	86.7	83.0	89.2
BAR LP 6117	93.0	88.0	91.0	94.7	87.0	86.3	90.0	90.3	82.0	88.3	89.1
CPN	90.3	87.3	89.3	91.7	88.0	87.7	90.0	88.7	88.7	89.7	89.1
FURLONG (LTP-FCB)	94.7	91.0	93.7	94.7	86.0	86.0	92.0	91.3	79.3	81.7	89.0
INTENSE	93.7	87.7	93.0	94.7	86.0	82.3	89.7	87.7	87.3	87.7	89.0
ALLSTAR III	93.7	86.3	90.7	95.7	88.7	87.3	91.7	87.3	85.3	82.0	88.9
CAYMAN (GO-143)	93.0	86.7	90.3	95.3	89.0	89.3	91.3	88.0	83.0	83.3	88.9
DLFPS-236/3548	92.7	86.7	90.0	93.0	88.3	83.7	91.0	90.0	85.3	88.3	88.9
APPLE 3GL (PPG-PR 339)	91.7	86.3	89.7	93.3	84.3	83.3	92.0	90.7	87.0	89.7	88.8
SIGNET	91.0	89.0	92.0	96.0	87.7	87.7	88.7	85.7	81.7	88.0	88.7
BAR LP 6158	92.7	87.0	91.3	94.3	84.7	83.7	91.7	90.3	81.0	88.7	88.5
PST-2MAY	92.3	86.3	90.3	94.7	87.0	84.3	91.0	88.0	85.0	85.7	88.5
ASPO116EXT	92.3	86.7	91.7	96.3	85.7	84.3	85.0	85.7	85.7	89.7	88.3
LPB-SD-101	89.0	84.7	89.3	94.3	86.0	82.7	90.0	89.3	84.3	92.0	88.2
PST-2EGAD	92.3	82.0	87.0	91.0	84.0	84.3	90.3	93.7	89.3	88.0	88.2
PHARAOH	90.3	83.0	88.3	95.3	86.3	85.0	90.3	86.3	87.0	88.7	88.1
JR-747	90.7	88.3	93.3	95.0	91.7	88.0	90.7	85.7	69.7	86.7	88.0
MAN O WAR	90.7	84.3	88.0	93.0	88.7	81.7	89.0	90.3	85.7	88.3	88.0
GO-141	93.7	88.0	90.3	94.3	87.7	84.0	89.7	81.3	83.0	87.3	87.9
MRL-PR15	91.7	85.3	88.0	95.3	85.7	84.7	89.3	84.0	86.7	88.3	87.9
NEXUS GT (SNX)	93.3	87.3	90.7	94.0	85.3	81.7	92.3	88.3	82.7	83.3	87.9
BAR LP 6131	90.3	88.0	91.3	97.3	87.0	85.0	90.0	81.7	78.3	88.3	87.7

TABLE 5.  
(CONT'D)

PERCENT RECOVERY RATINGS FROM DIVOTS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON (DIVOT), KY 1/  
2020 DATA 2/

NAME	MARCH 20	APRIL 22	MAY 6	MAY 20	JUNE 2	JUNE 17	JUNE 30	JULY 15	AUGUST 4	AUGUST 19	MEAN
BELIZE 2 (GO-142)	90.0	86.3	88.3	93.3	87.7	83.7	89.0	86.0	83.3	89.0	87.7
FIREBALL (BWH)	94.0	88.3	91.0	94.3	81.7	77.7	84.7	87.7	87.3	89.7	87.6
GREEN SUPREME+ (AMP-R1)	92.7	87.0	91.3	93.0	83.7	83.0	89.3	83.7	83.3	88.3	87.5
LPB-SD-104	90.0	85.3	89.3	92.7	85.0	80.0	88.0	86.7	85.3	93.0	87.5
PPG-PR 385	91.3	87.0	88.7	92.3	84.3	81.0	88.3	83.7	89.0	89.7	87.5
PST-2PDA	89.0	83.3	87.7	94.3	84.3	84.7	91.7	85.7	84.3	90.0	87.5
DLFPS-238/3014	93.0	84.3	90.7	94.3	85.7	83.3	89.3	85.7	79.3	88.3	87.4
PEPPER II (RAD-PR 103)	91.7	83.7	88.0	92.7	83.0	84.3	89.0	90.7	83.3	87.3	87.4
PPG-PR 371	93.7	87.0	90.7	92.3	85.0	85.3	91.0	84.3	81.3	83.7	87.4
PPG-PR 423	88.7	85.3	88.3	92.3	83.3	79.0	86.7	88.0	90.3	92.0	87.4
KARMA	91.0	89.3	90.0	94.0	84.0	84.7	89.0	85.3	79.7	86.0	87.3
BRIGHTSTAR SLT	91.3	83.3	87.0	95.7	85.3	80.7	89.0	87.0	84.7	87.3	87.1
BAR LP 6162	90.0	84.7	86.0	92.7	83.0	78.7	86.0	87.3	88.7	92.3	86.9
MENSA	90.7	81.7	89.7	92.0	85.7	79.7	90.0	84.3	81.7	90.0	86.5
HATRICK (BSP-17)	89.0	84.3	86.0	93.7	82.3	80.0	88.3	84.3	85.3	87.3	86.1
GRAND SLAM GLD	87.7	85.7	88.0	91.7	78.3	79.3	88.7	87.7	78.3	85.7	85.1
LPB-SD-102	89.7	84.0	87.3	93.0	91.7	80.7	85.0	70.3	77.3	90.7	85.0
LINN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LSD VALUE	4.1	4.2	4.6	3.9	5.7	6.4	5.4	8.4	8.7	6.8	3.2
C.V. (%)	3.1	3.4	3.5	2.9	4.5	5.1	4.1	6.3	6.6	5.2	2.5

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

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

TABLE 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2020 DATA

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

NAME	WEAR TOLERANCE RATINGS			QUALITY RATINGS									MEAN
	MAY	JULY	OCTOBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
02BS2	5.3	5.3	4.3	7.0	6.7	6.3	7.0	7.0	6.7	7.0	6.0	6.7	
SR 4700 (DLFPS-236/3543)	5.7	6.3	5.7	6.7	6.7	7.0	6.7	7.0	6.3	7.0	6.3	6.7	
FURLONG (LTP-FCB)	6.3	7.0	5.3	6.7	6.7	7.0	6.7	6.3	6.7	6.7	6.0	6.6	
APPLE 3GL (PPG-PR 339)	6.3	5.7	5.3	6.7	6.7	6.7	6.7	6.7	6.7	6.0	6.0	6.5	
STELLAR 4GL (PPG-PR 424)	5.3	5.0	5.7	7.3	6.3	6.3	6.0	6.7	6.7	6.3	6.0	6.5	
IVY (PST-2GTD)	5.7	5.7	6.0	6.3	6.7	6.3	6.7	6.7	6.3	6.0	6.0	6.4	
NP-3	6.0	6.0	5.3	7.0	5.7	6.3	6.3	6.7	6.7	6.3	6.3	6.4	
SPIKE GLS (UF3)	5.7	6.0	5.3	6.7	6.3	6.3	6.7	6.7	6.3	6.3	6.0	6.4	
PR-6-15	5.7	5.3	5.3	6.3	6.3	6.0	6.3	6.3	6.3	6.7	5.7	6.3	
PST-2A2	5.7	5.7	5.0	6.7	6.3	6.0	6.3	6.3	6.7	6.0	6.0	6.3	
PPG-PR 370	6.0	5.3	5.7	6.7	5.7	6.3	5.7	6.3	6.3	6.3	6.0	6.2	
PPG-PR 421	6.0	6.0	6.7	6.3	6.3	6.0	6.0	6.3	6.3	6.0	6.3	6.2	
SEABISCUIT	5.0	5.3	5.0	6.3	6.3	6.3	6.0	5.7	6.7	6.0	6.0	6.2	
GATOR FORE (DLFPS-236/3544)	5.7	6.0	6.0	6.0	6.3	6.3	6.3	6.0	6.0	6.0	5.7	6.1	
FIESTA CINCO (DLFPS-236/3554)	6.7	7.7	6.0	6.0	6.3	5.7	5.7	6.7	6.0	6.3	6.0	6.1	
PARADOX GLR (PPG-PR 331)	6.0	6.7	5.7	5.7	6.0	6.3	6.3	6.3	6.0	6.0	6.3	6.1	
PPG-PR 367	6.0	6.3	6.3	6.0	6.3	6.0	6.3	6.3	6.0	6.0	6.0	6.1	
PPG-PR 372	5.3	5.3	5.0	6.3	6.7	6.3	5.7	6.0	6.3	5.7	5.7	6.1	
SLUGGER 3GL (PPG-PR 343)	5.3	5.3	5.7	6.7	6.3	6.3	6.0	6.0	5.7	6.0	5.7	6.1	
APR2616	6.7	6.3	5.3	6.7	6.0	6.0	6.0	5.7	5.7	6.3	5.3	6.0	
BAR LP 6117	6.0	6.0	5.0	6.3	5.3	6.0	5.7	6.0	6.0	6.7	6.0	6.0	
DLFPS-236/3552	6.7	7.7	5.7	6.3	6.0	6.3	6.0	6.0	6.0	5.7	5.3	6.0	
DLFPS-236/3553	4.3	5.7	5.3	6.3	5.3	6.0	5.7	5.7	6.7	6.3	6.0	6.0	
FASTBALL 3GL (PPG-PR 329)	6.7	6.0	5.7	6.0	6.0	6.0	5.7	6.3	6.0	6.0	5.7	6.0	
NP-2	6.0	6.0	6.0	5.7	6.7	6.0	6.7	6.0	5.7	5.7	5.7	6.0	
PHARAOH	5.7	5.7	6.3	6.0	6.0	5.7	5.7	6.0	6.3	6.7	6.0	6.0	
SLIDER LS (PPG-PR 241)	4.7	5.3	5.0	6.0	6.0	6.0	6.0	6.0	6.0	5.3	6.3	6.0	
BRIGHTSTAR SLT	5.3	6.0	5.7	6.3	5.7	6.3	5.7	6.0	6.3	5.3	5.7	5.9	
CPN	4.7	5.3	4.7	6.7	6.0	5.7	5.3	5.7	6.7	6.0	5.3	5.9	
EVOLVE	5.0	5.3	4.7	6.0	5.3	6.0	6.7	5.7	6.3	6.0	5.0	5.9	
PPG-PR 360	6.0	5.7	5.3	6.7	5.7	5.7	5.7	5.7	5.7	6.7	5.3	5.9	
PPG-PR 371	5.3	5.3	5.7	6.3	5.7	5.7	6.0	6.0	6.0	5.7	5.7	5.9	
ALLOY (RRT)	6.0	6.7	6.3	5.7	5.7	6.0	5.3	6.0	5.7	6.0	5.7	5.8	
ALLSTAR FORE (DLFPS-236/3541)	6.3	7.0	6.3	6.0	5.7	5.3	5.7	6.0	6.0	5.7	5.7	5.8	
BAR LP 6131	4.3	5.3	5.0	6.3	5.3	6.0	5.7	5.7	5.7	6.3	5.0	5.8	
BAR LP 6162	4.0	4.0	4.0	6.0	5.3	6.0	5.3	6.0	6.0	6.0	6.0	5.8	
BAR LP 6164	4.7	5.7	5.0	5.7	6.0	6.0	5.3	6.0	6.0	5.7	5.3	5.8	
ZOOM 2 (DLFPS-236/3545)	5.0	6.0	5.0	6.3	6.3	5.7	5.7	5.7	6.0	5.3	5.0	5.8	
DLFPS-236/3550	5.7	7.0	6.0	6.3	5.3	6.3	5.7	6.0	6.0	5.3	5.3	5.8	
JR-123	5.7	6.0	5.3	6.3	6.0	5.3	5.7	5.7	6.0	6.0	5.7	5.8	
PARAGON 2 GLR (FP2)	6.0	6.3	5.7	5.7	6.3	5.7	5.7	6.3	5.7	6.0	5.0	5.8	
PL2	5.3	6.0	5.3	6.0	5.3	5.3	6.0	5.3	6.3	6.3	5.3	5.8	
SR 4650	6.0	6.3	5.0	6.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	5.8	
SUPERSTAR GL (PPG-PR 420)	5.3	6.0	5.0	6.0	5.3	6.0	6.0	6.3	6.0	5.3	5.3	5.8	
UMPQUA	5.0	5.0	5.3	6.3	6.3	6.0	5.7	5.7	5.7	5.7	5.3	5.8	
XCELERATOR	5.0	6.0	5.7	6.0	6.0	6.0	5.0	5.7	6.0	6.3	5.7	5.8	
023	4.7	5.3	4.3	6.3	5.7	5.7	5.7	5.7	6.0	5.3	5.3	5.7	



TABLE 6.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2020 DATA

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

NAME	WEAR TOLERANCE RATINGS			QUALITY RATINGS								
	MAY	JULY	OCTOBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
BAR LP 6159	6.0	6.3	4.3	6.3	5.0	6.0	5.3	5.3	6.0	6.0	5.3	5.7
BAR LP 6165	5.0	4.7	4.3	6.3	5.3	6.0	5.7	5.7	6.0	5.3	5.0	5.7
BAR LP 6233	5.0	4.7	5.0	6.7	5.3	6.0	5.7	5.7	6.0	5.3	5.0	5.7
DERBY XTREME	5.0	5.3	5.7	5.7	5.7	5.7	6.0	6.0	6.0	5.0	5.3	5.7
DLFPS-238/3014	4.3	4.3	4.0	6.3	5.0	5.7	5.3	5.3	6.0	6.0	5.7	5.7
JR-197	6.7	6.0	5.3	6.0	6.0	5.3	5.7	5.7	6.3	5.7	5.0	5.7
KARMA	5.0	5.3	5.3	6.0	5.7	5.7	5.3	5.7	6.3	5.3	5.3	5.7
SHIELD (02BS4)	4.3	6.0	4.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	5.3	5.7
02BS1	6.7	7.3	6.7	5.7	5.7	5.7	5.7	5.7	6.0	5.7	5.0	5.6
HELIOS (DLFPS-236/3538)	5.3	5.3	5.3	5.7	6.0	6.0	5.7	5.7	5.3	5.3	5.0	5.6
DLFPS-236/3546	5.0	5.7	5.3	5.7	5.3	5.3	6.0	5.7	5.3	5.7	5.7	5.6
MYSTIQUE (DLFPS-236/3547)	5.3	5.3	5.0	5.3	6.0	5.3	5.7	6.0	6.0	5.3	5.3	5.6
MAN O WAR	5.3	5.7	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.3	5.3	5.6
PR-5-16	4.3	5.3	4.7	5.7	5.7	6.3	5.7	5.7	6.0	5.0	5.0	5.6
021	4.7	5.0	4.7	5.7	5.7	5.7	5.3	5.7	6.0	5.3	5.0	5.5
APR2612	6.0	6.0	6.0	5.7	5.3	5.7	5.3	5.7	5.7	6.0	5.0	5.5
BAR LP 6158	4.0	4.7	4.3	6.3	5.0	5.7	5.3	5.7	5.7	5.7	5.0	5.5
DLFPS-236/3548	5.0	5.7	5.3	6.0	5.3	5.3	5.3	5.3	5.7	5.3	5.3	5.5
HOMERUN LS (PPG-PR 419)	5.0	5.7	5.3	5.7	5.7	5.7	5.3	5.3	5.3	5.7	5.3	5.5
OVERDRIVE 5G	5.0	5.7	4.7	5.3	5.3	5.3	5.3	5.7	5.7	5.7	5.3	5.5
PPG-PR 423	6.0	5.7	5.0	6.0	5.7	5.3	5.3	5.7	5.7	5.3	5.3	5.5
PST-2EGAD	4.7	5.3	4.7	6.0	5.7	5.3	5.3	5.3	5.3	5.7	5.0	5.5
PST-2FOXY	5.7	5.3	6.0	5.7	5.0	5.3	5.7	5.3	5.7	6.0	5.3	5.5
DLFPS-236/3540	6.3	5.7	6.0	5.3	5.7	5.3	5.7	5.3	5.7	5.3	5.0	5.4
MIGHTIER (DLFPS-236/3542)	6.0	5.3	5.3	5.7	5.3	5.3	5.3	5.3	5.7	5.3	5.3	5.4
MRS�-PR15	5.7	5.3	4.3	5.7	5.0	5.7	5.7	5.7	5.3	5.3	5.0	5.4
PPG-PR 422	5.3	5.3	5.3	6.0	5.7	5.0	5.3	5.7	5.3	5.0	5.0	5.4
PST-2PDA	6.0	5.7	5.7	5.7	5.3	5.3	5.3	5.3	6.3	5.0	5.0	5.4
SIGNET	5.0	5.0	4.3	5.7	5.3	5.3	5.3	5.3	6.0	5.3	5.0	5.4
SILVER SPORT (PST-2CRP)	4.3	4.7	4.3	5.3	5.3	5.0	5.3	5.7	5.7	5.3	5.7	5.4
APR3060	5.0	5.7	5.3	5.3	5.0	5.7	5.0	5.3	5.7	5.7	5.0	5.3
DLFPS-236/3556	5.3	6.3	5.7	5.0	5.7	5.0	5.3	5.0	5.3	5.7	5.7	5.3
GRAY HAWK (PST-2FIND)	4.7	4.7	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	5.3
GRAY WOLF (PST-2GAL)	5.3	6.3	5.7	5.3	5.7	5.3	5.3	5.3	5.3	5.3	5.0	5.3
INTENSE	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
ALLSTAR III	4.3	5.0	4.3	5.3	5.3	4.7	5.3	5.3	5.3	5.3	5.0	5.2
PST-2BDT	5.7	5.7	5.0	5.0	5.3	5.0	5.0	5.3	5.0	5.3	5.3	5.2
PST-2MAY	5.0	5.3	5.7	5.7	5.0	5.0	5.0	5.0	5.7	5.0	5.3	5.2
ASP0117 (A-PR15)	6.0	5.7	5.3	5.0	5.0	5.0	5.0	5.3	5.0	5.3	5.3	5.1
ASP0218 (A-6D)	5.7	6.7	6.0	5.0	5.7	5.0	5.0	5.0	5.0	5.0	5.0	5.1
BELIZE 2 (GO-142)	5.0	5.7	6.0	5.3	5.0	5.3	5.0	5.0	5.0	5.0	5.0	5.1
GREEN SUPREME+ (AMP-R1)	6.7	6.3	5.3	5.0	5.3	5.3	5.3	5.3	5.3	4.7	4.7	5.1
MRS�-PR16	5.0	4.7	5.0	5.7	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.1
NEXUS GT (SNX)	5.3	6.0	4.7	5.3	5.0	5.0	5.0	5.0	5.3	5.0	5.0	5.1
PPG-PR 385	5.0	5.0	4.3	5.0	4.7	5.0	5.0	5.0	5.7	5.0	5.3	5.1
RAD-PR 112	6.3	6.0	6.0	5.3	5.7	5.0	4.7	5.0	5.0	5.0	5.0	5.1
ASP0118GL (A-4G)	5.7	5.3	5.3	5.0	5.3	5.0	5.0	5.0	5.0	5.0	4.7	5.0

TABLE 6.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2020 DATA

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

NAME	WEAR TOLERANCE RATINGS			QUALITY RATINGS									MEAN
	MAY	JULY	OCTOBER	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
GO-141	5.0	5.0	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
CAYMAN (GO-143)	5.0	5.7	5.0	5.3	5.0	4.7	4.7	5.0	5.0	5.0	4.7	4.9	4.9
FIREBALL (BWH)	6.3	6.0	6.0	5.0	4.7	4.7	4.7	5.0	5.3	5.0	4.7	4.9	4.9
HATRICK (BSP-17)	6.7	6.3	5.7	4.7	4.7	5.0	5.0	5.0	5.0	5.3	4.7	4.9	4.9
SAGUARO	5.0	5.0	4.0	5.3	5.0	4.7	4.7	5.0	5.0	4.7	4.7	4.9	4.9
ASP0116EXT	5.3	4.3	4.7	4.7	5.0	5.0	4.7	5.0	5.0	4.7	4.7	4.8	4.8
GRAND SLAM GLD	5.7	5.7	5.3	4.7	4.3	4.7	5.0	5.0	5.0	5.0	5.0	4.8	4.8
LPB-SD-102	4.7	4.7	4.7	5.0	4.3	5.0	5.0	5.0	5.0	4.7	4.0	4.8	4.8
LPB-SD-103	4.7	5.0	4.7	5.0	4.7	4.7	4.7	5.0	4.7	5.0	4.7	4.8	4.8
PEPPER II (RAD-PR 103)	6.0	5.3	5.0	4.7	4.7	4.7	4.7	4.7	4.7	5.0	5.0	4.8	4.8
CS-6	5.3	5.3	5.0	4.7	4.7	4.7	4.3	4.7	5.0	4.7	4.7	4.7	4.7
JR-747	4.0	4.0	4.0	4.7	4.0	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6
JR-888	4.0	4.3	4.0	4.7	4.3	4.3	4.3	5.0	4.7	4.7	4.3	4.5	4.5
LPB-SD-101	4.0	4.3	4.0	4.7	4.3	4.7	4.7	4.7	4.7	4.3	4.3	4.5	4.5
SAVANT	4.3	4.3	4.0	4.3	4.0	4.7	4.7	4.7	5.3	4.3	4.3	4.5	4.5
TEE-ME-UP (BSP-25)	5.0	5.7	5.3	4.7	4.3	4.7	4.3	4.3	4.7	4.3	4.3	4.5	4.5
LPB-SD-104	4.7	4.0	4.0	4.7	4.3	4.3	4.0	4.7	4.7	4.3	4.0	4.4	4.4
MENSA	4.3	4.3	4.0	4.3	4.0	4.3	4.3	4.3	4.7	4.3	4.0	4.3	4.3
LPB-SD-105	4.7	4.0	4.3	4.3	4.0	4.0	4.0	3.7	4.0	4.0	4.0	4.0	4.0
LINN	3.7	3.3	3.3	3.0	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.3	3.3
LSD VALUE	1.0	1.0	1.0	1.1	0.8	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6
C.V. (%)	11.4	11.1	12.0	11.8	9.4	10.2	9.7	9.3	7.9	8.4	7.2	6.8	6.8

