

## **NATIONAL TURFGRASS EVALUATION PROGRAM**

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

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## **A Guide to NTEP Turfgrass Ratings**

### **Introduction**

The quality and scientific merit of NTEP data is extremely important. However, the evaluation of turfgrass species and cultivars is a difficult and complex issue. Furthermore, turfgrass evaluation is generally a subjective process based on visual estimates of factors, like genetic color, stand density, leaf texture, uniformity and quality. These factors can not be measured in the same way as other agricultural crops. Turfgrass quality is not a measure of yield or nutritive value. Turfgrass quality is a measure of aesthetics (i.e. density, uniformity, texture, smoothness, growth habit and color), and functional use. The most common way of assessing turfgrass quality is a visual rating system that is based on the turfgrass evaluator's judgement.

### **General Considerations**

Most visual ratings collected on NTEP trials are based on a 1 to 9 rating scale. One is the poorest or lowest and 9 is the best or highest rating. However, a few characteristics, such as winter kill or percent living ground cover, are rated on a percentage basis, again by using the evaluator's judgement. Most disease ratings found in NTEP reports will use the 1-9 scale, 9=no disease except where the evaluator made a judgement of the percentage of disease in each plot. Percent disease data will be found in separate tables and will normally not be included with disease data using the 1-9 scale.

### **Turfgrass Quality**

Turfgrass Quality is based on 9 being outstanding or ideal turf and 1 being poorest or dead. A rating of 6 or above is generally considered acceptable. A quality rating value of 9 is reserved for a perfect or ideal grass, but it also can reflect an absolutely outstanding treatment plot. The NTEP requires quality ratings on a monthly basis. Quality ratings take into account the aesthetic and functional aspects of the turf. Quality ratings are not based on color alone, but on a combination of color, density, uniformity, texture, and disease or environmental stress.

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2001 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

### **Other Ratings**

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

**2014 NATIONAL FINELEAF FESCUE TEST  
LOCATIONS SUBMITTING DATA FOR 2015**

State	Location	Code
California	Riverside (No Mowing)	CA3
California	San Francisco (California Golf Club)	CA5
Connecticut	Storrs	CT1
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette (Fairway Mowing)	IN1
Massachusetts	Amherst (Traffic Study)	MA1
Maryland	College Park	MD1
Michigan	East Lansing	MI1
Michigan	East Lansing	MI2
Minnesota	St. Paul	MN1
Minnesota	St. Paul	MN2
Missouri	Columbia	MO1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
North Carolina	Raleigh	NC1
North Dakota	Fargo	ND1
Oregon	Corvallis	OR1
Quebec	Quebec City	QE1
Washington	Pullman	WA1

**2014 NATIONAL FINELEAF FESCUE TEST  
Entries and Sponsors**

<b>Entry No</b>	<b>Name</b>	<b>Species</b>	<b>Sponsor</b>
1	Minimus	Hard Fescue	Landmark Turf & Native Seed
*2	Marvel	Strong Creeping Red	Landmark Turf & Native Seed
3	7C34	Strong Creeping Red	Brett Young Seeds Ltd
4	DLFPS-FL/3066	Hard Fescue	DLF Pickseed USA
5	DLFPS-FRC/3060	Chewings Fescue	DLF Pickseed USA
6	DLFPS-FL/3060	Hard Fescue	DLF Pickseed USA
7	DLFPS-FRR/3069	Strong Creeping Red	DLF Pickseed USA
8	MNHD-14	Hard Fescue	University of Minnesota
9	DLFPS-FRR/3068	Strong Creeping Red	DLF Pickseed USA
*10	Quatro	Sheep Fescue	Standard
*11	Boreal	Strong Creeping Red	Standard
*12	Gladiator (TH456)	Hard Fescue	Columbia River Seed
13	Resolute (7H7)	Hard Fescue	SiteOne Landscape Supply
*14	Sword	Hard Fescue	Columbia River Seed
*15	Seabreeze GT	Slender Creeping Red	Standard
*16	Radar	Chewings Fescue	Standard
*17	Beacon	Hard Fescue	Standard
*18	Navigator II	Strong Creeping Red	Standard
19	Jetty (PPG-FL 106)	Hard Fescue	Mountain View Seeds
20	PPG-FRC 114	Chewings Fescue	The Scotts Company
21	PPG-FRT 101	Slender Creeping Red	Mountain View Seeds
22	PPG-FRR 111	Strong Creeping Red	Mountain View Seeds
23	PPG-FRC 113	Chewings Fescue	Mountain View Seeds
*24	Kent	Strong Creeping Red	Columbia Seeds
25	RAD-FC32	Chewings Fescue	Columbia Seeds
26	BAR FRT 5002	Slender Creeping Red	Barenburg USA
27	BAR VV-VP3-CT	Chewings Fescue	Barenburg USA
28	BAR 6FR 126	Chewings Fescue	Barenburg USA
29	C14-OS3	Strong Creeping Red	The Scotts Company
30	RAD-FR33R	Strong Creeping Red	Brett Young Seed LTD
*31	RAD-FC44	Chewings Fescue	Bailey Seed Company
*32	RAD-FR47	Creeping Red Fescue	Bailey Seed Company
33	PST-4DR4	Creeping Red Fescue	Pure Seed Testing Inc.
34	PST-4RUE	Creeping Red Fescue	Pure Seed Testing Inc.
35	PST-4BEN	Creeping Red Fescue	Pure Seed Testing Inc.
36	PST-4BND	Hard Fescue	Pure Seed Testing Inc.
37	PST-4ED4	Creeping Red Fescue	Pure Seed Testing Inc.
38	DLFPS-FRC/3057	Chewings Fescue	DLF Pickseed USA
*39	Cascade	Chewings Fescue	Standard
40	DLF-FRC 3338	Chewings Fescue	DLF Pickseed USA
41	DLF-FRR 6162	Creeping Red Fescue	DLF Pickseed USA
*42	Beudin	Hard Fescue	DLF Pickseed USA

\* Commercially Available in the USA in 2016

TABLE A.

2015 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2014 NATIONAL FINELEAF FESCUE TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
CA3	SANDY LOAM	7.1-7.5	61-150	151-240	1.1-2.0	FULL SUN	4.1+	TO PREVENT STRESS
CA5	SANDY LOAM	6.6-7.0	61-150	151-240	1.1-2.0	PARTIAL SHADE	0.0-0.5	ONLY DURING SEVERE STRESS
CT1	SANDY LOAM	5.6-6.0	0-60	0-150	-	FULL SUN	0.0-0.5	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	NO IRRIGATION
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	241-375	1.1-2.0	UNIFORM SHADE	2.1-2.5	NO IRRIGATION
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	151-240	2.1-3.0	FULL SUN	0.0-0.5	ONLY DURING SEVERE STRESS
MA1	LOAM	5.6-6.0	0-60	241-375	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	0.0-1.0	FULL SUN	3.1-3.5	ONLY DURING SEVERE STRESS
MI1	-	-	-	-	-	-	-	-
MI2	-	-	-	-	-	-	-	-
MN1	SILTY CLAY LOAM	6.6-7.0	151-270	0-150	1.1-2.0	FULL SUN	0.0-0.5	NO IRRIGATION
MN2	SILTY CLAY LOAM	6.6-7.0	151-270	0-150	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	376-500	0.0-1.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
NC1	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
ND1	SILTY CLAY AND CLAY	7.1-7.5	0-60	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NJ1	LOAM	6.1-6.5	151-270	241-375	0.0-1.0	PARTIAL SHADE	2.1-2.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.6-7.0	271-450	241-375	1.1-2.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
OR1	SILTY CLAY LOAM	5.6-6.0	61-150	501+	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
WA1	SILT LOAM AND SILT	5.6-6.0	451+	501+	0.0-1.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 2015

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X		
CA5	X	X	X	X	X	X	X	X	X	X	X	X	X		
CT1					X	X	X	X	X	X			X	X	
IL1				X	X	X	X	X	X	X			X		
IL2				X	X	X	X	X	X	X	X			X	
IN1					X	X	X	X	X	X	X		X		
MA1								X	X	X	X				
MD1						X	X	X	X	X	X	X			
MI1					X	X	X	X	X	X			X	X	
MI2				X	X	X	X	X	X	X					
MN1					X	X	X	X	X	X			X		
MN2					X	X	X	X	X	X			X		
MO1			X	X	X	X	X	X	X	X			X		
NC1	X	X	X	X	X	X	X	X	X	X	X		X	X	X
ND1					X	X	X	X	X	X				X	
NJ1				X	X	X	X	X	X	X			X	X	
NJ2				X	X	X	X	X	X	X			X		
OR1	X	X	X	X	X	X	X	X	X	X	X	X	X		
QE1					X	X	X	X	X	X			X	X	
WA1						X	X	X	X	X			X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2015

LOCATION	SEEDLVIG	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	LEAF SPOT	DOLLAR SPOT	RED THREAD	PYTHIUM BLIGHT	PINK SNOW MOLD
CA3	X	X	X								X		
CA5	X		X										X
CT1													
IL1							X						
IL2	X					X	X						
IN1			X										
MA1												X	
MD1	X												
MI1													
MI2													
MN1										X			
MN2													
MO1	X				X	X	X		X		X		
NC1	X	X	X	X	X	X	X	X		X			
ND1		X	X	X	X	X	X						
NJ1	X												
NJ2	X								X				
OR1	X						X		X				
QE1						X							
WA1	X						X						

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2015

LOCATION	FALL COLOR DECEMBER	PERCENT ESTABLISH- MENT	MELTINT- OUT RATINGS	GROWTH VIGOR RATINGS	MESOTRIONE INJURY	WEAR TOLERANCE			PERCENT ESTABLISHMENT			
						AUG	SEP	OCT	NOVEMBER	DECEMBER	JANUARY	
CA3												
CA5	X											
CT1		X										
IL1		X										
IL2												
IN1												
MA1		X					X	X	X			
MD1	X											
MI1		X										
MI2		X										
MN1		X										
MN2		X										
MO1		X	X									
NC1										X	X	X
ND1												
NJ1					X							
NJ2												
OR1												
QE1												
WA1												

TABLE 1A. TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 1 \*\*/  
 2015 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CT1	NJ1	NC1	IL1	MN1	MO1	MEAN
PPG-FRC 113	7.2	6.9	5.4	4.1	7.3	6.0	6.2
PPG-FRC 114	7.3	6.8	5.5	4.2	7.0	6.1	6.1
C14-OS3	7.1	7.1	5.4	3.9	7.3	5.9	6.1
DLF-FRC 3338	7.1	6.8	5.5	4.2	7.0	6.1	6.1
DLFPS-FRC/3057	7.0	6.9	5.3	4.0	7.1	5.9	6.0
* RADAR	6.9	6.7	5.4	4.2	6.8	6.0	6.0
PPG-FRT 101	6.4	6.4	5.0	3.9	7.0	5.7	5.7
7C34	6.5	6.2	5.1	4.2	5.9	5.7	5.6
DLFPS-FRC/3060	5.9	6.6	4.9	3.8	6.4	5.6	5.5
* RAD-FC44	6.2	5.8	4.8	3.8	6.7	5.5	5.5
DLFPS-FRR/3068	5.9	6.2	5.0	4.2	5.4	5.7	5.4
BAR 6FR 126	6.5	5.5	4.6	3.4	7.1	5.3	5.4
BAR VV-VP3-CT	5.9	5.6	4.6	3.6	7.0	5.4	5.3
DLF-FRR 6162	5.8	5.7	4.9	4.2	5.3	5.6	5.2
RAD-FC32	5.7	5.6	4.5	3.5	6.9	5.3	5.2
DLFPS-FRR/3069	5.7	5.8	4.7	3.9	5.1	5.4	5.1
* MARVEL	5.5	5.8	4.7	4.1	5.0	5.4	5.1
PPG-FRR 111	5.4	5.8	4.8	4.2	4.8	5.4	5.1
* RAD-FR47	5.7	5.3	4.6	4.0	5.1	5.3	5.0
PST-4BEN	5.2	5.6	4.6	4.1	5.1	5.4	5.0
RAD-FR33R	5.5	5.3	4.5	4.0	4.9	5.3	4.9
* NAVIGATOR II	5.4	5.3	4.5	3.9	5.2	5.2	4.9
PST-4ED4	5.5	5.4	4.4	3.7	5.0	5.1	4.9
* CASCADE	5.0	5.7	4.4	3.7	5.0	5.1	4.8
* BEACON	4.1	5.7	3.9	2.9	7.0	4.7	4.7
PST-4DR4	4.6	5.6	4.4	3.9	4.6	5.1	4.7
* KENT	5.1	5.0	4.3	4.0	4.5	5.1	4.7
BAR FRT 5002	6.0	3.3	3.7	3.0	7.2	4.8	4.7
* RESOLUTE (7H7)	4.1	5.2	3.8	2.9	7.3	4.7	4.7
MINIMUS	3.5	6.1	3.9	2.9	7.0	4.6	4.7
DLFPS-FL/3060	4.1	5.3	3.7	2.8	7.2	4.6	4.6
MNHD-14	3.9	5.6	3.8	2.9	6.6	4.6	4.6
* GLADIATOR (TH456)	3.9	5.0	3.8	3.2	6.5	4.7	4.5
PST-4RUE	4.5	5.0	4.2	3.9	4.5	5.0	4.5
* QUATRO	4.1	5.4	3.9	3.2	5.7	4.7	4.5
DLFPS-FL/3066	3.7	5.2	3.7	3.0	6.6	4.6	4.5
* BEUDIN	5.2	3.0	3.6	3.5	6.2	4.8	4.4
* JETTY (PPG-FL 106)	3.3	5.3	3.5	2.7	6.5	4.4	4.3
PST-4BND	3.2	5.0	3.5	3.0	5.8	4.4	4.2
* SEABREEZE GT	4.3	3.9	3.5	3.2	5.2	4.5	4.1
* BOREAL	4.6	4.3	3.8	3.5	3.5	4.6	4.1
* SWORD	3.3	4.4	3.2	2.6	6.5	4.2	4.0
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	9.6	9.1	11.5	14.0	8.4	9.8	10.1

\*/ COMMERCIALY AVAILABLE IN THE USA IN 2016

\*\*/ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO [WWW.NTEP.ORG/LPI\\_Q&A.PDF](http://WWW.NTEP.ORG/LPI_Q&A.PDF)

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 1B. TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 1 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	CT1	NJ1	NC1	IL1	MN1	MO1	MEAN
PPG-FRC 113	7.2	6.9	5.4	4.1	7.3	6.0	6.2
PPG-FRC 114	7.3	6.8	5.5	4.2	7.0	6.1	6.1
DLF-FRC 3338	7.1	6.8	5.5	4.2	7.0	6.1	6.1
DLFPS-FRC/3057	7.0	6.9	5.3	4.0	7.1	5.9	6.0
RADAR	6.9	6.7	5.4	4.2	6.8	6.0	6.0
DLFPS-FRC/3060	5.9	6.6	4.9	3.8	6.4	5.6	5.5
RAD-FC44	6.2	5.8	4.8	3.8	6.7	5.5	5.5
BAR 6FR 126	6.5	5.5	4.6	3.4	7.1	5.3	5.4
BAR VV-VP3-CT	5.9	5.6	4.6	3.6	7.0	5.4	5.3
RAD-FC32	5.7	5.6	4.5	3.5	6.9	5.3	5.2
CASCADE	5.0	5.7	4.4	3.7	5.0	5.1	4.8
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	7.9	8.1	10.2	13.1	7.5	8.9	8.9

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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 1C. TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 1 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	CT1	NJ1	NC1	IL1	MN1	MO1	MEAN
C14-OS3	7.1	7.1	5.4	3.9	7.3	5.9	6.1
7C34	6.5	6.2	5.1	4.2	5.9	5.7	5.6
DLFPS-FRR/3068	5.9	6.2	5.0	4.2	5.4	5.7	5.4
DLF-FRR 6162	5.8	5.7	4.9	4.2	5.3	5.6	5.2
DLFPS-FRR/3069	5.7	5.8	4.7	3.9	5.1	5.4	5.1
MARVEL	5.5	5.8	4.7	4.1	5.0	5.4	5.1
PPG-FRR 111	5.4	5.8	4.8	4.2	4.8	5.4	5.1
RAD-FR47	5.7	5.3	4.6	4.0	5.1	5.3	5.0
PST-4BEN	5.2	5.6	4.6	4.1	5.1	5.4	5.0
RAD-FR33R	5.5	5.3	4.5	4.0	4.9	5.3	4.9
NAVIGATOR II	5.4	5.3	4.5	3.9	5.2	5.2	4.9
PST-4ED4	5.5	5.4	4.4	3.7	5.0	5.1	4.9
PST-4DR4	4.6	5.6	4.4	3.9	4.6	5.1	4.7
KENT	5.1	5.0	4.3	4.0	4.5	5.1	4.7
PST-4RUE	4.5	5.0	4.2	3.9	4.5	5.0	4.5
BOREAL	4.6	4.3	3.8	3.5	3.5	4.6	4.1
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	9.2	9.0	10.9	12.7	9.9	9.5	10.1

\*/ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO [WWW.NTEP.OR/AMMI\\_Q&A.PDF](http://WWW.NTEP.OR/AMMI_Q&A.PDF)

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 1D. TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 1 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	CT1	NJ1	NC1	IL1	MN1	MO1	MEAN
BEACON	4.1	5.7	3.9	2.9	7.0	4.7	4.7
RESOLUTE (7H7)	4.1	5.2	3.8	2.9	7.3	4.7	4.7
MINIMUS	3.5	6.1	3.9	2.9	7.0	4.6	4.7
DLFPS-FL/3060	4.1	5.3	3.7	2.8	7.2	4.6	4.6
MNHD-14	3.9	5.6	3.8	2.9	6.6	4.6	4.6
GLADIATOR (TH456)	3.9	5.0	3.8	3.2	6.5	4.7	4.5
QUATRO	4.1	5.4	3.9	3.2	5.7	4.7	4.5
DLFPS-FL/3066	3.7	5.2	3.7	3.0	6.6	4.6	4.5
BEUDIN	5.2	3.0	3.6	3.5	6.2	4.8	4.4
JETTY (PPG-FL 106)	3.3	5.3	3.5	2.7	6.5	4.4	4.3
PST-4BND	3.2	5.0	3.5	3.0	5.8	4.4	4.2
SWORD	3.3	4.4	3.2	2.6	6.5	4.2	4.0
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	13.1	9.9	13.7	17.0	7.7	11.0	11.3

TABLE 1E. TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 1 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	CT1	NJ1	NC1	IL1	MN1	MO1	MEAN
PPG-FRT 101	6.4	6.4	5.0	3.9	7.0	5.7	5.7
BAR FRT 5002	6.0	3.3	3.7	3.0	7.2	4.8	4.7
SEABREEZE GT	4.3	3.9	3.5	3.2	5.2	4.5	4.1
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	9.1	11.1	12.4	15.1	7.9	10.1	10.5

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

TABLE 2A. TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 2 \*/  
 2015 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MI1	MI2	MN2	ND1	WA1	MEAN
BEUDIN	6.7	6.9	6.2	6.4	6.0	6.4
BAR FRT 5002	6.4	7.3	6.1	5.7	5.6	6.2
GLADIATOR (TH456)	6.4	6.1	5.8	6.6	5.8	6.1
RESOLUTE (7H7)	6.3	6.4	5.9	6.3	5.6	6.1
DLF-FRC 3338	6.2	6.9	6.0	5.7	5.6	6.1
PPG-FRC 113	6.1	7.0	6.0	5.6	5.5	6.1
RAD-FC44	6.2	6.7	5.9	5.8	5.6	6.0
RADAR	6.1	6.7	5.9	5.8	5.6	6.0
BAR VV-VP3-CT	6.2	6.7	5.9	5.8	5.5	6.0
PPG-FRT 101	6.1	6.7	5.9	5.8	5.6	6.0
PPG-FRC 114	6.1	6.9	5.9	5.6	5.5	6.0
RAD-FC32	6.1	6.6	5.8	5.8	5.5	6.0
DLFPS-FL/3066	6.2	5.9	5.6	6.3	5.6	5.9
C14-OS3	6.0	6.8	5.8	5.5	5.4	5.9
DLFPS-FRC/3057	5.9	6.8	5.8	5.5	5.4	5.9
BAR 6FR 126	6.0	6.9	5.8	5.4	5.3	5.9
DLFPS-FL/3060	6.1	6.2	5.6	6.0	5.4	5.9
MINIMUS	6.1	5.8	5.6	6.3	5.5	5.9
DLF-FRR 6162	6.0	5.8	5.6	6.1	5.7	5.8
PST-4BEN	6.0	5.6	5.5	6.3	5.7	5.8
BEACON	6.0	6.1	5.6	6.0	5.4	5.8
DLFPS-FRC/3060	5.9	6.2	5.6	5.8	5.4	5.8
7C34	5.9	6.2	5.6	5.7	5.5	5.8
DLFPS-FRR/3068	5.9	5.8	5.5	6.0	5.6	5.7
SWORD	6.0	5.8	5.4	6.1	5.3	5.7
PST-4BND	6.0	5.4	5.4	6.3	5.5	5.7
JETTY (PPG-FL 106)	5.9	5.7	5.4	6.1	5.3	5.7
NAVIGATOR II	5.8	5.7	5.4	5.9	5.5	5.7
PPG-FRR 111	5.8	5.5	5.4	6.0	5.6	5.6
MNHD-14	5.8	5.7	5.4	5.9	5.3	5.6
RAD-FR33R	5.8	5.6	5.4	5.9	5.5	5.6
RAD-FR47	5.8	5.8	5.4	5.8	5.4	5.6
MARVEL	5.8	5.5	5.4	5.9	5.5	5.6
SEABREEZE GT	5.8	5.6	5.3	6.0	5.4	5.6
KENT	5.8	5.4	5.3	6.0	5.5	5.6
PST-4RUE	5.8	5.1	5.2	6.1	5.5	5.6
PST-4DR4	5.7	5.1	5.2	6.1	5.4	5.5
QUATRO	5.6	5.4	5.2	5.8	5.2	5.4
DLFPS-FRR/3069	5.6	5.5	5.2	5.6	5.3	5.4
PST-4ED4	5.5	5.5	5.2	5.5	5.2	5.4
CASCADE	5.5	5.3	5.1	5.7	5.2	5.4
BOREAL	5.1	4.6	4.6	5.4	4.9	4.9
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	8.5	8.4	9.1	8.6	9.2	8.7

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- 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 2B. TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 2 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	MI1	MI2	MN2	ND1	WA1	MEAN
DLF-FRC 3338	6.2	6.9	6.0	5.7	5.6	6.1
PPG-FRC 113	6.1	7.0	6.0	5.6	5.5	6.1
RAD-FC44	6.2	6.7	5.9	5.8	5.6	6.0
RADAR	6.1	6.7	5.9	5.8	5.6	6.0
BAR VV-VP3-CT	6.2	6.7	5.9	5.8	5.5	6.0
PPG-FRC 114	6.1	6.9	5.9	5.6	5.5	6.0
RAD-FC32	6.1	6.6	5.8	5.8	5.5	6.0
DLFPS-FRC/3057	5.9	6.8	5.8	5.5	5.4	5.9
BAR 6FR 126	6.0	6.9	5.8	5.4	5.3	5.9
DLFPS-FRC/3060	5.9	6.2	5.6	5.8	5.4	5.8
CASCADE	5.5	5.3	5.1	5.7	5.2	5.4
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	8.4	7.7	8.7	8.9	9.2	8.5

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

TABLE 2C. TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
 GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 2 \*/  
 2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	MI1	MI2	MN2	ND1	WA1	MEAN
C14-OS3	6.0	6.8	5.8	5.5	5.4	5.9
DLF-FRR 6162	6.0	5.8	5.6	6.1	5.7	5.8
PST-4BEN	6.0	5.6	5.5	6.3	5.7	5.8
7C34	5.9	6.2	5.6	5.7	5.5	5.8
DLFPS-FRR/3068	5.9	5.8	5.5	6.0	5.6	5.7
NAVIGATOR II	5.8	5.7	5.4	5.9	5.5	5.7
PPG-FRR 111	5.8	5.5	5.4	6.0	5.6	5.6
RAD-FR33R	5.8	5.6	5.4	5.9	5.5	5.6
RAD-FR47	5.8	5.8	5.4	5.8	5.4	5.6
MARVEL	5.8	5.5	5.4	5.9	5.5	5.6
KENT	5.8	5.4	5.3	6.0	5.5	5.6
PST-4RUE	5.8	5.1	5.2	6.1	5.5	5.6
PST-4DR4	5.7	5.1	5.2	6.1	5.4	5.5
DLFPS-FRR/3069	5.6	5.5	5.2	5.6	5.3	5.4
PST-4ED4	5.5	5.5	5.2	5.5	5.2	5.4
BOREAL	5.1	4.6	4.6	5.4	4.9	4.9
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	8.8	9.0	9.4	8.6	9.3	9.0

- \*/ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS AMMI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE AN AMMI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON AMMI, GO TO [WWW.NTEP.OR/AMMI\\_Q&A.PDF](http://WWW.NTEP.OR/AMMI_Q&A.PDF)
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- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2D. TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 2 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	MI1	MI2	MN2	ND1	WA1	MEAN
BEUDIN	6.7	6.9	6.2	6.4	6.0	6.4
GLADIATOR (TH456)	6.4	6.1	5.8	6.6	5.8	6.1
RESOLUTE (7H7)	6.3	6.4	5.9	6.3	5.6	6.1
DLFPS-FL/3066	6.2	5.9	5.6	6.3	5.6	5.9
DLFPS-FL/3060	6.1	6.2	5.6	6.0	5.4	5.9
MINIMUS	6.1	5.8	5.6	6.3	5.5	5.9
BEACON	6.0	6.1	5.6	6.0	5.4	5.8
SWORD	6.0	5.8	5.4	6.1	5.3	5.7
PST-4BND	6.0	5.4	5.4	6.3	5.5	5.7
JETTY (PPG-FL 106)	5.9	5.7	5.4	6.1	5.3	5.7
MNHD-14	5.8	5.7	5.4	5.9	5.3	5.6
QUATRO	5.6	5.4	5.2	5.8	5.2	5.4
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	8.3	8.5	9.1	8.2	9.2	8.6

TABLE 2E. TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 2 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	MI1	MI2	MN2	ND1	WA1	MEAN
BAR FRT 5002	6.4	7.3	6.1	5.7	5.6	6.2
PPG-FRT 101	6.1	6.7	5.9	5.8	5.6	6.0
SEABREEZE GT	5.8	5.6	5.3	6.0	5.4	5.6
LSD VALUE	0.8	0.8	0.8	0.8	0.8	0.8
C.V. (%)	8.0	6.9	8.3	8.9	9.1	8.2

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

TABLE 3A. TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 3 \*/  
 2015 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NJ2	MD1	OR1	QE1	MEAN
MINIMUS	6.0	6.3	6.0	7.1	6.4
RESOLUTE (7H7)	5.7	5.6	6.1	6.7	6.0
BEACON	5.6	5.7	5.8	6.6	5.9
DLFPS-FL/3060	5.5	5.5	5.9	6.6	5.9
DLFPS-FL/3066	5.5	5.5	5.8	6.4	5.8
JETTY (PPG-FL 106)	5.5	5.6	5.7	6.5	5.8
GLADIATOR (TH456)	5.5	5.2	6.0	6.4	5.8
MNHD-14	5.4	5.6	5.6	6.4	5.7
C14-OS3	5.2	5.7	5.8	6.2	5.7
PPG-FRC 113	5.2	5.5	5.9	6.2	5.7
PPG-FRT 101	5.2	5.3	5.8	6.1	5.6
DLF-FRC 3338	5.1	5.4	5.8	6.0	5.6
DLFPS-FRC/3057	5.1	5.5	5.7	6.1	5.6
DLFPS-FRC/3060	5.1	5.5	5.6	6.0	5.6
PST-4BND	5.3	5.2	5.5	6.1	5.5
RADAR	5.1	5.3	5.8	5.9	5.5
PPG-FRC 114	5.0	5.3	5.7	5.9	5.5
SWORD	5.1	4.9	5.6	6.1	5.4
BAR VV-VP3-CT	5.0	4.9	5.8	5.9	5.4
RAD-FC32	5.0	4.9	5.7	5.9	5.4
RAD-FC44	4.9	4.8	5.7	5.8	5.3
QUATRO	4.9	5.0	5.2	5.7	5.2
BAR 6FR 126	4.7	4.6	5.6	5.6	5.1
DLFPS-FRR/3068	4.7	4.8	5.3	5.4	5.1
7C34	4.6	4.7	5.4	5.4	5.0
PST-4BEN	4.7	4.6	5.4	5.3	5.0
DLF-FRR 6162	4.6	4.5	5.3	5.2	4.9
PST-4DR4	4.6	4.6	5.0	5.1	4.8
CASCADE	4.5	4.6	5.0	5.1	4.8
PPG-FRR 111	4.5	4.5	5.1	5.0	4.8
MARVEL	4.5	4.4	5.1	5.1	4.8
NAVIGATOR II	4.4	4.2	5.2	5.0	4.7
DLFPS-FRR/3069	4.3	4.4	5.0	5.0	4.7
PST-4RUE	4.4	4.1	5.0	4.9	4.6
RAD-FR33R	4.3	4.1	5.1	4.9	4.6
RAD-FR47	4.2	4.0	5.1	4.8	4.5
BAR FRT 5002	4.1	3.2	5.7	5.0	4.5
PST-4ED4	4.2	4.1	4.9	4.8	4.5
BEUDIN	4.2	3.0	5.8	4.8	4.4
SEABREEZE GT	4.2	3.6	5.1	4.8	4.4
KENT	4.2	3.8	5.0	4.6	4.4
BOREAL	3.4	3.0	4.3	3.8	3.6
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	10.5	10.6	9.2	9.0	9.8

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



TABLE 3B. TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 3 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	NJ2	MD1	OR1	QE1	MEAN
PPG-FRC 113	5.2	5.5	5.9	6.2	5.7
DLF-FRC 3338	5.1	5.4	5.8	6.0	5.6
DLFPS-FRC/3057	5.1	5.5	5.7	6.1	5.6
DLFPS-FRC/3060	5.1	5.5	5.6	6.0	5.6
RADAR	5.1	5.3	5.8	5.9	5.5
PPG-FRC 114	5.0	5.3	5.7	5.9	5.5
BAR VV-VP3-CT	5.0	4.9	5.8	5.9	5.4
RAD-FC32	5.0	4.9	5.7	5.9	5.4
RAD-FC44	4.9	4.8	5.7	5.8	5.3
BAR 6FR 126	4.7	4.6	5.6	5.6	5.1
CASCADE	4.5	4.6	5.0	5.1	4.8
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	10.2	9.9	8.9	8.6	9.4

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TABLE 3C. TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
 GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 3 \*/  
 2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	NJ2	MD1	OR1	QE1	MEAN
C14-OS3	5.2	5.7	5.8	6.2	5.7
DLFPS-FRR/3068	4.7	4.8	5.3	5.4	5.1
7C34	4.6	4.7	5.4	5.4	5.0
PST-4BEN	4.7	4.6	5.4	5.3	5.0
DLF-FRR 6162	4.6	4.5	5.3	5.2	4.9
PST-4DR4	4.6	4.6	5.0	5.1	4.8
PPG-FRR 111	4.5	4.5	5.1	5.0	4.8
MARVEL	4.5	4.4	5.1	5.1	4.8
NAVIGATOR II	4.4	4.2	5.2	5.0	4.7
DLFPS-FRR/3069	4.3	4.4	5.0	5.0	4.7
PST-4RUE	4.4	4.1	5.0	4.9	4.6
RAD-FR33R	4.3	4.1	5.1	4.9	4.6
RAD-FR47	4.2	4.0	5.1	4.8	4.5
PST-4ED4	4.2	4.1	4.9	4.8	4.5
KENT	4.2	3.8	5.0	4.6	4.4
BOREAL	3.4	3.0	4.3	3.8	3.6
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	11.4	11.6	9.9	10.1	10.7

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TABLE 3D. TURFGRASS QUALITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 3 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	NJ2	MD1	OR1	QE1	MEAN
MINIMUS	6.0	6.3	6.0	7.1	6.4
RESOLUTE (7H7)	5.7	5.6	6.1	6.7	6.0
BEACON	5.6	5.7	5.8	6.6	5.9
DLFPS-FL/3060	5.5	5.5	5.9	6.6	5.9
DLFPS-FL/3066	5.5	5.5	5.8	6.4	5.8
JETTY (PPG-FL 106)	5.5	5.6	5.7	6.5	5.8
GLADIATOR (TH456)	5.5	5.2	6.0	6.4	5.8
MNHD-14	5.4	5.6	5.6	6.4	5.7
PST-4BND	5.3	5.2	5.5	6.1	5.5
SWORD	5.1	4.9	5.6	6.1	5.4
QUATRO	4.9	5.0	5.2	5.7	5.2
BEUDIN	4.2	3.0	5.8	4.8	4.4
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	9.5	9.6	8.8	8.1	8.9

TABLE 3E. TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
GROWN IN LOCATIONS PERFORMANCE INDEX (LPI) GROUP 3 \*/  
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	NJ2	MD1	OR1	QE1	MEAN
PPG-FRT 101	5.2	5.3	5.8	6.1	5.6
BAR FRT 5002	4.1	3.2	5.7	5.0	4.5
SEABREEZE GT	4.2	3.6	5.1	4.8	4.4
LSD VALUE	0.8	0.8	0.8	0.8	0.8
C.V. (%)	10.9	11.8	8.8	9.1	10.0

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TABLE 4A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

NAME	PYTHIUM BLIGHT	PERCENT ESTABLISH- MENT	MESOTRIONE INJURY	WEAR TOLERANCE RATINGS			AUG	QUALITY RATINGS			MEAN
				AUGUST	SEPTEMBER	OCTOBER		SEP	OCT	NOV	
BAR FRT 5002	8.7	78.3	4.0	4.3	4.7	5.3	5.0	6.0	6.3	6.0	5.8
PPG-FRT 101	6.3	85.0	4.7	5.0	4.3	4.7	5.3	5.7	6.7	5.7	5.8
RAD-FC32	7.7	81.7	5.3	6.0	4.0	5.0	5.3	6.0	6.0	5.3	5.7
BEUDIN	9.0	70.0	4.3	5.0	4.7	5.7	5.0	5.7	6.0	5.3	5.5
RAD-FC44	6.0	80.0	5.7	5.3	4.0	4.7	5.0	5.7	6.0	5.3	5.5
BAR VV-VP3-CT	7.3	78.3	3.3	5.3	3.3	4.7	4.7	5.7	5.7	5.0	5.3
PPG-FRR 111	8.3	76.7	4.7	4.7	3.3	4.3	4.7	5.7	5.7	5.0	5.3
RADAR	7.3	85.0	5.3	5.7	3.7	4.3	5.3	5.7	5.3	4.7	5.3
DLFPS-FRC/3057	5.3	83.3	5.7	6.7	4.3	5.3	4.7	5.7	5.7	4.7	5.2
PST-4BEN	7.7	76.7	4.3	4.3	3.0	4.0	5.3	5.3	5.3	4.3	5.1
PST-4DR4	7.0	70.0	4.3	5.0	3.7	4.3	5.0	5.3	5.3	4.7	5.1
CASCADE	6.7	83.3	5.3	3.7	2.0	4.3	5.0	4.0	5.3	5.7	5.0
DLFPS-FRC/3060	4.7	83.3	4.7	5.0	4.0	5.0	4.3	5.3	5.0	5.3	5.0
MARVEL	9.0	76.7	3.7	5.0	3.0	4.3	5.3	5.3	4.7	4.3	4.9
NAVIGATOR II	8.7	73.3	3.3	5.3	4.3	4.3	5.3	4.7	5.0	4.7	4.9
PPG-FRC 114	4.0	80.0	6.0	5.3	4.0	5.0	3.7	5.7	5.7	4.7	4.9
7C34	7.3	83.3	4.3	5.0	3.7	4.3	4.7	5.0	5.0	4.7	4.8
BAR 6FR 126	3.0	83.3	5.0	5.0	4.0	5.0	3.0	5.0	5.7	5.3	4.8
DLF-FRR 6162	8.0	76.7	4.0	4.7	3.3	4.7	5.0	5.0	5.0	4.3	4.8
DLFPS-FRR/3068	8.3	75.0	3.0	5.0	4.3	5.0	4.7	5.0	5.3	4.3	4.8
DLFPS-FRR/3069	7.0	66.7	3.7	4.7	3.0	4.3	4.7	5.3	4.7	4.3	4.8
KENT	8.3	78.3	4.0	4.0	3.0	3.7	5.3	4.7	4.7	4.7	4.8
PST-4ED4	8.3	80.0	4.3	5.3	3.7	4.3	5.0	5.0	5.0	4.3	4.8
RAD-FR47	8.0	71.7	4.7	5.7	3.3	4.3	5.0	5.0	5.0	4.3	4.8
BOREAL	8.3	75.0	4.0	4.3	3.0	4.0	5.0	4.7	4.7	4.0	4.6
DLF-FRC 3338	3.0	83.3	5.0	4.3	4.0	5.0	3.7	5.0	5.3	4.3	4.6
PPG-FRC 113	4.3	83.3	6.0	5.7	4.3	4.3	3.3	5.3	5.0	4.7	4.6
RAD-FR33R	8.3	73.3	3.0	4.3	3.7	4.0	5.0	4.7	4.7	4.0	4.6
JETTY (PPG-FL 106)	9.0	56.7	7.7	5.7	5.7	5.7	3.7	4.7	5.0	4.7	4.5
SEABREEZE GT	9.0	40.0	5.3	4.0	4.3	5.7	4.3	4.3	4.3	4.7	4.4
BEACON	9.0	63.3	7.0	5.3	4.7	5.3	3.7	4.3	5.0	4.3	4.3
C14-OS3	2.7	83.3	5.3	4.7	4.7	4.7	3.0	4.7	5.3	4.3	4.3
PST-4BND	9.0	56.7	7.7	5.7	5.3	6.0	3.3	4.3	5.0	4.3	4.3
PST-4RUE	7.7	71.7	4.3	4.0	3.0	4.3	4.0	4.7	4.7	3.7	4.3
RESOLUTE (7H7)	9.0	63.3	8.0	6.0	4.7	6.3	3.0	4.3	5.0	5.0	4.3
QUATRO	9.0	66.7	7.3	5.0	5.0	6.0	3.0	4.0	4.7	4.7	4.1
MINIMUS	9.0	60.0	8.0	4.3	5.3	5.7	3.3	4.0	4.3	4.3	4.0
DLFPS-FL/3066	9.0	63.3	7.7	4.3	3.3	6.0	2.7	4.3	4.3	3.7	3.8
MNHD-14	9.0	56.7	8.0	4.3	4.0	6.0	3.3	4.0	4.3	3.7	3.8
DLFPS-FL/3060	9.0	66.7	8.0	4.7	4.0	5.7	3.0	4.0	3.7	4.0	3.7
GLADIATOR (TH456)	9.0	58.3	7.7	5.0	5.0	5.0	3.0	4.0	4.3	3.3	3.7
SWORD	9.0	46.7	7.7	5.0	4.7	5.3	2.3	3.3	4.0	3.0	3.2
LSD VALUE	2.5	10.1	1.2	1.3	1.7	1.4	2.2	1.2	1.4	1.0	1.1
C.V. (%)	20.2	9.1	14.6	13.9	21.7	15.1	25.6	13.4	14.1	12.7	12.6

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

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

TABLE 4B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

NAME	PYTHIUM BLIGHT	PERCENT ESTABLISH- MENT	MESOTRIONE INJURY	WEAR TOLERANCE RATINGS			QUALITY RATINGS				MEAN
				AUGUST	SEPTEMBER	OCTOBER	AUG	SEP	OCT	NOV	
RAD-FC32	7.7	81.7	5.3	6.0	4.0	5.0	5.3	6.0	6.0	5.3	5.7
RAD-FC44	6.0	80.0	5.7	5.3	4.0	4.7	5.0	5.7	6.0	5.3	5.5
BAR VV-VP3-CT	7.3	78.3	3.3	5.3	3.3	4.7	4.7	5.7	5.7	5.0	5.3
RADAR	7.3	85.0	5.3	5.7	3.7	4.3	5.3	5.7	5.3	4.7	5.3
DLFPS-FRC/3057	5.3	83.3	5.7	6.7	4.3	5.3	4.7	5.7	5.7	4.7	5.2
CASCADE	6.7	83.3	5.3	3.7	2.0	4.3	5.0	4.0	5.3	5.7	5.0
DLFPS-FRC/3060	4.7	83.3	4.7	5.0	4.0	5.0	4.3	5.3	5.0	5.3	5.0
PPG-FRC 114	4.0	80.0	6.0	5.3	4.0	5.0	3.7	5.7	5.7	4.7	4.9
BAR 6FR 126	3.0	83.3	5.0	5.0	4.0	5.0	3.0	5.0	5.7	5.3	4.8
DLF-FRC 3338	3.0	83.3	5.0	4.3	4.0	5.0	3.7	5.0	5.3	4.3	4.6
PPG-FRC 113	4.3	83.3	6.0	5.7	4.3	4.3	3.3	5.3	5.0	4.7	4.6
LSD VALUE	4.8	17.0	2.1	1.4	2.0	2.4	3.7	0.8	1.5	1.2	1.3
C.V. (%)	40.4	6.8	18.3	14.2	23.3	17.0	32.3	8.3	10.6	10.9	10.3

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 4C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