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

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

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/						MEAN
	MAY	JUN	JUL	AUG	SEP	NOV	
DLFPS-236/3552	6.0	6.0	5.0	6.0	7.0	7.7	6.3
PL2	5.7	6.0	5.0	6.3	7.0	7.0	6.2
ALLSTAR FORE (DLFPS-236/3541)	6.0	6.0	5.0	6.0	6.3	7.0	6.1
SLUGGER 3GL (PPG-PR 343)	6.0	5.7	4.3	5.7	7.0	7.3	6.0
SPIKE GLS (UF3)	6.0	6.0	4.7	6.0	6.3	7.0	6.0
ALLOY (RRT)	6.0	5.3	4.7	6.0	6.7	6.7	5.9
PPG-PR 370	5.3	5.7	4.7	6.0	6.7	7.0	5.9
SHIELD (02BS4)	5.3	5.7	5.0	6.0	6.7	6.7	5.9
02BS2	5.3	5.3	4.3	5.7	7.0	7.0	5.8
APPLE 3GL (PPG-PR 339)	5.7	5.7	4.0	5.7	7.0	7.0	5.8
GATOR FORE (DLFPS-236/3544)	5.3	5.3	4.3	5.7	6.7	7.3	5.8
DLFPS-236/3546	5.3	5.3	4.7	6.0	6.7	7.0	5.8
PPG-PR 360	6.0	5.3	4.3	5.7	6.7	6.7	5.8
PPG-PR 371	6.0	5.7	4.0	5.7	6.3	7.0	5.8
SR 4700 (DLFPS-236/3543)	5.7	5.7	4.7	5.7	6.7	6.7	5.8
ZOOM 2 (DLFPS-236/3545)	6.0	5.0	4.0	5.7	6.7	7.0	5.7
DLFPS-236/3548	6.0	5.3	4.0	5.7	6.7	6.7	5.7
DLFPS-236/3556	5.0	5.3	4.3	5.3	7.0	7.0	5.7
GRAND SLAM GLD	5.7	5.3	4.0	6.0	6.7	6.7	5.7
HOMERUN LS (PPG-PR 419)	5.3	5.3	4.0	5.7	6.7	7.0	5.7
NP-2	5.3	5.3	4.7	5.7	6.3	7.0	5.7
PPG-PR 421	5.7	5.3	4.0	5.7	6.7	7.0	5.7
XCELERATOR	5.3	5.3	4.7	5.3	6.7	6.7	5.7
JR-123	5.0	5.3	4.3	5.7	6.3	6.7	5.6
MRSL-PR15	5.3	5.3	4.7	5.7	6.3	6.3	5.6
PPG-PR 422	5.3	5.0	4.3	5.3	6.3	7.0	5.6
PST-2FOXY	5.3	5.0	4.0	5.7	6.7	7.0	5.6
SILVER SPORT (PST-2CRP)	4.7	5.0	5.0	5.7	6.3	6.7	5.6
SUPERSTAR GL (PPG-PR 420)	5.3	5.0	4.3	5.3	6.7	7.0	5.6
UMPQUA	5.3	5.0	4.0	5.7	6.3	7.0	5.6
021	6.0	5.0	4.0	5.0	6.3	6.7	5.5
02BS1	5.3	5.0	4.3	5.7	6.3	6.3	5.5
APR2616	5.3	5.0	4.3	5.7	6.0	6.7	5.5
ASP0118GL (A-4G)	5.3	5.3	4.3	5.3	5.7	6.3	5.4
HELIOS (DLFPS-236/3538)	5.7	5.0	4.0	5.0	6.7	6.0	5.4
DLFPS-236/3540	5.3	5.0	4.0	5.3	5.7	7.0	5.4
MYSTIQUE (DLFPS-236/3547)	5.3	5.0	3.3	5.3	6.7	7.0	5.4
DLFPS-236/3550	5.7	5.0	3.7	5.3	6.3	6.3	5.4
FIESTA CINCO (DLFPS-236/3554)	5.7	5.3	4.3	5.3	5.7	6.0	5.4
INTENSE	5.3	5.0	4.3	5.3	6.3	6.3	5.4
IVY (PST-2GTD)	5.0	5.0	4.7	5.7	6.3	6.0	5.4
PHARAOH	5.3	5.3	4.0	5.3	6.0	6.7	5.4
PR-6-15	5.0	5.0	4.3	5.3	6.0	7.0	5.4
PST-2MAY	5.7	5.3	3.7	5.3	6.0	6.7	5.4
ASP0117 (A-PR15)	5.3	5.0	4.0	5.0	6.0	6.7	5.3
BAR LP 6164	5.0	5.0	4.7	5.7	5.3	6.0	5.3
MIGHTIER (DLFPS-236/3542)	5.3	5.7	4.3	4.3	6.7	5.7	5.3

TABLE 7.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
2020 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/							
NAME	MAY	JUN	JUL	AUG	SEP	NOV	MEAN
FASTBALL 3GL (PPG-PR 329)	4.7	4.7	4.3	5.3	6.3	6.7	5.3
FURLONG (LTP-FCB)	4.7	5.0	3.7	5.0	6.7	7.0	5.3
GREEN SUPREME+ (AMP-R1)	5.0	5.0	4.0	5.3	6.0	6.7	5.3
NP-3	5.3	5.0	3.7	5.3	6.0	6.3	5.3
PARAGON 2 GLR (FP2)	5.0	4.7	3.7	5.0	6.7	7.0	5.3
PPG-PR 372	5.3	5.0	3.7	5.0	6.0	7.0	5.3
PPG-PR 385	5.0	5.3	4.0	5.3	6.0	6.3	5.3
PPG-PR 423	5.3	5.3	3.7	5.0	6.0	6.7	5.3
023	5.3	4.7	3.7	5.0	5.7	6.7	5.2
APR3060	4.7	5.0	4.3	5.3	6.3	5.7	5.2
ASP0116EXT	4.3	5.0	5.0	5.7	6.0	5.3	5.2
DLFPS-236/3553	5.3	5.0	4.0	4.7	5.3	6.7	5.2
JR-197	5.0	5.0	3.7	4.7	6.7	6.3	5.2
SIGNET	5.7	4.7	3.3	4.7	6.0	6.7	5.2
EVOLVE	4.7	4.7	4.3	5.0	5.7	6.3	5.1
HATRICK (BSP-17)	5.3	5.0	4.0	4.7	5.3	6.3	5.1
KARMA	5.0	5.0	3.7	5.0	5.7	6.3	5.1
NEXUS GT (SNX)	4.0	4.7	4.3	5.0	6.0	6.3	5.1
PR-5-16	5.3	5.0	3.7	4.7	6.0	6.0	5.1
SEABISCUIT	4.3	4.3	3.7	5.0	6.0	7.0	5.1
BAR LP 6131	5.0	4.7	4.0	5.0	5.7	5.7	5.0
BELIZE 2 (GO-142)	5.3	4.7	3.7	4.7	6.3	5.3	5.0
CAYMAN (GO-143)	4.3	4.7	4.3	5.3	5.7	5.7	5.0
GRAY WOLF (PST-2GAL)	5.3	4.7	3.3	5.0	5.7	6.0	5.0
PST-2A2	5.0	5.0	3.3	4.7	5.3	6.7	5.0
ASP0218 (A-6D)	4.7	4.3	3.7	4.7	6.0	6.0	4.9
BAR LP 6233	4.3	4.7	3.3	4.7	6.0	6.3	4.9
CS-6	4.7	4.3	3.7	4.7	6.0	6.3	4.9
DERBY XTREME	5.0	4.7	3.7	4.7	5.7	5.7	4.9
MAN O WAR	5.0	4.7	3.3	4.7	5.3	6.7	4.9
MRSI-PR16	4.7	4.7	4.0	4.7	6.0	5.7	4.9
PARADOX GLR (PPG-PR 331)	5.0	4.7	3.7	4.7	6.0	5.7	4.9
TEE-ME-UP (BSP-25)	4.7	4.7	4.3	5.0	5.3	5.3	4.9
APR2612	4.3	4.3	3.7	4.7	5.7	6.0	4.8
BAR LP 6162	4.0	4.3	4.3	5.0	5.7	5.7	4.8
OVERDRIVE 5G	5.0	4.3	3.7	4.7	5.3	6.0	4.8
PST-2EGAD	4.7	4.3	3.7	4.3	5.7	6.0	4.8
RAD-PR 112	5.0	4.7	4.0	4.7	5.0	5.7	4.8
SR 4650	4.3	4.0	3.7	5.0	6.0	6.0	4.8
STELLAR 4GL (PPG-PR 424)	5.0	4.3	3.0	4.3	5.3	6.7	4.8
BAR LP 6159	4.3	4.3	3.7	4.3	5.3	6.0	4.7
PST-2PDA	4.0	4.0	3.7	4.7	5.7	6.0	4.7
BAR LP 6117	4.7	4.0	3.3	4.3	5.0	6.0	4.6
BAR LP 6165	4.0	4.0	3.7	4.3	5.7	5.7	4.6
CPN	4.3	4.0	3.3	4.3	5.7	6.0	4.6
DLFPS-238/3014	4.0	4.0	4.0	4.7	5.3	5.0	4.5
PST-2BDT	4.7	4.0	3.0	4.0	5.3	6.0	4.5

TABLE 7.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
2020 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	NOV	MEAN
GRAY HAWK (PST-2FIND)	4.3	4.0	3.0	4.0	5.3	6.0	4.4
FIREBALL (BWH)	4.3	4.3	3.7	4.0	5.0	4.7	4.3
PEPPER II (RAD-PR 103)	4.0	4.0	3.7	4.0	5.0	5.3	4.3
BAR LP 6158	4.3	4.0	3.0	3.7	5.3	4.7	4.2
GO-141	5.0	4.0	3.0	3.7	4.7	5.0	4.2
PPG-PR 367	3.7	3.7	3.0	3.7	4.3	4.3	3.8
ALLSTAR III	4.0	3.3	3.0	3.0	3.7	4.3	3.6
SLIDER LS (PPG-PR 241)	3.3	3.3	2.3	3.7	4.3	4.3	3.6
SAGUARO	4.0	3.0	2.3	3.0	3.7	4.7	3.4
BRIGHTSTAR SLT	3.0	3.3	2.7	3.3	4.0	3.7	3.3
LPB-SD-102	4.3	3.7	2.3	2.7	3.0	4.0	3.3
MENSA	4.0	3.0	2.3	2.7	3.3	4.3	3.3
LPB-SD-101	3.3	3.0	2.3	2.3	3.0	4.0	3.0
SAVANT	3.7	3.0	2.0	2.3	3.0	3.7	2.9
JR-888	4.0	2.7	2.0	2.3	2.7	3.3	2.8
LPB-SD-103	3.7	3.0	2.0	2.3	2.3	3.7	2.8
JR-747	4.0	2.7	2.0	2.0	2.3	2.3	2.6
LPB-SD-104	3.3	2.3	2.0	2.3	2.3	3.3	2.6
LPB-SD-105	2.7	2.0	2.0	2.0	2.7	3.0	2.4
LINN	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.3	1.1	1.1	1.3	1.2	1.1	0.9
C.V. (%)	15.2	15.3	17.6	16.7	14.2	12.4	12.1

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 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
2020 DATA

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

NAME	BROWN PATCH PINK SNOW		QUALITY RATINGS					SEP	MEAN
	WARM TEMP	MOLD	MAY	JUN	JUL	AUG			
NP-2	5.3	6.0	5.3	4.7	5.0	5.3	6.0	7.0	
PL2	6.0	6.0	4.7	4.3	5.0	5.2	6.7	7.0	
SEABISCUIT	4.7	4.7	4.3	4.0	4.7	4.5	4.7	7.0	
021	4.7	5.0	5.0	4.3	4.3	4.7	5.7	6.7	
02BS2	4.3	5.0	4.7	4.3	5.0	4.7	6.7	6.7	
ASP0116EXT	5.3	5.0	4.3	3.3	3.7	4.3	4.7	6.7	
BAR LP 6158	4.3	4.3	3.7	3.7	3.7	3.9	3.0	6.7	
DLFPS-236/3540	5.0	5.3	4.7	4.3	5.0	4.9	5.0	6.7	
GRAY WOLF (PST-2GAL)	4.3	4.3	4.0	4.0	4.0	4.1	6.3	6.7	
HATRICK (BSP-17)	4.3	4.7	4.3	3.3	4.3	4.2	4.3	6.7	
MRSI-PR16	4.3	5.0	4.3	4.0	4.3	4.4	5.3	6.7	
OVERDRIVE 5G	5.0	4.7	5.3	5.0	6.0	5.2	6.0	6.7	
PHARAOH	5.0	4.7	4.0	4.0	4.0	4.3	5.0	6.7	
PPG-PR 367	5.7	5.7	6.3	5.7	5.7	5.8	6.7	6.7	
PPG-PR 423	6.0	6.0	6.0	5.0	5.3	5.7	6.3	6.7	
SHIELD (02BS4)	5.3	5.3	5.3	5.0	5.3	5.3	5.3	6.7	
SILVER SPORT (PST-2CRP)	6.0	6.0	4.7	3.7	4.7	5.0	5.7	6.7	
023	5.0	5.7	5.0	4.3	4.3	4.9	6.3	6.3	
02BS1	4.3	4.7	4.7	3.7	4.3	4.3	5.3	6.3	
APPLE 3GL (PPG-PR 339)	6.0	6.0	5.0	5.3	5.0	5.5	4.0	6.3	
APR3060	5.0	5.0	5.0	4.3	5.0	4.9	6.0	6.3	
ASP0117 (A-PR15)	6.0	5.7	5.0	4.0	4.3	5.0	5.7	6.3	
BAR LP 6164	5.0	5.7	4.3	4.0	5.0	4.8	3.7	6.3	
BRIGHTSTAR SLT	5.0	5.0	4.3	4.0	4.0	4.5	5.0	6.3	
GATOR FORE (DLFPS-236/3544)	7.0	6.0	5.7	5.0	5.7	5.9	6.3	6.3	
JR-123	4.7	5.7	5.3	4.7	4.7	5.0	5.0	6.3	
KARMA	5.3	5.7	5.0	4.0	4.0	4.8	5.0	6.3	
PARADOX GLR (PPG-PR 331)	5.3	6.3	5.3	5.0	5.0	5.4	5.0	6.3	
PARAGON 2 GLR (FP2)	5.7	6.0	5.7	4.7	5.0	5.4	6.7	6.3	
PPG-PR 371	4.3	6.0	5.0	4.7	4.7	4.9	5.0	6.3	
PPG-PR 385	4.7	5.7	5.3	4.7	4.7	5.0	4.7	6.3	
PPG-PR 422	5.0	5.7	5.7	5.0	5.3	5.3	6.7	6.3	
PST-2MAY	4.7	5.3	4.3	4.0	4.3	4.5	5.7	6.3	
ALLSTAR FORE (DLFPS-236/3541)	5.3	5.7	5.7	4.7	5.3	5.3	5.3	6.0	
BELIZE 2 (GO-142)	4.0	4.0	3.3	2.7	3.3	3.5	4.7	6.0	
CPN	5.7	6.3	5.3	4.3	5.0	5.3	5.3	6.0	
CS-6	4.7	4.7	4.3	4.7	5.0	4.7	4.7	6.0	
DLFPS-236/3546	5.3	6.0	5.7	5.3	5.0	5.5	6.7	6.0	
DLFPS-236/3550	5.0	6.0	5.0	3.0	5.3	4.9	5.3	6.0	
DLFPS-236/3552	5.0	5.7	4.7	3.7	4.3	4.7	5.7	6.0	
FIREBALL (BWH)	3.3	3.3	3.0	3.3	3.7	3.3	4.0	6.0	
GO-141	4.3	5.0	4.0	3.0	4.0	4.1	4.3	6.0	
HOMERUN LS (PPG-PR 419)	5.3	6.0	5.0	3.7	5.0	5.0	6.0	6.0	
INTENSE	5.0	4.7	5.0	4.3	4.3	4.7	4.7	6.0	
JR-197	6.0	5.7	5.0	4.3	5.0	5.2	6.0	6.0	
PPG-PR 360	5.3	5.7	5.0	4.3	5.0	5.1	4.7	6.0	
PST-2FOXY	5.0	5.3	4.0	3.7	4.3	4.5	3.3	6.0	

TABLE 8.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
2020 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	BROWN PATCH				PINK SNOW				QUALITY RATINGS			
	WARM TEMP	MOLD	MAY	JUN	JUL	AUG	SEP	MEAN				
SLIDER LS (PPG-PR 241)	6.0	6.3	5.3	4.7	5.0	5.5	5.0	6.0				
SPIKE GLS (UF3)	5.7	5.7	5.7	4.7	5.0	5.3	7.0	6.0				
SR 4700 (DLFPS-236/3543)	5.0	5.3	4.7	4.7	5.3	5.0	5.3	6.0				
UMPQUA	5.3	5.3	5.3	4.7	5.3	5.2	6.7	6.0				
APR2616	5.0	5.3	4.7	3.0	4.0	4.4	5.7	5.7				
ASP0118GL (A-4G)	4.7	5.3	4.3	3.3	3.7	4.3	6.3	5.7				
ASP0218 (A-6D)	4.3	3.7	3.7	3.7	4.0	3.9	4.3	5.7				
BAR LP 6117	4.3	4.7	4.0	3.3	4.0	4.1	4.3	5.7				
BAR LP 6165	4.0	4.3	4.3	3.3	4.3	4.1	5.3	5.7				
ZOOM 2 (DLFPS-236/3545)	5.3	5.0	5.0	3.3	4.7	4.7	6.7	5.7				
DLFPS-236/3553	5.3	5.7	5.3	5.0	4.7	5.2	6.7	5.7				
DLFPS-236/3556	5.0	6.3	5.0	5.0	5.3	5.3	6.3	5.7				
DLFPS-238/3014	3.3	4.0	3.3	3.0	3.3	3.4	3.7	5.7				
EVOLVE	4.7	4.7	4.0	4.0	4.7	4.4	5.0	5.7				
FIESTA CINCO (DLFPS-236/3554)	5.3	6.0	4.7	3.7	4.0	4.7	5.0	5.7				
MRS-L-PR15	4.3	3.7	4.3	2.7	3.7	3.7	5.3	5.7				
PPG-PR 372	5.7	7.3	5.7	5.0	4.7	5.7	5.7	5.7				
PR-6-15	4.7	5.3	5.3	5.3	5.0	5.1	7.3	5.7				
PST-2EGAD	4.3	5.3	4.7	3.7	4.3	4.5	5.3	5.7				
SIGNET	4.3	5.3	4.3	3.7	4.7	4.5	5.7	5.7				
SLUGGER 3GL (PPG-PR 343)	5.7	7.0	5.3	4.7	4.7	5.5	5.3	5.7				
XCELERATOR	5.3	5.3	5.3	5.0	5.0	5.2	6.3	5.7				
ALLOY (RRT)	5.0	5.7	4.0	3.7	3.7	4.4	5.0	5.3				
BAR LP 6131	4.7	4.3	4.3	3.7	4.0	4.2	4.0	5.3				
BAR LP 6159	4.7	5.0	4.3	3.0	3.7	4.1	3.3	5.3				
MIGHTIER (DLFPS-236/3542)	4.3	4.7	3.7	3.0	3.7	3.9	6.0	5.3				
MYSTIQUE (DLFPS-236/3547)	4.7	7.0	5.3	4.7	5.0	5.3	5.3	5.3				
DLFPS-236/3548	5.0	6.3	5.3	5.3	5.0	5.4	4.7	5.3				
FASTBALL 3GL (PPG-PR 329)	5.3	5.7	4.7	4.0	4.7	4.9	5.3	5.3				
GREEN SUPREME+ (AMP-R1)	4.3	4.7	3.7	3.7	3.7	4.0	4.0	5.3				
IVY (PST-2GTD)	4.3	4.3	4.7	4.0	5.0	4.5	4.7	5.3				
MAN O WAR	5.0	5.0	4.7	4.0	5.0	4.7	5.3	5.3				
NP-3	5.3	6.3	5.7	4.7	5.0	5.4	5.7	5.3				
PPG-PR 421	5.0	6.3	5.3	4.7	5.3	5.3	4.7	5.3				
PR-5-16	5.7	6.0	5.3	4.3	4.7	5.2	4.7	5.3				
PST-2A2	4.3	5.3	4.7	4.0	4.0	4.5	5.0	5.3				
RAD-PR 112	4.0	3.7	3.3	2.7	3.3	3.4	4.0	5.3				
SR 4650	5.3	5.7	4.7	4.3	5.0	5.0	5.7	5.3				
STELLAR 4GL (PPG-PR 424)	5.3	6.3	5.3	4.3	5.3	5.3	6.0	5.3				
ALLSTAR III	3.7	4.7	4.0	3.7	4.0	4.0	3.7	5.0				
APR2612	3.3	3.7	4.0	2.7	3.3	3.4	5.3	5.0				
BAR LP 6233	4.0	4.7	5.3	4.7	4.7	4.7	4.7	5.0				
CAYMAN (GO-143)	3.3	4.0	3.3	3.0	3.0	3.3	5.7	5.0				
HELIOS (DLFPS-236/3538)	5.3	5.3	5.0	4.0	4.0	4.7	4.7	5.0				
FURLONG (LTP-FCB)	5.0	6.0	5.0	5.0	4.7	5.1	6.3	5.0				
GRAND SLAM GLD	4.7	5.3	4.0	3.3	4.3	4.3	4.3	5.0				
JR-888	5.0	5.7	5.7	4.7	4.0	5.0	5.3	5.0				

TABLE 8.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
2020 DATA

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

NAME	BROWN PATCH WARM TEMP	PINK SNOW MOLD	MAY	QUALITY RATINGS				MEAN
				JUN	JUL	AUG	SEP	
LPB-SD-103	5.3	6.7	5.3	4.3	5.0	5.3	5.0	5.0
PEPPER II (RAD-PR 103)	3.3	4.3	3.3	2.3	3.0	3.3	3.7	5.0
PPG-PR 370	4.7	5.7	5.3	5.3	5.3	5.3	5.3	5.0
SAGUARO	5.0	5.7	5.0	4.3	5.3	5.1	3.7	5.0
TEE-ME-UP (BSP-25)	2.7	2.7	3.0	2.3	2.3	2.6	3.7	5.0
BAR LP 6162	1.7	1.3	2.7	1.7	2.0	1.9	5.3	4.7
GRAY HAWK (PST-2FIND)	4.3	5.7	4.7	3.3	4.7	4.5	4.0	4.7
LPB-SD-101	4.3	6.3	5.3	5.0	4.7	5.1	4.3	4.7
NEXUS GT (SNX)	3.7	4.0	3.3	2.3	2.7	3.2	3.7	4.7
PST-2PDA	4.7	5.0	4.3	4.3	4.0	4.5	4.7	4.7
SUPERSTAR GL (PPG-PR 420)	4.7	5.3	5.0	4.0	4.3	4.7	5.3	4.7
PST-2BDT	4.0	4.7	4.3	3.7	4.7	4.3	4.7	4.3
DERBY XTREME	5.0	5.3	4.3	3.7	4.7	4.6	4.3	4.0
LPB-SD-102	5.0	6.7	5.3	4.7	4.3	5.2	4.0	4.0
MENSA	4.3	5.0	4.7	3.7	3.7	4.3	5.3	4.0
SAVANT	3.7	4.3	5.0	5.0	4.3	4.5	5.3	4.0
JR-747	3.0	4.3	4.0	3.0	3.3	3.5	4.0	3.0
LPB-SD-105	3.7	6.3	6.0	4.0	4.3	4.9	6.0	3.0
LPB-SD-104	3.3	4.0	3.7	3.7	3.3	3.6	4.0	2.7
LINN	1.0	1.0	1.0	1.0	1.0	1.0	2.7	2.3
LSD VALUE	2.2	2.4	1.7	1.8	1.6	1.9	1.4	1.3
C.V. (%)	21.7	20.1	19.8	19.2	18.6	24.0	18.1	16.1

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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2020 DATA

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

NAME	GENETIC COLOR	PERCENT GROUND COVER SPRING	STEM RUST	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS-236/3546	6.7	80.0	9.0	6.7	6.3	6.3	6.3	6.7	7.3	7.0	6.7
FURLONG (LTP-FCB)	7.3	83.3	9.0	6.7	7.0	6.7	6.0	6.3	7.0	6.7	6.6
PPG-PR 371	6.3	90.0	7.7	7.0	7.0	6.0	6.0	6.3	6.7	6.7	6.5
PPG-PR 421	6.3	83.3	8.7	6.3	7.0	6.0	6.0	6.3	6.7	6.7	6.4
DLFPS-236/3553	6.3	83.3	8.7	6.7	6.3	5.7	5.7	5.7	6.3	6.7	6.1
PPG-PR 370	5.3	85.0	8.3	6.3	6.7	6.0	5.7	5.7	6.0	6.3	6.1
SUPERSTAR GL (PPG-PR 420)	6.7	83.3	8.0	6.7	6.7	6.3	5.7	5.7	5.7	6.0	6.1
NP-3	6.0	83.3	7.7	6.3	6.3	5.7	5.7	5.7	6.3	6.3	6.0
PL2	5.7	76.7	8.7	6.0	6.3	5.7	5.7	6.0	6.3	6.3	6.0
02BS2	5.7	78.3	9.0	6.0	6.0	5.3	5.3	5.7	6.3	6.3	5.9
DLFPS-236/3552	7.0	75.0	7.7	6.0	6.0	6.0	5.3	5.7	6.0	6.0	5.9
FIESTA CINCO (DLFPS-236/3554)	6.0	76.7	6.7	6.0	6.0	5.3	6.0	6.0	6.0	6.0	5.9
PARAGON 2 GLR (FP2)	6.3	79.7	8.7	6.7	6.0	5.7	5.7	5.7	6.0	5.7	5.9
PPG-PR 372	6.0	86.7	7.0	6.7	6.3	5.7	5.7	5.3	5.7	5.7	5.9
FASTBALL 3GL (PPG-PR 329)	6.0	81.7	8.7	6.3	6.0	5.7	5.7	5.3	5.7	6.0	5.8
PST-2FOXY	6.7	78.3	7.7	6.3	6.0	5.7	5.0	5.7	6.0	6.0	5.8
APPLE 3GL (PPG-PR 339)	6.0	78.3	6.7	5.7	5.7	5.7	5.7	5.3	6.0	5.7	5.7
ASPO218 (A-6D)	6.3	76.7	7.0	6.3	6.3	5.7	5.3	5.3	5.3	5.7	5.7
MYSTIQUE (DLFPS-236/3547)	5.3	68.3	8.7	5.3	5.0	5.3	5.7	5.7	6.3	6.3	5.7
SHIELD (02BS4)	5.7	78.3	7.0	6.0	6.0	5.3	5.7	5.7	5.3	5.7	5.7
SILVER SPORT (PST-2CRP)	6.0	73.3	9.0	6.0	5.7	5.0	5.3	6.0	6.0	6.0	5.7
BAR LP 6233	4.7	80.0	3.7	6.0	5.7	5.3	5.3	5.7	5.7	5.7	5.6
CAYMAN (GO-143)	6.7	78.3	2.3	6.3	6.0	6.0	5.0	5.3	4.7	5.7	5.6
DLFPS-236/3548	5.3	83.3	6.7	6.0	6.0	5.3	5.3	5.0	5.7	5.7	5.6
HATRICK (BSP-17)	6.3	76.7	6.7	5.7	5.7	5.7	6.0	5.3	5.3	5.7	5.6
JR-123	6.3	76.7	7.7	5.3	5.7	5.3	5.3	5.3	6.0	6.0	5.6
PEPPER II (RAD-PR 103)	7.0	81.7	4.3	6.0	6.3	5.3	5.3	5.7	5.0	5.7	5.6
PST-2MAY	5.7	80.0	9.0	6.0	5.7	5.3	5.3	5.3	5.7	6.0	5.6
SEABISCUIT	5.0	76.7	6.3	5.7	5.7	5.3	6.0	5.3	5.7	5.7	5.6
ALLOY (RRT)	6.7	73.3	8.3	5.7	5.3	5.0	5.3	5.3	6.0	6.0	5.5
HELIOS (DLFPS-236/3538)	6.3	71.7	6.7	6.0	6.0	5.7	5.0	5.0	5.3	5.3	5.5
PARADOX GLR (PPG-PR 331)	5.7	66.7	7.3	5.3	5.3	5.0	5.0	5.7	6.0	6.0	5.5
PPG-PR 422	5.7	70.0	8.7	5.3	5.3	5.3	5.7	5.7	5.7	5.7	5.5
PPG-PR 423	5.7	73.3	8.0	5.3	5.7	5.7	5.7	5.3	5.3	5.3	5.5
SLIDER LS (PPG-PR 241)	5.3	75.0	8.7	5.7	5.3	5.0	5.7	5.7	5.7	5.7	5.5
XCELERATOR	5.3	75.0	8.0	5.7	6.0	5.7	5.7	5.3	5.0	5.0	5.5
DLFPS-236/3556	5.3	76.7	8.3	6.0	5.3	5.3	5.0	5.0	5.7	5.7	5.4
DLFPS-238/3014	5.0	73.3	7.0	6.0	5.3	5.3	5.3	5.0	5.3	5.7	5.4
PPG-PR 385	5.7	73.3	7.0	6.0	5.3	5.7	5.0	5.3	5.3	5.3	5.4
023	5.0	73.3	7.0	5.3	6.0	5.3	5.0	5.0	5.3	5.3	5.3
BAR LP 6158	5.0	73.3	2.7	5.3	5.3	4.7	5.7	5.7	5.0	5.7	5.3
GATOR FORE (DLFPS-236/3544)	5.0	71.7	8.7	5.3	5.3	5.0	5.3	5.3	5.3	5.3	5.3
NEXUS GT (SNX)	6.3	73.3	4.0	6.0	5.7	4.7	5.3	5.3	4.7	5.3	5.3
PR-5-16	5.0	78.3	5.7	5.7	6.0	5.3	5.0	5.0	5.0	5.3	5.3
SLUGGER 3GL (PPG-PR 343)	6.0	75.0	7.7	5.7	5.3	5.0	5.0	5.3	5.3	5.3	5.3
SR 4700 (DLFPS-236/3543)	6.7	73.3	7.7	6.0	6.0	5.3	5.0	5.0	5.0	5.0	5.3
STELLAR 4GL (PPG-PR 424)	5.7	70.0	6.0	5.3	5.3	5.0	5.0	5.0	5.7	5.7	5.3

TABLE 9.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2020 DATA

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

NAME	GENETIC COLOR	PERCENT GROUND COVER SPRING	STEM RUST	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
APR3060	5.3	73.3	5.3	5.7	5.7	5.3	5.3	5.0	4.7	5.0	5.2
BAR LP 6117	5.7	83.3	4.0	6.0	5.3	5.0	4.7	5.0	4.7	5.7	5.2
BAR LP 6131	5.0	73.3	2.7	5.7	5.7	5.3	5.0	5.3	4.7	5.0	5.2
BAR LP 6165	4.0	68.3	5.3	5.3	5.7	5.3	4.7	4.7	5.0	5.7	5.2
PPG-PR 367	5.7	73.3	8.7	5.3	5.3	5.3	5.0	5.0	5.7	5.0	5.2
021	4.7	70.0	7.0	5.3	5.3	5.7	5.0	4.3	5.0	5.0	5.1
GRAY WOLF (PST-2GAL)	6.0	73.3	7.3	5.7	5.0	5.0	4.7	5.0	5.0	5.3	5.1
HOMERUN LS (PPG-PR 419)	5.0	65.0	9.0	4.7	4.7	5.0	5.0	5.0	5.7	5.7	5.1
NP-2	5.3	71.7	7.7	5.3	5.0	5.0	5.0	5.0	5.3	5.3	5.1
PPG-PR 360	6.3	76.7	5.7	6.0	6.0	5.0	4.7	4.7	4.7	4.7	5.1
PR-6-15	5.7	55.0	8.7	5.3	5.3	5.3	4.3	4.7	5.3	5.3	5.1
ASP0117 (A-PR15)	6.0	68.3	7.3	5.0	5.3	5.0	5.0	5.0	5.0	5.0	5.0
ASP0118GL (A-4G)	6.0	73.3	5.7	5.7	5.0	4.7	5.0	5.0	5.0	5.0	5.0
BAR LP 6164	6.0	68.3	4.3	5.3	5.7	5.0	4.7	4.7	4.7	5.0	5.0
CPN	5.3	66.7	8.0	5.3	5.7	5.7	4.7	4.3	4.7	5.0	5.0
ZOOM 2 (DLFPS-236/3545)	5.0	58.3	9.0	4.7	4.7	5.0	5.3	4.7	5.3	5.3	5.0
JR-197	6.3	68.3	7.0	5.3	5.0	4.7	4.7	5.0	5.0	5.0	5.0
JR-888	5.0	76.7	5.3	6.0	5.7	5.3	4.3	4.3	4.7	4.7	5.0
PST-2BDT	6.7	78.3	8.0	5.7	5.0	4.7	5.0	4.7	5.0	5.0	5.0
ALLSTAR FORE (DLFPS-236/3541)	6.0	56.7	7.0	5.0	5.0	5.0	5.3	4.7	4.7	4.7	4.9
APR2612	5.0	53.3	7.3	4.7	5.0	4.7	4.7	5.0	5.0	5.0	4.9
BAR LP 6159	5.0	65.0	3.3	5.0	5.3	5.0	5.0	4.7	4.3	5.0	4.9
GREEN SUPREME+ (AMP-R1)	5.7	61.7	4.3	5.3	5.0	4.3	4.7	4.7	5.0	5.0	4.9
PHARAOH	5.3	66.7	6.7	4.7	5.0	5.0	5.3	5.0	4.7	4.7	4.9
PST-2EGAD	5.0	60.0	8.7	4.7	4.7	4.7	5.0	5.0	5.0	5.3	4.9
SPIKE GLS (UF3)	5.0	71.7	9.0	5.0	5.0	5.0	4.3	4.7	5.0	5.0	4.9
APR2616	5.7	65.0	5.3	5.3	5.7	5.0	4.0	4.3	4.7	4.7	4.8
BAR LP 6162	5.0	78.3	2.7	5.7	5.0	4.7	5.0	4.3	4.3	4.7	4.8
MIGHTIER (DLFPS-236/3542)	6.0	58.3	8.0	4.7	5.0	4.7	4.7	4.7	5.0	5.0	4.8
EVOLVE	5.0	66.7	4.7	5.0	5.0	5.0	4.7	4.7	4.3	4.7	4.8
MRS�-PR16	5.0	68.3	6.3	5.0	4.3	4.3	5.0	5.0	5.0	5.0	4.8
02BS1	6.0	65.0	6.7	4.7	4.7	4.7	4.3	4.7	5.0	5.0	4.7
FIREBALL (BWH)	5.7	68.3	4.3	5.0	5.0	4.3	4.3	4.3	4.7	5.0	4.7
IVY (PST-2GTD)	6.3	65.0	8.0	5.0	4.3	4.7	4.3	4.7	5.0	5.0	4.7
TEE-ME-UP (BSP-25)	6.3	65.0	4.0	5.0	4.7	4.0	5.0	4.7	4.7	4.7	4.7
BRIGHTSTAR SLT	5.7	66.7	3.0	5.3	5.3	4.7	4.3	4.0	4.0	4.3	4.6
GRAND SLAM GLD	5.7	60.0	8.3	5.0	4.3	4.3	4.3	4.3	5.0	4.7	4.6
SIGNET	5.7	75.0	5.3	5.0	5.3	4.7	4.3	3.7	4.7	4.7	4.6
SR 4650	5.7	56.7	6.7	5.0	4.7	4.7	4.3	4.3	4.7	4.3	4.6
UMPQUA	5.0	58.3	7.7	4.7	4.3	4.3	4.7	5.0	4.7	4.7	4.6
DLFPS-236/3540	5.7	60.0	4.3	5.0	5.0	4.7	4.3	4.3	4.0	4.0	4.5
DLFPS-236/3550	6.0	70.0	4.0	5.3	4.7	5.0	4.0	4.0	4.3	4.3	4.5
RAD-PR 112	6.7	68.3	5.7	5.0	4.7	4.7	4.3	4.3	4.0	4.3	4.5
MRS�-PR15	5.0	55.0	5.7	4.3	4.3	4.3	4.3	4.7	4.3	4.3	4.4
OVERDRIVE 5G	6.0	61.7	6.7	5.0	4.7	4.0	4.0	4.0	4.7	4.7	4.4
KARMA	5.7	61.7	5.3	4.7	4.7	4.3	3.7	4.0	4.3	4.3	4.3
CS-6	5.3	58.3	5.7	4.7	4.0	4.0	4.0	4.3	4.3	4.3	4.2

TABLE 9.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2020 DATA

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

NAME	GENETIC COLOR	PERCENT COVER	GROUND SPRING	STEM RUST	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
GRAY HAWK (PST-2FIND)	5.3	50.0		7.3	4.0	4.0	4.3	4.0	4.0	4.7	4.7	4.2
JR-747	6.0	51.7		5.0	4.7	4.0	4.3	4.0	4.0	4.3	4.3	4.2
MAN O WAR	5.3	43.3		9.0	3.7	3.7	4.0	4.0	4.3	5.0	5.0	4.2
SAGUARO	5.0	55.0		3.0	4.7	4.3	4.0	3.7	4.3	4.3	4.3	4.2
LPB-SD-105	5.3	55.0		6.3	4.3	4.3	4.0	3.7	4.3	4.3	4.0	4.1
MENSA	5.0	53.3		5.7	4.0	4.3	4.0	4.0	3.7	4.3	4.3	4.1
PST-2PDA	5.0	58.3		2.7	4.3	4.0	4.0	4.0	4.3	3.7	4.3	4.1
SAVANT	5.0	53.3		7.0	4.7	4.7	4.3	3.3	3.7	4.0	4.0	4.1
ALLSTAR III	5.7	50.0		3.0	4.3	4.3	4.0	4.0	4.0	3.7	3.7	4.0
ASPO116EXT	5.3	56.7		4.7	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DERBY XTREME	6.0	60.0		3.0	4.3	4.7	4.0	3.7	3.7	4.0	4.0	4.0
BELIZE 2 (GO-142)	5.7	30.0		3.0	4.3	4.0	3.7	4.3	3.7	3.7	3.7	3.9
GO-141	6.3	48.3		2.7	4.0	4.0	3.7	4.0	4.0	3.7	4.0	3.9
LPB-SD-102	5.7	45.0		6.7	3.7	4.0	4.0	3.7	3.3	3.3	3.7	3.7
PST-2A2	6.0	41.7		7.3	3.3	3.0	4.0	3.3	3.3	3.7	3.7	3.5
INTENSE	5.3	43.3		5.3	3.7	3.0	3.3	3.0	3.7	3.3	3.7	3.4
LPB-SD-101	6.0	35.0		3.0	3.3	3.3	3.7	3.3	3.3	3.3	3.3	3.4
LPB-SD-104	6.0	35.0		6.7	3.3	3.7	3.7	3.3	3.0	3.0	3.0	3.3
LINN	2.0	56.7		5.0	3.3	3.3	3.0	2.7	2.7	3.0	3.0	3.0
LPB-SD-103	5.7	26.7		5.7	2.7	3.0	3.0	3.0	2.7	3.3	3.0	3.0
LSD VALUE	2.0	34.1		3.2	2.6	2.2	2.0	1.8	1.7	1.7	1.7	1.6
C.V. (%)	15.9	23.7		28.9	21.5	20.6	18.9	18.9	18.6	18.7	18.2	17.3

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 10.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2020 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
APR3060	6.3	6.3	7.0	7.3	6.3	6.7
DLFPS-236/3552	6.7	6.3	7.0	7.3	6.3	6.7
JR-197	7.0	6.3	6.7	7.0	6.3	6.7
PPG-PR 421	6.0	6.7	7.0	7.0	6.7	6.7
SHIELD (02BS4)	5.3	6.3	7.7	7.7	6.3	6.7
021	6.0	6.7	7.0	6.7	6.7	6.6
02BS1	5.3	6.7	6.7	7.0	6.7	6.5
APPLE 3GL (PPG-PR 339)	6.3	6.3	6.7	7.0	6.3	6.5
BAR LP 6164	6.7	6.0	6.3	7.7	6.0	6.5
MIGHTIER (DLFPS-236/3542)	6.0	6.0	7.0	7.3	6.0	6.5
FURLONG (LTP-FCB)	6.0	7.0	5.7	7.0	7.0	6.5
HOMERUN LS (PPG-PR 419)	6.0	6.0	7.0	7.7	6.0	6.5
PPG-PR 423	6.7	6.0	6.7	7.3	6.0	6.5
PR-6-15	5.0	6.0	7.7	7.7	6.0	6.5
PST-2BDT	5.7	6.0	7.3	7.3	6.0	6.5
SILVER SPORT (PST-2CRP)	6.0	6.3	6.3	7.3	6.3	6.5
APR2616	6.0	5.7	7.7	7.3	5.3	6.4
DLFPS-236/3540	5.7	6.3	6.3	7.3	6.3	6.4
ZOOM 2 (DLFPS-236/3545)	6.7	6.0	6.7	6.7	6.0	6.4
PPG-PR 372	5.7	6.0	7.0	7.3	6.0	6.4
ALLSTAR FORE (DLFPS-236/3541)	5.7	6.3	6.7	6.3	6.3	6.3
ASP0117 (A-PR15)	6.0	5.7	7.3	6.7	5.7	6.3
BAR LP 6131	5.3	6.3	6.3	7.3	6.3	6.3
BAR LP 6165	5.7	5.3	7.3	7.3	5.7	6.3
GATOR FORE (DLFPS-236/3544)	6.0	5.7	7.7	6.7	5.7	6.3
LPB-SD-102	5.3	5.7	7.7	7.3	5.7	6.3
PPG-PR 371	6.3	6.0	6.0	7.0	6.0	6.3
SLUGGER 3GL (PPG-PR 343)	5.7	6.7	6.0	6.3	6.7	6.3
SPIKE GLS (UF3)	5.3	6.0	7.0	7.0	6.0	6.3
STELLAR 4GL (PPG-PR 424)	6.0	6.3	6.0	7.0	6.3	6.3
023	6.7	5.7	6.0	7.0	5.7	6.2
APR2612	6.0	6.3	6.3	6.0	6.3	6.2
BAR LP 6233	5.0	6.0	6.7	7.3	6.0	6.2
CPN	5.3	5.7	6.7	7.7	5.7	6.2
IVY (PST-2GTD)	5.0	6.3	7.0	6.3	6.3	6.2
KARMA	6.0	6.0	6.3	6.7	6.0	6.2
OVERDRIVE 5G	6.0	5.7	6.3	7.3	5.7	6.2
PPG-PR 367	5.3	6.3	6.3	6.7	6.3	6.2
PPG-PR 370	5.3	6.0	6.7	7.0	6.0	6.2
PST-2EGAD	5.3	6.0	6.0	7.7	6.0	6.2
ASP0116EXT	5.3	5.7	7.3	6.3	5.7	6.1
ASP0118GL (A-4G)	5.7	5.7	6.7	7.0	5.7	6.1
BAR LP 6159	5.0	6.0	7.3	6.3	6.0	6.1
BRIGHTSTAR SLT	6.0	5.3	7.0	7.3	5.0	6.1
CAYMAN (GO-143)	6.7	5.3	6.0	7.0	5.3	6.1
DLFPS-236/3550	5.0	6.0	6.7	7.0	6.0	6.1
DLFPS-236/3553	5.7	6.0	6.0	7.0	6.0	6.1

TABLE 10.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2020 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
INTENSE	6.0	5.3	7.0	7.0	5.3	6.1
JR-747	5.3	5.3	7.0	7.3	5.3	6.1
JR-888	5.0	5.0	7.3	8.0	5.0	6.1
LPB-SD-101	5.7	4.7	7.7	7.7	4.7	6.1
NP-2	5.7	5.7	6.3	7.0	6.0	6.1
PPG-PR 360	5.0	5.7	6.7	7.3	5.7	6.1
PR-5-16	6.0	5.7	6.0	7.0	5.7	6.1
SEABISCUIT	5.0	6.0	6.7	6.7	6.0	6.1
SIGNET	6.0	6.0	6.0	6.3	6.0	6.1
SUPERSTAR GL (PPG-PR 420)	6.0	6.0	6.0	6.7	6.0	6.1
XCELERATOR	6.0	6.0	6.7	6.0	6.0	6.1
MYSTIQUE (DLFPS-236/3547)	5.3	5.7	6.3	7.0	5.7	6.0
EVOLVE	6.7	4.7	6.7	7.3	4.7	6.0
HATRICK (BSP-17)	5.3	6.0	6.3	6.3	6.0	6.0
JR-123	5.0	6.0	6.7	6.3	6.0	6.0
PPG-PR 422	6.0	5.3	6.3	7.0	5.3	6.0
PST-2MAY	5.3	6.0	6.3	6.3	6.0	6.0
SLIDER LS (PPG-PR 241)	5.7	5.7	6.3	6.7	5.7	6.0
SR 4700 (DLFPS-236/3543)	5.7	5.7	6.3	6.7	5.7	6.0
ALLOY (RRT)	6.7	5.3	5.7	6.7	5.3	5.9
ALLSTAR III	5.7	5.3	7.0	6.3	5.3	5.9
ASP0218 (A-6D)	6.0	5.3	6.3	6.3	5.3	5.9
BELIZE 2 (GO-142)	6.0	5.7	6.0	6.3	5.7	5.9
CS-6	5.0	6.3	6.0	6.0	6.3	5.9
DLFPS-236/3546	5.3	6.0	6.0	6.3	6.0	5.9
DLFPS-236/3556	5.3	5.3	6.3	7.3	5.3	5.9
FASTBALL 3GL (PPG-PR 329)	5.0	5.3	7.3	6.7	5.3	5.9
FIREBALL (BWH)	4.7	6.0	6.7	6.0	6.0	5.9
GO-141	5.3	5.3	6.3	7.0	5.3	5.9
GRAY HAWK (PST-2FIND)	5.3	5.7	6.3	6.3	5.7	5.9
MRSL-PR15	5.3	5.3	6.7	6.7	5.3	5.9
PARADOX GLR (PPG-PR 331)	5.0	5.7	6.3	6.7	5.7	5.9
PHARAOH	5.0	5.7	6.3	6.7	5.7	5.9
PL2	5.7	5.7	6.0	6.7	5.7	5.9
PST-2FOXY	5.0	6.0	6.0	6.3	6.0	5.9
UMPQUA	4.3	6.0	6.7	6.7	6.0	5.9
GRAY WOLF (PST-2GAL)	6.0	5.0	6.0	7.0	5.0	5.8
MENSA	4.7	5.0	7.3	7.0	5.0	5.8
NP-3	5.7	5.3	5.7	7.0	5.3	5.8
SAVANT	5.3	5.0	6.7	7.0	5.0	5.8
SR 4650	5.7	6.0	5.0	6.3	6.0	5.8
O2BS2	4.0	6.0	6.0	6.3	6.0	5.7
FIESTA CINCO (DLFPS-236/3554)	5.3	5.3	6.0	6.3	5.3	5.7
LPB-SD-103	5.7	4.7	6.3	7.0	4.7	5.7
PARAGON 2 GLR (FP2)	4.7	5.0	6.7	7.3	5.0	5.7
PPG-PR 385	5.0	5.3	6.0	6.7	5.3	5.7
PST-2PDA	5.3	5.3	5.7	7.0	5.3	5.7