NAME	PYTHIUM BLIGHT	PERCENT ESTABLISH- MENT	MESOTRIONE INJURY	WEAR TOLERANCE RATINGS			QUALITY RATINGS				MEAN
				AUGUST	SEPTEMBER	OCTOBER	AUG	SEP	OCT	NOV	
PPG-FRR 111	8.3	76.7	4.7	4.7	3.3	4.3	4.7	5.7	5.7	5.0	5.3
PST-4BEN	7.7	76.7	4.3	4.3	3.0	4.0	5.3	5.3	5.3	4.3	5.1
PST-4DR4	7.0	70.0	4.3	5.0	3.7	4.3	5.0	5.3	5.3	4.7	5.1
MARVEL	9.0	76.7	3.7	5.0	3.0	4.3	5.3	5.3	4.7	4.3	4.9
NAVIGATOR II	8.7	73.3	3.3	5.3	4.3	4.3	5.3	4.7	5.0	4.7	4.9
7C34	7.3	83.3	4.3	5.0	3.7	4.3	4.7	5.0	5.0	4.7	4.8
DLF-FRR 6162	8.0	76.7	4.0	4.7	3.3	4.7	5.0	5.0	5.0	4.3	4.8
DLFPS-FRR/3068	8.3	75.0	3.0	5.0	4.3	5.0	4.7	5.0	5.3	4.3	4.8
DLFPS-FRR/3069	7.0	66.7	3.7	4.7	3.0	4.3	4.7	5.3	4.7	4.3	4.8
KENT	8.3	78.3	4.0	4.0	3.0	3.7	5.3	4.7	4.7	4.7	4.8
PST-4ED4	8.3	80.0	4.3	5.3	3.7	4.3	5.0	5.0	5.0	4.3	4.8
RAD-FR47	8.0	71.7	4.7	5.7	3.3	4.3	5.0	5.0	5.0	4.3	4.8
BOREAL	8.3	75.0	4.0	4.3	3.0	4.0	5.0	4.7	4.7	4.0	4.6
RAD-FR33R	8.3	73.3	3.0	4.3	3.7	4.0	5.0	4.7	4.7	4.0	4.6
C14-OS3	2.7	83.3	5.3	4.7	4.7	4.7	3.0	4.7	5.3	4.3	4.3
PST-4RUE	7.7	71.7	4.3	4.0	3.0	4.3	4.0	4.7	4.7	3.7	4.3
LSD VALUE	1.7	14.5	2.0	1.3	1.2	1.5	1.5	1.2	1.8	1.5	1.3
C.V. (%)	13.4	8.1	20.9	12.5	17.0	12.3	14.4	9.3	12.3	12.5	9.3

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

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

TABLE 4D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

NAME	PYTHIUM BLIGHT	PERCENT ESTABLISH- MENT	MESOTRIONE INJURY	WEAR TOLERANCE RATINGS			AUG	QUALITY RATINGS			MEAN
				AUGUST	SEPTEMBER	OCTOBER		SEP	OCT	NOV	
BEUDIN	9	70.0	4.3	5.0	4.7	5.7	5.0	5.7	6.0	5.3	5.5
JETTY (PPG-FL 106)	9	56.7	7.7	5.7	5.7	5.7	3.7	4.7	5.0	4.7	4.5
BEACON	9	63.3	7.0	5.3	4.7	5.3	3.7	4.3	5.0	4.3	4.3
PST-4BND	9	56.7	7.7	5.7	5.3	6.0	3.3	4.3	5.0	4.3	4.3
RESOLUTE (7H7)	9	63.3	8.0	6.0	4.7	6.3	3.0	4.3	5.0	5.0	4.3
QUATRO	9	66.7	7.3	5.0	5.0	6.0	3.0	4.0	4.7	4.7	4.1
MINIMUS	9	60.0	8.0	4.3	5.3	5.7	3.3	4.0	4.3	4.3	4.0
DLFPS-FL/3066	9	63.3	7.7	4.3	3.3	6.0	2.7	4.3	4.3	3.7	3.8
MNHD-14	9	56.7	8.0	4.3	4.0	6.0	3.3	4.0	4.3	3.7	3.8
DLFPS-FL/3060	9	66.7	8.0	4.7	4.0	5.7	3.0	4.0	3.7	4.0	3.7
GLADIATOR (TH456)	9	58.3	7.7	5.0	5.0	5.0	3.0	4.0	4.3	3.3	3.7
SWORD	9	46.7	7.7	5.0	4.7	5.3	2.3	3.3	4.0	3.0	3.2
LSD VALUE	0	16.9	0.9	1.9	3.2	2.4	0.9	1.8	2.0	0.7	0.9
C.V. (%)	0	12.7	7.3	16.0	25.0	14.1	15.6	18.2	18.2	10.1	12.5

TABLE 4E.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

NAME	PYTHIUM BLIGHT	PERCENT ESTABLISH- MENT	MESOTRIONE INJURY	WEAR TOLERANCE RATINGS			AUG	QUALITY RATINGS			MEAN
				AUGUST	SEPTEMBER	OCTOBER		SEP	OCT	NOV	
BAR FRT 5002	8.7	78.3	4.0	4.3	4.7	5.3	5.0	6.0	6.3	6.0	5.8
PPG-FRT 101	6.3	85.0	4.7	5.0	4.3	4.7	5.3	5.7	6.7	5.7	5.8
SEABREEZE GT	9.0	40.0	5.3	4.0	4.3	5.7	4.3	4.3	4.3	4.7	4.4
LSD VALUE	3.0	15.5	1.3	0.8	1.5	2.0	2.4	1.3	0.8	0.8	1.1
C.V. (%)	16.1	9.8	12.4	7.5	15.0	16.9	21.6	10.8	5.8	6.1	8.9

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

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

TABLE 5A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
7C34	6.0	6.0	82.0	79.7	6.0	8.0	8.0	8.0	8.0	8.3	7.7	8.0	7.8
DLF-FRR 6162	6.3	7.3	97.0	88.0	6.7	7.7	8.0	8.0	7.7	8.3	8.3	7.7	7.8
NAVIGATOR II	6.3	5.0	76.7	74.7	7.3	8.0	8.0	7.7	7.7	8.3	7.0	8.0	7.8
PPG-FRT 101	6.0	5.3	72.7	73.7	6.0	7.3	8.0	8.0	8.3	8.3	8.3	7.7	7.8
JETTY (PPG-FL 106)	6.0	4.7	94.0	84.3	6.3	7.3	7.3	7.7	8.3	8.3	8.0	7.7	7.6
SEABREEZE GT	5.0	2.3	81.3	73.3	6.3	7.0	7.0	7.7	8.3	8.7	8.3	7.7	7.6
BAR FRT 5002	6.3	6.3	92.0	84.3	6.7	7.7	7.7	7.7	7.7	8.3	7.3	7.0	7.5
DLFPS-FRR/3068	6.0	5.3	65.0	64.7	6.0	7.3	7.7	7.7	7.7	7.7	8.3	7.7	7.5
SWORD	6.3	4.3	67.7	70.3	6.7	7.0	7.0	7.0	7.3	8.0	8.3	8.3	7.5
DLF-FRC 3338	7.7	5.3	89.3	80.0	7.7	8.3	7.7	7.0	6.3	7.7	7.7	6.7	7.4
PPG-FRC 113	7.3	6.0	92.7	77.0	7.0	7.3	7.3	8.0	7.7	8.0	7.7	6.3	7.4
DLFPS-FRC/3057	7.0	7.0	90.7	74.3	7.0	8.0	8.0	7.3	7.0	7.3	7.7	6.3	7.3
DLFPS-FRC/3060	7.3	6.3	89.0	80.3	7.7	7.0	7.3	7.0	6.7	8.0	7.7	6.7	7.3
MARVEL	6.3	6.0	68.3	67.3	6.3	7.0	7.3	8.0	8.0	7.0	7.3	7.3	7.3
MINIMUS	7.0	6.0	65.0	63.3	6.3	8.0	8.0	7.3	7.3	8.0	7.0	6.3	7.3
PST-4BEN	7.0	6.0	89.7	91.0	6.3	7.3	7.0	7.3	7.0	8.0	7.3	8.3	7.3
RAD-FC44	7.3	6.0	88.3	72.7	7.7	8.3	7.7	7.3	7.0	7.0	7.0	6.0	7.3
RAD-FR33R	5.3	5.7	96.0	84.7	6.3	6.7	7.0	7.7	8.0	8.0	7.3	7.3	7.3
RADAR	6.0	6.0	75.3	73.3	6.7	8.0	7.3	7.0	7.0	8.0	7.7	7.0	7.3
C14-OS3	7.0	6.3	88.0	81.0	7.3	7.3	7.0	7.0	7.0	7.0	8.0	6.3	7.1
DLFPS-FL/3060	6.0	5.0	93.0	83.0	6.0	7.3	7.0	7.3	7.3	7.3	7.3	7.0	7.1
RAD-FC32	6.3	6.0	87.7	78.0	6.3	7.0	7.0	7.0	7.7	8.0	7.0	6.7	7.1
BEACON	5.3	7.7	65.3	58.7	6.7	7.0	7.0	7.3	7.3	7.0	7.3	6.3	7.0
PPG-FRR 111	6.0	6.7	85.3	77.7	6.3	6.3	6.7	7.0	7.3	7.7	7.7	6.7	7.0
PST-4RUE	6.3	6.3	90.0	82.0	6.7	7.0	7.0	7.3	7.3	7.0	6.7	6.3	6.9
BAR VV-VP3-CT	7.3	5.0	85.0	78.7	8.3	7.7	7.0	6.3	6.0	6.7	6.3	6.0	6.8
BEUDIN	6.0	5.3	89.3	76.3	6.3	8.0	7.3	6.7	6.3	7.3	6.7	6.0	6.8
GLADIATOR (TH456)	8.0	5.3	60.7	64.3	7.3	8.0	7.7	6.7	6.3	6.0	6.3	6.0	6.8
PPG-FRC 114	6.7	6.3	85.0	66.0	6.3	6.7	6.7	7.0	7.3	7.0	7.0	6.0	6.8
PST-4BND	6.3	5.3	85.7	80.7	6.0	6.3	6.3	7.0	7.0	7.3	6.7	7.0	6.7
PST-4DR4	5.7	6.7	86.0	83.0	6.0	6.7	6.3	7.0	7.0	6.7	7.0	6.7	6.7
RAD-FR47	6.0	5.7	61.0	57.0	7.0	7.3	7.0	6.7	6.7	6.7	6.0	6.0	6.7
KENT	6.0	5.7	77.0	67.0	6.3	6.7	6.7	6.3	7.0	7.0	6.3	6.7	6.6
PST-4ED4	5.7	6.3	86.7	78.3	6.0	7.0	7.0	7.0	6.7	7.0	6.3	6.0	6.6
DLFPS-FRR/3069	4.7	6.0	68.0	59.3	5.7	6.3	6.7	6.7	7.0	7.0	6.3	6.0	6.5
CASCADE	6.7	6.0	71.7	56.7	7.0	7.3	7.0	6.7	5.3	6.0	5.7	5.3	6.3
BOREAL	5.7	6.3	58.3	52.7	6.7	7.3	6.7	6.0	5.3	5.7	6.3	5.0	6.1
QUATRO	7.0	6.0	54.7	55.7	6.7	6.3	6.0	6.0	6.0	6.0	6.0	5.7	6.1
DLFPS-FL/3066	4.7	7.0	40.3	36.0	6.0	6.0	6.0	6.0	6.0	7.0	6.0	5.0	6.0
MNHD-14	5.0	6.3	45.3	40.3	6.0	7.0	6.0	5.7	5.0	5.0	5.0	5.0	5.6
RESOLUTE (7H7)	5.3	5.7	51.3	53.0	5.3	5.3	5.3	5.7	5.7	5.0	5.3	5.0	5.3
BAR 6FR 126	6.0	6.7	34.0	27.3	6.3	7.0	6.0	4.7	4.0	4.7	4.0	3.7	5.0
LSD VALUE	1.7	1.8	62.8	50.9	2.2	2.0	0.8	1.0	2.0	1.7	1.6	1.7	1.0
C.V. (%)	13.9	16.2	30.4	28.4	13.2	11.9	7.2	8.4	15.1	13.3	13.4	14.9	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 5B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DLF-FRC 3338	7.7	5.3	89.3	80.0	7.7	8.3	7.7	7.0	6.3	7.7	7.7	6.7	7.4
PPG-FRC 113	7.3	6.0	92.7	77.0	7.0	7.3	7.3	8.0	7.7	8.0	7.7	6.3	7.4
DLFPS-FRC/3057	7.0	7.0	90.7	74.3	7.0	8.0	8.0	7.3	7.0	7.3	7.7	6.3	7.3
DLFPS-FRC/3060	7.3	6.3	89.0	80.3	7.7	7.0	7.3	7.0	6.7	8.0	7.7	6.7	7.3
RAD-FC44	7.3	6.0	88.3	72.7	7.7	8.3	7.7	7.3	7.0	7.0	7.0	6.0	7.3
RADAR	6.0	6.0	75.3	73.3	6.7	8.0	7.3	7.0	7.0	8.0	7.7	7.0	7.3
RAD-FC32	6.3	6.0	87.7	78.0	6.3	7.0	7.0	7.0	7.7	8.0	7.0	6.7	7.1
BAR VV-VP3-CT	7.3	5.0	85.0	78.7	8.3	7.7	7.0	6.3	6.0	6.7	6.3	6.0	6.8
PPG-FRC 114	6.7	6.3	85.0	66.0	6.3	6.7	6.7	7.0	7.3	7.0	7.0	6.0	6.8
CASCADE	6.7	6.0	71.7	56.7	7.0	7.3	7.0	6.7	5.3	6.0	5.7	5.3	6.3
BAR 6FR 126	6.0	6.7	34.0	27.3	6.3	7.0	6.0	4.7	4.0	4.7	4.0	3.7	5.0
LSD VALUE	3.1	3.0	31.8	34.3	2.7	2.6	1.0	1.0	1.9	1.8	1.4	2.3	1.2
C.V. (%)	16.3	18.0	20.4	24.3	15.1	13.3	7.5	8.7	15.4	13.4	12.2	18.0	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 5C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
7C34	6.0	6.0	82.0	79.7	6.0	8.0	8.0	8.0	8.0	8.3	7.7	8.0	7.8
DLF-FRR 6162	6.3	7.3	97.0	88.0	6.7	7.7	8.0	8.0	7.7	8.3	8.3	7.7	7.8
NAVIGATOR II	6.3	5.0	76.7	74.7	7.3	8.0	8.0	7.7	7.7	8.3	7.0	8.0	7.8
DLFPS-FRR/3068	6.0	5.3	65.0	64.7	6.0	7.3	7.7	7.7	7.7	7.7	8.3	7.7	7.5
MARVEL	6.3	6.0	68.3	67.3	6.3	7.0	7.3	8.0	8.0	7.0	7.3	7.3	7.3
PST-4BEN	7.0	6.0	89.7	91.0	6.3	7.3	7.0	7.3	7.0	8.0	7.3	8.3	7.3
RAD-FR33R	5.3	5.7	96.0	84.7	6.3	6.7	7.0	7.7	8.0	8.0	7.3	7.3	7.3
C14-OS3	7.0	6.3	88.0	81.0	7.3	7.3	7.0	7.0	7.0	7.0	8.0	6.3	7.1
PPG-FRR 111	6.0	6.7	85.3	77.7	6.3	6.3	6.7	7.0	7.3	7.7	7.7	6.7	7.0
PST-4RUE	6.3	6.3	90.0	82.0	6.7	7.0	7.0	7.3	7.3	7.0	6.7	6.3	6.9
PST-4DR4	5.7	6.7	86.0	83.0	6.0	6.7	6.3	7.0	7.0	6.7	7.0	6.7	6.7
RAD-FR47	6.0	5.7	61.0	57.0	7.0	7.3	7.0	6.7	6.7	6.7	6.0	6.0	6.7
KENT	6.0	5.7	77.0	67.0	6.3	6.7	6.7	6.3	7.0	7.0	6.3	6.7	6.6
PST-4ED4	5.7	6.3	86.7	78.3	6.0	7.0	7.0	7.0	6.7	7.0	6.3	6.0	6.6
DLFPS-FRR/3069	4.7	6.0	68.0	59.3	5.7	6.3	6.7	6.7	7.0	7.0	6.3	6.0	6.5
BOREAL	5.7	6.3	58.3	52.7	6.7	7.3	6.7	6.0	5.3	5.7	6.3	5.0	6.1
LSD VALUE	1.6	3.1	67.2	50.4	2.1	1.8	0.9	1.2	3.4	2.5	2.1	1.9	1.1
C.V. (%)	12.0	17.4	28.6	25.1	12.2	10.2	6.9	8.8	16.5	14.2	13.3	14.1	7.8

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

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

TABLE 5D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
JETTY (PPG-FL 106)	6.0	4.7	94.0	84.3	6.3	7.3	7.3	7.7	8.3	8.3	8.0	7.7	7.6
SWORD	6.3	4.3	67.7	70.3	6.7	7.0	7.0	7.0	7.3	8.0	8.3	8.3	7.5
MINIMUS	7.0	6.0	65.0	63.3	6.3	8.0	8.0	7.3	7.3	8.0	7.0	6.3	7.3
DLFPS-FL/3060	6.0	5.0	93.0	83.0	6.0	7.3	7.0	7.3	7.3	7.3	7.3	7.0	7.1
BEACON	5.3	7.7	65.3	58.7	6.7	7.0	7.0	7.3	7.3	7.0	7.3	6.3	7.0
BEUDIN	6.0	5.3	89.3	76.3	6.3	8.0	7.3	6.7	6.3	7.3	6.7	6.0	6.8
GLADIATOR (TH456)	8.0	5.3	60.7	64.3	7.3	8.0	7.7	6.7	6.3	6.0	6.3	6.0	6.8
PST-4BND	6.3	5.3	85.7	80.7	6.0	6.3	6.3	7.0	7.0	7.3	6.7	7.0	6.7
QUATRO	7.0	6.0	54.7	55.7	6.7	6.3	6.0	6.0	6.0	6.0	6.0	5.7	6.1
DLFPS-FL/3066	4.7	7.0	40.3	36.0	6.0	6.0	6.0	6.0	6.0	7.0	6.0	5.0	6.0
MNHD-14	5.0	6.3	45.3	40.3	6.0	7.0	6.0	5.7	5.0	5.0	5.0	5.0	5.6
RESOLUTE (7H7)	5.3	5.7	51.3	53.0	5.3	5.3	5.3	5.7	5.7	5.0	5.3	5.0	5.3
LSD VALUE	1.5	1.1	52.0	48.9	1.9	1.8	0.9	1.0	2.1	1.2	1.7	1.3	1.0
C.V. (%)	13.7	11.7	34.7	33.3	12.0	12.7	7.6	8.5	15.3	10.9	13.8	12.2	8.4

TABLE 5C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PPG-FRT 101	6.0	5.3	72.7	73.7	6.0	7.3	8.0	8.0	8.3	8.3	8.3	7.7	7.8
SEABREEZE GT	5.0	2.3	81.3	73.3	6.3	7.0	7.0	7.7	8.3	8.7	8.3	7.7	7.6
BAR FRT 5002	6.3	6.3	92.0	84.3	6.7	7.7	7.7	7.7	7.7	8.3	7.3	7.0	7.5
LSD VALUE	1.2	2.1	73.1	43.9	1.9	1.9	1.2	1.2	1.5	2.0	1.3	2.0	0.4
C.V. (%)	9.1	19.6	38.4	24.5	12.9	11.1	7.0	6.8	8.2	10.4	7.2	11.8	2.3