TABLE 10.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2020 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
SAGUARO	5.0	4.7	6.7	7.3	4.7	5.7
BAR LP 6158	5.0	5.0	6.3	6.7	5.0	5.6
DERBY XTREME	4.3	5.3	6.3	6.7	5.3	5.6
DLFPS-236/3548	5.0	5.7	5.3	6.3	5.7	5.6
GRAND SLAM GLD	5.3	5.0	6.0	6.7	5.0	5.6
BAR LP 6117	4.3	5.0	6.0	7.0	5.0	5.5
BAR LP 6162	5.0	5.3	6.3	5.7	5.3	5.5
HELIOS (DLFPS-236/3538)	4.7	5.7	5.3	6.3	5.7	5.5
LPB-SD-105	5.0	5.0	6.0	6.3	5.0	5.5
MAN O WAR	4.3	5.3	6.3	6.3	5.3	5.5
MRSL-PR16	5.0	5.0	6.3	6.0	5.3	5.5
NEXUS GT (SNX)	4.7	5.3	6.7	5.7	5.3	5.5
PEPPER II (RAD-PR 103)	5.0	5.3	5.7	6.0	5.3	5.5
TEE-ME-UP (BSP-25)	5.0	5.7	6.0	5.3	5.7	5.5
LPB-SD-104	4.3	5.0	6.0	6.0	5.0	5.3
PST-2A2	5.3	5.0	5.0	6.3	5.0	5.3
GREEN SUPREME+ (AMP-R1)	4.0	5.3	5.3	6.0	5.3	5.2
DLFPS-238/3014	4.3	5.0	5.3	5.3	5.0	5.0
RAD-PR 112	4.0	5.0	4.7	5.0	5.0	4.7
LINN	3.0	4.0	4.7	5.3	5.0	4.4
LSD VALUE	1.7	1.0	2.8	1.9	1.0	0.7
C.V. (%)	15.2	9.7	14.6	11.5	9.6	6.8

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

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

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS								
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
FURLONG (LTP-FCB)	6.7	7.0	9.0	6.3	5.7	6.7	6.0	8.0	9.0	7.2
MYSTIQUE (DLFPS-236/3547)	7.3	6.0	7.0	6.7	5.3	7.7	7.3	7.3	8.3	7.0
PPG-PR 421	6.7	7.3	7.3	6.0	5.0	7.7	7.3	8.0	7.3	7.0
STELLAR 4GL (PPG-PR 424)	6.3	7.0	7.7	5.0	5.0	7.7	7.3	8.3	8.0	7.0
SR 4700 (DLFPS-236/3543)	6.0	6.0	7.3	5.7	6.3	8.0	7.3	7.3	7.3	6.9
ALLOY (RRT)	7.7	6.3	8.0	6.0	5.0	7.7	6.3	7.3	7.7	6.8
NP-2	7.0	6.3	6.7	5.3	6.0	8.0	7.0	7.7	7.3	6.8
NP-3	7.0	7.3	7.7	5.3	5.3	7.7	6.7	7.7	6.7	6.8
ALLSTAR FORE (DLFPS-236/3541)	6.3	6.0	6.3	5.7	4.7	7.3	7.0	8.0	8.0	6.6
ZOOM 2 (DLFPS-236/3545)	7.3	6.3	7.7	4.7	4.7	7.0	7.0	6.7	7.7	6.5
DLFPS-236/3546	6.7	6.0	7.0	5.3	5.7	7.0	6.7	7.3	7.0	6.5
FIESTA CINCO (DLFPS-236/3554)	6.3	6.7	5.7	6.7	5.3	7.0	6.7	7.0	7.0	6.5
PPG-PR 423	7.7	6.0	7.0	6.0	5.3	6.7	6.3	6.7	8.3	6.5
SLUGGER 3GL (PPG-PR 343)	7.3	6.3	6.0	5.7	4.0	7.0	7.0	8.7	7.0	6.5
XCELERATOR	6.7	6.3	7.0	5.3	5.3	7.3	6.3	8.0	6.3	6.5
023	6.3	5.7	6.0	5.7	5.3	7.7	6.7	7.3	7.0	6.4
02BS2	7.0	6.7	7.0	4.3	5.3	7.7	5.7	6.7	7.7	6.4
PPG-PR 372	7.3	6.0	7.0	5.3	5.7	6.7	6.7	7.3	6.7	6.4
021	6.0	6.0	6.7	5.0	6.0	7.3	6.3	7.0	5.7	6.3
APR2616	7.3	6.7	6.3	5.3	4.7	6.7	6.3	7.7	6.3	6.3
DLFPS-236/3553	6.7	5.7	6.7	5.3	5.0	7.0	6.7	6.7	7.3	6.3
DLFPS-236/3556	6.7	6.0	5.7	5.3	6.0	8.0	6.3	6.7	6.3	6.3
JR-197	7.0	7.0	6.3	5.3	5.0	6.7	6.0	7.3	7.0	6.3
PPG-PR 371	6.3	6.0	6.3	5.3	4.7	6.3	6.3	7.3	7.7	6.3
UMPQUA	6.7	6.3	6.7	5.0	6.0	7.0	6.0	7.7	6.0	6.3
MIGHTIER (DLFPS-236/3542)	7.3	5.7	6.3	6.0	5.3	6.7	6.3	6.3	7.0	6.2
FASTBALL 3GL (PPG-PR 329)	7.3	6.7	6.3	4.7	5.3	6.3	6.0	6.7	7.3	6.2
DLFPS-236/3548	6.7	5.7	5.0	6.3	5.0	6.3	6.7	7.0	6.7	6.1
DLFPS-236/3552	6.0	4.3	6.3	7.3	5.3	6.0	7.0	6.7	5.7	6.1
HOMERUN LS (PPG-PR 419)	7.0	5.7	7.0	4.3	5.3	6.7	6.0	7.0	6.7	6.1
PARAGON 2 GLR (FP2)	7.3	5.7	6.7	5.0	4.3	6.7	5.7	7.3	7.7	6.1
PL2	7.0	6.3	7.0	4.0	4.7	6.3	6.0	7.0	7.3	6.1
PPG-PR 360	7.7	5.7	6.0	4.3	5.7	7.0	5.7	7.3	7.3	6.1
SHIELD (02BS4)	6.3	6.0	6.0	5.0	5.0	7.0	6.0	5.7	8.0	6.1
GRAND SLAM GLD	6.0	5.7	6.0	5.0	4.7	7.0	6.0	6.7	7.0	6.0
OVERDRIVE 5G	7.0	5.7	7.0	5.3	4.3	6.7	5.7	6.3	6.7	6.0
PST-2A2	6.7	6.3	7.3	5.0	5.3	7.0	5.7	5.7	5.3	6.0
SILVER SPORT (PST-2CRP)	6.3	5.3	6.7	4.7	4.7	6.3	6.3	6.3	7.7	6.0
SPIKE GLS (UF3)	7.0	6.0	6.3	4.0	5.3	6.3	5.7	7.0	7.0	6.0
SUPERSTAR GL (PPG-PR 420)	6.3	6.3	5.3	5.7	4.0	6.3	6.3	6.7	7.0	6.0
CPN	6.3	6.7	6.0	5.3	4.7	6.3	6.0	6.7	5.7	5.9
PPG-PR 370	7.0	6.7	5.7	5.3	4.7	6.0	5.3	6.7	7.0	5.9
PPG-PR 422	6.7	5.7	5.7	5.0	4.3	6.0	6.0	7.3	7.3	5.9
02BS1	6.7	6.0	6.7	4.7	4.0	6.0	6.0	6.3	7.0	5.8
GATOR FORE (DLFPS-236/3544)	7.7	6.3	6.0	3.7	4.7	5.7	5.3	6.3	8.3	5.8
GRAY WOLF (PST-2GAL)	7.0	5.7	5.7	4.3	5.0	6.0	5.3	7.3	7.0	5.8
INTENSE	7.0	6.3	6.7	4.3	4.7	5.7	5.7	6.7	6.7	5.8

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS								
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
MAN O WAR	7.3	6.3	6.3	4.7	4.7	6.0	5.3	7.0	6.3	5.8
PPG-PR 385	6.3	5.7	5.3	5.0	5.0	7.3	5.7	6.7	5.3	5.8
PR-6-15	6.7	5.3	7.0	5.3	4.7	5.0	5.0	6.0	7.7	5.8
PR-5-16	6.0	5.7	6.0	5.3	5.0	6.7	5.7	6.0	5.3	5.7
APPLE 3GL (PPG-PR 339)	7.0	6.0	6.0	5.3	4.7	6.3	5.3	5.7	5.3	5.6
IVY (PST-2GTD)	6.0	5.7	6.0	4.3	4.7	6.0	5.7	7.0	5.7	5.6
SIGNET	6.7	6.7	7.3	4.3	4.0	5.7	5.0	6.0	5.7	5.6
BAR LP 6233	4.3	5.3	5.0	4.3	5.0	6.3	5.3	6.3	6.0	5.5
HELIOS (DLFPS-236/3538)	6.3	5.7	5.7	5.7	4.0	5.7	6.0	6.0	5.7	5.5
DLFPS-236/3540	6.7	4.3	5.3	4.0	4.0	6.0	7.0	6.7	7.0	5.5
PARADOX GLR (PPG-PR 331)	7.0	6.0	5.3	3.3	5.0	6.0	5.7	6.3	6.7	5.5
PHARAOH	7.7	5.3	5.7	4.7	5.0	6.0	6.0	6.0	5.7	5.5
SEABISCUIT	6.3	5.3	6.0	4.3	5.0	6.3	5.3	6.0	5.7	5.5
SLIDER LS (PPG-PR 241)	6.3	4.7	6.3	4.3	4.3	6.0	5.3	6.3	6.7	5.5
GRAY HAWK (PST-2FIND)	6.3	5.7	5.7	4.7	4.0	5.0	5.7	6.7	6.0	5.4
PPG-PR 367	7.3	5.7	5.3	3.3	4.0	6.0	5.7	6.7	6.3	5.4
APR3060	5.0	6.0	4.7	3.7	4.3	6.0	6.7	5.3	5.3	5.3
KARMA	6.3	5.7	5.0	4.3	4.0	5.7	5.0	6.0	6.3	5.3
PST-2BDT	6.7	5.3	5.7	4.3	4.7	4.7	5.0	6.0	6.3	5.3
PST-2FOXY	6.7	5.0	6.0	4.7	4.7	5.3	4.7	5.3	7.0	5.3
DLFPS-236/3550	6.7	4.7	4.7	4.0	4.3	5.7	5.7	6.0	6.3	5.2
TEE-ME-UP (BSP-25)	8.0	5.0	5.7	4.3	4.7	5.0	4.7	6.7	5.7	5.2
APR2612	7.0	5.3	4.7	4.7	3.7	6.0	5.3	6.3	5.0	5.1
ASP0117 (A-PR15)	7.3	4.7	5.0	4.7	4.7	5.3	4.7	6.3	5.7	5.1
ASP0118GL (A-4G)	7.7	5.0	5.7	3.7	4.0	6.0	5.0	6.0	5.7	5.1
PST-2EGAD	6.3	4.3	5.0	4.3	3.3	4.7	5.7	7.3	6.3	5.1
PST-2PDA	5.0	5.7	5.3	3.7	3.7	5.7	5.7	5.7	5.7	5.1
SR 4650	6.3	5.3	5.0	4.3	4.0	6.0	5.3	6.0	5.0	5.1
LPB-SD-104	4.7	5.3	4.0	5.0	3.7	5.7	4.7	5.0	6.3	5.0
ALLSTAR III	7.0	5.3	5.0	4.0	4.7	5.3	5.0	4.7	5.0	4.9
BAR LP 6117	6.3	5.0	4.3	5.0	3.7	5.0	6.0	5.0	4.7	4.8
BAR LP 6159	5.0	4.3	4.7	4.3	3.7	5.0	5.0	6.0	5.0	4.8
BAR LP 6164	5.0	3.7	4.3	4.3	4.0	5.0	5.7	5.7	5.7	4.8
DERBY XTREME	6.7	4.3	5.7	4.0	2.7	4.3	5.7	5.3	6.0	4.8
LPB-SD-102	6.3	5.0	3.0	5.3	4.0	5.7	5.0	4.7	6.0	4.8
MRS�-PR15	7.0	5.0	6.0	4.0	3.7	5.0	4.7	5.0	4.7	4.8
RAD-PR 112	7.0	4.7	4.3	4.0	3.3	5.0	5.3	5.3	6.3	4.8
SAGUARO	5.7	4.3	5.3	4.3	4.0	5.7	4.7	5.0	5.3	4.8
JR-123	6.0	5.7	5.3	4.0	4.0	4.3	4.0	5.0	5.0	4.7
MENSA	6.3	3.7	3.3	4.3	5.0	5.3	5.3	5.7	4.7	4.7
PST-2MAY	6.3	4.3	5.3	4.3	3.3	5.0	5.0	5.0	5.3	4.7
BAR LP 6158	4.7	4.0	3.3	3.7	5.0	5.3	5.3	5.3	5.0	4.6
MRS�-PR16	7.0	5.0	5.3	2.7	3.7	4.3	4.3	6.0	5.7	4.6
CS-6	7.0	5.0	5.0	3.0	3.7	4.3	4.3	5.0	5.7	4.5
JR-888	4.3	4.0	4.3	3.7	5.0	3.7	4.0	5.0	5.3	4.4
ASP0218 (A-6D)	7.0	4.7	5.3	3.3	3.3	4.0	3.7	4.0	5.7	4.3
EVOLVE	5.7	4.0	4.7	3.0	3.3	4.7	4.7	5.3	4.7	4.3



TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS								
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
HATRICK (BSP-17)	8.0	4.3	4.0	3.0	3.7	4.3	4.7	5.3	5.3	4.3
LPB-SD-103	6.3	5.0	2.7	3.7	3.3	4.3	4.7	5.3	5.0	4.3
PEPPER II (RAD-PR 103)	6.7	4.7	3.7	3.7	3.0	3.3	4.7	4.7	6.7	4.3
SAVANT	4.3	4.7	4.0	3.7	4.0	4.7	4.3	5.0	4.0	4.3
BAR LP 6131	4.7	4.7	4.0	3.7	4.0	4.7	4.0	4.7	4.0	4.2
BAR LP 6165	3.0	3.0	2.3	5.3	3.3	5.0	5.3	6.7	2.7	4.2
ASP0116EXT	8.7	4.3	4.7	2.7	3.7	3.3	3.7	4.3	6.3	4.1
GREEN SUPREME+ (AMP-R1)	7.0	4.3	4.3	3.0	3.3	4.0	4.3	4.7	5.0	4.1
BELIZE 2 (GO-142)	5.7	4.0	4.3	3.0	2.7	3.7	4.3	4.0	5.7	4.0
GO-141	6.7	4.0	4.3	3.7	3.3	3.3	4.7	4.0	4.7	4.0
JR-747	6.7	4.3	3.3	5.0	3.3	3.7	4.3	4.7	3.7	4.0
LPB-SD-105	4.7	4.0	3.7	4.0	3.7	4.0	3.7	4.7	4.7	4.0
NEXUS GT (SNX)	6.7	4.0	4.7	3.3	3.3	3.3	4.3	4.3	5.0	4.0
LPB-SD-101	4.7	3.0	2.7	3.3	3.3	5.0	4.3	4.3	3.3	3.7
CAYMAN (GO-143)	5.3	3.3	3.7	2.0	2.7	2.3	4.0	5.7	4.3	3.5
DLFPS-238/3014	3.7	4.0	3.0	3.0	3.7	3.7	3.7	3.7	3.0	3.5
BAR LP 6162	3.7	2.7	3.3	3.3	3.3	3.3	5.0	2.7	3.7	3.4
FIREBALL (BWH)	7.3	3.0	3.3	2.3	3.3	3.0	4.0	2.7	4.0	3.2
BRIGHTSTAR SLT	4.3	3.0	3.0	2.3	3.0	3.3	3.3	2.3	3.0	2.9
LINN	2.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.4	1.6	1.5	1.5	1.2	1.3	1.3	1.6	2.0	0.7
C.V. (%)	13.9	17.9	17.8	20.0	16.7	15.5	15.0	16.9	20.1	9.5

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

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

TABLE 12.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2020 DATA

NAME	GENETIC COLOR	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
JR-197	7.7	7.3	7.7	7.7	7.3	7.0	6.3	8.0	8.0	7.3	7.0	5.3	5.7	7.1
PPG-PR 367	7.3	7.0	7.3	7.3	7.0	7.0	6.3	7.7	8.0	8.0	7.0	6.3	6.3	7.1
PST-2FOXY	7.3	6.0	6.7	7.0	8.0	7.3	6.3	7.7	8.0	8.0	7.0	6.3	6.7	7.1
ZOOM 2 (DLFPS-236/3545)	7.3	7.0	7.0	6.7	8.0	7.3	6.3	7.7	8.0	7.7	7.0	5.7	5.3	7.0
PHARAOH	7.3	6.7	6.7	6.3	7.7	7.0	6.3	7.7	7.7	7.3	7.0	6.7	6.7	7.0
PPG-PR 422	7.0	6.3	7.3	7.7	7.7	7.3	6.7	7.7	7.7	7.7	7.0	5.3	6.0	7.0
STELLAR 4GL (PPG-PR 424)	7.0	6.7	6.7	6.3	7.7	7.3	6.3	8.0	8.0	8.0	7.0	6.3	6.0	7.0
02BS1	7.7	6.3	6.7	6.7	7.7	7.0	6.3	7.7	8.0	8.0	7.0	5.7	6.0	6.9
APPLE 3GL (PPG-PR 339)	7.3	6.0	6.7	6.7	7.3	7.3	6.3	8.0	8.0	7.3	7.0	5.7	6.0	6.9
DLFPS-236/3556	7.0	6.0	6.7	6.7	7.7	7.0	6.3	7.7	8.0	7.7	7.0	5.7	6.0	6.9
FURLONG (LTP-FCB)	7.0	6.3	6.7	6.7	7.0	7.0	6.3	7.7	8.0	7.3	7.0	6.3	6.0	6.9
PARAGON 2 GLR (FP2)	7.0	5.7	6.7	7.7	7.3	7.3	6.3	7.3	8.0	7.7	7.0	6.3	6.0	6.9
PPG-PR 421	7.0	6.0	6.7	6.7	7.7	7.0	6.3	8.0	8.0	7.7	6.7	6.0	5.7	6.9
SPIKE GLS (UF3)	7.3	7.3	7.3	6.7	7.7	7.0	6.3	7.7	7.7	7.3	7.0	5.7	5.7	6.9
ALLOY (RRT)	6.7	6.0	6.7	6.7	7.3	7.3	6.3	7.0	7.7	7.7	7.0	6.0	6.0	6.8
ALLSTAR FORE (DLFPS-236/3541)	7.0	5.7	6.3	6.3	8.0	7.0	6.0	7.3	7.7	7.7	7.0	6.0	6.3	6.8
CPN	7.0	6.7	7.0	6.7	7.7	7.3	6.3	7.3	7.3	7.0	6.7	6.0	5.7	6.8
DERBY XTREME	7.3	5.7	6.7	7.0	7.3	6.7	6.0	7.7	8.0	7.3	7.0	6.0	6.0	6.8
DLFPS-236/3546	7.0	6.0	6.3	6.0	7.0	7.0	6.3	7.7	8.0	8.0	7.0	6.0	6.0	6.8
HOMERUN LS (PPG-PR 419)	7.0	7.0	7.0	6.7	7.3	7.0	6.3	7.3	7.3	7.0	7.0	5.3	5.7	6.8
MAN O WAR	7.0	6.0	7.0	7.7	8.0	7.0	6.0	7.7	8.0	7.3	6.7	5.3	5.3	6.8
NP-2	7.0	6.0	6.7	6.7	8.0	7.3	6.3	7.7	7.7	7.3	7.0	5.7	5.7	6.8
NP-3	7.0	5.7	6.3	6.3	7.7	7.0	6.3	8.0	8.0	7.3	7.0	6.0	5.7	6.8
PPG-PR 372	7.3	5.7	6.3	6.7	7.3	7.0	6.0	8.0	8.0	8.0	7.0	5.3	6.0	6.8
PR-6-15	7.0	6.0	7.3	7.7	7.0	6.7	6.3	7.3	7.7	7.7	6.7	5.3	5.7	6.8
PST-2A2	7.0	6.0	6.7	6.7	7.3	7.3	6.3	7.3	7.3	7.3	7.0	6.0	6.0	6.8
02BS2	7.0	6.0	6.3	6.0	7.3	7.0	6.0	7.7	7.7	7.3	7.0	6.3	6.0	6.7
DLFPS-236/3552	7.0	6.0	6.7	6.7	7.0	7.0	6.3	7.0	7.3	7.3	7.0	6.0	5.7	6.7
GRAND SLAM GLD	7.3	5.7	6.3	6.3	7.3	7.0	6.3	7.3	8.0	7.7	7.0	6.3	5.3	6.7
OVERDRIVE 5G	7.0	6.0	6.3	6.3	7.3	7.0	6.0	8.0	8.0	7.3	7.0	5.7	5.7	6.7
PPG-PR 371	8.0	6.0	6.3	6.3	7.0	7.0	6.0	8.0	8.0	7.7	7.0	5.7	5.3	6.7
PPG-PR 423	7.0	6.0	6.7	7.0	7.3	7.0	6.3	7.7	8.0	7.7	6.7	5.0	5.0	6.7
SILVER SPORT (PST-2CRP)	7.0	6.3	6.7	7.0	7.0	7.0	6.3	7.0	7.3	7.3	7.0	5.3	6.0	6.7
SLUGGER 3GL (PPG-PR 343)	7.0	5.3	6.7	7.3	7.0	7.0	6.0	8.0	8.0	7.3	6.7	5.3	5.7	6.7
UMPQUA	7.0	6.3	7.0	7.3	8.0	7.3	6.3	7.3	7.3	7.0	6.3	5.0	5.0	6.7
MIGHTIER (DLFPS-236/3542)	7.3	6.0	6.3	6.0	7.7	7.0	6.0	8.0	8.0	7.0	6.7	5.7	5.3	6.6
GATOR FORE (DLFPS-236/3544)	7.0	5.7	6.3	6.3	7.7	7.3	6.3	7.0	7.7	7.7	6.7	5.3	5.7	6.6
MYSTIQUE (DLFPS-236/3547)	7.0	6.0	6.0	5.7	6.7	6.7	6.3	7.3	7.7	7.7	6.7	6.3	6.3	6.6
DLFPS-236/3553	7.0	5.0	6.3	7.0	7.7	7.0	6.0	7.0	7.3	7.3	7.0	5.7	5.7	6.6
FASTBALL 3GL (PPG-PR 329)	7.0	6.0	6.0	6.0	7.0	6.7	6.3	8.0	8.0	7.3	6.7	5.7	5.7	6.6
PARADOX GLR (PPG-PR 331)	7.0	5.7	6.3	6.3	7.0	7.0	6.3	7.7	8.0	7.7	6.7	5.3	5.3	6.6
PL2	7.0	6.0	6.3	6.0	7.3	7.0	6.3	7.7	7.7	7.3	6.7	5.3	5.3	6.6
PPG-PR 360	7.0	5.7	6.3	6.3	7.0	6.7	6.0	8.0	8.0	7.3	6.7	5.7	5.0	6.6
SR 4700 (DLFPS-236/3543)	7.0	5.3	6.0	6.3	8.0	7.3	6.3	7.7	7.7	7.0	6.7	5.7	5.7	6.6
SUPERSTAR GL (PPG-PR 420)	7.0	5.7	6.0	6.0	7.3	7.0	6.3	8.0	8.0	7.3	6.7	5.7	5.7	6.6
XCELERATOR	7.0	6.3	7.0	6.7	7.3	7.0	6.3	7.3	7.3	7.0	6.3	5.3	5.0	6.6
APR2616	6.7	5.7	6.7	7.0	7.0	7.0	6.0	7.3	7.3	7.0	6.7	5.0	5.3	6.5

TABLE 12.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ASP0218 (A-6D)	7.0	5.0	6.3	6.7	7.3	7.0	6.3	7.3	7.7	7.3	6.7	5.3	5.3	6.5
BELIZE 2 (GO-142)	7.0	5.7	6.7	7.0	7.7	7.3	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.5
DLFPS-236/3540	6.7	5.7	6.3	6.3	8.0	7.7	6.7	7.3	7.3	7.0	6.0	5.0	5.0	6.5
DLFPS-236/3548	7.3	5.0	6.0	6.3	7.7	7.0	6.0	7.7	8.0	7.3	6.3	5.3	5.0	6.5
GRAY HAWK (PST-2FIND)	7.0	5.0	5.7	6.0	7.3	7.0	6.3	7.7	8.0	7.7	6.3	5.3	5.3	6.5
INTENSE	7.0	5.3	6.0	6.3	7.7	7.0	6.0	7.7	7.7	7.3	6.0	5.7	5.0	6.5
KARMA	7.3	5.3	6.3	6.7	7.3	7.0	6.0	7.3	7.3	7.0	6.7	5.3	5.3	6.5
PPG-PR 370	7.0	5.7	6.3	6.7	7.3	7.0	6.3	7.0	7.3	7.3	6.7	5.3	5.0	6.5
PST-2MAY	7.0	5.0	6.0	6.3	7.3	7.0	6.3	7.0	7.7	7.7	6.7	5.7	5.7	6.5
021	7.0	6.0	6.0	6.0	7.3	7.3	6.3	7.3	7.3	7.0	6.3	5.0	5.3	6.4
023	7.0	5.3	6.3	7.0	7.0	6.7	6.0	7.3	7.3	7.0	6.3	5.3	5.0	6.4
ALLSTAR III	6.7	5.7	6.3	6.3	7.0	7.0	6.0	7.0	7.0	7.0	6.3	5.3	5.3	6.4
APR2612	7.0	5.3	6.3	6.3	6.7	6.7	6.0	7.7	7.7	7.0	6.3	5.0	5.3	6.4
ASP0116EXT	7.0	5.7	6.3	6.3	7.0	6.7	6.3	7.0	7.7	7.3	6.0	5.0	5.3	6.4
ASP0117 (A-PR15)	7.0	5.3	5.7	6.0	7.3	7.0	6.3	7.7	7.7	7.0	6.0	5.0	5.3	6.4
ASP0118GL (A-4G)	7.0	5.3	6.0	6.0	7.0	7.0	6.0	7.7	7.7	7.3	6.7	5.3	5.3	6.4
DLFPS-236/3550	7.0	5.3	6.0	6.3	7.3	7.0	6.3	7.3	7.3	7.0	6.3	5.0	5.0	6.4
FIESTA CINCO (DLFPS-236/3554)	7.0	5.0	5.7	6.0	7.3	7.0	6.3	7.3	7.7	7.3	6.7	5.0	5.0	6.4
FIREBALL (BWH)	7.7	5.3	6.0	6.3	6.7	6.7	6.0	8.0	8.0	7.7	6.7	5.0	5.0	6.4
IVY (PST-2GTD)	7.0	5.3	5.7	6.0	7.0	7.0	6.3	7.0	7.0	7.0	6.3	5.7	6.0	6.4
JR-123	7.0	6.0	6.0	5.7	7.3	6.7	6.0	7.3	7.3	7.0	6.7	5.3	5.0	6.4
LPB-SD-103	6.3	6.0	6.0	5.7	7.3	7.3	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.4
PR-5-16	7.0	5.0	6.0	6.7	7.7	7.3	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.4
PST-2BDT	7.0	5.3	5.7	6.0	7.7	7.0	6.3	7.7	7.7	7.0	6.0	5.0	5.0	6.4
RAD-PR 112	7.0	5.7	6.3	6.7	7.0	7.0	6.0	7.0	7.3	7.0	6.7	5.3	5.3	6.4
SEABISCUIT	6.7	5.0	6.0	6.7	7.0	7.0	6.3	7.0	7.3	7.3	6.3	5.3	5.3	6.4
SHIELD (02BS4)	7.0	5.7	6.3	6.3	7.0	7.0	6.3	7.0	7.0	7.0	6.7	5.3	5.3	6.4
SLIDER LS (PPG-PR 241)	7.0	5.0	6.0	6.3	7.0	6.7	6.0	7.7	8.0	7.3	6.0	5.0	5.3	6.4
SR 4650	7.0	5.7	6.3	6.3	7.0	6.7	6.3	7.3	7.3	7.0	6.3	5.3	5.0	6.4
BAR LP 6164	7.0	5.0	6.0	6.7	7.3	7.0	6.3	7.3	7.0	6.7	6.0	5.0	5.0	6.3
BAR LP 6165	6.0	5.0	6.3	7.0	7.0	7.0	6.3	7.0	7.0	6.7	6.0	5.3	5.0	6.3
CAYMAN (GO-143)	6.0	5.3	6.0	6.0	6.7	7.0	6.3	7.0	7.0	7.0	6.3	5.3	5.3	6.3
CS-6	7.0	5.0	5.7	6.3	7.3	7.0	6.0	7.0	7.3	7.0	6.7	5.0	5.3	6.3
DLFPS-238/3014	6.3	6.0	6.7	7.0	7.0	7.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.3
GO-141	7.0	5.0	6.0	6.3	7.0	7.0	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.3
GRAY WOLF (PST-2GAL)	7.0	5.3	6.0	6.0	7.7	7.0	6.3	7.0	7.0	7.0	6.7	5.0	5.0	6.3
GREEN SUPREME+ (AMP-R1)	7.3	5.3	6.0	6.3	6.7	6.7	6.3	7.3	7.7	7.3	6.0	5.0	5.0	6.3
HATRICK (BSP-17)	7.0	5.7	6.3	6.0	6.7	7.0	6.3	7.3	7.3	7.0	6.0	5.0	5.3	6.3
JR-888	7.0	5.7	6.3	6.3	7.3	7.0	6.3	7.3	7.0	6.3	6.0	5.0	5.0	6.3
LPB-SD-102	6.3	5.7	6.0	6.3	6.7	6.7	6.0	7.3	7.3	7.0	6.0	5.0	5.3	6.3
MENSA	6.3	5.7	6.3	6.3	7.0	7.0	6.3	7.0	7.0	6.7	6.0	5.0	5.0	6.3
PEPPER II (RAD-PR 103)	7.3	5.7	6.3	6.3	6.7	7.0	6.3	7.3	7.0	6.7	6.0	5.3	5.0	6.3
PPG-PR 385	7.0	5.0	5.7	6.0	7.0	6.7	6.0	7.3	7.3	7.0	6.7	5.0	5.3	6.3
PST-2EGAD	7.0	5.0	6.3	7.0	6.7	6.7	6.0	7.0	7.0	7.0	6.0	5.0	5.3	6.3
SIGNET	6.7	5.0	5.7	5.7	7.3	7.0	6.3	7.0	7.3	7.3	6.3	5.0	5.0	6.3
TEE-ME-UP (BSP-25)	7.0	6.0	6.3	6.3	6.7	6.7	6.3	7.0	7.0	7.0	6.0	5.0	5.3	6.3
HELIOS (DLFPS-236/3538)	6.7	5.3	6.0	6.3	7.3	7.0	6.3	7.0	7.0	6.3	6.0	5.0	5.0	6.2

TABLE 12.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
JR-747	6.3	5.0	5.3	5.7	7.3	7.0	6.3	7.0	7.3	7.3	6.0	5.0	5.0	6.2
LPB-SD-101	6.3	6.3	6.7	6.3	6.3	6.3	6.0	7.3	7.0	6.3	6.0	5.0	5.0	6.2
MRS�-PR15	6.7	5.3	6.0	6.3	6.7	6.7	6.3	7.0	7.0	7.0	6.0	5.0	5.3	6.2
MRS�-PR16	6.7	5.7	6.0	5.7	6.7	6.7	6.3	7.0	7.0	7.0	6.3	5.0	5.3	6.2
NEXUS GT (SNX)	7.3	5.3	6.0	6.3	6.7	6.7	6.0	7.3	7.3	7.0	6.0	5.0	5.0	6.2
SAGUARO	7.0	5.0	5.7	6.0	7.0	7.0	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.2
APR3060	7.0	5.3	5.7	5.7	6.0	6.7	6.3	7.3	7.0	6.7	6.0	5.0	5.0	6.1
BAR LP 6158	7.0	4.7	5.7	6.3	7.0	7.0	6.0	7.3	7.0	6.7	6.0	5.0	5.0	6.1
BAR LP 6162	6.3	5.0	6.3	7.0	6.7	6.7	6.0	6.3	6.3	6.3	6.0	5.0	5.0	6.1
BAR LP 6233	6.7	5.0	6.0	6.0	6.7	6.7	6.3	7.0	7.0	6.3	6.0	5.0	5.0	6.1
BRIGHTSTAR SLT	6.7	5.7	6.3	6.3	7.0	6.7	5.7	6.7	6.7	6.3	5.7	5.0	5.0	6.1
EVOLVE	6.7	5.0	5.7	6.0	6.7	6.7	6.0	7.0	7.0	6.7	6.0	5.0	5.0	6.1
LPB-SD-104	6.3	4.7	5.7	5.7	7.3	7.3	6.3	7.0	7.0	7.0	6.0	4.7	5.0	6.1
PST-2PDA	7.0	5.0	5.7	6.0	7.0	7.0	6.3	7.0	7.0	6.7	6.0	5.0	5.0	6.1
SAVANT	6.3	4.3	5.3	5.7	7.3	7.0	6.3	7.0	7.0	7.0	5.7	5.0	5.0	6.1
BAR LP 6117	7.0	5.0	6.0	6.7	6.3	6.3	6.0	7.0	7.0	6.0	6.0	5.0	5.0	6.0
BAR LP 6159	7.0	4.7	5.7	6.0	6.7	6.7	6.3	7.0	7.0	6.0	5.7	5.0	5.0	6.0
LPB-SD-105	6.7	4.7	5.3	5.7	6.3	6.3	6.3	7.0	7.0	7.0	6.0	5.0	5.0	6.0
BAR LP 6131	6.3	4.3	6.0	6.7	6.7	6.3	5.7	6.7	7.0	6.3	6.0	4.7	4.7	5.9
LINN	5.3	5.0	5.7	6.0	5.7	5.7	5.7	6.0	6.0	5.7	5.3	5.0	4.7	5.5
LSD VALUE	0.8	1.7	1.7	3.0	1.6	1.5	2.0	0.8	0.7	0.7	0.6	0.8	1.0	0.4
C.V. (%)	6.1	13.6	10.5	12.1	8.8	6.3	5.8	5.6	5.4	6.0	5.6	8.7	9.6	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.

TABLE 13.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST GROWN UNDER TRAFFIC AT CORVALLIS, OR 1/  
2020 DATA

NAME	GENETIC COLOR	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-2FOXY	7.7	5.3	6.3	6.7	7.7	7.0	6.3	7.7	8.0	7.7	7.0	5.3	6.0	6.8
DLFPS-236/3552	7.0	5.3	6.3	6.7	7.7	7.3	6.3	8.0	8.0	7.3	6.7	5.0	5.7	6.7
NP-2	7.0	5.3	6.3	6.3	7.3	7.3	6.3	7.7	8.0	7.7	6.7	5.3	6.0	6.7
PPG-PR 372	7.3	5.0	6.0	6.0	7.7	7.0	6.0	8.0	8.0	8.0	7.0	5.3	6.0	6.7
PPG-PR 422	7.0	5.7	6.3	6.7	7.3	7.0	6.0	7.7	7.7	7.7	7.0	5.3	6.0	6.7
PR-6-15	7.0	5.0	6.0	6.7	8.0	7.3	6.3	7.7	8.0	8.0	6.7	5.0	5.7	6.7
GATOR FORE (DLFPS-236/3544)	7.0	5.3	6.0	6.0	7.7	7.0	6.0	7.3	8.0	8.0	6.7	5.0	5.7	6.6
DLFPS-236/3546	7.3	5.0	5.7	6.0	6.7	6.7	6.0	7.7	8.0	8.0	7.0	6.3	5.7	6.6
MYSTIQUE (DLFPS-236/3547)	7.0	5.3	5.7	6.0	7.7	7.0	6.0	7.7	8.0	7.7	6.7	5.3	5.7	6.6
DLFPS-236/3556	7.0	5.0	6.3	6.7	7.3	7.0	6.0	8.0	8.0	7.7	6.3	5.3	5.7	6.6
FURLONG (LTP-FCB)	7.3	5.0	5.7	5.7	7.3	7.3	6.3	8.0	8.0	7.7	6.7	5.7	5.3	6.6
JR-197	7.7	5.3	6.0	6.0	8.0	7.0	6.0	8.0	8.0	7.3	6.3	5.0	6.0	6.6
PPG-PR 367	7.3	5.0	6.0	6.3	7.7	7.0	6.0	7.7	8.0	8.0	6.7	5.0	5.7	6.6
PST-2A2	7.3	5.0	5.7	6.3	8.0	7.3	6.3	8.0	8.0	7.3	6.7	5.0	5.7	6.6
SILVER SPORT (PST-2CRP)	7.0	5.0	5.3	5.7	7.7	7.3	6.3	7.7	8.0	8.0	6.7	5.0	6.0	6.6
SPIKE GLS (UF3)	7.3	5.0	6.0	6.7	8.0	7.0	6.0	8.0	8.0	7.3	6.7	5.0	5.3	6.6
STELLAR 4GL (PPG-PR 424)	7.3	5.0	6.0	6.3	7.7	7.3	6.3	7.7	8.0	8.0	6.7	5.0	5.0	6.6
02BS1	7.0	5.3	6.0	6.0	7.7	7.7	6.7	7.3	7.7	7.3	6.3	5.0	5.3	6.5
ALLSTAR FORE (DLFPS-236/3541)	7.0	5.3	6.3	6.7	7.7	7.0	6.0	7.3	7.3	7.3	6.7	5.3	5.3	6.5
APPLE 3GL (PPG-PR 339)	7.3	5.0	5.7	6.3	7.0	7.0	6.3	8.0	8.0	7.7	6.7	5.0	5.3	6.5
MIGHTIER (DLFPS-236/3542)	7.7	5.0	6.0	6.3	7.7	7.3	6.3	7.7	7.7	7.3	6.7	5.0	5.3	6.5
ZOOM 2 (DLFPS-236/3545)	7.3	5.0	6.0	6.3	8.0	7.0	6.0	7.7	7.7	7.3	6.7	5.3	5.3	6.5
GRAND SLAM GLD	7.0	5.0	5.7	5.7	7.0	7.0	6.7	7.3	8.0	7.7	7.0	5.3	5.3	6.5
NP-3	7.3	5.0	6.0	6.7	7.0	7.0	6.3	7.3	7.7	7.3	6.7	5.3	5.3	6.5
OVERDRIVE 5G	7.0	5.0	6.0	6.3	7.0	6.7	6.0	8.0	8.0	7.3	7.0	5.0	6.0	6.5
PHARAOH	7.3	5.0	5.7	5.7	7.3	7.0	6.7	8.0	8.0	7.7	6.7	5.3	5.3	6.5
PPG-PR 421	7.3	5.3	6.0	6.0	7.3	7.0	6.3	7.7	8.0	7.7	6.3	5.0	5.0	6.5
PPG-PR 423	7.0	5.0	6.0	6.3	7.7	7.3	6.3	8.0	8.0	7.3	6.3	5.0	5.0	6.5
SLUGGER 3GL (PPG-PR 343)	7.0	5.3	6.0	6.0	7.0	6.7	6.0	7.3	8.0	8.0	6.7	5.0	5.7	6.5
SR 4700 (DLFPS-236/3543)	7.3	5.0	6.0	6.3	7.7	7.3	6.3	8.0	8.0	7.0	6.3	5.3	5.0	6.5
021	6.7	5.0	6.0	6.3	7.3	7.0	6.3	7.3	7.3	7.3	6.3	5.0	5.7	6.4
02BS2	7.0	5.0	6.0	6.3	7.3	7.0	6.0	7.3	7.7	7.3	7.0	5.0	5.3	6.4
ALLOY (RRT)	6.7	4.7	6.0	6.7	7.0	6.7	6.0	7.0	7.7	7.7	7.0	5.3	5.7	6.4
GRAY HAWK (PST-2FIND)	7.0	5.0	5.7	6.3	7.0	7.0	6.3	7.7	8.0	7.3	6.3	5.0	5.0	6.4
HOMERUN LS (PPG-PR 419)	7.0	5.3	6.0	6.3	7.7	7.0	6.0	7.3	7.3	7.0	6.0	5.0	5.3	6.4
INTENSE	7.0	5.0	6.0	6.3	7.7	7.0	6.0	7.7	7.7	7.0	6.3	5.0	5.0	6.4
MAN O WAR	7.0	5.0	5.7	5.7	7.7	7.0	6.0	7.7	7.7	7.7	6.7	5.0	5.7	6.4
PARAGON 2 GLR (FP2)	7.0	5.0	5.7	5.7	7.3	7.0	6.0	7.3	7.7	7.7	6.7	5.3	5.7	6.4
PL2	7.0	5.0	5.7	5.7	7.7	7.3	6.3	7.3	7.7	7.7	6.3	5.0	5.3	6.4
PPG-PR 370	7.0	5.0	5.7	5.7	7.7	7.0	6.3	7.7	7.7	7.3	6.3	5.0	5.0	6.4
SEABISCUIT	7.0	5.0	6.0	6.3	7.7	7.3	6.3	7.3	7.3	7.3	6.0	5.0	5.3	6.4
SHIELD (02BS4)	7.0	5.0	6.0	6.3	7.0	7.0	6.3	7.0	7.7	7.7	6.3	5.0	5.3	6.4
XCELERATOR	7.0	5.0	5.7	6.0	7.7	7.3	6.3	7.7	7.7	7.0	6.3	5.0	5.0	6.4
ASP0116EXT	7.3	5.0	6.0	6.3	6.7	6.7	6.3	7.3	7.7	7.3	6.0	5.0	5.3	6.3
ASP0118GL (A-4G)	7.0	5.0	5.7	6.3	7.0	7.0	6.0	7.0	7.3	7.3	6.3	5.0	5.3	6.3
CPN	7.0	5.0	5.7	6.0	7.3	7.0	6.3	7.3	7.3	7.0	6.3	5.0	5.3	6.3
DERBY XTREME	7.3	5.0	5.7	6.0	6.7	6.3	6.0	7.3	8.0	7.7	7.0	5.0	5.3	6.3

TABLE 13.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST GROWN UNDER TRAFFIC AT CORVALLIS, OR 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DLFPS-236/3548	6.7	5.0	6.0	6.3	7.0	7.0	6.0	7.3	7.3	7.0	6.7	5.0	5.0	6.3
DLFPS-236/3550	7.0	5.0	6.0	6.3	7.3	7.0	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.3
FASTBALL 3GL (PPG-PR 329)	7.0	5.0	5.7	6.0	7.0	7.0	6.3	7.3	7.3	7.3	6.7	5.3	5.0	6.3
FIREBALL (BWH)	7.7	5.0	5.7	6.0	6.7	6.3	6.0	8.0	8.0	7.3	6.0	5.0	5.0	6.3
IVY (PST-2GTD)	7.0	5.0	5.7	5.7	7.7	7.3	6.3	7.3	7.3	7.0	6.3	5.0	5.3	6.3
JR-123	7.0	5.0	5.7	6.0	7.3	7.0	6.0	7.7	7.7	7.0	6.3	5.3	5.0	6.3
KARMA	7.0	4.7	5.7	6.3	7.3	7.0	6.0	7.3	7.3	7.3	6.7	5.0	5.3	6.3
LPB-SD-101	6.7	5.3	6.3	6.3	7.0	7.0	6.0	7.3	7.3	7.0	6.0	4.7	5.0	6.3
PARADOX GLR (PPG-PR 331)	7.0	5.3	5.3	5.3	7.3	7.0	6.3	7.3	7.3	7.3	6.3	5.0	5.0	6.3
PPG-PR 360	7.0	5.0	5.7	6.0	7.0	6.7	6.0	7.7	7.7	7.3	6.3	5.0	5.0	6.3
PPG-PR 371	7.3	5.0	5.7	5.7	7.3	6.7	6.0	7.7	7.7	7.3	7.0	5.0	5.0	6.3
PST-2BDT	7.3	5.0	5.7	6.3	7.3	7.0	6.3	7.7	7.3	6.7	6.0	5.0	5.0	6.3
PST-2MAY	7.0	5.0	5.7	6.0	7.0	7.0	6.3	7.7	7.7	7.3	6.0	5.0	5.3	6.3
SAGUARO	7.0	5.0	6.0	6.3	7.3	7.0	6.0	7.3	7.0	6.7	6.0	5.0	5.3	6.3
SUPERSTAR GL (PPG-PR 420)	7.0	5.0	5.7	6.0	7.0	7.0	6.3	7.7	7.7	7.0	6.3	5.0	5.3	6.3
UMPQUA	7.0	5.0	5.7	6.0	7.7	7.0	6.0	7.3	7.3	6.7	6.0	5.0	5.3	6.3
023	7.0	5.0	5.3	5.7	7.3	7.0	6.0	7.3	7.3	7.0	6.7	5.0	4.7	6.2
ALLSTAR III	6.7	5.0	6.0	6.0	7.3	7.0	6.0	7.0	7.0	6.7	6.0	5.0	5.0	6.2
APR2616	7.0	5.0	5.7	6.0	7.0	7.0	6.0	7.0	7.3	7.3	6.0	5.0	5.0	6.2
ASP0117 (A-PR15)	7.0	5.0	5.7	5.7	6.7	6.7	6.3	7.7	7.7	7.0	6.0	5.0	5.3	6.2
ASP0218 (A-6D)	7.3	5.0	5.7	5.7	6.7	6.7	6.0	7.3	7.7	7.3	6.3	5.0	5.3	6.2
BELIZE 2 (GO-142)	7.0	5.0	6.0	6.0	7.3	7.0	6.0	7.0	7.0	7.0	6.0	5.0	5.0	6.2
CAYMAN (GO-143)	7.0	5.0	6.0	6.0	6.7	6.7	6.3	7.3	7.3	7.0	6.3	5.0	5.0	6.2
HELIOS (DLFPS-236/3538)	7.0	5.0	6.0	6.3	7.3	7.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.2
DLFPS-236/3540	7.0	5.0	5.7	5.7	7.0	7.0	6.0	7.7	7.3	6.7	6.0	5.0	5.0	6.2
FIESTA CINCO (DLFPS-236/3554)	7.0	5.0	5.3	5.3	7.3	7.0	6.3	7.3	7.7	7.3	6.0	5.0	5.0	6.2
GRAY WOLF (PST-2GAL)	7.0	5.0	5.3	5.7	7.3	7.0	6.0	7.0	7.3	7.3	6.3	5.0	5.0	6.2
JR-747	6.7	5.0	5.7	6.0	7.0	7.0	6.3	7.0	7.3	7.3	6.0	5.0	5.0	6.2
JR-888	7.0	4.7	5.7	6.3	7.0	7.0	6.3	7.3	7.3	7.0	6.0	5.0	5.0	6.2
LPB-SD-103	6.7	5.0	5.7	5.7	7.0	7.0	6.3	7.3	7.3	7.0	6.3	5.0	5.0	6.2
MENSA	6.3	5.0	6.0	6.3	7.3	7.0	6.0	7.0	7.0	7.0	6.0	5.0	5.0	6.2
MRSI-PR15	6.7	5.0	6.0	6.3	7.3	7.0	6.0	7.0	7.0	7.0	6.0	5.0	5.0	6.2
NEXUS GT (SNX)	7.3	5.3	6.0	6.3	6.3	6.3	6.0	7.7	7.7	7.0	6.0	5.0	5.0	6.2
PEPPER II (RAD-PR 103)	7.0	5.0	5.7	6.0	7.3	7.0	6.3	7.0	7.0	7.0	6.0	5.0	5.0	6.2
PR-5-16	7.0	5.0	6.0	6.7	7.3	6.7	6.0	7.0	7.0	6.7	6.0	5.0	5.0	6.2
PST-2EGAD	7.0	5.0	5.7	6.0	7.3	7.0	6.0	7.0	7.0	6.7	6.0	5.0	5.3	6.2
RAD-PR 112	7.0	5.0	6.0	6.3	7.0	7.0	6.0	7.3	7.0	6.7	6.0	5.0	5.0	6.2
SIGNET	6.7	4.7	6.0	6.3	7.0	7.0	6.3	7.0	7.0	7.0	6.0	5.0	5.0	6.2
SLIDER LS (PPG-PR 241)	7.0	5.0	5.7	5.7	7.0	6.7	6.0	7.3	7.7	7.3	6.3	5.0	5.0	6.2
SR 4650	7.0	5.0	6.0	6.0	6.7	7.0	6.3	7.0	7.3	7.3	6.0	4.7	4.7	6.2
TEE-ME-UP (BSP-25)	7.0	5.0	6.0	6.3	6.7	6.7	6.0	7.3	7.3	7.0	6.0	5.0	5.3	6.2
BAR LP 6158	6.7	4.7	5.3	6.0	7.3	7.0	6.0	7.0	7.0	6.7	6.0	5.0	5.0	6.1
BAR LP 6164	7.0	5.0	5.7	5.7	7.3	7.0	6.3	7.3	7.0	6.3	6.0	5.0	5.0	6.1
BAR LP 6233	7.0	5.0	5.7	6.0	7.0	6.7	6.0	7.0	7.0	6.7	6.0	5.0	5.0	6.1
CS-6	7.0	5.0	6.0	6.3	6.3	6.3	6.0	7.0	7.3	7.3	6.0	5.0	5.0	6.1
DLFPS-236/3553	7.0	5.0	5.7	5.7	7.0	6.7	6.0	7.0	7.0	7.0	6.3	5.0	5.0	6.1
EVOLVE	6.7	5.0	6.0	6.0	7.0	7.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.1