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 6A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN UNDER NO MOWING AT RIVERSIDE, CA 1/  
2015 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SPRING	DENSITY SUMMER	RED THREAD	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MINIMUS	7.3	6.7	4.7	8.0	8.0	5.0	6.3	7.0	7.0	7.0	6.7	7.0	7.0	7.3	6.7	6.7	6.7	6.7
DLFPS-FL/3060	8.0	6.7	5.3	8.0	8.0	5.0	6.3	7.3	7.3	7.3	7.3	6.7	6.7	6.7	6.3	6.0	5.7	6.6
DLFPS-FL/3066	7.7	7.0	4.7	7.3	8.3	5.0	6.7	7.0	7.3	7.3	7.0	7.0	7.0	6.0	6.0	5.3	6.6	6.6
GLADIATOR (TH456)	7.3	6.3	5.3	6.7	8.0	4.3	6.7	7.3	7.3	7.3	7.3	7.0	7.0	7.0	6.3	6.0	6.0	6.6
BEACON	7.0	5.3	4.7	7.0	8.0	5.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.7	6.5	6.5
PST-4BEN	7.0	7.3	5.3	8.0	7.7	5.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0	6.3	5.7	5.0	6.5	6.5
PST-4ED4	7.7	6.0	5.0	7.7	7.3	4.7	7.0	7.3	7.7	7.7	7.3	6.7	6.7	6.7	6.0	5.7	5.0	6.5
DLF-FRR 6162	7.0	7.3	4.0	7.7	8.0	5.3	6.3	7.0	6.7	7.0	6.3	6.3	6.7	6.7	6.3	6.3	6.3	6.4
PST-4BND	7.0	5.7	4.0	8.0	7.7	4.7	6.3	6.7	7.0	7.0	6.7	6.7	6.7	7.0	6.0	6.0	6.0	6.4
7C34	6.7	7.7	5.3	7.3	7.3	5.0	6.7	7.0	7.0	7.0	7.0	6.7	6.7	6.7	5.7	5.3	5.3	6.3
C14-OS3	7.3	6.7	4.3	7.7	8.3	4.3	6.7	7.0	7.3	7.3	7.0	6.3	6.3	6.3	5.7	5.3	5.3	6.3
CASCADE	7.3	6.7	5.0	7.7	7.7	5.3	6.7	6.7	7.3	7.3	6.7	6.3	6.0	6.0	6.0	5.3	5.3	6.3
PPG-FRT 101	7.0	6.7	5.3	7.3	7.7	5.3	7.0	7.0	7.3	7.3	7.0	6.7	6.3	6.3	5.7	5.0	5.0	6.3
PST-4RUE	7.7	7.0	5.3	7.7	6.7	5.3	6.7	6.7	7.0	7.0	6.7	6.0	6.3	6.7	6.0	6.0	5.7	6.3
PPG-FRR 111	7.3	6.3	4.7	6.7	7.0	4.7	6.3	6.7	7.0	7.0	6.7	6.3	6.3	6.3	5.7	5.7	5.7	6.2
DLFPS-FRC/3057	7.7	6.3	4.7	7.7	7.7	5.0	6.3	6.7	6.7	7.0	6.7	6.3	6.0	6.0	5.7	5.3	5.0	6.1
RADAR	7.7	6.3	4.7	7.3	7.7	5.0	6.3	6.7	7.0	7.0	6.7	6.0	6.0	6.0	5.7	5.7	5.3	6.1
SEABREEZE GT	6.3	5.3	3.3	7.7	7.0	4.3	6.7	7.0	7.3	7.3	7.0	6.3	6.0	6.0	5.3	5.0	4.7	6.1
JETTY (PPG-FL 106)	7.3	5.3	3.7	7.7	7.7	4.0	6.0	6.3	6.7	6.7	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0
PPG-FRC 113	7.7	6.3	5.0	8.7	8.0	5.0	6.0	6.0	6.7	6.7	6.3	6.0	6.0	6.0	6.0	5.3	6.0	6.0
PPG-FRC 114	8.0	6.7	4.7	8.0	7.3	5.3	6.3	6.7	7.0	7.0	6.7	5.7	6.0	5.7	5.7	5.0	4.7	6.0
SWORD	7.7	4.7	3.7	7.0	8.0	2.7	5.7	6.3	6.7	6.3	6.3	6.3	6.7	6.7	6.0	6.0	6.3	6.0
DLFPS-FRC/3060	7.3	7.0	5.3	6.7	8.0	4.7	6.7	6.7	7.0	7.3	6.7	6.3	6.0	6.0	5.3	4.7	4.0	5.9
KENT	7.7	7.3	5.3	7.7	7.0	4.7	6.3	6.7	6.3	6.7	6.3	6.3	6.3	6.3	5.7	4.7	4.3	5.9
MARVEL	7.3	6.0	4.3	6.7	7.0	4.3	6.0	6.7	6.7	6.7	6.7	6.3	6.0	6.0	5.7	5.0	5.0	5.9
NAVIGATOR II	7.3	7.0	4.7	6.7	6.0	5.0	6.3	6.3	6.7	6.7	6.3	6.0	6.0	6.0	5.7	5.0	4.7	5.9
PST-4DR4	7.7	6.3	4.7	7.7	7.0	4.0	6.0	6.0	6.0	6.0	6.0	6.3	6.0	6.7	6.0	5.7	5.7	5.9
QUATRO	7.0	6.7	5.3	8.0	8.0	4.7	6.3	6.7	7.0	7.3	6.3	6.3	6.0	6.0	5.3	4.7	4.0	5.9
RAD-FR33R	7.0	6.3	4.3	7.0	6.3	3.3	5.7	6.7	6.7	6.7	6.7	6.3	6.3	6.7	5.7	5.3	4.3	5.9
RAD-FR47	8.0	7.0	4.7	7.0	6.3	4.3	6.0	6.3	7.0	7.0	6.3	6.3	6.3	6.3	5.3	5.0	4.3	5.9
RESOLUTE (7H7)	7.3	6.3	5.0	7.0	8.3	4.0	6.3	6.3	6.3	6.3	6.3	6.3	6.0	6.0	5.7	5.7	5.7	5.9
DLF-FRC 3338	7.7	6.0	5.0	7.0	8.3	4.0	5.7	6.3	6.0	6.0	6.0	6.3	6.0	6.0	6.0	5.7	5.7	5.8
DLFPS-FRR/3069	7.0	6.3	4.0	7.0	7.3	4.0	5.7	6.3	6.7	6.7	6.3	6.0	6.0	6.0	6.0	5.3	5.0	5.8
MNHD-14	7.7	5.7	3.7	6.7	8.3	3.7	5.7	6.3	6.3	6.3	6.0	6.3	6.3	5.7	5.7	5.7	5.7	5.8
BEUDIN	6.3	7.0	6.0	7.3	8.0	5.0	6.3	7.0	7.3	7.3	6.3	6.0	5.7	5.3	4.7	4.0	3.0	5.7
BAR 6FR 126	7.0	6.0	4.7	8.0	8.0	4.7	6.0	6.3	7.0	7.0	6.3	6.0	5.7	5.7	5.3	4.3	3.0	5.6
BAR VV-VP3-CT	7.7	6.7	5.0	8.0	7.7	5.3	6.3	6.7	7.0	7.0	6.3	6.0	5.7	5.0	4.7	4.0	3.3	5.6
BOREAL	6.3	7.0	5.7	8.0	7.0	5.7	6.3	6.3	7.0	7.0	6.3	6.0	6.0	6.0	4.7	3.3	2.7	5.6
RAD-FC32	8.0	6.0	4.7	7.3	7.7	5.3	6.3	6.7	6.7	6.7	6.7	6.0	5.7	5.3	4.7	3.7	3.3	5.6
RAD-FC44	8.0	6.7	4.0	7.3	7.3	4.0	6.0	6.7	6.7	6.7	6.7	6.0	5.3	5.3	5.3	4.3	4.0	5.6
DLFPS-FRR/3068	7.7	5.7	3.0	6.7	7.0	3.3	5.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0	4.0	3.3	5.3
BAR FRT 5002	6.3	5.7	4.7	7.7	7.0	5.0	6.0	6.3	6.7	6.7	6.0	5.7	5.7	5.3	4.3	3.0	2.0	5.2
LSD VALUE	1.6	2.7	2.5	2.4	0.9	1.7	1.6	1.7	2.0	1.8	1.6	1.0	1.1	1.1	1.1	1.2	1.5	0.9
C.V. (%)	8.8	15.0	19.9	10.7	6.8	17.0	9.2	8.2	8.9	8.6	8.4	7.1	8.5	9.7	10.1	13.8	18.3	7.1

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

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

TABLE 6B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN UNDER NO MOWING AT RIVERSIDE, CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SPRING	DENSITY SUMMER	RED THREAD	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CASCADE	7.3	6.7	5.0	7.7	7.7	5.3	6.7	6.7	7.3	7.3	6.7	6.3	6.0	6.0	6.0	5.3	5.3	6.3
DLFPS-FRC/3057	7.7	6.3	4.7	7.7	7.7	5.0	6.3	6.7	6.7	7.0	6.7	6.3	6.0	6.0	5.7	5.3	5.0	6.1
RADAR	7.7	6.3	4.7	7.3	7.7	5.0	6.3	6.7	7.0	7.0	6.7	6.0	6.0	6.0	5.7	5.7	5.3	6.1
PPG-FRC 113	7.7	6.3	5.0	8.7	8.0	5.0	6.0	6.0	6.7	6.7	6.3	6.0	6.0	6.0	6.0	6.0	5.3	6.0
PPG-FRC 114	8.0	6.7	4.7	8.0	7.3	5.3	6.3	6.7	7.0	7.0	6.7	5.7	6.0	5.7	5.7	5.0	4.7	6.0
DLFPS-FRC/3060	7.3	7.0	5.3	6.7	8.0	4.7	6.7	6.7	7.0	7.3	6.7	6.3	6.0	6.0	5.3	4.7	4.0	5.9
DLF-FRC 3338	7.7	6.0	5.0	7.0	8.3	4.0	5.7	6.3	6.0	6.0	6.0	6.3	6.0	6.0	6.0	5.7	5.7	5.8
BAR 6FR 126	7.0	6.0	4.7	8.0	8.0	4.7	6.0	6.3	7.0	7.0	6.3	6.0	5.7	5.7	5.3	4.3	3.0	5.6
BAR VV-VP3-CT	7.7	6.7	5.0	8.0	7.7	5.3	6.3	6.7	7.0	7.0	6.3	6.0	5.7	5.0	4.7	4.0	3.3	5.6
RAD-FC32	8.0	6.0	4.7	7.3	7.7	5.3	6.3	6.7	6.7	6.7	6.7	6.0	5.7	5.3	4.7	3.7	3.3	5.6
RAD-FC44	8.0	6.7	4.0	7.3	7.3	4.0	6.0	6.7	6.7	6.7	6.7	6.0	5.3	5.3	5.3	4.3	4.0	5.6
LSD VALUE	0.9	2.8	2.7	2.0	1.6	1.9	1.3	1.5	2.1	1.8	1.9	1.4	1.3	1.4	1.3	1.4	1.8	1.2
C.V. (%)	5.4	14.6	18.5	10.9	7.6	15.7	8.1	8.1	10.7	9.7	9.7	8.0	8.0	9.8	10.9	15.0	20.9	7.5

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

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

TABLE 6C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN UNDER NO MOWING AT RIVERSIDE, CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SPRING	DENSITY SUMMER	RED THREAD	QUALITY RATINGS													MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
PST-4BEN	7.0	7.3	5.3	8.0	7.7	5.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.3	6.3	5.7	5.0	6.5	
PST-4ED4	7.7	6.0	5.0	7.7	7.3	4.7	7.0	7.3	7.7	7.7	7.3	6.7	6.7	6.7	6.0	5.7	5.0	6.5	
DLF-FRR 6162	7.0	7.3	4.0	7.7	8.0	5.3	6.3	7.0	6.7	7.0	6.3	6.3	6.7	6.7	6.3	6.3	6.3	6.4	
7C34	6.7	7.7	5.3	7.3	7.3	5.0	6.7	7.0	7.0	7.0	7.0	6.7	6.7	6.7	5.7	5.3	5.3	6.3	
C14-OS3	7.3	6.7	4.3	7.7	8.3	4.3	6.7	7.0	7.3	7.3	7.0	6.3	6.3	6.3	5.7	5.3	5.3	6.3	
PST-4RUE	7.7	7.0	5.3	7.7	6.7	5.3	6.7	6.7	7.0	7.0	6.7	6.0	6.3	6.7	6.0	6.0	5.7	6.3	
PPG-FRR 111	7.3	6.3	4.7	6.7	7.0	4.7	6.3	6.7	7.0	7.0	6.7	6.3	6.3	6.3	5.7	5.7	5.7	6.2	
KENT	7.7	7.3	5.3	7.7	7.0	4.7	6.3	6.7	6.3	6.7	6.3	6.3	6.3	6.3	5.7	4.7	4.3	5.9	
MARVEL	7.3	6.0	4.3	6.7	7.0	4.3	6.0	6.7	6.7	6.7	6.7	6.3	6.0	6.0	5.7	5.0	5.0	5.9	
NAVIGATOR II	7.3	7.0	4.7	6.7	6.0	5.0	6.3	6.3	6.7	6.7	6.3	6.0	6.0	6.0	5.7	5.0	4.7	5.9	
PST-4DR4	7.7	6.3	4.7	7.7	7.0	4.0	6.0	6.0	6.0	6.0	6.0	6.3	6.0	6.7	6.0	5.7	5.7	5.9	
RAD-FR33R	7.0	6.3	4.3	7.0	6.3	3.3	5.7	6.7	6.7	6.7	6.7	6.3	6.3	6.7	5.7	5.3	4.3	5.9	
RAD-FR47	8.0	7.0	4.7	7.0	6.3	4.3	6.0	6.3	7.0	7.0	6.3	6.3	6.3	6.3	5.3	5.0	4.3	5.9	
DLFPS-FRR/3069	7.0	6.3	4.0	7.0	7.3	4.0	5.7	6.3	6.7	6.7	6.3	6.0	6.0	6.0	6.0	5.3	5.0	5.8	
BOREAL	6.3	7.0	5.7	8.0	7.0	5.7	6.3	6.3	7.0	7.0	6.3	6.0	6.0	6.0	4.7	3.3	2.7	5.6	
DLFPS-FRR/3068	7.7	5.7	3.0	6.7	7.0	3.3	5.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0	4.0	3.3	5.3	
LSD VALUE	2.4	2.7	2.6	2.1	1.0	1.8	1.3	1.5	1.3	1.5	1.3	1.0	0.9	0.9	1.0	1.1	1.6	0.8	
C.V. (%)	11.0	14.5	21.9	10.8	8.1	18.3	9.1	8.4	8.0	8.5	7.8	6.5	6.8	7.5	8.3	11.7	18.2	6.4	

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

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

TABLE 6D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS  
GROWN UNDER NO MOWING AT RIVERSIDE, CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SPRING	DENSITY SUMMER	RED THREAD	QUALITY RATINGS												MEAN	
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
MINIMUS	7.3	6.7	4.7	8.0	8.0	5.0	6.3	7.0	7.0	7.0	6.7	7.0	7.0	7.3	6.7	6.7	6.7	6.7	6.7
DLFPS-FL/3060	8.0	6.7	5.3	8.0	8.0	5.0	6.3	7.3	7.3	7.3	7.3	6.7	6.7	6.7	6.7	6.3	6.0	5.7	6.6
DLFPS-FL/3066	7.7	7.0	4.7	7.3	8.3	5.0	6.7	7.0	7.3	7.3	7.0	7.0	7.0	7.0	6.0	6.0	5.3	6.6	6.6
GLADIATOR (TH456)	7.3	6.3	5.3	6.7	8.0	4.3	6.7	7.3	7.3	7.3	7.3	7.0	7.0	7.0	6.3	6.0	6.0	6.0	6.6
BEACON	7.0	5.3	4.7	7.0	8.0	5.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0	5.7	6.5	6.5
PST-4BND	7.0	5.7	4.0	8.0	7.7	4.7	6.3	6.7	7.0	7.0	6.7	6.7	6.7	7.0	6.0	6.0	6.0	6.4	6.4
JETTY (PPG-FL 106)	7.3	5.3	3.7	7.7	7.7	4.0	6.0	6.3	6.7	6.7	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
SWORD	7.7	4.7	3.7	7.0	8.0	2.7	5.7	6.3	6.7	6.3	6.3	6.3	6.7	6.7	6.0	6.0	6.3	6.0	6.0
QUATRO	7.0	6.7	5.3	8.0	8.0	4.7	6.3	6.7	7.0	7.3	6.3	6.3	6.0	6.0	5.3	4.7	4.0	5.9	5.9
RESOLUTE (7H7)	7.3	6.3	5.0	7.0	8.3	4.0	6.3	6.3	6.3	6.3	6.3	6.3	6.0	6.0	5.7	5.7	5.7	5.9	5.9
MNHD-14	7.7	5.7	3.7	6.7	8.3	3.7	5.7	6.3	6.3	6.3	6.0	6.3	6.3	5.7	5.7	5.7	5.7	5.8	5.8
BEUDIN	6.3	7.0	6.0	7.3	8.0	5.0	6.3	7.0	7.3	7.3	6.3	6.0	5.7	5.3	4.7	4.0	3.0	5.7	5.7
LSD VALUE	1.2	2.3	2.0	1.9	1.0	1.6	1.7	1.0	1.3	1.1	1.1	0.9	1.2	1.3	1.4	1.3	1.4	0.8	0.8
C.V. (%)	7.3	16.3	19.7	10.4	4.6	17.6	10.0	7.0	7.9	7.5	7.6	6.7	8.8	10.2	10.6	12.1	14.5	6.5	6.5

TABLE 6E.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN UNDER NO MOWING AT RIVERSIDE, CA 1/  
2015 DATA

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

NAME NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SPRING	DENSITY SUMMER	RED THREAD	QUALITY RATINGS												MEAN	
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
PPG-FRT 101	7.0	6.7	5.3	7.3	7.7	5.3	7.0	7.0	7.3	7.3	7.0	6.7	6.3	6.3	5.7	5.0	5.0	6.3	6.3
SEABREEZE GT	6.3	5.3	3.3	7.7	7.0	4.3	6.7	7.0	7.3	7.3	7.0	6.3	6.0	6.0	5.3	5.0	4.7	6.1	6.1
BAR FRT 5002	6.3	5.7	4.7	7.7	7.0	5.0	6.0	6.3	6.7	6.7	6.0	5.7	5.7	5.3	4.3	3.0	2.0	5.2	5.2
LSD VALUE	1.5	2.4	1.8	1.5	0.8	2.0	1.5	1.2	0.8	0.8	1.6	1.2	2.1	2.4	2.0	3.3	3.1	1.6	1.6
C.V. (%)	10.2	17.9	17.6	8.8	4.6	18.0	10.2	7.8	4.7	4.7	10.6	8.5	15.2	17.9	17.3	32.6	34.3	11.9	11.9

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

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

TABLE 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS  
 GROWN AT SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO), CA 1/  
 2015 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	PINK SNOW MOLD	FALL COLOR DECEMBER	QUALITY RATINGS													MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
PPG-FRT 101	6.7	7.0	7.3	6.3	6.0	7.3	7.0	7.3	7.3	7.7	7.3	6.7	7.0	7.0	6.7	6.3	6.3	7.0	
PST-4BEN	7.3	6.7	7.0	6.3	7.0	6.7	6.7	6.7	7.0	7.3	7.0	6.7	6.3	6.3	6.7	6.7	6.0	6.7	
DLF-FRR 6162	7.0	6.7	6.7	6.7	7.0	6.7	6.7	6.7	6.3	6.3	6.7	5.7	6.3	6.7	7.3	7.0	6.7	6.6	
DLFPS-FRC/3060	7.0	6.3	7.0	6.3	6.7	6.3	6.3	6.3	7.0	6.7	7.0	6.3	6.7	6.7	6.7	6.3	6.7	6.6	
NAVIGATOR II	7.0	6.3	7.0	5.0	7.0	6.3	6.3	6.7	7.0	7.3	7.0	6.0	6.3	6.3	6.7	6.3	6.3	6.6	
PPG-FRC 114	7.0	6.7	7.0	7.3	7.7	6.7	6.7	6.7	7.3	7.3	7.0	6.0	6.3	6.7	6.0	6.3	6.0	6.6	
7C34	7.3	7.0	7.0	6.7	6.0	7.0	7.0	7.0	6.7	6.7	7.0	5.7	6.3	7.0	6.0	5.7	6.0	6.5	
BEACON	6.3	7.0	6.7	4.7	7.0	7.3	7.3	7.3	7.7	7.3	6.7	6.0	6.0	6.3	5.7	5.3	4.7	6.5	
DLFPS-FRC/3057	7.0	6.7	7.0	7.7	7.3	6.7	6.7	6.7	7.0	7.0	6.7	5.7	6.0	6.3	6.0	6.3	6.3	6.4	
MARVEL	7.0	6.0	7.3	6.7	7.0	6.0	6.0	6.0	6.3	7.0	7.3	6.0	6.3	6.7	6.3	6.3	6.3	6.4	
DLF-FRC 3338	7.0	6.7	7.0	7.7	7.3	6.7	6.7	6.7	6.7	7.3	6.7	4.7	5.7	6.0	5.7	5.7	6.7	6.3	
PPG-FRR 111	7.0	6.7	6.7	6.7	7.3	6.7	6.7	6.7	6.3	6.7	6.7	5.7	5.7	6.0	6.3	6.3	6.3	6.3	
RAD-FR33R	7.7	6.0	6.3	7.7	7.7	6.0	6.0	6.0	6.7	7.0	6.7	5.7	6.0	5.7	6.7	6.3	6.7	6.3	
BAR FRT 5002	6.3	5.7	6.7	6.0	6.0	5.7	5.7	5.7	6.3	7.3	6.7	5.0	5.7	6.7	6.3	6.7	6.3	6.2	
BEUDIN	6.3	7.0	6.7	6.0	6.7	7.0	7.0	7.0	6.7	6.7	6.7	3.7	5.0	6.3	6.0	6.3	5.7	6.2	
PST-4BND	7.3	7.0	6.3	5.3	7.7	7.0	7.0	7.0	7.0	7.3	6.3	5.0	5.3	5.3	6.0	5.3	5.3	6.2	
PST-4RUE	7.7	6.0	7.0	6.3	7.0	6.0	6.0	6.0	6.7	7.0	7.0	5.0	5.7	6.7	6.0	6.0	6.0	6.2	
RAD-FC32	7.7	6.7	6.7	7.3	8.0	6.7	7.0	7.0	6.3	6.0	6.3	5.3	6.0	6.0	5.7	6.3	6.0	6.2	
CASCADE	7.0	6.3	6.3	7.7	7.0	6.3	6.3	6.3	6.3	6.7	6.0	4.7	5.7	6.3	6.3	6.3	6.3	6.1	
DLFPS-FRR/3068	7.3	6.0	6.7	7.0	7.3	6.0	6.0	6.0	6.3	6.0	6.3	4.7	5.7	6.7	6.7	6.7	6.3	6.1	
MNHD-14	7.3	6.7	6.3	5.7	8.0	6.7	7.0	7.0	6.7	7.0	6.3	5.3	5.3	5.3	5.3	5.3	5.7	6.1	
PST-4DR4	6.7	6.0	7.0	6.0	7.0	6.0	6.0	6.0	6.3	6.7	7.0	5.7	5.3	5.7	6.3	6.3	6.0	6.1	
PST-4ED4	7.7	6.0	6.3	6.0	7.0	6.0	6.3	6.0	6.3	7.0	6.7	5.0	6.0	6.3	6.0	5.7	5.3	6.1	
RAD-FR47	7.3	6.3	6.7	6.7	7.3	6.3	6.3	6.0	6.3	6.7	6.7	4.3	5.3	6.3	6.3	6.3	6.0	6.1	
RADAR	7.3	6.3	7.0	6.3	7.7	6.3	6.7	6.7	6.3	6.3	6.7	5.0	5.3	6.0	6.0	6.0	5.7	6.1	
RESOLUTE (7H7)	7.0	6.7	6.7	5.0	7.7	6.7	6.7	6.7	6.7	7.0	6.7	5.0	5.3	6.0	5.7	5.3	5.0	6.1	
SWORD	7.0	6.0	6.3	4.3	7.7	6.0	6.0	6.0	6.7	7.3	6.3	5.7	6.0	6.0	6.0	5.7	5.0	6.1	
DLFPS-FL/3066	7.0	6.3	6.7	5.7	7.7	6.3	6.3	6.3	6.3	6.7	6.3	5.0	5.7	5.7	6.3	5.7	5.3	6.0	
PPG-FRC 113	7.0	6.3	6.3	7.0	7.7	6.3	6.3	6.3	6.7	7.0	6.3	4.0	4.7	6.0	6.0	6.0	6.7	6.0	
RAD-FC44	7.0	6.3	6.7	7.3	7.7	6.3	6.3	6.3	6.7	6.7	5.7	4.3	5.3	6.7	6.0	6.0	6.0	6.0	
C14-OS3	7.0	6.0	6.3	7.3	7.3	6.0	6.0	6.0	6.0	6.0	6.3	4.7	5.3	6.0	6.3	6.3	6.3	5.9	
DLFPS-FL/3060	6.3	6.0	6.3	4.7	7.0	6.0	6.0	6.0	6.7	6.3	6.3	5.7	6.0	5.7	5.7	5.3	5.0	5.9	
BOREAL	7.0	5.7	6.3	6.7	6.3	5.7	6.0	5.7	6.3	6.3	6.7	5.0	5.3	5.7	5.3	5.7	6.3	5.8	
JETTY (PPG-FL 106)	7.7	5.7	6.7	5.7	7.7	5.7	6.0	5.7	6.3	7.3	6.3	5.3	5.7	5.3	5.7	5.3	5.3	5.8	
KENT	7.0	6.0	6.3	6.3	7.0	6.0	6.0	6.0	6.0	6.3	6.3	4.0	5.3	6.3	5.7	5.7	5.3	5.8	
BAR 6FR 126	6.7	6.0	6.3	7.3	6.3	6.0	6.0	6.0	6.7	6.7	6.3	4.3	5.3	5.7	5.0	5.0	5.0	5.7	
MINIMUS	6.7	6.0	6.3	4.7	7.7	6.0	6.3	6.3	6.0	6.7	6.0	4.3	5.0	5.3	5.0	5.0	4.7	5.6	
SEABREEZE GT	6.7	5.3	6.3	4.7	6.0	5.3	5.7	5.3	6.0	6.7	6.3	5.3	5.3	5.7	6.0	5.3	4.7	5.6	
BAR VV-VP3-CT	7.3	6.0	6.0	6.7	7.7	6.0	6.0	6.0	6.7	6.3	6.0	3.7	5.0	6.0	4.7	5.0	5.0	5.5	
DLFPS-FRR/3069	6.7	6.0	6.3	5.7	7.3	6.0	6.3	6.0	6.3	6.3	6.0	3.7	5.0	5.0	5.0	5.0	5.3	5.5	
GLADIATOR (TH456)	6.7	6.3	6.3	4.7	7.7	6.3	6.3	6.3	6.0	6.0	6.0	3.7	4.7	5.7	5.0	5.3	5.0	5.5	
QUATRO	6.3	5.7	6.0	6.0	6.7	5.7	5.7	5.7	6.0	6.0	6.0	3.0	3.7	4.7	4.7	5.0	5.0	5.1	
LSD VALUE	1.3	1.3	1.4	1.8	1.0	1.2	1.3	1.3	1.5	2.1	1.3	3.3	2.2	2.5	3.5	1.8	1.6	1.2	
C.V. (%)	7.6	8.9	7.6	15.8	7.7	9.0	8.8	9.5	8.6	10.5	8.0	24.7	15.4	13.8	17.1	12.7	13.5	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 7B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN AT SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO),CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	PINK SNOW MOLD	FALL COLOR DECEMBER	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DLFPS-FRC/3060	7.0	6.3	7.0	6.3	6.7	6.3	6.3	6.3	7.0	6.7	7.0	6.3	6.7	6.7	6.7	6.3	6.7	6.6
PPG-FRC 114	7.0	6.7	7.0	7.3	7.7	6.7	6.7	6.7	7.3	7.3	7.0	6.0	6.3	6.7	6.0	6.3	6.0	6.6
DLFPS-FRC/3057	7.0	6.7	7.0	7.7	7.3	6.7	6.7	6.7	7.0	7.0	6.7	5.7	6.0	6.3	6.0	6.3	6.3	6.4
DLF-FRC 3338	7.0	6.7	7.0	7.7	7.3	6.7	6.7	6.7	6.7	7.3	6.7	4.7	5.7	6.0	5.7	5.7	6.7	6.3
RAD-FC32	7.7	6.7	6.7	7.3	8.0	6.7	7.0	7.0	6.3	6.0	6.3	5.3	6.0	6.0	5.7	6.3	6.0	6.2
CASCADE	7.0	6.3	6.3	7.7	7.0	6.3	6.3	6.3	6.3	6.7	6.0	4.7	5.7	6.3	6.3	6.3	6.3	6.1
RADAR	7.3	6.3	7.0	6.3	7.7	6.3	6.7	6.7	6.3	6.3	6.7	5.0	5.3	6.0	6.0	6.0	5.7	6.1
PPG-FRC 113	7.0	6.3	6.3	7.0	7.7	6.3	6.3	6.3	6.7	7.0	6.3	4.0	4.7	6.0	6.0	6.0	6.7	6.0
RAD-FC44	7.0	6.3	6.7	7.3	7.7	6.3	6.3	6.3	6.7	6.7	5.7	4.3	5.3	6.7	6.0	6.0	6.0	6.0
BAR 6FR 126	6.7	6.0	6.3	7.3	6.3	6.0	6.0	6.0	6.7	6.7	6.3	4.3	5.3	5.7	5.0	5.0	5.0	5.7
BAR VV-VP3-CT	7.3	6.0	6.0	6.7	7.7	6.0	6.0	6.0	6.7	6.3	6.0	3.7	5.0	6.0	4.7	5.0	5.0	5.5
LSD VALUE	0.8	1.7	1.2	1.6	0.9	1.7	1.8	1.8	1.8	1.5	1.3	2.7	1.9	2.7	3.8	2.7	1.1	1.4
C.V. (%)	5.0	9.3	7.7	9.7	6.6	9.3	10.1	10.1	9.4	9.2	8.7	23.4	14.6	14.5	22.4	16.6	9.8	9.0

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

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

TABLE 7C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN AT SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO),CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	PINK SNOW MOLD	FALL COLOR DECEMBER	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-4BEN	7.3	6.7	7.0	6.3	7.0	6.7	6.7	6.7	7.0	7.3	7.0	6.7	6.3	6.3	6.7	6.7	6.0	6.7
DLF-FRR 6162	7.0	6.7	6.7	6.7	7.0	6.7	6.7	6.7	6.3	6.3	6.7	5.7	6.3	6.7	7.3	7.0	6.7	6.6
NAVIGATOR II	7.0	6.3	7.0	5.0	7.0	6.3	6.3	6.7	7.0	7.3	7.0	6.0	6.3	6.3	6.7	6.3	6.3	6.6
7C34	7.3	7.0	7.0	6.7	6.0	7.0	7.0	7.0	6.7	6.7	7.0	5.7	6.3	7.0	6.0	5.7	6.0	6.5
MARVEL	7.0	6.0	7.3	6.7	7.0	6.0	6.0	6.0	6.3	7.0	7.3	6.0	6.3	6.7	6.3	6.3	6.3	6.4
PPG-FRR 111	7.0	6.7	6.7	6.7	7.3	6.7	6.7	6.7	6.3	6.7	6.7	5.7	5.7	6.0	6.3	6.3	6.3	6.3
RAD-FR33R	7.7	6.0	6.3	7.7	7.7	6.0	6.0	6.0	6.7	7.0	6.7	5.7	6.0	5.7	6.7	6.3	6.7	6.3
PST-4RUE	7.7	6.0	7.0	6.3	7.0	6.0	6.0	6.0	6.7	7.0	7.0	5.0	5.7	6.7	6.0	6.0	6.0	6.2
DLFPS-FRR/3068	7.3	6.0	6.7	7.0	7.3	6.0	6.0	6.0	6.3	6.0	6.3	4.7	5.7	6.7	6.7	6.7	6.3	6.1
PST-4DR4	6.7	6.0	7.0	6.0	7.0	6.0	6.0	6.0	6.3	6.7	7.0	5.7	5.3	5.7	6.3	6.3	6.0	6.1
PST-4ED4	7.7	6.0	6.3	6.0	7.0	6.0	6.3	6.0	6.3	7.0	6.7	5.0	6.0	6.3	6.0	5.7	5.3	6.1
RAD-FR47	7.3	6.3	6.7	6.7	7.3	6.3	6.3	6.0	6.3	6.7	6.7	4.3	5.3	6.3	6.3	6.3	6.0	6.1
C14-OS3	7.0	6.0	6.3	7.3	7.3	6.0	6.0	6.0	6.0	6.0	6.3	4.7	5.3	6.0	6.3	6.3	6.3	5.9
BOREAL	7.0	5.7	6.3	6.7	6.3	5.7	6.0	5.7	6.3	6.3	6.7	5.0	5.3	5.7	5.3	5.7	6.3	5.8
KENT	7.0	6.0	6.3	6.3	7.0	6.0	6.0	6.0	6.0	6.3	6.3	4.0	5.3	6.3	5.7	5.7	5.3	5.8
DLFPS-FRR/3069	6.7	6.0	6.3	5.7	7.3	6.0	6.3	6.0	6.3	6.3	6.0	3.7	5.0	5.0	5.0	5.0	5.3	5.5
LSD VALUE	1.6	1.6	1.1	2.7	1.4	1.6	1.2	1.6	1.7	1.9	1.0	4.0	3.0	1.9	2.2	1.2	2.2	1.1
C.V. (%)	7.9	9.5	6.9	15.5	8.0	9.5	7.8	9.5	8.7	10.3	6.6	27.1	16.6	12.3	13.9	9.5	12.4	7.4

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

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

TABLE 7D.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS  
GROWN AT SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO),CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	PINK SNOW MOLD	FALL COLOR DECEMBER	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BEACON	6.3	7.0	6.7	4.7	7.0	7.3	7.3	7.3	7.7	7.3	6.7	6.0	6.0	6.3	5.7	5.3	4.7	6.5
BEUDIN	6.3	7.0	6.7	6.0	6.7	7.0	7.0	7.0	6.7	6.7	6.7	3.7	5.0	6.3	6.0	6.3	5.7	6.2
PST-4BND	7.3	7.0	6.3	5.3	7.7	7.0	7.0	7.0	7.0	7.3	6.3	5.0	5.3	5.3	6.0	5.3	5.3	6.2
MNHD-14	7.3	6.7	6.3	5.7	8.0	6.7	7.0	7.0	6.7	7.0	6.3	5.3	5.3	5.3	5.3	5.3	5.7	6.1
RESOLUTE (7H7)	7.0	6.7	6.7	5.0	7.7	6.7	6.7	6.7	6.7	7.0	6.7	5.0	5.3	6.0	5.7	5.3	5.0	6.1
SWORD	7.0	6.0	6.3	4.3	7.7	6.0	6.0	6.0	6.7	7.3	6.3	5.7	6.0	6.0	6.0	5.7	5.0	6.1
DLFPS-FL/3066	7.0	6.3	6.7	5.7	7.7	6.3	6.3	6.3	6.3	6.7	6.3	5.0	5.7	5.7	6.3	5.7	5.3	6.0
DLFPS-FL/3060	6.3	6.0	6.3	4.7	7.0	6.0	6.0	6.0	6.7	6.3	6.3	5.7	6.0	5.7	5.7	5.3	5.0	5.9
JETTY (PPG-FL 106)	7.7	5.7	6.7	5.7	7.7	5.7	6.0	5.7	6.3	7.3	6.3	5.3	5.7	5.3	5.7	5.3	5.3	5.8
MINIMUS	6.7	6.0	6.3	4.7	7.7	6.0	6.3	6.3	6.0	6.7	6.0	4.3	5.0	5.3	5.0	5.0	4.7	5.6
GLADIATOR (TH456)	6.7	6.3	6.3	4.7	7.7	6.3	6.3	6.3	6.0	6.0	6.0	3.7	4.7	5.7	5.0	5.3	5.0	5.5
QUATRO	6.3	5.7	6.0	6.0	6.7	5.7	5.7	5.7	6.0	6.0	6.0	3.0	3.7	4.7	4.7	5.0	5.0	5.1
LSD VALUE	1.3	1.1	1.5	2.8	1.6	1.1	1.2	1.2	1.2	2.1	1.7	2.3	1.7	2.5	2.8	2.2	2.9	1.2
C.V. (%)	8.7	8.6	8.0	20.2	9.0	9.0	8.8	9.3	8.7	12.0	8.8	22.9	15.0	15.9	17.6	13.7	17.9	8.8

TABLE 7E.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN AT SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO),CA 1/  
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	PINK SNOW MOLD	FALL COLOR DECEMBER	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PPG-FRT 101	6.7	7.0	7.3	6.3	6	7.3	7.0	7.3	7.3	7.7	7.3	6.7	7.0	7.0	6.7	6.3	6.3	7.0
BAR FRT 5002	6.3	5.7	6.7	6.0	6	5.7	5.7	5.7	6.3	7.3	6.7	5.0	5.7	6.7	6.3	6.7	6.3	6.2
SEABREEZE GT	6.7	5.3	6.3	4.7	6	5.3	5.7	5.3	6.0	6.7	6.3	5.3	5.3	5.7	6.0	5.3	4.7	5.6
LSD VALUE	1.2	0.9	0.8	1.9	0	0.8	1.2	0.8	1.2	1.5	0.8	2.5	1.9	1.2	0.9	0.8	1.8	0.9
C.V. (%)	8.0	6.8	4.9	14.4	0	5.5	8.6	5.5	8.0	9.2	4.9	19.1	13.6	8.2	6.4	5.5	13.5	6.1

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 8A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN UNDER FAIRWAY MOWING HEIGHT AT WEST LAFAYETTE, IN 1/  
2015 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT	NOV	
C14-OS3	7.3	6.7	7.3	7.3	8.0	7.7	6.0	6.0	6.3	7.0
PPG-FRR 111	8.0	6.0	7.0	7.3	7.3	7.0	6.7	6.7	6.7	7.0
NAVIGATOR II	7.3	6.3	7.0	7.0	7.3	7.0	6.7	6.3	6.7	6.9
RAD-FR33R	8.0	6.0	7.0	7.0	7.7	7.0	7.0	6.3	6.3	6.9
RADAR	7.3	6.3	7.3	7.3	7.3	7.0	6.7	6.0	6.7	6.9
DLF-FRC 3338	7.0	7.0	7.7	7.3	7.0	6.3	6.7	6.3	6.3	6.8
DLFPS-FRR/3069	7.0	6.0	7.0	7.0	6.7	6.7	6.3	7.3	6.3	6.8
KENT	6.7	5.7	7.3	7.0	6.7	6.7	7.0	6.3	6.3	6.8
PST-4BEN	8.0	6.3	6.7	7.0	7.3	6.7	6.3	6.7	6.7	6.8
PPG-FRC 113	7.3	6.0	7.3	7.0	7.3	6.0	6.7	6.0	6.3	6.7
PPG-FRT 101	7.0	5.7	6.7	7.0	7.0	7.3	7.0	6.0	5.7	6.7
DLFPS-FRR/3068	7.7	6.0	7.0	7.0	7.0	6.7	6.0	6.3	6.3	6.6
PST-4DR4	7.7	6.3	6.3	6.3	6.7	6.7	6.7	6.7	6.7	6.6
7C34	6.7	6.7	7.3	7.3	7.0	5.3	6.3	6.3	5.7	6.5
DLF-FRR 6162	6.7	5.3	7.3	7.3	7.0	6.0	6.0	5.7	6.0	6.5
DLFPS-FRC/3057	7.3	6.7	7.3	7.3	6.7	6.0	6.0	5.7	6.3	6.5
PST-4ED4	7.7	6.3	7.0	7.0	7.3	5.7	6.7	6.0	6.0	6.5
MARVEL	7.3	6.3	7.3	6.7	6.7	6.0	6.3	6.0	6.0	6.4
PPG-FRC 114	7.0	6.0	7.0	6.7	6.7	6.7	6.3	5.3	6.0	6.4
DLFPS-FRC/3060	7.0	6.7	7.0	7.0	7.0	6.3	5.7	5.7	5.7	6.3
JETTY (PPG-FL 106)	7.3	5.7	6.3	6.7	7.3	5.3	6.3	5.7	6.3	6.3
RAD-FR47	7.3	5.7	7.3	6.3	6.3	5.7	6.3	6.3	6.0	6.3
BAR 6FR 126	7.0	6.3	7.0	6.7	6.7	5.7	6.3	5.3	5.7	6.2
BAR VV-VP3-CT	6.3	7.3	7.3	7.0	6.7	6.0	5.7	5.7	5.3	6.2
MNHD-14	6.5	7.0	7.0	7.0	6.7	5.0	6.0	5.5	5.5	6.2
RAD-FC44	7.3	6.7	7.7	7.0	6.7	6.0	6.0	5.0	5.3	6.2
GLADIATOR (TH456)	7.0	7.5	6.7	6.7	6.7	5.0	7.0	6.5	5.0	6.1
RAD-FC32	8.0	6.3	6.7	6.7	6.3	5.7	6.3	5.3	6.0	6.1
BAR FRT 5002	6.0	7.0	7.7	6.7	6.7	5.0	5.3	5.3	5.7	6.0
BEUDIN	5.7	6.7	7.0	6.7	6.7	5.7	6.0	4.7	5.3	6.0
DLFPS-FL/3060	6.0	6.3	7.0	7.0	6.7	4.7	5.3	5.7	5.3	6.0
PST-4RUE	6.7	5.7	7.0	6.7	6.0	5.0	6.0	5.3	5.7	6.0
DLFPS-FL/3066	7.0	6.3	7.0	7.0	6.3	4.0	5.0	5.7	6.0	5.9
PST-4BND	6.3	6.3	6.7	6.7	6.7	4.7	5.3	5.3	5.7	5.9
BOREAL	4.7	5.7	6.7	6.7	6.0	5.7	5.3	5.0	5.3	5.8
CASCADE	6.0	6.0	6.5	6.3	7.0	5.7	5.3	4.7	5.3	5.8
MINIMUS	6.7	7.0	6.7	6.7	6.7	4.3	5.7	5.3	5.3	5.8
SEABREEZE GT	5.7	5.0	5.0	5.5	6.0	6.0	6.5	5.5	6.0	5.8
BEACON	6.0	6.5	7.0	6.7	6.3	3.7	5.3	5.7	5.3	5.7
QUATRO	8.3	5.3	6.3	6.3	6.3	5.7	5.0	5.0	5.0	5.7
RESOLUTE (7H7)	7.0	6.0	6.7	6.3	6.3	3.3	5.5	5.5	5.7	5.6
SWORD	6.7	5.7	5.7	6.0	6.3	4.7	5.0	5.7	5.3	5.5
LSD VALUE	1.7	1.7	1.4	2.4	1.9	2.5	1.9	1.7	1.7	1.1
C.V. (%)	12.3	11.2	8.8	9.7	9.7	20.4	12.8	12.8	11.3	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 8B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CHEWINGS FESCUE CULTIVARS  
GROWN UNDER FAIRWAY MOWING HEIGHT AT WEST LAFAYETTE, IN 1/  
2015 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	QUALITY RATINGS								MEAN
			MAY	JUN	JUL	AUG	SEP	OCT	NOV		
RADAR	7.3	6.3	7.3	7.3	7.3	7.0	6.7	6.0	6.7	6.9	
DLF-FRC 3338	7.0	7.0	7.7	7.3	7.0	6.3	6.7	6.3	6.3	6.8	
PPG-FRC 113	7.3	6.0	7.3	7.0	7.3	6.0	6.7	6.0	6.3	6.7	
DLFPS-FRC/3057	7.3	6.7	7.3	7.3	6.7	6.0	6.0	5.7	6.3	6.5	
PPG-FRC 114	7.0	6.0	7.0	6.7	6.7	6.7	6.3	5.3	6.0	6.4	
DLFPS-FRC/3060	7.0	6.7	7.0	7.0	7.0	6.3	5.7	5.7	5.7	6.3	
BAR 6FR 126	7.0	6.3	7.0	6.7	6.7	5.7	6.3	5.3	5.7	6.2	
BAR VV-VP3-CT	6.3	7.3	7.3	7.0	6.7	6.0	5.7	5.7	5.3	6.2	
RAD-FC44	7.3	6.7	7.7	7.0	6.7	6.0	6.0	5.0	5.3	6.2	
RAD-FC32	8.0	6.3	6.7	6.7	6.3	5.7	6.3	5.3	6.0	6.1	
CASCADE	6.0	6.0	6.5	6.3	7.0	5.7	5.3	4.7	5.3	5.8	
LSD VALUE	1.9	1.7	1.4	1.5	2.0	3.0	1.9	0.9	1.7	1.1	
C.V. (%)	11.1	10.4	7.5	8.4	10.1	16.9	12.2	8.1	11.7	7.3	