TABLE 13.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST GROWN UNDER TRAFFIC AT CORVALLIS, OR 1/  
2020 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS											MEAN	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
GO-141	7.0	5.0	5.7	5.7	6.7	6.7	6.3	7.3	7.3	7.0	5.7	4.7	5.0	6.1
GREEN SUPREME+ (AMP-R1)	7.0	4.7	5.7	6.0	6.3	6.7	6.3	7.0	7.0	7.0	6.0	5.0	5.0	6.1
HATRICK (BSP-17)	7.0	5.0	5.7	5.7	6.3	6.3	6.0	7.3	7.3	7.0	6.0	5.0	5.3	6.1
LPB-SD-102	6.3	4.7	5.7	6.0	7.3	7.0	6.0	7.3	7.0	6.7	6.0	5.0	5.0	6.1
LPB-SD-105	6.7	5.0	5.3	5.3	7.0	7.0	6.3	7.0	7.0	7.0	6.0	5.0	5.0	6.1
MRSL-PR16	7.0	5.0	5.3	5.3	7.0	7.0	6.0	7.0	7.0	7.0	6.3	5.0	5.3	6.1
PPG-PR 385	7.0	4.7	5.3	5.7	7.3	6.7	6.0	7.0	7.0	6.7	6.3	5.0	5.3	6.1
SAVANT	6.7	4.3	5.3	6.0	7.0	7.0	6.3	7.0	7.0	7.0	5.7	5.0	5.0	6.1
APR2612	7.0	4.7	5.3	5.7	6.7	6.3	6.0	7.3	7.3	7.0	6.0	5.0	5.0	6.0
APR3060	7.0	4.7	5.3	5.7	6.0	6.3	6.3	7.3	7.3	7.0	6.0	4.7	5.0	6.0
BAR LP 6117	7.0	5.0	6.0	6.0	6.7	6.7	6.0	7.0	7.0	6.0	6.0	4.7	5.0	6.0
BAR LP 6131	6.7	4.7	5.7	6.3	7.0	6.7	6.0	7.0	7.0	6.3	6.0	4.7	4.7	6.0
BAR LP 6165	6.0	5.0	5.7	5.7	6.7	6.7	6.3	7.0	7.0	6.3	6.0	5.0	5.0	6.0
DLFPS-238/3014	6.7	5.0	6.0	6.0	6.3	6.3	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.0
PST-2PDA	7.0	4.7	5.3	5.7	7.0	7.0	6.3	7.0	7.0	6.3	6.0	5.0	5.0	6.0
LPB-SD-104	6.3	4.3	5.3	5.3	6.7	6.7	6.3	7.0	7.0	7.0	5.7	4.3	4.7	5.9
BAR LP 6159	7.0	4.7	5.3	5.7	6.3	6.3	6.0	7.0	7.0	6.0	5.7	4.3	5.0	5.8
BAR LP 6162	6.0	5.0	5.3	5.7	6.3	6.3	6.0	6.7	6.7	6.0	6.0	5.0	5.0	5.8
BRIGHTSTAR SLT	6.7	4.7	5.3	5.3	6.3	6.3	6.0	6.7	6.7	6.3	5.7	4.7	4.3	5.7
LINN	5.3	4.7	5.3	5.3	6.0	6.0	5.7	6.0	6.3	6.0	5.3	4.3	4.7	5.5
LSD VALUE	0.8	1.3	2.8	5.1	2.2	1.3	1.3	0.9	0.7	0.8	0.7	0.6	0.8	0.4
C.V. (%)	5.7	6.7	8.9	12.7	9.6	6.3	5.1	5.9	5.5	6.2	6.1	5.7	7.4	3.5

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  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT		
NP-2	6.7	7.3	5.7	6.3	6.3	6.0	6.4	7.7	7.3	
RAD-PR 112	6.7	5.7	5.0	5.0	5.7	5.7	5.6	8.7	7.3	
PPG-PR 370	7.0	7.0	6.7	7.0	6.3	6.7	6.8	8.0	7.0	
TEE-ME-UP (BSP-25) 023	5.0	6.0	6.0	5.7	6.0	5.3	5.7	8.3	7.0	
FASTBALL 3GL (PPG-PR 329)	6.7	6.3	6.0	5.7	6.3	6.3	6.2	7.0	6.7	
INTENSE	7.3	7.0	6.0	5.7	6.3	6.0	6.4	7.3	6.7	
PR-6-15	6.3	6.3	5.7	4.7	5.7	5.7	5.7	7.3	6.7	
02BS1	6.7	7.3	6.0	6.0	6.0	5.7	6.3	8.0	6.7	
ASP0116EXT	6.3	6.7	5.7	5.7	6.0	6.3	6.1	8.0	6.3	
ASP0117 (A-PR15)	6.3	7.3	6.0	5.7	6.3	5.3	6.2	8.7	6.3	
CAYMAN (GO-143)	6.7	7.0	5.7	5.7	7.0	6.0	6.3	8.3	6.3	
DLFPS-236/3546	6.3	6.3	5.3	5.0	5.7	5.0	5.6	7.7	6.3	
DLFPS-236/3548	6.3	7.0	6.0	6.3	6.3	6.7	6.4	8.0	6.3	
DLFPS-236/3552	6.7	7.3	6.3	6.0	6.7	6.0	6.5	7.7	6.3	
FURLONG (LTP-FCB)	6.3	6.7	5.7	5.7	6.3	6.3	6.2	7.7	6.3	
GO-141	6.3	7.3	6.0	5.7	6.3	6.0	6.3	6.7	6.3	
HATRICK (BSP-17)	6.7	6.7	5.0	5.3	6.3	6.0	6.0	7.7	6.3	
JR-123	5.7	6.0	5.3	5.0	6.3	5.0	5.6	9.0	6.3	
JR-197	6.0	6.0	5.3	5.3	6.0	5.7	5.7	8.3	6.3	
LPB-SD-103	6.3	5.7	5.7	5.3	6.3	5.3	5.8	7.0	6.3	
MRSL-PR15	6.0	7.0	6.0	6.0	6.3	6.7	6.3	8.0	6.3	
NEXUS GT (SNX)	5.3	5.7	5.3	4.7	5.7	4.7	5.2	8.0	6.3	
PARADOX GLR (PPG-PR 331)	5.7	5.7	5.0	4.7	5.7	5.0	5.3	8.0	6.3	
PPG-PR 360	6.7	6.3	6.0	6.3	6.3	5.7	6.2	7.7	6.3	
SEABISCUIT	6.0	6.3	6.3	6.0	6.0	6.3	6.2	8.0	6.3	
SIGNET	5.7	5.0	4.7	5.0	5.3	5.3	5.2	7.7	6.3	
STELLAR 4GL (PPG-PR 424)	8.0	7.7	6.7	7.0	5.7	6.0	6.8	7.7	6.3	
XCELERATOR	6.7	7.3	6.7	6.7	7.3	6.0	6.8	7.3	6.3	
021	6.0	6.3	6.3	5.7	6.3	6.0	6.1	7.7	6.3	
02BS2	7.0	6.0	5.7	5.7	5.7	5.7	5.9	7.3	6.0	
ALLOY (RRT)	5.7	6.7	6.3	5.3	6.0	5.7	5.9	7.3	6.0	
CS-6	6.7	7.0	6.0	6.0	6.3	6.0	6.3	7.3	6.0	
GATOR FORE (DLFPS-236/3544)	6.7	6.3	5.7	5.3	5.7	5.7	5.9	8.0	6.0	
ZOOM 2 (DLFPS-236/3545)	6.3	6.0	6.3	5.7	6.0	5.7	6.0	7.7	6.0	
GRAND SLAM GLD	6.7	6.0	5.7	5.3	6.3	6.3	6.1	7.7	6.0	
GRAY HAWK (PST-2FIND)	5.7	6.3	6.0	5.7	6.3	6.0	6.0	7.7	6.0	
GRAY WOLF (PST-2GAL)	5.3	5.7	5.0	5.3	5.7	5.3	5.4	7.3	6.0	
HOMERUN LS (PPG-PR 419)	6.7	7.0	6.0	5.0	6.0	6.3	6.2	6.7	6.0	
KARMA	7.3	7.3	6.3	6.7	6.7	5.7	6.7	7.3	6.0	
NP-3	7.0	7.7	6.0	6.0	6.3	5.7	6.4	7.0	6.0	
PARAGON 2 GLR (FP2)	7.0	7.7	6.3	6.7	7.0	6.3	6.8	8.0	6.0	
PL2	6.0	6.3	6.0	5.0	6.7	6.0	6.0	8.0	6.0	
PPG-PR 421	6.3	7.3	6.0	5.3	6.3	6.3	6.3	7.0	6.0	
PPG-PR 422	6.7	6.7	6.3	6.0	6.3	6.0	6.3	8.0	6.0	
PR-5-16	6.7	7.0	6.0	5.7	6.3	6.3	6.3	8.0	6.0	
PST-2EGAD	7.3	6.3	6.3	6.7	6.3	6.3	6.6	7.7	6.0	
	5.3	5.7	4.3	4.7	5.7	5.3	5.2	7.3	6.0	



TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT		
PST-2MAY	6.3	7.0	6.0	5.7	6.0	6.3	6.2	7.3	6.0	
SILVER SPORT (PST-2CRP)	7.0	6.3	6.0	5.7	6.3	5.7	6.2	7.7	6.0	
SLUGGER 3GL (PPG-PR 343)	6.7	7.0	6.0	6.0	6.0	6.0	6.3	8.0	6.0	
SR 4650	6.7	6.7	6.7	6.7	6.3	5.7	6.4	7.7	6.0	
SUPERSTAR GL (PPG-PR 420)	7.0	6.7	6.0	6.3	7.0	5.7	6.4	8.0	6.0	
ALLSTAR FORE (DLFPS-236/3541)	6.3	6.7	6.3	5.3	6.0	5.3	6.0	7.7	5.7	
ASP0118GL (A-4G)	6.0	5.7	5.3	5.7	6.7	5.7	5.8	8.0	5.7	
ASP0218 (A-6D)	6.7	6.7	6.0	5.7	6.3	5.3	6.1	8.0	5.7	
BAR LP 6159	7.3	6.3	6.3	5.7	6.7	5.0	6.2	7.3	5.7	
BAR LP 6164	6.7	6.3	6.0	5.7	6.0	5.3	6.0	6.3	5.7	
BRIGHTSTAR SLT CPN	5.7 7.0	5.3 6.3	5.3 5.7	5.0 5.7	5.3 6.3	5.7 5.3	5.4 6.1	6.3 7.7	5.7 5.7	
HELIOS (DLFPS-236/3538)	6.7	6.7	5.7	5.7	5.7	5.7	6.0	6.7	5.7	
DLFPS-236/3540	6.7	6.7	5.7	6.0	6.3	6.0	6.2	7.7	5.7	
MYSTIQUE (DLFPS-236/3547)	6.0	6.0	6.0	6.0	6.0	6.7	6.1	7.7	5.7	
DLFPS-236/3553	6.7	7.0	6.3	6.0	5.7	6.0	6.3	7.7	5.7	
EVOLVE	5.3	5.7	4.7	4.3	4.7	4.7	4.9	7.0	5.7	
FIESTA CINCO (DLFPS-236/3554)	6.7	6.7	6.3	6.0	6.0	6.0	6.3	7.7	5.7	
GREEN SUPREME+ (AMP-R1)	5.3	6.0	5.3	5.3	6.3	6.0	5.7	8.0	5.7	
MRSL-PR16	5.3	6.0	5.7	5.0	5.7	5.0	5.4	8.0	5.7	
PPG-PR 367	6.3	6.3	5.7	5.3	6.0	6.0	5.9	7.7	5.7	
PST-2BDT	6.0	6.7	5.7	5.0	6.0	5.3	5.8	8.0	5.7	
SAGUARO	6.0	7.0	6.3	6.3	5.7	5.7	6.2	7.7	5.7	
SHIELD (02BS4)	5.7	6.3	6.0	5.7	5.3	5.7	5.8	7.3	5.7	
SLIDER LS (PPG-PR 241)	6.3	6.0	6.0	6.0	6.0	6.3	6.1	7.3	5.7	
SPIKE GLS (UF3)	7.0	7.0	6.0	6.0	5.7	6.0	6.3	7.7	5.7	
SR 4700 (DLFPS-236/3543)	7.3	6.7	6.3	5.7	6.0	6.0	6.3	8.0	5.7	
APR2616	5.3	5.7	5.3	5.3	6.3	5.7	5.6	8.0	5.3	
APR3060	5.3	6.0	5.3	4.7	6.0	4.7	5.3	7.0	5.3	
BAR LP 6117	6.7	6.3	6.0	5.3	6.7	5.0	6.0	7.3	5.3	
MIGHTIER (DLFPS-236/3542)	6.3	7.0	6.7	6.0	6.3	6.3	6.4	8.0	5.3	
DLFPS-236/3556	5.7	5.3	5.7	5.3	6.0	5.7	5.6	7.7	5.3	
FIREBALL (BWH)	4.7	5.0	4.7	4.3	5.3	4.3	4.7	8.7	5.3	
IVY (PST-2GTD)	6.0	5.7	5.7	5.0	5.7	5.7	5.6	7.0	5.3	
JR-888	5.7	7.0	6.3	6.3	6.3	5.7	6.2	7.0	5.3	
LPB-SD-104	5.0	6.3	6.0	6.3	7.0	6.3	6.2	8.3	5.3	
PEPPER II (RAD-PR 103)	5.3	6.3	5.7	5.7	6.0	5.3	5.7	7.7	5.3	
PPG-PR 371	6.7	7.7	6.3	6.0	5.7	5.3	6.3	7.3	5.3	
PST-2A2	7.0	6.0	6.0	6.3	6.7	5.7	6.3	8.0	5.3	
PST-2FOXY	5.7	6.3	6.0	5.7	5.7	5.7	5.8	8.0	5.3	
ALLSTAR III	5.3	5.3	5.0	5.3	5.7	5.3	5.3	7.3	5.0	
APPLE 3GL (PPG-PR 339)	6.3	7.0	6.7	6.7	7.0	6.0	6.6	8.0	5.0	
BAR LP 6158	5.7	6.3	5.3	4.7	5.7	5.0	5.4	6.0	5.0	
BELIZE 2 (GO-142)	6.3	5.3	5.0	5.0	5.7	5.0	5.4	7.3	5.0	
MENSA	5.3	7.3	6.0	6.7	6.7	6.3	6.4	8.3	5.0	
OVERDRIVE 5G	6.7	6.0	5.7	6.0	6.0	6.0	6.1	7.3	5.0	
PHARAOH	6.7	6.0	5.0	5.3	5.3	5.3	5.6	7.3	5.0	

TABLE 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
 2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT		
PPG-PR 385	5.7	6.7	6.0	6.0	6.0	5.0	5.9	6.7	5.0	
PPG-PR 423	6.3	6.0	6.3	6.0	6.0	6.0	6.1	7.7	5.0	
BAR LP 6233	4.7	6.3	6.0	6.0	5.7	5.0	5.6	5.7	4.7	
DERBY XTREME	5.7	6.3	5.3	5.0	6.0	5.3	5.6	8.0	4.7	
DLFPS-236/3550	6.3	6.3	6.0	6.0	5.7	6.0	6.1	7.7	4.7	
DLFPS-238/3014	4.3	5.0	4.3	4.0	5.3	4.7	4.6	5.3	4.7	
JR-747	6.3	6.7	6.3	6.3	7.0	5.7	6.4	8.3	4.7	
PPG-PR 372	6.7	6.7	6.3	5.7	6.0	6.0	6.2	8.0	4.7	
PST-2PDA	5.7	6.0	6.0	5.0	6.3	5.3	5.7	7.3	4.7	
UMPQUA	6.0	6.0	5.7	6.0	6.3	5.7	5.9	8.0	4.7	
APR2612	6.0	5.7	5.3	5.0	5.3	6.0	5.6	7.7	4.3	
BAR LP 6131	5.7	5.3	5.3	4.3	6.0	4.7	5.2	6.7	4.3	
LPB-SD-101	6.3	6.3	6.7	6.3	6.0	6.3	6.3	7.3	4.3	
LPB-SD-105	6.0	6.7	6.7	7.0	7.0	6.3	6.6	7.7	4.3	
MAN O WAR	5.7	6.0	5.0	5.0	5.7	5.7	5.5	8.0	4.3	
LPB-SD-102	5.7	7.3	6.3	5.3	5.3	6.7	6.1	8.0	4.0	
SAVANT	4.7	7.0	6.3	6.0	6.3	6.3	6.1	7.7	4.0	
BAR LP 6162	5.0	6.0	4.7	4.0	5.0	4.7	4.9	6.3	3.7	
BAR LP 6165	4.7	6.3	5.0	5.0	5.0	4.3	5.1	4.7	3.7	
LINN	2.0	3.0	3.0	2.0	2.7	2.3	2.5	2.7	3.0	
LSD VALUE	0.8	2.2	1.9	1.5	1.4	1.2	1.4	1.3	0.8	
C.V. (%)	6.9	17.8	15.6	12.2	12.1	12.7	11.3	12.3	8.4	

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

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

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN (DROUGHT), UT 1/2020 DATA

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

NAME	QUALITY RATINGS							MEAN
	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	
PPG-PR 370	5.3	6.7	8.0	6.7	5.0	7.0	5.7	6.5
PPG-PR 423	5.3	7.0	7.3	7.3	5.0	6.7	5.7	6.5
FURLONG (LTP-FCB)	6.0	6.7	6.7	6.3	6.0	6.3	6.3	6.4
NP-2	6.0	6.7	6.7	6.3	5.7	7.0	6.0	6.4
SLUGGER 3GL (PPG-PR 343)	5.7	6.3	7.0	6.7	6.0	6.7	6.0	6.4
GATOR FORE (DLFPS-236/3544)	6.0	7.3	6.0	6.3	5.3	6.3	6.3	6.3
PST-2MAY	5.0	6.0	7.0	6.7	5.3	6.7	6.0	6.3
SUPERSTAR GL (PPG-PR 420)	4.7	6.3	7.0	6.7	5.3	6.7	6.0	6.3
DLFPS-236/3540	3.7	6.0	6.7	6.3	5.7	7.0	5.7	6.2
MIGHTIER (DLFPS-236/3542)	5.0	6.3	7.3	6.7	4.7	6.0	6.3	6.2
MYSTIQUE (DLFPS-236/3547)	6.0	6.3	6.3	6.7	5.7	6.0	6.0	6.2
INTENSE	5.3	6.0	6.3	6.0	5.3	7.0	6.3	6.2
PST-2A2	5.3	6.3	6.3	7.0	5.3	6.3	5.7	6.2
ALLOY (RRT)	5.0	6.0	7.3	6.3	4.7	6.0	6.0	6.1
APR2616	5.0	6.0	6.7	6.7	5.0	6.3	5.7	6.1
LPB-SD-102	4.0	6.0	7.3	6.0	5.7	6.0	5.7	6.1
MRSI-PR16	5.7	6.0	6.0	5.3	4.7	8.3	6.0	6.1
NP-3	5.3	6.3	6.0	6.3	5.7	6.3	5.7	6.1
PARADOX GLR (PPG-PR 331)	5.3	6.0	6.7	6.3	5.0	6.3	6.3	6.1
PPG-PR 371	6.0	6.3	6.7	6.3	5.0	6.0	6.0	6.1
PPG-PR 422	6.0	6.7	7.0	5.7	5.0	6.0	6.0	6.1
SPIKE GLS (UF3)	5.7	6.3	6.3	5.3	5.3	6.7	6.3	6.1
STELLAR 4GL (PPG-PR 424)	5.3	6.0	6.3	6.7	6.0	6.0	5.7	6.1
ALLSTAR FORE (DLFPS-236/3541)	5.3	6.3	5.7	5.7	5.3	6.7	6.3	6.0
GRAND SLAM GLD	5.3	6.7	6.7	5.7	4.7	6.3	6.0	6.0
HATRICK (BSP-17)	5.7	6.3	7.3	5.3	5.3	6.0	5.7	6.0
HOMERUN LS (PPG-PR 419)	5.7	6.0	7.0	6.3	4.7	6.0	6.0	6.0
021	6.0	5.7	6.0	6.7	4.7	6.3	6.0	5.9
DLFPS-236/3550	5.0	6.3	7.0	5.7	5.0	6.0	5.7	5.9
DLFPS-236/3553	6.0	6.3	6.0	6.0	5.0	6.7	5.7	5.9
FIESTA CINCO (DLFPS-236/3554)	6.0	6.0	7.0	6.7	5.0	5.7	5.3	5.9
GRAY WOLF (PST-2GAL)	5.3	6.3	6.0	6.0	4.3	6.3	6.3	5.9
KARMA	5.7	6.3	6.7	6.0	5.3	5.7	5.3	5.9
MAN O WAR	4.7	6.0	5.7	6.0	5.3	6.3	6.0	5.9
PARAGON 2 GLR (FP2)	4.7	6.0	6.7	6.0	4.7	6.3	6.0	5.9
PPG-PR 367	5.7	6.3	6.0	5.7	5.3	6.0	6.0	5.9
PR-5-16	5.3	6.0	6.7	5.7	4.7	6.3	6.0	5.9
SILVER SPORT (PST-2CRP)	5.3	6.0	5.7	6.0	6.3	6.0	5.7	5.9
SLIDER LS (PPG-PR 241)	5.7	6.3	6.7	5.0	4.7	7.0	5.7	5.9
SR 4700 (DLFPS-236/3543)	5.3	6.0	6.3	6.0	4.7	6.7	5.7	5.9
UMPQUA	5.0	6.3	6.3	5.7	5.0	6.0	6.0	5.9
CS-6	5.0	6.0	6.7	5.3	4.3	7.0	5.3	5.8
HELIOS (DLFPS-236/3538)	5.3	6.0	6.3	5.7	5.0	6.0	5.7	5.8
ZOOM 2 (DLFPS-236/3545)	5.7	6.7	5.7	6.0	4.3	6.3	5.7	5.8
DLFPS-236/3556	5.3	5.3	6.3	5.7	5.0	6.7	6.0	5.8
GO-141	4.7	6.3	6.3	5.3	4.3	6.7	5.7	5.8
JR-197	5.0	6.7	5.7	6.0	4.7	5.7	6.0	5.8