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

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

TABLE 8C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS  
GROWN UNDER FAIRWAY MOWING HEIGHT AT WEST LAFAYETTE, IN 1/  
2015 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	QUALITY RATINGS							MEAN
			MAY	JUN	JUL	AUG	SEP	OCT	NOV	
C14-OS3	7.3	6.7	7.3	7.3	8.0	7.7	6.0	6.0	6.3	7.0
PPG-FRR 111	8.0	6.0	7.0	7.3	7.3	7.0	6.7	6.7	6.7	7.0
NAVIGATOR II	7.3	6.3	7.0	7.0	7.3	7.0	6.7	6.3	6.7	6.9
RAD-FR33R	8.0	6.0	7.0	7.0	7.7	7.0	7.0	6.3	6.3	6.9
DLFPS-FRR/3069	7.0	6.0	7.0	7.0	6.7	6.7	6.3	7.3	6.3	6.8
KENT	6.7	5.7	7.3	7.0	6.7	6.7	7.0	6.3	6.3	6.8
PST-4BEN	8.0	6.3	6.7	7.0	7.3	6.7	6.3	6.7	6.7	6.8
DLFPS-FRR/3068	7.7	6.0	7.0	7.0	7.0	6.7	6.0	6.3	6.3	6.6
PST-4DR4	7.7	6.3	6.3	6.3	6.7	6.7	6.7	6.7	6.7	6.6
7C34	6.7	6.7	7.3	7.3	7.0	5.3	6.3	6.3	5.7	6.5
DLF-FRR 6162	6.7	5.3	7.3	7.3	7.0	6.0	6.0	5.7	6.0	6.5
PST-4ED4	7.7	6.3	7.0	7.0	7.3	5.7	6.7	6.0	6.0	6.5
MARVEL	7.3	6.3	7.3	6.7	6.7	6.0	6.3	6.0	6.0	6.4
RAD-FR47	7.3	5.7	7.3	6.3	6.3	5.7	6.3	6.3	6.0	6.3
PST-4RUE	6.7	5.7	7.0	6.7	6.0	5.0	6.0	5.3	5.7	6.0
BOREAL	4.7	5.7	6.7	6.7	6.0	5.7	5.3	5.0	5.3	5.8
LSD VALUE	1.6	2.2	1.5	2.0	1.1	1.4	1.7	1.7	1.3	0.9
C.V. (%)	11.9	12.0	7.4	9.5	8.4	11.5	10.2	11.7	8.8	6.2

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 8D. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF HARD AND SHEEP FESCUE CULTIVARS  
GROWN UNDER FAIRWAY MOWING HEIGHT AT WEST LAFAYETTE, IN 1/  
2015 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	QUALITY RATINGS							
			MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
JETTY (PPG-FL 106)	7.3	5.7	6.3	6.7	7.3	5.3	6.3	5.7	6.3	6.3
MNHD-14	6.5	7.0	7.0	7.0	6.7	5.0	6.0	5.5	5.5	6.2
GLADIATOR (TH456)	7.0	7.5	6.7	6.7	6.7	5.0	7.0	6.5	5.0	6.1
BEUDIN	5.7	6.7	7.0	6.7	6.7	5.7	6.0	4.7	5.3	6.0
DLFPS-FL/3060	6.0	6.3	7.0	7.0	6.7	4.7	5.3	5.7	5.3	6.0
DLFPS-FL/3066	7.0	6.3	7.0	7.0	6.3	4.0	5.0	5.7	6.0	5.9
PST-4BND	6.3	6.3	6.7	6.7	6.7	4.7	5.3	5.3	5.7	5.9
MINIMUS	6.7	7.0	6.7	6.7	6.7	4.3	5.7	5.3	5.3	5.8
BEACON	6.0	6.5	7.0	6.7	6.3	3.7	5.3	5.7	5.3	5.7
QUATRO	8.3	5.3	6.3	6.3	6.3	5.7	5.0	5.0	5.0	5.7
RESOLUTE (7H7)	7.0	6.0	6.7	6.3	6.3	3.3	5.5	5.5	5.7	5.6
SWORD	6.7	5.7	5.7	6.0	6.3	4.7	5.0	5.7	5.3	5.5
LSD VALUE	2.3	1.7	2.0	2.2	2.0	5.3	3.0	2.8	2.1	2.2
C.V. (%)	14.1	11.4	10.8	10.9	10.2	37.0	18.4	16.6	13.2	11.9

TABLE 8E. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS  
GROWN UNDER FAIRWAY MOWING HEIGHT AT WEST LAFAYETTE, IN 1/  
2015 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	QUALITY RATINGS							
			MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PPG-FRT 101	7.0	5.7	6.7	7.0	7.0	7.3	7.0	6.0	5.7	6.7
BAR FRT 5002	6.0	7.0	7.7	6.7	6.7	5.0	5.3	5.3	5.7	6.0
SEABREEZE GT	5.7	5.0	5.0	5.5	6.0	6.0	6.5	5.5	6.0	5.8
LSD VALUE	1.5	1.3	1.5	1.1	1.2	2.5	1.0	2.4	1.5	0.0
C.V. (%)	10.7	7.9	7.8	6.3	6.9	14.8	5.3	16.6	10.0	0.0

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

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

TABLE 9A.

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	CT1	IL1	MI1	MN1	MN2	MO1	NC1	NJ1	NJ2	OR1	QE1	WA1	MEAN
RAD-FC32	7.3	6.7	7.3	7.3	6.7	8.7	8.7	6.3	8.3	7.3	7.7	6.7	7.4
RAD-FC44	8.0	6.7	6.3	7.0	6.7	8.0	8.7	5.7	8.3	7.0	8.0	7.0	7.3
RESOLUTE (7H7)	7.3	6.7	7.0	6.7	7.7	5.3	8.0	8.7	7.3	8.0	7.0	6.0	7.1
JETTY (PPG-FL 106)	7.3	6.3	6.7	6.3	7.0	6.3	8.0	8.0	7.0	8.0	7.0	7.0	7.1
PPG-FRC 114	7.3	6.3	6.0	8.0	6.0	7.7	8.0	5.3	7.3	7.0	7.7	7.0	7.0
DLFPS-FL/3060	7.3	6.3	6.3	5.0	6.3	6.0	8.0	7.7	7.0	7.7	7.3	8.0	6.9
RAD-FR33R	7.0	6.7	6.0	5.7	5.0	8.3	8.7	6.0	8.0	7.0	7.7	6.7	6.9
RAD-FR47	7.7	7.3	5.7	5.7	5.0	8.0	8.3	5.7	8.0	7.0	7.3	7.0	6.9
SWORD	7.3	5.7	6.7	6.3	7.0	5.3	7.7	7.3	7.3	8.0	7.0	6.7	6.9
DLFPS-FL/3066	7.3	6.3	6.7	7.0	7.0	5.0	7.3	8.0	7.0	7.3	6.3	7.0	6.9
MNHD-14	7.0	5.7	6.3	6.7	7.0	5.3	8.0	7.7	6.7	7.7	6.0	7.3	6.8
DLF-FRC 3338	7.3	6.3	6.3	6.0	5.7	7.7	8.0	5.0	7.3	7.0	7.3	7.0	6.8
PST-4BND	7.3	6.0	6.7	6.0	6.3	5.3	8.0	7.7	6.0	7.7	6.3	7.0	6.7
RADAR	7.3	6.3	5.7	6.7	5.7	6.0	8.0	5.3	6.7	7.0	7.0	6.7	6.5
PPG-FRR 111	8.0	6.0	5.3	5.0	5.3	7.0	7.7	5.0	8.0	7.0	8.0	6.0	6.5
QUATRO	7.3	6.0	6.3	4.7	8.0	4.7	6.7	9.0	5.7	7.0	6.3	6.7	6.5
MINIMUS	7.3	6.3	6.3	5.7	6.3	5.0	7.7	6.7	6.3	7.3	7.0	5.7	6.5
GLADIATOR (TH456)	6.3	6.7	6.7	6.0	5.3	5.0	7.3	7.0	6.7	7.3	6.3	6.7	6.4
PST-4ED4	8.0	6.0	5.3	4.3	4.3	7.0	7.7	5.7	7.3	7.0	7.3	7.0	6.4
PST-4RUE	8.0	6.7	5.3	5.3	5.3	7.0	8.0	4.0	6.7	7.0	6.7	7.0	6.4
PST-4DR4	8.0	6.0	5.0	4.7	4.0	7.0	7.7	5.3	7.3	7.0	7.7	6.7	6.4
DLFPS-FRC/3057	7.0	6.0	5.0	6.0	5.0	7.3	8.0	5.0	6.0	7.0	6.7	7.0	6.3
DLFPS-FRR/3068	7.0	6.0	5.7	4.0	4.0	7.0	8.0	5.0	7.0	7.0	8.0	7.0	6.3
PST-4BEN	7.3	5.7	6.0	5.0	4.0	7.0	7.7	5.3	6.3	7.0	7.3	6.7	6.3
DLF-FRR 6162	7.0	6.7	5.3	3.7	4.3	7.7	8.0	5.0	6.7	7.0	7.3	6.7	6.3
PPG-FRC 113	6.7	5.7	5.3	6.0	5.3	7.0	7.7	6.0	5.3	7.0	6.3	7.0	6.3
DLFPS-FRC/3060	6.7	5.7	5.3	5.3	5.3	7.3	8.3	4.3	6.0	7.0	6.7	7.0	6.3
BAR VV-VP3-CT	6.7	6.0	5.7	6.0	5.7	6.0	7.7	4.5	6.3	7.0	7.0	6.3	6.2
7C34	7.0	6.0	5.7	4.0	4.0	7.3	8.0	5.0	6.3	7.0	7.3	6.7	6.2
NAVIGATOR II	7.3	6.0	5.0	4.7	4.7	7.0	8.0	5.0	6.7	7.0	6.7	6.3	6.2
MARVEL	6.3	5.7	5.3	3.7	4.3	6.7	8.0	5.0	7.0	7.0	7.7	6.7	6.1
C14-OS3	6.7	6.0	5.7	5.3	4.7	6.0	7.7	5.0	6.0	6.7	7.0	6.7	6.1
BEACON	6.0	6.0	5.7	5.7	5.7	5.3	7.3	5.3	5.3	7.0	6.3	7.0	6.1
DLFPS-FRR/3069	6.3	6.3	5.0	3.7	4.0	6.3	7.3	4.3	7.0	7.0	6.7	7.3	5.9
KENT	6.7	6.3	5.0	3.7	4.0	6.3	7.7	3.7	7.3	7.0	6.3	6.7	5.9
CASCADE	6.0	6.0	4.7	5.3	4.3	6.3	7.0	4.0	6.0	6.7	6.3	7.0	5.8
BAR 6FR 126	6.3	6.0	5.0	4.3	4.7	5.0	7.0	4.3	6.3	6.7	6.7	6.0	5.7
PPG-FRT 101	6.3	6.0	5.3	4.7	4.0	6.0	7.0	3.7	5.7	7.0	6.0	6.7	5.7
SEABREEZE GT	7.3	6.0	5.0	3.3	3.7	5.7	7.0	3.0	5.0	6.7	5.7	6.7	5.4
BAR FRT 5002	5.7	5.7	5.0	2.0	3.0	5.3	7.0	2.3	4.3	7.0	6.3	6.7	5.0
BOREAL	5.3	6.0	4.3	2.7	4.7	4.3	7.3	1.0	7.0	6.7	5.0	6.0	5.0
BEUDIN	5.3	6.0	5.0	1.0	2.0	5.7	7.0	2.0	4.0	7.0	5.7	6.7	4.8
LSD VALUE	1.0	0.9	0.9	1.2	1.0	1.3	0.7	1.3	1.1	0.5	1.2	1.2	0.3
C.V. (%)	9.3	9.0	10.0	14.3	11.5	12.5	5.3	14.6	10.5	4.3	10.7	11.5	10.3

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 9B.

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	CT1	IL1	MI1	MN1	MN2	MO1	NC1	NJ1	NJ2	OR1	QE1	WA1	MEAN
RAD-FC32	7.3	6.7	7.3	7.3	6.7	8.7	8.7	6.3	8.3	7.3	7.7	6.7	7.4
RAD-FC44	8.0	6.7	6.3	7.0	6.7	8.0	8.7	5.7	8.3	7.0	8.0	7.0	7.3
PPG-FRC 114	7.3	6.3	6.0	8.0	6.0	7.7	8.0	5.3	7.3	7.0	7.7	7.0	7.0
DLF-FRC 3338	7.3	6.3	6.3	6.0	5.7	7.7	8.0	5.0	7.3	7.0	7.3	7.0	6.8
RADAR	7.3	6.3	5.7	6.7	5.7	6.0	8.0	5.3	6.7	7.0	7.0	6.7	6.5
DLFPS-FRC/3057	7.0	6.0	5.0	6.0	5.0	7.3	8.0	5.0	6.0	7.0	6.7	7.0	6.3
PPG-FRC 113	6.7	5.7	5.3	6.0	5.3	7.0	7.7	6.0	5.3	7.0	6.3	7.0	6.3
DLFPS-FRC/3060	6.7	5.7	5.3	5.3	5.3	7.3	8.3	4.3	6.0	7.0	6.7	7.0	6.3
BAR VV-VP3-CT	6.7	6.0	5.7	6.0	5.7	6.0	7.7	4.5	6.3	7.0	7.0	6.3	6.2
CASCADE	6.0	6.0	4.7	5.3	4.3	6.3	7.0	4.0	6.0	6.7	6.3	7.0	5.8
BAR 6FR 126	6.3	6.0	5.0	4.3	4.7	5.0	7.0	4.3	6.3	6.7	6.7	6.0	5.7
LSD VALUE	1.0	0.7	0.9	1.2	1.1	1.6	0.6	1.3	1.0	0.5	1.3	1.3	0.3
C.V. (%)	9.3	7.5	10.1	11.6	12.2	14.3	4.9	15.2	9.7	4.3	11.9	11.8	10.4

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

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

TABLE 9C.

GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	CT1	IL1	MI1	MN1	MN2	MO1	NC1	NJ1	NJ2	OR1	QE1	WA1	MEAN
RAD-FR33R	7.0	6.7	6.0	5.7	5.0	8.3	8.7	6.0	8.0	7.0	7.7	6.7	6.9
RAD-FR47	7.7	7.3	5.7	5.7	5.0	8.0	8.3	5.7	8.0	7.0	7.3	7.0	6.9
PPG-FRR 111	8.0	6.0	5.3	5.0	5.3	7.0	7.7	5.0	8.0	7.0	8.0	6.0	6.5
PST-4ED4	8.0	6.0	5.3	4.3	4.3	7.0	7.7	5.7	7.3	7.0	7.3	7.0	6.4
PST-4RUE	8.0	6.7	5.3	5.3	5.3	7.0	8.0	4.0	6.7	7.0	6.7	7.0	6.4
PST-4DR4	8.0	6.0	5.0	4.7	4.0	7.0	7.7	5.3	7.3	7.0	7.7	6.7	6.4
DLFPS-FRR/3068	7.0	6.0	5.7	4.0	4.0	7.0	8.0	5.0	7.0	7.0	8.0	7.0	6.3
PST-4BEN	7.3	5.7	6.0	5.0	4.0	7.0	7.7	5.3	6.3	7.0	7.3	6.7	6.3
DLF-FRR 6162	7.0	6.7	5.3	3.7	4.3	7.7	8.0	5.0	6.7	7.0	7.3	6.7	6.3
7C34	7.0	6.0	5.7	4.0	4.0	7.3	8.0	5.0	6.3	7.0	7.3	6.7	6.2
NAVIGATOR II	7.3	6.0	5.0	4.7	4.7	7.0	8.0	5.0	6.7	7.0	6.7	6.3	6.2
MARVEL	6.3	5.7	5.3	3.7	4.3	6.7	8.0	5.0	7.0	7.0	7.7	6.7	6.1
C14-OS3	6.7	6.0	5.7	5.3	4.7	6.0	7.7	5.0	6.0	6.7	7.0	6.7	6.1
DLFPS-FRR/3069	6.3	6.3	5.0	3.7	4.0	6.3	7.3	4.3	7.0	7.0	6.7	7.3	5.9
KENT	6.7	6.3	5.0	3.7	4.0	6.3	7.7	3.7	7.3	7.0	6.3	6.7	5.9
BOREAL	5.3	6.0	4.3	2.7	4.7	4.3	7.3	1.0	7.0	6.7	5.0	6.0	5.0
LSD VALUE	1.0	0.8	0.8	1.2	1.0	1.3	0.7	1.3	1.0	0.3	1.0	1.2	0.3
C.V. (%)	8.4	7.7	9.7	16.9	14.4	11.7	5.8	16.9	9.2	2.9	8.6	10.8	10.0

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

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

TABLE 9D.

GENETIC COLOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/												
	CT1	IL1	MI1	MN1	MN2	MO1	NC1	NJ1	NJ2	OR1	QE1	WA1	MEAN
RESOLUTE (7H7)	7.3	6.7	7.0	6.7	7.7	5.3	8.0	8.7	7.3	8.0	7.0	6.0	7.1
JETTY (PPG-FL 106)	7.3	6.3	6.7	6.3	7.0	6.3	8.0	8.0	7.0	8.0	7.0	7.0	7.1
DLFPS-FL/3060	7.3	6.3	6.3	5.0	6.3	6.0	8.0	7.7	7.0	7.7	7.3	8.0	6.9
SWORD	7.3	5.7	6.7	6.3	7.0	5.3	7.7	7.3	7.3	8.0	7.0	6.7	6.9
DLFPS-FL/3066	7.3	6.3	6.7	7.0	7.0	5.0	7.3	8.0	7.0	7.3	6.3	7.0	6.9
MNHD-14	7.0	5.7	6.3	6.7	7.0	5.3	8.0	7.7	6.7	7.7	6.0	7.3	6.8
PST-4BND	7.3	6.0	6.7	6.0	6.3	5.3	8.0	7.7	6.0	7.7	6.3	7.0	6.7
QUATRO	7.3	6.0	6.3	4.7	8.0	4.7	6.7	9.0	5.7	7.0	6.3	6.7	6.5
MINIMUS	7.3	6.3	6.3	5.7	6.3	5.0	7.7	6.7	6.3	7.3	7.0	5.7	6.5
GLADIATOR (TH456)	6.3	6.7	6.7	6.0	5.3	5.0	7.3	7.0	6.7	7.3	6.3	6.7	6.4
BEACON	6.0	6.0	5.7	5.7	5.7	5.3	7.3	5.3	5.3	7.0	6.3	7.0	6.1
BEUDIN	5.3	6.0	5.0	1.0	2.0	5.7	7.0	2.0	4.0	7.0	5.7	6.7	4.8
LSD VALUE	1.2	1.1	1.1	1.3	0.8	0.9	0.7	1.2	1.3	0.7	1.1	1.3	0.3
C.V. (%)	10.5	11.1	10.5	14.0	7.9	10.3	5.4	10.3	13.1	5.4	10.2	12.0	10.1

TABLE 9E.

GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/												
	CT1	IL1	MI1	MN1	MN2	MO1	NC1	NJ1	NJ2	OR1	QE1	WA1	MEAN
PPG-FRT 101	6.3	6.0	5.3	4.7	4.0	6.0	7	3.7	5.7	7.0	6.0	6.7	5.7
SEABREEZE GT	7.3	6.0	5.0	3.3	3.7	5.7	7	3.0	5.0	6.7	5.7	6.7	5.4
BAR FRT 5002	5.7	5.7	5.0	2.0	3.0	5.3	7	2.3	4.3	7.0	6.3	6.7	5.0
LSD VALUE	0.9	1.1	0.5	0.8	0.5	1.2	0	1.5	0.8	0.5	1.8	1.3	0.3
C.V. (%)	9.0	11.3	6.5	14.1	9.4	13.2	0	31.4	9.4	4.8	18.4	12.2	11.9

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

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

TABLE 10A. SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	CT1	MI1	NC1	ND1	NJ1	QE1	MEAN
BAR 6FR 126	5.7	4.7	8.7	4.7	7.3	6.3	6.2
MARVEL	5.7	5.3	8.3	4.3	6.3	7.0	6.2
CASCADE	5.0	5.3	8.3	4.3	6.7	6.3	6.0
PPG-FRT 101	5.7	5.0	8.3	4.0	6.0	7.0	6.0
BOREAL	5.7	5.7	7.7	5.0	5.7	6.0	5.9
DLF-FRC 3338	6.0	5.0	8.0	4.3	5.7	6.3	5.9
C14-OS3	5.0	5.3	8.3	4.3	5.7	6.7	5.9
RADAR	5.3	5.0	8.3	4.0	6.0	6.7	5.9
DLFPS-FRC/3060	5.0	4.7	8.3	4.3	6.3	6.3	5.8
KENT	4.7	6.0	7.3	4.7	5.7	6.7	5.8
NAVIGATOR II	4.7	5.3	8.3	4.3	5.7	6.7	5.8
DLFPS-FRR/3069	4.7	5.0	8.0	4.3	5.7	7.0	5.8
RAD-FR47	5.7	5.3	7.7	4.3	5.7	6.0	5.8
BAR VV-VP3-CT	5.7	5.0	8.0	4.3	5.0	6.3	5.7
DLF-FRR 6162	4.7	6.0	7.0	4.7	5.3	6.7	5.7
PST-4BEN	5.0	5.7	7.7	4.7	5.0	6.3	5.7
RAD-FC44	5.7	5.0	8.3	4.3	5.0	6.0	5.7
7C34	5.0	5.0	7.7	4.7	5.0	6.7	5.7
DLFPS-FRC/3057	5.3	4.7	7.7	4.3	5.3	6.7	5.7
DLFPS-FRR/3068	4.3	5.0	8.0	4.7	5.0	7.0	5.7
PPG-FRC 113	5.7	5.0	8.7	3.0	5.0	6.7	5.7
RAD-FC32	5.0	5.0	8.3	4.0	5.3	6.0	5.6
PPG-FRC 114	5.3	4.3	8.7	3.0	6.0	6.3	5.6
PST-4DR4	5.0	5.0	7.3	4.0	5.7	6.7	5.6
PPG-FRR 111	4.3	4.7	7.7	4.7	5.0	7.0	5.6
PST-4BND	5.3	4.7	7.7	5.7	2.3	7.7	5.6
PST-4RUE	5.0	4.7	7.0	5.0	5.0	6.7	5.6
RAD-FR33R	4.0	5.3	8.0	4.0	5.7	6.3	5.6
BEUDIN	4.7	6.0	6.7	4.3	4.3	6.7	5.4
MINIMUS	4.0	4.0	8.0	5.3	3.0	8.0	5.4
DLFPS-FL/3060	4.3	4.3	8.0	5.3	2.3	7.7	5.3
GLADIATOR (TH456)	4.7	5.0	7.0	5.7	2.3	7.3	5.3
QUATRO	5.7	4.0	7.3	5.7	2.7	6.7	5.3
RESOLUTE (7H7)	4.7	4.3	7.7	5.7	2.0	7.7	5.3
PST-4ED4	5.3	5.0	7.0	3.0	4.7	6.3	5.2
MNHD-14	4.3	4.7	7.0	6.0	2.0	7.0	5.2
BAR FRT 5002	4.0	5.0	7.0	4.3	2.7	7.3	5.1
DLFPS-FL/3066	4.7	4.0	7.3	5.3	2.0	7.0	5.1
SWORD	4.7	3.7	7.3	4.7	2.0	7.7	5.0
BEACON	4.7	4.3	7.0	4.3	2.0	7.0	4.9
JETTY (PPG-FL 106)	4.3	3.7	7.3	4.3	1.7	8.0	4.9
SEABREEZE GT	5.0	3.7	7.0	2.0	3.7	6.7	4.7
LSD VALUE	1.3	0.9	1.0	0.9	1.2	0.9	0.4
C.V. (%)	16.6	11.1	7.7	12.9	16.4	8.6	11.7

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

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

TABLE 10B. SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	CT1	MI1	NC1	ND1	NJ1	QE1	MEAN
BAR 6FR 126	5.7	4.7	8.7	4.7	7.3	6.3	6.2
CASCADE	5.0	5.3	8.3	4.3	6.7	6.3	6.0
DLF-FRC 3338	6.0	5.0	8.0	4.3	5.7	6.3	5.9
RADAR	5.3	5.0	8.3	4.0	6.0	6.7	5.9
DLFPS-FRC/3060	5.0	4.7	8.3	4.3	6.3	6.3	5.8
BAR VV-VP3-CT	5.7	5.0	8.0	4.3	5.0	6.3	5.7
RAD-FC44	5.7	5.0	8.3	4.3	5.0	6.0	5.7
DLFPS-FRC/3057	5.3	4.7	7.7	4.3	5.3	6.7	5.7
PPG-FRC 113	5.7	5.0	8.7	3.0	5.0	6.7	5.7
RAD-FC32	5.0	5.0	8.3	4.0	5.3	6.0	5.6
PPG-FRC 114	5.3	4.3	8.7	3.0	6.0	6.3	5.6
LSD VALUE	1.8	0.8	1.2	0.7	1.1	0.8	0.5
C.V. (%)	20.3	10.1	8.9	11.3	11.6	8.2	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 10C. SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	CT1	MI1	NC1	ND1	NJ1	QE1	MEAN
MARVEL	5.7	5.3	8.3	4.3	6.3	7.0	6.2
BOREAL	5.7	5.7	7.7	5.0	5.7	6.0	5.9
C14-OS3	5.0	5.3	8.3	4.3	5.7	6.7	5.9
KENT	4.7	6.0	7.3	4.7	5.7	6.7	5.8
NAVIGATOR II	4.7	5.3	8.3	4.3	5.7	6.7	5.8
DLFPS-FRR/3069	4.7	5.0	8.0	4.3	5.7	7.0	5.8
RAD-FR47	5.7	5.3	7.7	4.3	5.7	6.0	5.8
DLF-FRR 6162	4.7	6.0	7.0	4.7	5.3	6.7	5.7
PST-4BEN	5.0	5.7	7.7	4.7	5.0	6.3	5.7
7C34	5.0	5.0	7.7	4.7	5.0	6.7	5.7
DLFPS-FRR/3068	4.3	5.0	8.0	4.7	5.0	7.0	5.7
PST-4DR4	5.0	5.0	7.3	4.0	5.7	6.7	5.6
PPG-FRR 111	4.3	4.7	7.7	4.7	5.0	7.0	5.6
PST-4RUE	5.0	4.7	7.0	5.0	5.0	6.7	5.6
RAD-FR33R	4.0	5.3	8.0	4.0	5.7	6.3	5.6
PST-4ED4	5.3	5.0	7.0	3.0	4.7	6.3	5.2
LSD VALUE	1.2	0.8	0.7	1.0	1.3	0.8	0.4
C.V. (%)	14.7	9.5	5.9	14.6	14.3	7.9	10.8

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 10D. SPRING GREENUP RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/							
NAME	CT1	MI1	NC1	ND1	NJ1	QE1	MEAN
PST-4BND	5.3	4.7	7.7	5.7	2.3	7.7	5.6
BEUDIN	4.7	6.0	6.7	4.3	4.3	6.7	5.4
MINIMUS	4.0	4.0	8.0	5.3	3.0	8.0	5.4
DLFPS-FL/3060	4.3	4.3	8.0	5.3	2.3	7.7	5.3
GLADIATOR (TH456)	4.7	5.0	7.0	5.7	2.3	7.3	5.3
QUATRO	5.7	4.0	7.3	5.7	2.7	6.7	5.3
RESOLUTE (7H7)	4.7	4.3	7.7	5.7	2.0	7.7	5.3
MNHD-14	4.3	4.7	7.0	6.0	2.0	7.0	5.2
DLFPS-FL/3066	4.7	4.0	7.3	5.3	2.0	7.0	5.1
SWORD	4.7	3.7	7.3	4.7	2.0	7.7	5.0
BEACON	4.7	4.3	7.0	4.3	2.0	7.0	4.9
JETTY (PPG-FL 106)	4.3	3.7	7.3	4.3	1.7	8.0	4.9
LSD VALUE	1.1	1.1	1.1	1.0	1.1	1.1	0.4
C.V. (%)	14.7	15.2	9.1	12.0	29.6	9.1	12.8

TABLE 10E. SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/							
NAME	CT1	MI1	NC1	ND1	NJ1	QE1	MEAN
PPG-FRT 101	5.7	5.0	8.3	4.0	6.0	7.0	6.0
BAR FRT 5002	4.0	5.0	7.0	4.3	2.7	7.3	5.1
SEABREEZE GT	5.0	3.7	7.0	2.0	3.7	6.7	4.7
LSD VALUE	1.1	0.5	0.5	0.5	1.5	1.2	0.4
C.V. (%)	13.6	7.3	4.5	9.7	22.9	10.6	11.6

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

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

TABLE 11A. LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	NC1
BAR 6FR 126	9.0
BAR VV-VP3-CT	9.0
BEACON	9.0
BEUDIN	9.0
DLFPS-FL/3060	9.0
DLFPS-FL/3066	9.0
GLADIATOR (TH456)	9.0
JETTY (PPG-FL 106)	9.0
MINIMUS	9.0
PPG-FRC 114	9.0
QUATRO	9.0
RAD-FC32	9.0
RAD-FC44	9.0
RESOLUTE (7H7)	9.0
SWORD	9.0
BAR FRT 5002	8.7
PPG-FRC 113	8.7
PST-4BND	8.7
C14-0S3	8.3
CASCADE	8.3
DLF-FRC 3338	8.3
DLFPS-FRC/3057	8.3
DLFPS-FRC/3060	8.3
MNHD-14	8.3
PPG-FRT 101	8.3
PST-4DR4	8.3
SEABREEZE GT	8.3
7C34	8.0
BOREAL	8.0
DLF-FRR 6162	8.0
DLFPS-FRR/3068	8.0
DLFPS-FRR/3069	8.0
KENT	8.0
MARVEL	8.0
NAVIGATOR II	8.0
PPG-FRR 111	8.0
PST-4BEN	8.0
PST-4ED4	8.0
PST-4RUE	8.0
RAD-FR33R	8.0
RAD-FR47	8.0
RADAR	8.0
LSD VALUE	0.5
C.V. (%)	3.6

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

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



TABLE 11B. LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	NC1
BAR 6FR 126	9.0
BAR VV-VP3-CT	9.0
PPG-FRC 114	9.0
RAD-FC32	9.0
RAD-FC44	9.0
PPG-FRC 113	8.7
CASCADE	8.3
DLF-FRC 3338	8.3
DLFPS-FRC/3057	8.3
DLFPS-FRC/3060	8.3
RADAR	8.0
LSD VALUE	0.6
C.V. (%)	4.5

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

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

TABLE 11C. LEAF TEXTURE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	NC1
C14-OS3	8.3
PST-4DR4	8.3
7C34	8.0
BOREAL	8.0
DLF-FRR 6162	8.0
DLFPS-FRR/3068	8.0
DLFPS-FRR/3069	8.0
KENT	8.0
MARVEL	8.0
NAVIGATOR II	8.0
PPG-FRR 111	8.0
PST-4BEN	8.0
PST-4ED4	8.0
PST-4RUE	8.0
RAD-FR33R	8.0
RAD-FR47	8.0
LSD VALUE	0.3
C.V. (%)	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 11D. LEAF TEXTURE RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	NC1
BEACON	9.0
BEUDIN	9.0
DLFPS-FL/3060	9.0
DLFPS-FL/3066	9.0
GLADIATOR (TH456)	9.0
JETTY (PPG-FL 106)	9.0
MINIMUS	9.0
QUATRO	9.0
RESOLUTE (7H7)	9.0
SWORD	9.0
PST-4BND	8.7
MNHD-14	8.3
LSD VALUE	0.4
C.V. (%)	2.6

TABLE 11E. LEAF TEXTURE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	NC1
BAR FRT 5002	8.7
PPG-FRT 101	8.3
SEABREEZE GT	8.3
LSD VALUE	0.9
C.V. (%)	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 12A. SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	MD1	M01	NC1	NJ1	NJ2	OR1	WA1	MEAN
7C34	7.0	7.0	8.3	6.3	5.0	6.3	7.0	6.7
BAR VV-VP3-CT	6.7	5.7	8.3	6.7	5.0	6.3	6.7	6.5
KENT	6.0	7.0	7.7	6.0	6.0	5.7	6.7	6.4
CASCADE	6.7	5.0	7.7	7.7	5.7	6.0	5.3	6.3
BAR 6FR 126	6.7	5.3	8.3	6.3	5.0	5.3	7.0	6.3
BOREAL	5.3	7.0	8.0	6.3	5.7	5.7	5.7	6.2
C14-OS3	7.0	4.3	7.3	5.3	5.3	6.0	7.0	6.0
DLFPS-FRC/3057	6.7	5.7	8.0	5.7	5.0	5.7	5.3	6.0
DLF-FRC 3338	5.7	5.7	7.7	6.3	5.0	5.7	6.0	6.0
MARVEL	6.3	6.0	7.7	5.0	5.0	5.7	6.3	6.0
PPG-FRC 113	6.0	4.3	7.3	5.7	5.7	6.3	6.7	6.0
DLF-FRR 6162	5.7	5.3	6.7	6.3	5.3	6.0	6.7	6.0
RAD-FC44	6.7	5.7	7.7	5.3	4.7	5.7	6.0	6.0
DLFPS-FRC/3060	6.3	4.3	7.7	6.3	5.7	5.7	5.3	5.9
PPG-FRC 114	6.3	5.0	7.7	6.0	4.7	5.3	6.3	5.9
PPG-FRT 101	5.7	4.7	8.0	6.7	5.0	5.0	6.3	5.9
RAD-FR47	5.7	5.0	7.7	6.0	5.3	6.0	5.7	5.9
PPG-FRR 111	6.3	5.0	7.0	4.7	5.3	6.3	6.7	5.9
NAVIGATOR II	6.0	5.3	7.7	6.0	4.7	6.0	5.0	5.8
RADAR	6.3	5.3	7.3	5.3	5.0	5.7	5.7	5.8
PST-4BEN	4.7	5.3	8.0	5.7	5.3	5.0	6.3	5.8
PST-4ED4	5.3	4.3	7.7	6.3	5.0	5.3	6.3	5.8
RAD-FR33R	5.7	5.3	7.0	6.0	5.0	5.0	6.3	5.8
PST-4DR4	5.3	4.7	7.3	6.3	4.7	6.0	6.0	5.8
GLADIATOR (TH456)	6.0	5.0	6.7	5.7	5.0	6.0	5.7	5.7
RAD-FC32	5.7	5.0	7.3	6.0	4.7	6.3	5.0	5.7
DLFPS-FRR/3068	6.0	4.3	7.3	5.7	4.3	5.3	6.3	5.6
QUATRO	6.7	3.3	6.3	6.7	4.7	5.3	6.3	5.6
PST-4RUE	5.3	4.7	7.0	5.3	5.3	5.3	6.0	5.6
RESOLUTE (7H7)	6.0	4.0	6.7	5.7	4.7	5.3	6.3	5.5
BEUDIN	5.3	3.7	6.7	5.7	5.0	5.7	6.0	5.4
DLFPS-FL/3066	6.0	3.7	6.7	5.0	5.0	6.3	5.3	5.4
BAR FRT 5002	5.7	4.0	7.0	4.0	4.5	6.3	6.0	5.4
MINIMUS	6.0	3.7	6.3	5.0	4.7	4.7	6.3	5.2
PST-4BND	5.7	4.3	6.0	4.7	5.0	5.0	6.0	5.2
BEACON	5.7	4.0	5.7	5.3	4.7	5.7	5.3	5.2
DLFPS-FL/3060	4.3	4.0	6.0	5.0	3.5	5.0	5.3	4.7
MNHD-14	5.7	3.0	6.7	4.0	4.7	4.0	4.3	4.6
DLFPS-FRR/3069	3.0	3.3	7.0	5.0	3.3	3.7	6.3	4.5
JETTY (PPG-FL 106)	3.3	2.0	5.0	4.0	2.7	4.3	4.3	3.7
SEABREEZE GT	2.0	1.7	3.7	3.0	2.0	3.3	5.0	3.0
SWORD	2.0	1.3	3.7	3.3	2.3	3.0	5.0	3.0
LSD VALUE	1.1	2.3	1.7	1.7	1.0	1.9	1.9	0.6
C.V. (%)	11.8	30.8	14.7	18.6	12.3	21.9	20.0	19.0

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

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

TABLE 12B. SEEDLING VIGOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/							MEAN
	MD1	MO1	NC1	NJ1	NJ2	OR1	WA1	
BAR VV-VP3-CT	6.7	5.7	8.3	6.7	5.0	6.3	6.7	6.5
CASCADE	6.7	5.0	7.7	7.7	5.7	6.0	5.3	6.3
BAR 6FR 126	6.7	5.3	8.3	6.3	5.0	5.3	7.0	6.3
DLFPS-FRC/3057	6.7	5.7	8.0	5.7	5.0	5.7	5.3	6.0
DLF-FRC 3338	5.7	5.7	7.7	6.3	5.0	5.7	6.0	6.0
PPG-FRC 113	6.0	4.3	7.3	5.7	5.7	6.3	6.7	6.0
RAD-FC44	6.7	5.7	7.7	5.3	4.7	5.7	6.0	6.0
DLFPS-FRC/3060	6.3	4.3	7.7	6.3	5.7	5.7	5.3	5.9
PPG-FRC 114	6.3	5.0	7.7	6.0	4.7	5.3	6.3	5.9
RADAR	6.3	5.3	7.3	5.3	5.0	5.7	5.7	5.8
RAD-FC32	5.7	5.0	7.3	6.0	4.7	6.3	5.0	5.7
LSD VALUE	1.0	2.4	1.3	1.6	0.9	1.8	2.3	0.6
C.V. (%)	9.9	28.9	10.6	16.3	10.5	19.6	24.0	17.7

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 12C. SEEDLING VIGOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/								
NAME	MD1	MO1	NC1	NJ1	NJ2	OR1	WA1	MEAN
7C34	7.0	7.0	8.3	6.3	5.0	6.3	7.0	6.7
KENT	6.0	7.0	7.7	6.0	6.0	5.7	6.7	6.4
BOREAL	5.3	7.0	8.0	6.3	5.7	5.7	5.7	6.2
C14-OS3	7.0	4.3	7.3	5.3	5.3	6.0	7.0	6.0
MARVEL	6.3	6.0	7.7	5.0	5.0	5.7	6.3	6.0
DLF-FRR 6162	5.7	5.3	6.7	6.3	5.3	6.0	6.7	6.0
RAD-FR47	5.7	5.0	7.7	6.0	5.3	6.0	5.7	5.9
PPG-FRR 111	6.3	5.0	7.0	4.7	5.3	6.3	6.7	5.9
NAVIGATOR II	6.0	5.3	7.7	6.0	4.7	6.0	5.0	5.8
PST-4BEN	4.7	5.3	8.0	5.7	5.3	5.0	6.3	5.8
PST-4ED4	5.3	4.3	7.7	6.3	5.0	5.3	6.3	5.8
RAD-FR33R	5.7	5.3	7.0	6.0	5.0	5.0	6.3	5.8
PST-4DR4	5.3	4.7	7.3	6.3	4.7	6.0	6.0	5.8
DLFPS-FRR/3068	6.0	4.3	7.3	5.7	4.3	5.3	6.3	5.6
PST-4RUE	5.3	4.7	7.0	5.3	5.3	5.3	6.0	5.6
DLFPS-FRR/3069	3.0	3.3	7.0	5.0	3.3	3.7	6.3	4.5
LSD VALUE	1.2	2.1	1.6	1.9	1.0	1.8	1.3	0.6
C.V. (%)	12.7	25.3	13.1	20.0	12.0	20.5	12.4	16.9

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 12D. SEEDLING VIGOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/							MEAN
	MD1	MO1	NC1	NJ1	NJ2	OR1	WA1	
GLADIATOR (TH456)	6.0	5.0	6.7	5.7	5.0	6.0	5.7	5.7
QUATRO	6.7	3.3	6.3	6.7	4.7	5.3	6.3	5.6
RESOLUTE (7H7)	6.0	4.0	6.7	5.7	4.7	5.3	6.3	5.5
BEUDIN	5.3	3.7	6.7	5.7	5.0	5.7	6.0	5.4
DLFPS-FL/3066	6.0	3.7	6.7	5.0	5.0	6.3	5.3	5.4
MINIMUS	6.0	3.7	6.3	5.0	4.7	4.7	6.3	5.2
PST-4BND	5.7	4.3	6.0	4.7	5.0	5.0	6.0	5.2
BEACON	5.7	4.0	5.7	5.3	4.7	5.7	5.3	5.2
DLFPS-FL/3060	4.3	4.0	6.0	5.0	3.5	5.0	5.3	4.7
MNHD-14	5.7	3.0	6.7	4.0	4.7	4.0	4.3	4.6
JETTY (PPG-FL 106)	3.3	2.0	5.0	4.0	2.7	4.3	4.3	3.7
SWORD	2.0	1.3	3.7	3.3	2.3	3.0	5.0	3.0
LSD VALUE	1.1	2.3	2.1	1.6	1.0	2.0	2.0	0.7
C.V. (%)	12.8	40.4	21.4	19.4	13.2	25.2	22.8	22.5

TABLE 12E. SEEDLING VIGOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

NAME	SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/							MEAN
	MD1	MO1	NC1	NJ1	NJ2	OR1	WA1	
PPG-FRT 101	5.7	4.7	8.0	6.7	5.0	5.0	6.3	5.9
BAR FRT 5002	5.7	4.0	7.0	4.0	4.5	6.3	6.0	5.4
SEABREEZE GT	2.0	1.7	3.7	3.0	2.0	3.3	5.0	3.0
LSD VALUE	0.8	2.6	1.4	1.1	1.2	2.0	2.7	0.7
C.V. (%)	10.6	46.4	14.2	14.6	18.4	25.5	28.8	23.9