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN (DROUGHT), UT 1/  
2020 DATA

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

NAME	QUALITY RATINGS							
	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
NEXUS GT (SNX)	5.3	6.3	7.0	5.0	4.3	6.3	6.0	5.8
OVERDRIVE 5G	5.3	6.3	6.7	6.0	5.0	5.3	5.7	5.8
PPG-PR 372	5.3	6.7	6.7	5.3	4.0	6.0	6.0	5.8
PR-6-15	5.7	6.0	6.7	6.0	5.0	5.3	6.0	5.8
SAVANT	4.3	5.0	5.7	6.3	6.3	6.0	5.3	5.8
023	5.7	5.7	6.3	6.0	4.7	5.7	6.0	5.7
02BS2	5.7	5.7	6.0	5.7	4.7	6.0	6.0	5.7
APPLE 3GL (PPG-PR 339)	5.7	6.3	6.0	5.3	4.7	5.7	6.0	5.7
ASP0116EXT	6.0	7.0	6.0	5.7	4.7	5.7	5.0	5.7
ASP0117 (A-PR15)	5.7	6.0	5.3	5.3	5.0	7.0	5.3	5.7
BAR LP 6164	5.0	6.0	6.3	5.7	5.0	6.3	5.0	5.7
CPN	6.7	5.3	6.3	5.3	5.3	6.0	6.0	5.7
DLFPS-236/3546	5.3	5.3	6.3	6.3	4.7	5.7	6.0	5.7
FASTBALL 3GL (PPG-PR 329)	6.3	6.0	6.3	5.7	4.3	6.0	6.0	5.7
FIREBALL (BWH)	6.7	6.3	6.7	5.3	4.3	6.0	5.7	5.7
GRAY HAWK (PST-2FIND)	5.0	6.3	6.0	5.7	4.3	6.3	5.3	5.7
IVY (PST-2GTD)	6.0	6.0	6.0	5.0	5.3	6.0	5.7	5.7
LPB-SD-103	4.7	5.0	6.7	5.7	5.7	6.0	5.3	5.7
MRS-L-PR15	5.7	5.7	6.7	5.3	4.3	6.0	6.0	5.7
PPG-PR 360	5.7	6.0	6.7	5.7	4.7	5.7	5.7	5.7
PST-2FOXY	6.0	6.3	5.7	5.3	5.3	6.3	5.3	5.7
RAD-PR 112	6.3	6.3	6.0	5.0	4.3	6.0	6.3	5.7
SIGNET	5.0	6.0	6.7	5.3	5.0	5.7	5.7	5.7
TEE-ME-UP (BSP-25)	6.0	6.3	6.7	5.0	4.0	6.0	6.0	5.7
ASP0218 (A-6D)	5.7	5.3	6.3	5.7	4.7	6.0	5.3	5.6
DERBY XTREME	5.3	6.3	5.7	5.3	4.7	5.7	6.0	5.6
DLFPS-236/3552	5.7	6.0	6.7	6.0	4.0	5.3	5.7	5.6
GREEN SUPREME+ (AMP-R1)	5.3	6.7	6.0	5.3	3.7	6.3	5.7	5.6
JR-123	5.7	6.0	6.0	5.0	5.0	5.7	6.0	5.6
JR-747	4.0	4.7	6.7	6.3	5.3	5.3	5.0	5.6
LPB-SD-101	5.0	4.7	6.3	6.0	4.7	5.7	6.0	5.6
LPB-SD-104	5.0	4.7	6.7	6.3	6.0	4.7	5.3	5.6
LPB-SD-105	4.0	4.3	7.3	6.7	5.3	5.0	5.0	5.6
MENSA	5.3	4.7	7.0	6.0	5.0	5.0	5.7	5.6
PL2	6.0	7.0	5.0	5.3	4.3	6.3	5.3	5.6
SAGUARO	5.0	5.0	6.0	6.7	5.0	5.3	5.3	5.6
SEABISCUIT	5.0	5.7	6.0	5.3	4.7	6.7	5.3	5.6
ALLSTAR III	5.3	6.0	6.0	4.7	4.3	6.0	6.0	5.5
APR2612	4.7	6.7	5.7	5.7	4.7	6.0	4.3	5.5
PPG-PR 421	6.3	5.7	6.3	4.3	5.0	5.7	6.0	5.5
PST-2BDT	5.3	6.3	6.0	5.3	4.0	5.7	5.7	5.5
02BS1	6.3	5.3	6.0	4.7	4.3	6.3	6.0	5.4
BRIGHTSTAR SLT	5.3	6.0	5.3	5.7	4.3	6.0	5.3	5.4
PEPPER II (RAD-PR 103)	5.7	6.7	6.7	5.3	3.3	5.3	5.3	5.4
PPG-PR 385	5.7	6.0	5.7	5.3	4.0	6.0	5.3	5.4
SR 4650	6.0	6.0	6.0	5.0	4.0	6.0	5.7	5.4
XCELERATOR	5.7	5.7	6.0	5.7	4.7	5.0	5.7	5.4

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN (DROUGHT), UT 1/  
2020 DATA

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

NAME	SPRING GREENUP	MAY	JUN	QUALITY RATINGS				MEAN
				JUL	AUG	SEP	OCT	
APR3060	5.0	6.0	5.7	5.3	4.3	5.3	5.0	5.3
ASP0118GL (A-4G)	5.3	6.3	5.7	4.3	4.0	5.7	5.7	5.3
BAR LP 6117	5.0	5.7	6.7	5.3	4.3	5.3	4.7	5.3
BELIZE 2 (GO-142)	6.0	5.7	5.7	5.3	3.7	6.0	5.3	5.3
DLFPS-236/3548	6.0	6.0	4.3	6.0	5.3	5.0	5.3	5.3
JR-888	5.0	5.0	6.3	5.3	5.0	5.0	5.3	5.3
PHARAOH	6.3	5.3	6.0	5.0	4.0	5.7	6.0	5.3
PST-2PDA	5.3	5.3	5.3	5.3	4.3	5.7	5.0	5.2
SHIELD (02BS4)	6.0	5.0	6.0	5.7	3.7	5.0	5.7	5.2
PST-2EGAD	5.7	5.7	5.3	4.7	3.7	5.7	5.7	5.1
BAR LP 6131	5.3	5.0	5.7	4.7	4.0	5.3	4.7	4.9
BAR LP 6158	5.0	5.0	5.7	5.0	3.7	5.7	4.3	4.9
DLFPS-238/3014	4.7	5.0	5.0	4.7	4.7	5.0	5.0	4.9
EVOLVE	6.0	5.3	5.3	5.0	3.7	5.3	5.0	4.9
BAR LP 6159	4.7	5.7	6.0	4.0	3.3	5.3	4.7	4.8
BAR LP 6162	4.3	4.7	5.3	5.0	4.3	5.3	4.3	4.8
BAR LP 6233	4.7	5.0	5.0	4.3	4.0	5.3	4.7	4.7
BAR LP 6165	3.7	4.3	4.7	4.0	3.0	3.7	3.7	3.9
CAYMAN (GO-143)	3.0	5.7	3.7	3.3	2.7	3.7	3.3	3.7
LINN	2.0	2.0	2.7	2.7	2.3	3.0	3.0	2.6
LSD VALUE	2.1	1.0	2.0	1.6	1.6	1.5	1.2	0.7
C.V. (%)	17.2	10.2	15.1	14.8	17.7	13.3	11.4	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 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN (DROUGHT), UT 1/  
2020 DATA

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

NAME	QUALITY RATINGS							MEAN
	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	
PPG-PR 370	5.3	6.7	8.0	6.7	5.0	7.0	5.7	6.5
PPG-PR 423	5.3	7.0	7.3	7.3	5.0	6.7	5.7	6.5
FURLONG (LTP-FCB)	6.0	6.7	6.7	6.3	6.0	6.3	6.3	6.4
NP-2	6.0	6.7	6.7	6.3	5.7	7.0	6.0	6.4
SLUGGER 3GL (PPG-PR 343)	5.7	6.3	7.0	6.7	6.0	6.7	6.0	6.4
GATOR FORE (DLFPS-236/3544)	6.0	7.3	6.0	6.3	5.3	6.3	6.3	6.3
PST-2MAY	5.0	6.0	7.0	6.7	5.3	6.7	6.0	6.3
SUPERSTAR GL (PPG-PR 420)	4.7	6.3	7.0	6.7	5.3	6.7	6.0	6.3
DLFPS-236/3540	3.7	6.0	6.7	6.3	5.7	7.0	5.7	6.2
MIGHTIER (DLFPS-236/3542)	5.0	6.3	7.3	6.7	4.7	6.0	6.3	6.2
MYSTIQUE (DLFPS-236/3547)	6.0	6.3	6.3	6.7	5.7	6.0	6.0	6.2
INTENSE	5.3	6.0	6.3	6.0	5.3	7.0	6.3	6.2
PST-2A2	5.3	6.3	6.3	7.0	5.3	6.3	5.7	6.2
ALLOY (RRT)	5.0	6.0	7.3	6.3	4.7	6.0	6.0	6.1
APR2616	5.0	6.0	6.7	6.7	5.0	6.3	5.7	6.1
LPB-SD-102	4.0	6.0	7.3	6.0	5.7	6.0	5.7	6.1
MRSI-PR16	5.7	6.0	6.0	5.3	4.7	8.3	6.0	6.1
NP-3	5.3	6.3	6.0	6.3	5.7	6.3	5.7	6.1
PARADOX GLR (PPG-PR 331)	5.3	6.0	6.7	6.3	5.0	6.3	6.3	6.1
PPG-PR 371	6.0	6.3	6.7	6.3	5.0	6.0	6.0	6.1
PPG-PR 422	6.0	6.7	7.0	5.7	5.0	6.0	6.0	6.1
SPIKE GLS (UF3)	5.7	6.3	6.3	5.3	5.3	6.7	6.3	6.1
STELLAR 4GL (PPG-PR 424)	5.3	6.0	6.3	6.7	6.0	6.0	5.7	6.1
ALLSTAR FORE (DLFPS-236/3541)	5.3	6.3	5.7	5.7	5.3	6.7	6.3	6.0
GRAND SLAM GLD	5.3	6.7	6.7	5.7	4.7	6.3	6.0	6.0
HATRICK (BSP-17)	5.7	6.3	7.3	5.3	5.3	6.0	5.7	6.0
HOMERUN LS (PPG-PR 419)	5.7	6.0	7.0	6.3	4.7	6.0	6.0	6.0
021	6.0	5.7	6.0	6.7	4.7	6.3	6.0	5.9
DLFPS-236/3550	5.0	6.3	7.0	5.7	5.0	6.0	5.7	5.9
DLFPS-236/3553	6.0	6.3	6.0	6.0	5.0	6.7	5.7	5.9
FIESTA CINCO (DLFPS-236/3554)	6.0	6.0	7.0	6.7	5.0	5.7	5.3	5.9
GRAY WOLF (PST-2GAL)	5.3	6.3	6.0	6.0	4.3	6.3	6.3	5.9
KARMA	5.7	6.3	6.7	6.0	5.3	5.7	5.3	5.9
MAN O WAR	4.7	6.0	5.7	6.0	5.3	6.3	6.0	5.9
PARAGON 2 GLR (FP2)	4.7	6.0	6.7	6.0	4.7	6.3	6.0	5.9
PPG-PR 367	5.7	6.3	6.0	5.7	5.3	6.0	6.0	5.9
PR-5-16	5.3	6.0	6.7	5.7	4.7	6.3	6.0	5.9
SILVER SPORT (PST-2CRP)	5.3	6.0	5.7	6.0	6.3	6.0	5.7	5.9
SLIDER LS (PPG-PR 241)	5.7	6.3	6.7	5.0	4.7	7.0	5.7	5.9
SR 4700 (DLFPS-236/3543)	5.3	6.0	6.3	6.0	4.7	6.7	5.7	5.9
UMPQUA	5.0	6.3	6.3	5.7	5.0	6.0	6.0	5.9
CS-6	5.0	6.0	6.7	5.3	4.3	7.0	5.3	5.8
HELIOS (DLFPS-236/3538)	5.3	6.0	6.3	5.7	5.0	6.0	5.7	5.8
ZOOM 2 (DLFPS-236/3545)	5.7	6.7	5.7	6.0	4.3	6.3	5.7	5.8
DLFPS-236/3556	5.3	5.3	6.3	5.7	5.0	6.7	6.0	5.8
GO-141	4.7	6.3	6.3	5.3	4.3	6.7	5.7	5.8
JR-197	5.0	6.7	5.7	6.0	4.7	5.7	6.0	5.8

TABLE 15.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN (DROUGHT), UT 1/  
2020 DATA

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

NAME	QUALITY RATINGS							
	SPRING GREENUP	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
NEXUS GT (SNX)	5.3	6.3	7.0	5.0	4.3	6.3	6.0	5.8
OVERDRIVE 5G	5.3	6.3	6.7	6.0	5.0	5.3	5.7	5.8
PPG-PR 372	5.3	6.7	6.7	5.3	4.0	6.0	6.0	5.8
PR-6-15	5.7	6.0	6.7	6.0	5.0	5.3	6.0	5.8
SAVANT	4.3	5.0	5.7	6.3	6.3	6.0	5.3	5.8
023	5.7	5.7	6.3	6.0	4.7	5.7	6.0	5.7
02BS2	5.7	5.7	6.0	5.7	4.7	6.0	6.0	5.7
APPLE 3GL (PPG-PR 339)	5.7	6.3	6.0	5.3	4.7	5.7	6.0	5.7
ASP0116EXT	6.0	7.0	6.0	5.7	4.7	5.7	5.0	5.7
ASP0117 (A-PR15)	5.7	6.0	5.3	5.3	5.0	7.0	5.3	5.7
BAR LP 6164	5.0	6.0	6.3	5.7	5.0	6.3	5.0	5.7
CPN	6.7	5.3	6.3	5.3	5.3	6.0	6.0	5.7
DLFPS-236/3546	5.3	5.3	6.3	6.3	4.7	5.7	6.0	5.7
FASTBALL 3GL (PPG-PR 329)	6.3	6.0	6.3	5.7	4.3	6.0	6.0	5.7
FIREBALL (BWH)	6.7	6.3	6.7	5.3	4.3	6.0	5.7	5.7
GRAY HAWK (PST-2FIND)	5.0	6.3	6.0	5.7	4.3	6.3	5.3	5.7
IVY (PST-2GTD)	6.0	6.0	6.0	5.0	5.3	6.0	5.7	5.7
LPB-SD-103	4.7	5.0	6.7	5.7	5.7	6.0	5.3	5.7
MRS-PR15	5.7	5.7	6.7	5.3	4.3	6.0	6.0	5.7
PPG-PR 360	5.7	6.0	6.7	5.7	4.7	5.7	5.7	5.7
PST-2FOXY	6.0	6.3	5.7	5.3	5.3	6.3	5.3	5.7
RAD-PR 112	6.3	6.3	6.0	5.0	4.3	6.0	6.3	5.7
SIGNET	5.0	6.0	6.7	5.3	5.0	5.7	5.7	5.7
TEE-ME-UP (BSP-25)	6.0	6.3	6.7	5.0	4.0	6.0	6.0	5.7
ASP0218 (A-6D)	5.7	5.3	6.3	5.7	4.7	6.0	5.3	5.6
DERBY XTREME	5.3	6.3	5.7	5.3	4.7	5.7	6.0	5.6
DLFPS-236/3552	5.7	6.0	6.7	6.0	4.0	5.3	5.7	5.6
GREEN SUPREME+ (AMP-R1)	5.3	6.7	6.0	5.3	3.7	6.3	5.7	5.6
JR-123	5.7	6.0	6.0	5.0	5.0	5.7	6.0	5.6
JR-747	4.0	4.7	6.7	6.3	5.3	5.3	5.0	5.6
LPB-SD-101	5.0	4.7	6.3	6.0	4.7	5.7	6.0	5.6
LPB-SD-104	5.0	4.7	6.7	6.3	6.0	4.7	5.3	5.6
LPB-SD-105	4.0	4.3	7.3	6.7	5.3	5.0	5.0	5.6
MENSA	5.3	4.7	7.0	6.0	5.0	5.0	5.7	5.6
PL2	6.0	7.0	5.0	5.3	4.3	6.3	5.3	5.6
SAGUARO	5.0	5.0	6.0	6.7	5.0	5.3	5.3	5.6
SEABISCUIT	5.0	5.7	6.0	5.3	4.7	6.7	5.3	5.6
ALLSTAR III	5.3	6.0	6.0	4.7	4.3	6.0	6.0	5.5
APR2612	4.7	6.7	5.7	5.7	4.7	6.0	4.3	5.5
PPG-PR 421	6.3	5.7	6.3	4.3	5.0	5.7	6.0	5.5
PST-2BDT	5.3	6.3	6.0	5.3	4.0	5.7	5.7	5.5
02BS1	6.3	5.3	6.0	4.7	4.3	6.3	6.0	5.4
BRIGHTSTAR SLT	5.3	6.0	5.3	5.7	4.3	6.0	5.3	5.4
PEPPER II (RAD-PR 103)	5.7	6.7	6.7	5.3	3.3	5.3	5.3	5.4
PPG-PR 385	5.7	6.0	5.7	5.3	4.0	6.0	5.3	5.4
SR 4650	6.0	6.0	6.0	5.0	4.0	6.0	5.7	5.4
XCELERATOR	5.7	5.7	6.0	5.7	4.7	5.0	5.7	5.4

TABLE 15.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN (DROUGHT), UT 1/  
2020 DATA

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

NAME	SPRING GREENUP	MAY	JUN	QUALITY RATINGS				MEAN
				JUL	AUG	SEP	OCT	
APR3060	5.0	6.0	5.7	5.3	4.3	5.3	5.0	5.3
ASP0118GL (A-4G)	5.3	6.3	5.7	4.3	4.0	5.7	5.7	5.3
BAR LP 6117	5.0	5.7	6.7	5.3	4.3	5.3	4.7	5.3
BELIZE 2 (GO-142)	6.0	5.7	5.7	5.3	3.7	6.0	5.3	5.3
DLFPS-236/3548	6.0	6.0	4.3	6.0	5.3	5.0	5.3	5.3
JR-888	5.0	5.0	6.3	5.3	5.0	5.0	5.3	5.3
PHARAOH	6.3	5.3	6.0	5.0	4.0	5.7	6.0	5.3
PST-2PDA	5.3	5.3	5.3	5.3	4.3	5.7	5.0	5.2
SHIELD (02BS4)	6.0	5.0	6.0	5.7	3.7	5.0	5.7	5.2
PST-2EGAD	5.7	5.7	5.3	4.7	3.7	5.7	5.7	5.1
BAR LP 6131	5.3	5.0	5.7	4.7	4.0	5.3	4.7	4.9
BAR LP 6158	5.0	5.0	5.7	5.0	3.7	5.7	4.3	4.9
DLFPS-238/3014	4.7	5.0	5.0	4.7	4.7	5.0	5.0	4.9
EVOLVE	6.0	5.3	5.3	5.0	3.7	5.3	5.0	4.9
BAR LP 6159	4.7	5.7	6.0	4.0	3.3	5.3	4.7	4.8
BAR LP 6162	4.3	4.7	5.3	5.0	4.3	5.3	4.3	4.8
BAR LP 6233	4.7	5.0	5.0	4.3	4.0	5.3	4.7	4.7
BAR LP 6165	3.7	4.3	4.7	4.0	3.0	3.7	3.7	3.9
CAYMAN (GO-143)	3.0	5.7	3.7	3.3	2.7	3.7	3.3	3.7
LINN	2.0	2.0	2.7	2.7	2.3	3.0	3.0	2.6
LSD VALUE	2.1	1.0	2.0	1.6	1.6	1.5	1.2	0.7
C.V. (%)	17.2	10.2	15.1	14.8	17.7	13.3	11.4	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 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
2020 DATA

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

NAME	PERCENT GROUND COVER			QUALITY RATINGS					MEAN
	SPRING	MAY	JUN	JUL	AUG	SEP	OCT		
ZOOM 2 (DLFPS-236/3545)	99.0	6.0	8.3	7.7	8.3	8.7	9.0	8.0	
PR-5-16	99.0	5.7	8.0	8.3	8.7	8.7	8.3	7.9	
DLFPS-236/3556	96.0	6.3	7.3	7.3	8.7	8.7	8.3	7.8	
SILVER SPORT (PST-2CRP)	99.0	6.7	7.3	7.0	8.0	8.7	9.0	7.8	
APR3060	99.0	5.7	7.7	7.3	8.0	8.3	9.0	7.7	
BAR LP 6165	99.0	5.3	8.3	7.7	8.0	8.7	8.0	7.7	
MYSTIQUE (DLFPS-236/3547)	99.0	6.7	7.7	7.7	6.7	8.7	9.0	7.7	
BAR LP 6233	99.0	4.3	8.7	7.3	8.3	8.7	8.0	7.6	
SLUGGER 3GL (PPG-PR 343)	99.0	5.7	7.7	7.3	8.3	7.3	9.0	7.6	
ALLOY (RRT)	92.7	5.3	7.7	7.0	8.0	8.7	8.3	7.5	
APR2616	99.0	6.3	8.0	7.0	7.0	8.0	8.7	7.5	
ASP0218 (A-6D)	96.0	5.3	7.0	7.3	8.0	8.7	8.7	7.5	
GRAND SLAM GLD	99.0	5.7	7.3	7.7	7.0	9.0	8.3	7.5	
PPG-PR 372	99.0	5.7	8.0	6.3	7.7	8.7	8.7	7.5	
ASP0117 (A-PR15)	99.0	5.7	7.0	7.0	7.3	8.7	9.0	7.4	
HELIOS (DLFPS-236/3538)	96.0	5.7	7.0	8.3	7.7	8.0	8.0	7.4	
GATOR FORE (DLFPS-236/3544)	99.0	5.7	7.0	7.7	6.3	9.0	9.0	7.4	
EVOLVE	99.0	5.0	7.0	7.3	8.0	8.7	8.7	7.4	
GRAY WOLF (PST-2GAL)	99.0	6.0	7.7	6.0	7.3	8.7	9.0	7.4	
PPG-PR 421	92.7	5.7	8.3	7.3	6.7	7.7	8.7	7.4	
HOMERUN LS (PPG-PR 419)	96.0	5.7	7.3	7.0	7.0	7.7	9.0	7.3	
NP-3	99.0	5.3	7.3	7.3	7.7	8.0	8.0	7.3	
PL2	99.0	5.3	7.0	6.7	7.3	8.7	9.0	7.3	
PPG-PR 371	99.0	5.3	7.3	7.3	7.0	8.0	9.0	7.3	
UMPQUA	99.0	6.3	7.3	8.0	6.3	7.3	8.7	7.3	
XCELERATOR	96.0	5.7	7.3	7.3	7.3	7.3	9.0	7.3	
021	99.0	5.7	7.0	7.0	6.7	8.0	8.7	7.2	
BAR LP 6117	94.3	6.0	7.0	7.3	7.3	7.7	8.0	7.2	
BAR LP 6131	96.0	5.3	6.7	6.3	8.3	8.0	8.7	7.2	
BAR LP 6158	99.0	5.3	6.7	7.0	7.3	8.3	8.7	7.2	
BAR LP 6164	99.0	6.0	7.3	7.0	6.7	8.0	8.3	7.2	
FURLONG (LTP-FCB)	99.0	5.0	7.7	7.7	6.7	7.7	8.3	7.2	
HATRICK (BSP-17)	99.0	5.3	7.7	7.0	6.7	7.3	9.0	7.2	
PST-2FOXY	99.0	5.3	6.7	6.7	7.3	8.3	8.7	7.2	
SIGNET	99.0	5.7	7.7	6.3	6.3	8.3	8.7	7.2	
SPIKE GLS (UF3)	94.3	5.3	6.3	7.3	7.3	9.0	8.0	7.2	
CS-6	94.3	5.7	6.7	7.0	7.3	7.7	8.3	7.1	
DLFPS-236/3550	99.0	5.7	7.0	7.0	6.3	8.0	8.7	7.1	
IVY (PST-2GTD)	99.0	5.0	8.0	6.7	6.7	8.0	8.0	7.1	
PARAGON 2 GLR (FP2)	96.0	5.7	6.7	7.3	6.7	7.7	8.7	7.1	
PEPPER II (RAD-PR 103)	99.0	6.0	7.0	6.3	7.0	7.7	8.3	7.1	
PPG-PR 367	99.0	6.0	8.3	6.7	7.0	7.0	7.7	7.1	
PR-6-15	99.0	6.0	6.7	6.3	7.3	8.0	8.0	7.1	
SR 4700 (DLFPS-236/3543)	99.0	5.3	7.3	7.0	6.3	7.7	8.7	7.1	
STELLAR 4GL (PPG-PR 424)	96.0	5.0	7.3	7.7	6.7	7.3	8.3	7.1	
GREEN SUPREME+ (AMP-R1)	99.0	6.0	6.7	7.0	6.3	7.7	8.3	7.0	
INTENSE	99.0	5.0	6.7	6.7	7.0	8.0	8.7	7.0	

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
2020 DATA

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

NAME	PERCENT GROUND COVER		QUALITY RATINGS						MEAN
	SPRING	MAY	JUN	JUL	AUG	SEP	OCT		
JR-197	94.7	6.3	6.7	7.0	6.3	7.3	8.3	7.0	
NP-2	99.0	5.0	7.0	6.7	7.0	8.0	8.3	7.0	
SHIELD (02BS4)	93.0	5.0	7.7	6.7	7.3	7.3	8.0	7.0	
02BS2	94.3	5.3	6.7	6.0	7.3	8.0	8.3	6.9	
ALLSTAR FORE (DLFPS-236/3541)	94.3	5.0	7.3	7.0	6.7	7.0	8.3	6.9	
BAR LP 6159	92.7	5.0	6.7	7.0	7.0	8.0	8.0	6.9	
BAR LP 6162	99.0	5.3	6.3	7.3	6.7	7.3	8.3	6.9	
DLFPS-236/3548	94.3	6.0	6.7	6.7	6.0	7.7	8.3	6.9	
FASTBALL 3GL (PPG-PR 329)	99.0	5.7	7.0	6.7	7.0	7.0	8.3	6.9	
FIESTA CINCO (DLFPS-236/3554)	99.0	5.7	7.3	6.7	7.7	6.7	7.7	6.9	
PPG-PR 385	96.0	5.7	7.3	7.0	6.7	6.3	8.7	6.9	
SUPERSTAR GL (PPG-PR 420)	99.0	6.0	8.0	6.3	6.0	6.7	8.3	6.9	
TEE-ME-UP (BSP-25)	99.0	4.7	7.0	6.0	7.3	8.0	8.3	6.9	
CPN	99.0	6.0	7.7	6.3	5.3	6.7	8.7	6.8	
DLFPS-236/3552	94.3	5.7	7.3	6.0	7.3	7.0	7.7	6.8	
JR-747	94.3	5.3	7.0	6.7	6.3	7.3	8.0	6.8	
PPG-PR 360	92.7	5.7	6.7	6.7	5.7	7.7	8.3	6.8	
PST-2EGAD	96.0	5.3	6.3	5.7	6.7	8.3	8.3	6.8	
023	99.0	6.3	6.7	6.3	7.0	6.7	7.3	6.7	
ASP0116EXT	96.0	5.0	5.7	7.0	6.3	7.7	8.3	6.7	
ASP0118GL (A-4G)	99.0	5.7	6.0	6.7	6.3	8.3	7.3	6.7	
DLFPS-238/3014	99.0	5.3	7.0	5.3	6.7	7.0	9.0	6.7	
NEXUS GT (SNX)	93.0	5.7	6.3	6.3	6.7	7.3	8.0	6.7	
PPG-PR 422	99.0	5.3	7.3	7.0	5.7	7.0	8.0	6.7	
PST-2MAY	96.0	6.0	6.7	6.3	6.0	7.3	8.0	6.7	
02BS1	99.0	5.3	8.0	5.7	5.3	7.0	8.0	6.6	
APPLE 3GL (PPG-PR 339)	96.0	5.7	7.3	6.0	5.7	6.7	8.0	6.6	
CAYMAN (GO-143)	96.0	4.7	7.0	6.3	6.3	7.7	7.7	6.6	
GO-141	99.0	5.7	7.0	6.0	6.0	7.0	7.7	6.6	
MRS�-PR16	96.0	5.3	6.7	5.7	6.3	7.3	8.3	6.6	
PPG-PR 370	99.0	6.0	7.7	6.7	5.7	6.0	7.3	6.6	
APR2612	99.0	5.3	7.3	5.7	5.7	7.0	7.7	6.4	
DLFPS-236/3540	89.7	5.0	6.0	6.3	5.7	7.3	8.3	6.4	
MIGHTIER (DLFPS-236/3542)	89.7	4.3	7.0	6.0	5.7	7.3	8.3	6.4	
JR-888	99.0	4.7	6.3	6.7	6.0	6.3	8.7	6.4	
MRS�-PR15	92.7	4.7	6.3	5.7	6.7	7.7	7.3	6.4	
PST-2BDT	96.0	5.0	7.3	5.3	6.0	7.7	7.3	6.4	
SLIDER LS (PPG-PR 241)	94.3	4.7	7.7	7.3	5.3	6.7	6.7	6.4	
DLFPS-236/3546	93.0	4.7	7.0	6.0	6.0	6.7	7.7	6.3	
GRAY HAWK (PST-2FIND)	96.0	4.3	6.0	5.3	6.0	7.7	8.7	6.3	
OVERDRIVE 5G	94.3	5.0	7.3	6.3	5.3	6.3	7.7	6.3	
PHARAOH	99.0	5.3	6.3	6.3	5.7	6.0	8.0	6.3	
PST-2PDA	96.0	5.0	6.0	6.3	5.0	7.3	8.3	6.3	
SEABISCUIT	99.0	5.7	6.7	6.3	5.0	6.7	7.3	6.3	
DLFPS-236/3553	94.3	5.0	5.3	5.3	6.0	7.0	8.3	6.2	
JR-123	96.0	5.0	6.3	5.7	5.7	7.0	7.7	6.2	
LPB-SD-102	99.0	4.7	5.3	5.7	5.7	7.3	8.3	6.2	

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
(CONT'D) 2016 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
2020 DATA

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

NAME	PERCENT GROUND COVER		QUALITY RATINGS						MEAN
	SPRING	MAY	JUN	JUL	AUG	SEP	OCT		
PPG-PR 423	93.0	5.7	6.7	6.7	4.3	6.0	8.0	6.2	
RAD-PR 112	96.0	5.7	6.7	6.0	5.0	6.3	7.3	6.2	
KARMA	99.0	5.0	5.7	6.3	5.3	7.0	7.3	6.1	
PST-2A2	94.3	5.7	5.7	5.0	5.3	6.3	8.3	6.1	
SR 4650	99.0	5.7	5.7	5.3	4.7	7.0	8.3	6.1	
FIREBALL (BWH)	99.0	4.7	6.0	5.3	4.7	7.0	8.0	5.9	
LPB-SD-101	99.0	5.3	5.7	6.0	5.7	6.3	6.7	5.9	
LPB-SD-105	94.3	4.3	5.3	5.7	6.0	7.0	7.0	5.9	
PARADOX GLR (PPG-PR 331)	88.0	4.0	5.7	6.3	6.0	6.7	7.0	5.9	
BELIZE 2 (GO-142)	96.0	5.3	5.3	5.3	5.0	6.0	7.3	5.7	
LPB-SD-103	96.0	4.0	5.3	5.0	6.0	6.0	7.7	5.7	
SAGUARO	96.0	4.3	5.3	5.7	4.7	6.3	6.7	5.5	
MAN O WAR	96.0	6.0	5.3	4.7	4.0	5.3	6.3	5.3	
DERBY XTREME	85.0	4.3	5.0	5.0	4.3	5.3	6.3	5.1	
LPB-SD-104	92.7	4.7	4.7	5.0	4.3	5.0	7.0	5.1	
MENSA	99.0	4.7	5.3	5.0	4.7	4.3	6.7	5.1	
BRIGHTSTAR SLT	86.3	3.3	5.0	4.7	4.3	5.3	7.0	4.9	
LINN	85.0	3.5	6.0	4.0	4.5	6.0	5.5	4.9	
SAVANT	88.0	4.0	4.3	5.0	4.3	4.7	7.0	4.9	
ALLSTAR III	91.3	4.7	4.7	4.0	4.0	5.0	6.7	4.8	
LSD VALUE	15.5	3.2	2.5	3.4	4.1	3.5	3.0	1.9	
C.V. (%)	5.1	17.9	16.9	19.2	24.3	18.8	12.7	13.2	

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

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

TABLE 17.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DLFPS-236/3556	4.3	5.7	5.3	4.0	5.3	5.7	5.7	5.3	5.2
NP-3	4.3	6.0	5.7	4.7	5.3	5.3	5.0	5.3	5.2
BAR LP 6233	3.7	5.0	5.3	4.7	6.0	5.3	5.3	5.3	5.1
02BS2	4.0	5.7	5.0	4.0	5.3	5.0	6.0	5.3	5.0
SUPERSTAR GL (PPG-PR 420)	3.3	5.3	5.3	4.0	5.7	5.0	5.0	6.0	5.0
JR-197	4.0	6.0	5.7	4.0	4.3	5.0	5.0	5.3	4.9
PPG-PR 421	4.0	4.7	5.7	4.7	5.3	4.7	5.0	5.3	4.9
MYSTIQUE (DLFPS-236/3547)	3.3	4.3	5.0	4.0	5.3	5.3	5.0	5.7	4.8
PPG-PR 367	3.0	5.0	5.3	4.3	5.3	5.0	4.7	5.3	4.8
SLIDER LS (PPG-PR 241)	3.7	5.0	5.0	4.3	5.3	5.0	5.0	5.0	4.8
BAR LP 6165	3.0	4.0	4.3	4.7	5.7	5.0	5.3	5.3	4.7
ZOOM 2 (DLFPS-236/3545)	3.7	5.7	5.3	4.0	4.3	4.7	5.3	4.7	4.7
FIESTA CINCO (DLFPS-236/3554)	3.7	5.0	5.0	4.3	5.0	5.0	4.3	5.3	4.7
PPG-PR 423	3.3	4.7	5.7	4.7	5.0	4.0	5.0	5.0	4.7
DLFPS-238/3014	3.0	4.3	5.3	4.7	5.0	5.0	4.7	5.0	4.6
SAGUARO	3.7	4.7	5.0	4.7	5.0	4.3	5.0	4.7	4.6
021	3.3	5.3	5.3	4.0	4.7	4.0	4.7	4.7	4.5
APR3060	3.0	5.0	4.7	3.7	5.0	4.7	5.0	4.7	4.5
ASP0117 (A-PR15)	3.7	5.3	5.0	4.3	4.7	4.0	4.3	4.3	4.5
DLFPS-236/3548	3.3	4.3	5.0	4.3	5.0	4.7	4.3	4.7	4.5
DLFPS-236/3553	3.0	4.3	5.3	4.0	4.7	5.0	5.0	5.0	4.5
FASTBALL 3GL (PPG-PR 329)	3.7	5.7	5.0	4.0	4.7	4.3	4.7	4.3	4.5
NP-2	4.0	5.7	4.7	4.0	4.3	4.7	4.0	4.3	4.5
PL2	3.3	5.0	5.0	4.0	4.7	4.7	4.7	4.7	4.5
PPG-PR 385	3.3	4.7	4.7	4.3	5.0	4.3	4.3	5.0	4.5
PST-2A2	3.3	4.7	5.0	4.3	4.7	4.3	4.7	4.7	4.5
SR 4700 (DLFPS-236/3543)	3.7	4.7	5.0	4.0	5.3	4.0	4.7	5.0	4.5
023	3.0	5.0	5.3	4.0	4.7	4.3	4.3	4.7	4.4
HELIOS (DLFPS-236/3538)	3.3	5.0	4.7	4.0	5.0	3.7	4.3	5.0	4.4
GATOR FORE (DLFPS-236/3544)	3.3	4.7	5.3	3.7	4.7	4.3	4.3	4.7	4.4
DLFPS-236/3546	3.7	5.3	5.0	3.7	4.0	4.7	4.3	4.3	4.4
LPB-SD-103	3.3	4.7	5.3	4.3	5.0	3.7	4.3	4.3	4.4
OVERDRIVE 5G	3.0	5.0	5.3	4.0	4.3	4.3	4.7	4.3	4.4
STELLAR 4GL (PPG-PR 424)	3.3	4.0	5.3	4.3	4.7	4.3	4.7	4.7	4.4
XCELERATOR	3.3	4.7	4.3	4.0	5.0	5.0	4.7	4.3	4.4
ALLSTAR FORE (DLFPS-236/3541)	3.3	4.3	4.7	4.3	4.7	4.0	4.7	4.7	4.3
BAR LP 6131	2.7	4.0	5.0	4.0	4.3	4.7	5.0	5.0	4.3
HOMERUN LS (PPG-PR 419)	3.0	4.0	4.7	4.7	4.3	4.3	4.3	4.7	4.3
IVY (PST-2GTD)	3.7	5.0	5.0	4.3	4.3	3.7	4.3	4.3	4.3
KARMA	2.7	5.0	5.0	4.3	4.3	4.0	4.3	4.3	4.3
PARADOX GLR (PPG-PR 331)	3.7	4.7	4.3	4.0	4.3	4.3	4.3	4.7	4.3
PST-2PDA	3.3	4.3	4.7	4.0	4.3	4.3	4.7	4.3	4.3
SILVER SPORT (PST-2CRP)	3.7	5.3	5.0	3.7	4.3	4.3	4.0	4.0	4.3
ALLOY (RRT)	3.0	4.7	4.7	4.3	4.7	3.7	4.0	4.3	4.2
ASP0218 (A-6D)	3.3	4.7	4.7	4.0	4.0	4.0	4.0	4.7	4.2
CS-6	2.7	4.3	4.3	4.0	5.0	4.3	4.3	4.7	4.2
INTENSE	3.3	4.3	4.7	4.0	4.0	4.0	4.3	4.7	4.2

TABLE 17.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
2020 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
MAN O WAR	3.0	4.3	4.7	4.0	4.7	4.0	4.3	4.7	4.2
PPG-PR 360	3.0	4.3	4.7	4.0	4.3	4.3	4.3	4.3	4.2
PPG-PR 422	3.3	4.3	5.0	4.0	4.0	4.0	4.3	4.7	4.2
SAVANT	3.0	4.7	5.0	4.0	4.7	4.0	4.3	4.0	4.2
UMPQUA	3.3	5.0	5.3	3.7	4.3	3.7	4.0	4.3	4.2
02BS1	3.0	5.0	4.3	3.7	4.3	3.3	4.7	4.7	4.1
FURLONG (LTP-FCB)	3.0	4.3	4.7	3.7	4.7	4.3	4.3	3.7	4.1
PARAGON 2 GLR (FP2)	2.7	4.7	4.7	4.0	4.3	3.7	4.0	4.7	4.1
PR-5-16	3.3	4.3	4.7	3.7	4.3	4.0	4.3	4.3	4.1
PST-2EGAD	3.3	4.7	4.0	4.0	4.3	4.0	4.3	4.3	4.1
SPIKE GLS (UF3)	3.3	4.0	4.7	4.0	4.7	3.7	4.0	4.3	4.1
APR2612	3.0	4.0	4.7	4.0	4.3	3.7	4.0	4.0	4.0
APR2616	2.7	4.3	4.3	4.0	4.3	3.7	4.7	4.3	4.0
CPN	2.7	4.0	4.3	4.0	4.7	3.7	4.0	4.7	4.0
EVOLVE	3.0	4.7	4.7	4.0	4.0	3.7	4.0	4.3	4.0
GRAY WOLF (PST-2GAL)	3.0	4.0	4.0	3.7	4.0	4.0	4.7	4.7	4.0
LPB-SD-101	2.7	4.7	4.3	3.3	5.0	3.7	4.3	4.0	4.0
MRSI-PR16	3.0	4.3	4.7	4.0	4.3	3.7	4.0	4.0	4.0
PHARAOH	3.3	4.3	4.3	3.7	4.0	3.7	4.0	4.3	4.0
PPG-PR 370	3.0	4.0	4.3	3.7	4.3	4.0	4.0	4.3	4.0
PPG-PR 372	2.7	3.7	4.3	4.3	4.3	4.0	4.3	4.0	4.0
PR-6-15	2.7	4.0	5.0	4.3	4.3	3.7	4.0	4.0	4.0
PST-2BDT	3.3	4.0	4.7	4.0	4.0	4.0	4.3	4.0	4.0
SIGNET	3.0	4.0	5.0	3.7	4.7	3.7	4.0	4.0	4.0
BAR LP 6164	3.0	4.3	4.3	4.0	4.0	3.7	4.0	4.0	3.9
DLFPS-236/3540	2.7	4.7	4.3	3.7	4.3	3.3	4.0	4.0	3.9
GO-141	3.0	4.7	4.0	4.0	4.0	3.7	4.0	4.0	3.9
PPG-PR 371	3.0	4.0	4.0	4.0	4.7	3.7	3.7	4.0	3.9
PST-2FOXY	2.7	4.0	4.0	3.7	4.3	4.3	4.0	4.0	3.9
APPLE 3GL (PPG-PR 339)	3.0	4.7	4.0	3.7	4.0	3.0	3.7	4.3	3.8
DERBY XTREME	2.7	3.7	5.0	3.7	4.0	4.0	3.7	4.0	3.8
MIGHTIER (DLFPS-236/3542)	3.0	4.0	4.7	3.3	4.3	3.3	3.7	3.7	3.8
DLFPS-236/3552	3.0	4.3	4.0	4.0	4.3	3.0	3.3	4.0	3.8
SEABISCUIT	3.3	4.3	4.0	3.7	4.0	3.3	3.7	4.0	3.8
TEE-ME-UP (BSP-25)	3.0	3.7	4.3	3.3	4.0	3.7	4.3	4.0	3.8
BAR LP 6158	2.7	3.7	4.3	3.7	4.0	3.7	3.7	4.0	3.7
GRAY HAWK (PST-2FIND)	2.7	3.7	4.0	3.7	4.0	3.3	3.7	4.3	3.7
JR-888	2.3	4.3	4.3	3.7	4.3	3.3	3.7	3.7	3.7
PST-2MAY	3.0	4.0	4.3	3.7	4.0	2.7	3.7	4.0	3.7
SHIELD (02BS4)	3.3	4.0	3.7	3.7	4.3	3.0	4.0	3.7	3.7
SR 4650	3.0	4.0	4.3	4.0	4.0	3.0	3.7	3.7	3.7
BAR LP 6159	2.3	3.7	4.0	3.7	4.7	3.3	3.3	3.7	3.6
BELIZE 2 (GO-142)	2.7	3.7	4.0	3.7	4.3	3.0	3.7	3.7	3.6
BRIGHTSTAR SLT	3.0	3.7	4.3	3.7	4.0	3.0	3.7	3.3	3.6
HATRICK (BSP-17)	3.0	4.0	4.0	3.7	4.0	3.3	3.3	3.3	3.6
DLFPS-236/3550	2.7	4.0	3.7	4.0	4.0	3.0	3.3	3.3	3.5
FIREBALL (BWH)	2.7	3.3	4.0	3.7	3.3	3.3	3.7	3.7	3.5

TABLE 17.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2016 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
2020 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
GRAND SLAM GLD	2.7	3.7	3.3	3.3	3.7	3.3	4.0	4.0	3.5
MRSI-PR15	2.7	4.0	3.7	3.3	3.3	3.3	4.0	4.0	3.5
NEXUS GT (SNX)	2.3	4.0	4.3	3.3	4.0	3.0	3.3	3.3	3.5
PEPPER II (RAD-PR 103)	2.7	4.3	3.3	3.3	3.7	3.0	4.3	3.7	3.5
GREEN SUPREME+ (AMP-R1)	2.3	4.0	3.3	3.3	3.3	3.3	4.0	3.3	3.4
MENSA	2.7	4.0	3.7	3.3	3.7	3.0	3.3	3.7	3.4
ALLSTAR III	2.0	4.0	4.0	3.3	3.7	3.0	3.3	3.3	3.3
BAR LP 6117	2.0	3.7	3.3	3.3	4.0	3.0	3.7	3.7	3.3
JR-123	2.3	3.0	4.0	3.7	4.0	2.7	3.3	3.7	3.3
ASP0116EXT	2.0	3.7	3.7	3.3	3.7	3.0	3.0	3.3	3.2
ASP0118GL (A-4G)	2.3	4.0	3.3	3.3	3.7	2.7	2.7	3.7	3.2
LPB-SD-105	2.0	3.7	3.7	3.0	3.3	3.0	3.7	3.3	3.2
CAYMAN (GO-143)	2.7	3.3	3.3	3.3	3.0	2.7	3.0	3.3	3.1
LPB-SD-104	2.0	3.0	3.3	2.3	3.3	3.0	3.3	3.3	3.0
LPB-SD-102	1.7	3.3	4.0	3.0	3.3	2.3	3.0	2.7	2.9
RAD-PR 112	2.3	3.7	3.3	3.0	3.0	2.3	3.0	2.7	2.9
SLUGGER 3GL (PPG-PR 343)	2.3	3.0	3.7	3.0	2.7	2.7	3.0	3.0	2.9
BAR LP 6162	2.0	2.7	3.0	3.3	3.3	2.3	3.0	3.0	2.8
JR-747	1.7	2.7	3.3	3.0	3.0	2.7	3.0	3.0	2.8
LINN	2.0	2.3	2.3	3.0	3.0	2.0	2.3	2.7	2.5
LSD VALUE	1.2	2.5	1.7	1.7	1.6	1.4	1.6	1.5	1.1
C.V. (%)	20.8	22.5	18.5	16.2	17.8	20.9	18.9	18.6	15.2

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

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