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 13A. SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
QUATRO	7.7	6.0	6.8
BAR 6FR 126	8.7	4.7	6.7
PPG-FRT 101	8.0	5.0	6.5
RADAR	8.0	5.0	6.5
BAR VV-VP3-CT	7.7	5.0	6.3
DLF-FRC 3338	7.7	5.0	6.3
DLFPS-FRR/3068	7.0	5.7	6.3
GLADIATOR (TH456)	7.0	5.7	6.3
DLFPS-FRC/3060	7.3	5.3	6.3
DLF-FRR 6162	6.7	5.7	6.2
PPG-FRC 113	8.3	4.0	6.2
BOREAL	7.3	5.0	6.2
C14-OS3	7.3	5.0	6.2
CASCADE	7.0	5.3	6.2
MINIMUS	7.3	5.0	6.2
RAD-FC44	7.3	5.0	6.2
RESOLUTE (7H7)	6.3	6.0	6.2
BEUDIN	6.7	5.3	6.0
DLFPS-FRC/3057	7.0	5.0	6.0
NAVIGATOR II	6.7	5.3	6.0
PPG-FRR 111	7.0	5.0	6.0
PST-4BND	6.0	6.0	6.0
DLFPS-FL/3066	6.0	5.7	5.8
DLFPS-FRR/3069	6.7	5.0	5.8
KENT	6.7	5.0	5.8
MARVEL	7.0	4.7	5.8
PPG-FRC 114	7.7	4.0	5.8
PST-4DR4	6.7	5.0	5.8
PST-4ED4	6.7	5.0	5.8
PST-4RUE	6.0	5.7	5.8
RAD-FC32	6.7	5.0	5.8
RAD-FR47	6.7	5.0	5.8
PST-4BEN	6.3	5.3	5.8
7C34	6.7	4.7	5.7
BAR FRT 5002	6.7	4.7	5.7
RAD-FR33R	6.3	5.0	5.7
BEACON	5.7	5.3	5.5
DLFPS-FL/3060	6.3	4.7	5.5
MNHD-14	5.7	5.3	5.5
SWORD	5.7	4.7	5.2
JETTY (PPG-FL 106)	5.3	5.0	5.2
SEABREEZE GT	5.7	4.0	4.8
LSD VALUE	1.1	0.7	0.6
C.V. (%)	9.9	8.6	9.6

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

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



TABLE 13B. SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
BAR 6FR 126	8.7	4.7	6.7
RADAR	8.0	5.0	6.5
BAR VV-VP3-CT	7.7	5.0	6.3
DLF-FRC 3338	7.7	5.0	6.3
DLFPS-FRC/3060	7.3	5.3	6.3
PPG-FRC 113	8.3	4.0	6.2
CASCADE	7.0	5.3	6.2
RAD-FC44	7.3	5.0	6.2
DLFPS-FRC/3057	7.0	5.0	6.0
PPG-FRC 114	7.7	4.0	5.8
RAD-FC32	6.7	5.0	5.8
LSD VALUE	1.3	0.5	0.7
C.V. (%)	10.3	6.2	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 13C. SPRING DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
DLFPS-FRR/3068	7.0	5.7	6.3
DLF-FRR 6162	6.7	5.7	6.2
BOREAL	7.3	5.0	6.2
C14-OS3	7.3	5.0	6.2
NAVIGATOR II	6.7	5.3	6.0
PPG-FRR 111	7.0	5.0	6.0
DLFPS-FRR/3069	6.7	5.0	5.8
KENT	6.7	5.0	5.8
MARVEL	7.0	4.7	5.8
PST-4DR4	6.7	5.0	5.8
PST-4ED4	6.7	5.0	5.8
PST-4RUE	6.0	5.7	5.8
RAD-FR47	6.7	5.0	5.8
PST-4BEN	6.3	5.3	5.8
7C34	6.7	4.7	5.7
RAD-FR33R	6.3	5.0	5.7
LSD VALUE	1.1	0.7	0.6
C.V. (%)	9.8	8.9	9.6

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

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

TABLE 13D. SPRING DENSITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
QUATRO	7.7	6.0	6.8
GLADIATOR (TH456)	7.0	5.7	6.3
MINIMUS	7.3	5.0	6.2
RESOLUTE (7H7)	6.3	6.0	6.2
BEUDIN	6.7	5.3	6.0
PST-4BND	6.0	6.0	6.0
DLFPS-FL/3066	6.0	5.7	5.8
BEACON	5.7	5.3	5.5
DLFPS-FL/3060	6.3	4.7	5.5
MNHD-14	5.7	5.3	5.5
SWORD	5.7	4.7	5.2
JETTY (PPG-FL 106)	5.3	5.0	5.2
LSD VALUE	0.9	0.8	0.6
C.V. (%)	9.2	9.8	9.5

TABLE 13E. SPRING DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
PPG-FRT 101	8.0	5.0	6.5
BAR FRT 5002	6.7	4.7	5.7
SEABREEZE GT	5.7	4.0	4.8
LSD VALUE	1.2	0.5	0.7
C.V. (%)	11.0	7.3	10.2

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

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

TABLE 14A. SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
PPG-FRR 111	6.0	6.0	6.0
RADAR	6.7	5.0	5.8
KENT	5.3	6.0	5.7
7C34	5.0	6.0	5.5
BAR VV-VP3-CT	5.0	6.0	5.5
DLF-FRC 3338	5.7	5.3	5.5
PPG-FRC 113	6.0	5.0	5.5
BOREAL	4.7	6.0	5.3
C14-OS3	5.7	5.0	5.3
MARVEL	5.7	5.0	5.3
NAVIGATOR II	5.3	5.3	5.3
BEUDIN	4.3	6.0	5.2
CASCADE	5.3	5.0	5.2
PPG-FRT 101	5.3	5.0	5.2
BAR 6FR 126	5.0	5.0	5.0
DLF-FRR 6162	4.0	6.0	5.0
PPG-FRC 114	5.3	4.7	5.0
PST-4BEN	4.0	6.0	5.0
PST-4RUE	4.0	6.0	5.0
RAD-FR47	4.0	6.0	5.0
DLFPS-FRR/3068	4.0	5.7	4.8
MINIMUS	3.7	6.0	4.8
QUATRO	3.3	6.3	4.8
DLFPS-FL/3060	3.7	5.7	4.7
GLADIATOR (TH456)	2.7	6.7	4.7
RAD-FC32	3.3	6.0	4.7
RAD-FR33R	3.3	6.0	4.7
DLFPS-FRC/3060	4.0	5.3	4.7
DLFPS-FRR/3069	4.3	5.0	4.7
DLFPS-FL/3066	3.3	5.7	4.5
PST-4DR4	4.0	5.0	4.5
PST-4ED4	4.0	5.0	4.5
RAD-FC44	4.0	5.0	4.5
RESOLUTE (7H7)	2.0	7.0	4.5
BEACON	2.7	6.0	4.3
DLFPS-FRC/3057	3.7	5.0	4.3
MNHD-14	2.3	6.3	4.3
SEABREEZE GT	3.7	5.0	4.3
BAR FRT 5002	1.7	6.0	3.8
JETTY (PPG-FL 106)	1.0	6.0	3.5
PST-4BND	1.0	6.0	3.5
SWORD	2.0	5.0	3.5
LSD VALUE	3.1	0.5	1.6
C.V. (%)	47.5	5.0	28.4

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 14B. SUMMER DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
RADAR	6.7	5.0	5.8
BAR VV-VP3-CT	5.0	6.0	5.5
DLF-FRC 3338	5.7	5.3	5.5
PPG-FRC 113	6.0	5.0	5.5
CASCADE	5.3	5.0	5.2
BAR 6FR 126	5.0	5.0	5.0
PPG-FRC 114	5.3	4.7	5.0
RAD-FC32	3.3	6.0	4.7
DLFPS-FRC/3060	4.0	5.3	4.7
RAD-FC44	4.0	5.0	4.5
DLFPS-FRC/3057	3.7	5.0	4.3
LSD VALUE	3.5	0.5	1.8
C.V. (%)	44.3	5.8	30.7

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

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

TABLE 14C. SUMMER DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
PPG-FRR 111	6.0	6.0	6.0
KENT	5.3	6.0	5.7
7C34	5.0	6.0	5.5
BOREAL	4.7	6.0	5.3
C14-OS3	5.7	5.0	5.3
MARVEL	5.7	5.0	5.3
NAVIGATOR II	5.3	5.3	5.3
DLF-FRR 6162	4.0	6.0	5.0
PST-4BEN	4.0	6.0	5.0
PST-4RUE	4.0	6.0	5.0
RAD-FR47	4.0	6.0	5.0
DLFPS-FRR/3068	4.0	5.7	4.8
RAD-FR33R	3.3	6.0	4.7
DLFPS-FRR/3069	4.3	5.0	4.7
PST-4DR4	4.0	5.0	4.5
PST-4ED4	4.0	5.0	4.5
LSD VALUE	3.0	0.3	1.5
C.V. (%)	40.9	3.6	26.1

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 14D. SUMMER DENSITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
BEUDIN	4.3	6.0	5.2
MINIMUS	3.7	6.0	4.8
QUATRO	3.3	6.3	4.8
DLFPS-FL/3060	3.7	5.7	4.7
GLADIATOR (TH456)	2.7	6.7	4.7
DLFPS-FL/3066	3.3	5.7	4.5
RESOLUTE (7H7)	2.0	7.0	4.5
BEACON	2.7	6.0	4.3
MNHD-14	2.3	6.3	4.3
JETTY (PPG-FL 106)	1.0	6.0	3.5
PST-4BND	1.0	6.0	3.5
SWORD	2.0	5.0	3.5
LSD VALUE	2.8	0.6	1.4
C.V. (%)	65.6	6.2	29.0

TABLE 14E. SUMMER DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
PPG-FRT 101	5.3	5	5.2
SEABREEZE GT	3.7	5	4.3
BAR FRT 5002	1.7	6	3.8
LSD VALUE	2.9	0	1.5
C.V. (%)	51.3	0	29.0

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

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

TABLE 15A. FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
DLF-FRR 6162	3.7	7.0	5.3
PPG-FRC 113	4.0	6.0	5.0
RADAR	4.0	5.7	4.8
C14-OS3	3.7	6.0	4.8
CASCADE	3.7	6.0	4.8
PST-4RUE	2.7	7.0	4.8
DLF-FRC 3338	3.3	6.0	4.7
DLFPS-FRC/3060	3.3	6.0	4.7
DLFPS-FRR/3069	3.7	5.7	4.7
GLADIATOR (TH456)	1.7	7.7	4.7
MINIMUS	2.3	7.0	4.7
NAVIGATOR II	3.3	6.0	4.7
PPG-FRR 111	3.3	6.0	4.7
PST-4BEN	3.3	6.0	4.7
PST-4DR4	3.3	6.0	4.7
7C34	3.0	6.0	4.5
BEUDIN	2.0	7.0	4.5
DLFPS-FRC/3057	3.0	6.0	4.5
MARVEL	3.0	6.0	4.5
PPG-FRT 101	3.0	6.0	4.5
QUATRO	1.7	7.3	4.5
RAD-FC44	3.0	6.0	4.5
RAD-FR47	3.0	6.0	4.5
DLFPS-FRR/3068	3.0	5.7	4.3
RESOLUTE (7H7)	1.0	7.7	4.3
BAR 6FR 126	2.7	6.0	4.3
BAR VV-VP3-CT	2.7	6.0	4.3
KENT	2.7	6.0	4.3
PPG-FRC 114	3.7	5.0	4.3
PST-4ED4	2.7	6.0	4.3
RAD-FR33R	2.3	6.0	4.2
MNHD-14	1.0	7.3	4.2
BOREAL	2.0	6.0	4.0
DLFPS-FL/3060	1.3	6.7	4.0
RAD-FC32	2.0	6.0	4.0
BEACON	1.3	6.3	3.8
DLFPS-FL/3066	1.3	6.3	3.8
BAR FRT 5002	1.3	6.0	3.7
JETTY (PPG-FL 106)	1.0	6.0	3.5
PST-4BND	1.0	6.0	3.5
SEABREEZE GT	2.0	5.0	3.5
SWORD	1.3	5.3	3.3
LSD VALUE	1.1	0.5	0.6
C.V. (%)	27.9	4.8	12.5

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 15B. FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
PPG-FRC 113	4.0	6.0	5.0
RADAR	4.0	5.7	4.8
CASCADE	3.7	6.0	4.8
DLF-FRC 3338	3.3	6.0	4.7
DLFPS-FRC/3060	3.3	6.0	4.7
DLFPS-FRC/3057	3.0	6.0	4.5
RAD-FC44	3.0	6.0	4.5
BAR 6FR 126	2.7	6.0	4.3
BAR VV-VP3-CT	2.7	6.0	4.3
PPG-FRC 114	3.7	5.0	4.3
RAD-FC32	2.0	6.0	4.0
LSD VALUE	1.2	0.3	0.6
C.V. (%)	23.0	3.0	11.8

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

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

TABLE 15C. FALL DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
DLF-FRR 6162	3.7	7.0	5.3
C14-OS3	3.7	6.0	4.8
PST-4RUE	2.7	7.0	4.8
DLFPS-FRR/3069	3.7	5.7	4.7
NAVIGATOR II	3.3	6.0	4.7
PPG-FRR 111	3.3	6.0	4.7
PST-4BEN	3.3	6.0	4.7
PST-4DR4	3.3	6.0	4.7
7C34	3.0	6.0	4.5
MARVEL	3.0	6.0	4.5
RAD-FR47	3.0	6.0	4.5
DLFPS-FRR/3068	3.0	5.7	4.3
KENT	2.7	6.0	4.3
PST-4ED4	2.7	6.0	4.3
RAD-FR33R	2.3	6.0	4.2
BOREAL	2.0	6.0	4.0
LSD VALUE	1.3	0.3	0.6
C.V. (%)	25.6	3.4	12.5

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 15D, FALL DENSITY RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
GLADIATOR (TH456)	1.7	7.7	4.7
MINIMUS	2.3	7.0	4.7
BEUDIN	2.0	7.0	4.5
QUATRO	1.7	7.3	4.5
RESOLUTE (7H7)	1.0	7.7	4.3
MNHD-14	1.0	7.3	4.2
DLFPS-FL/3060	1.3	6.7	4.0
BEACON	1.3	6.3	3.8
DLFPS-FL/3066	1.3	6.3	3.8
JETTY (PPG-FL 106)	1.0	6.0	3.5
PST-4BND	1.0	6.0	3.5
SWORD	1.3	5.3	3.3
LSD VALUE	1.0	0.8	0.6
C.V. (%)	42.4	7.0	13.3

TABLE 15E. FALL DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	ND1	MEAN
PPG-FRT 101	3.0	6	4.5
BAR FRT 5002	1.3	6	3.7
SEABREEZE GT	2.0	5	3.5
LSD VALUE	1.1	0	0.5
C.V. (%)	31.6	0	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 16A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MO1	NC1	ND1	MEAN
DLFPS-FL/3066	97.7	99.0	71.7	89.4
QUATRO	93.7	98.7	75.0	89.1
RESOLUTE (7H7)	93.0	98.7	75.0	88.9
DLFPS-FRC/3060	98.7	99.0	68.3	88.7
DLF-FRR 6162	99.0	98.3	68.3	88.6
PST-4BND	94.3	96.3	75.0	88.6
DLFPS-FRR/3068	97.7	98.7	68.3	88.2
NAVIGATOR II	97.7	99.0	66.7	87.8
PST-4RUE	99.0	96.0	68.3	87.8
BOREAL	99.0	99.0	65.0	87.7
CASCADE	97.7	98.7	66.7	87.7
GLADIATOR (TH456)	96.3	98.3	68.3	87.7
PPG-FRR 111	99.0	99.0	65.0	87.7
RADAR	99.0	99.0	65.0	87.7
BAR VV-VP3-CT	99.0	98.7	65.0	87.6
DLF-FRC 3338	99.0	98.7	65.0	87.6
KENT	99.0	98.7	65.0	87.6
BEUDIN	97.3	98.3	66.7	87.4
C14-OS3	99.0	98.3	65.0	87.4
DLFPS-FRC/3057	99.0	98.3	65.0	87.4
RAD-FC44	99.0	98.3	65.0	87.4
MINIMUS	97.7	99.0	65.0	87.2
PST-4ED4	97.7	98.7	65.0	87.1
RAD-FC32	97.7	98.7	65.0	87.1
RAD-FR47	99.0	97.3	65.0	87.1
PST-4BEN	99.0	94.7	66.7	86.8
DLFPS-FRR/3069	96.0	98.7	65.0	86.6
PST-4DR4	96.0	98.7	65.0	86.6
RAD-FR33R	97.3	97.3	65.0	86.6
PPG-FRT 101	94.7	99.0	65.0	86.2
DLFPS-FL/3060	96.3	98.3	61.7	85.4
7C34	99.0	98.7	58.3	85.3
BEACON	93.0	96.0	66.7	85.2
MNHD-14	93.0	96.0	66.7	85.2
BAR 6FR 126	97.7	99.0	58.3	85.0
BAR FRT 5002	96.0	98.7	58.3	84.3
MARVEL	99.0	98.7	55.0	84.2
PPG-FRC 113	97.7	99.0	55.0	83.9
JETTY (PPG-FL 106)	91.3	94.3	65.0	83.6
PPG-FRC 114	97.7	97.7	55.0	83.4
SWORD	93.0	90.0	58.3	80.4
SEABREEZE GT	91.0	91.7	55.0	79.2
LSD VALUE	6.6	2.2	4.4	2.7
C.V. (%)	4.2	1.4	4.2	3.4

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 16B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	M01	NC1	ND1	MEAN
DLFPS-FRC/3060	98.7	99.0	68.3	88.7
CASCADE	97.7	98.7	66.7	87.7
RADAR	99.0	99.0	65.0	87.7
BAR VV-VP3-CT	99.0	98.7	65.0	87.6
DLF-FRC 3338	99.0	98.7	65.0	87.6
DLFPS-FRC/3057	99.0	98.3	65.0	87.4
RAD-FC44	99.0	98.3	65.0	87.4
RAD-FC32	97.7	98.7	65.0	87.1
BAR 6FR 126	97.7	99.0	58.3	85.0
PPG-FRC 113	97.7	99.0	55.0	83.9
PPG-FRC 114	97.7	97.7	55.0	83.4
LSD VALUE	2.5	1.3	3.4	1.5
C.V. (%)	1.6	0.8	3.4	1.8

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 16C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	M01	NC1	ND1	MEAN
DLF-FRR 6162	99.0	98.3	68.3	88.6
DLFPS-FRR/3068	97.7	98.7	68.3	88.2
NAVIGATOR II	97.7	99.0	66.7	87.8
PST-4RUE	99.0	96.0	68.3	87.8
BOREAL	99.0	99.0	65.0	87.7
PPG-FRR 111	99.0	99.0	65.0	87.7
KENT	99.0	98.7	65.0	87.6
C14-OS3	99.0	98.3	65.0	87.4
PST-4ED4	97.7	98.7	65.0	87.1
RAD-FR47	99.0	97.3	65.0	87.1
PST-4BEN	99.0	94.7	66.7	86.8
DLFPS-FRR/3069	96.0	98.7	65.0	86.6
PST-4DR4	96.0	98.7	65.0	86.6
RAD-FR33R	97.3	97.3	65.0	86.6
7C34	99.0	98.7	58.3	85.3
MARVEL	99.0	98.7	55.0	84.2
LSD VALUE	3.5	2.4	4.9	2.2
C.V. (%)	2.2	1.5	4.7	2.7

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 16D. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MO1	NC1	ND1	MEAN
DLFPS-FL/3066	97.7	99.0	71.7	89.4
QUATRO	93.7	98.7	75.0	89.1
RESOLUTE (7H7)	93.0	98.7	75.0	88.9
PST-4BND	94.3	96.3	75.0	88.6
GLADIATOR (TH456)	96.3	98.3	68.3	87.7
BEUDIN	97.3	98.3	66.7	87.4
MINIMUS	97.7	99.0	65.0	87.2
DLFPS-FL/3060	96.3	98.3	61.7	85.4
BEACON	93.0	96.0	66.7	85.2
MNHD-14	93.0	96.0	66.7	85.2
JETTY (PPG-FL 106)	91.3	94.3	65.0	83.6
SWORD	93.0	90.0	58.3	80.4
LSD VALUE	8.8	2.5	4.8	3.5
C.V. (%)	5.8	1.6	4.4	4.3

TABLE 16E. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MO1	NC1	ND1	MEAN
PPG-FRT 101	94.7	99.0	65.0	86.2
BAR FRT 5002	96.0	98.7	58.3	84.3
SEABREEZE GT	91.0	91.7	55.0	79.2
LSD VALUE	14.4	2.7	2.7	5.0
C.V. (%)	9.5	1.8	2.8	6.4

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

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

TABLE 17A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	M01	NC1	ND1	QE1	MEAN
RADAR	99.0	63.3	85.0	80.0	81.8
PPG-FRC 113	97.7	68.3	70.0	83.3	79.8
C14-OS3	99.0	61.7	73.3	83.3	79.3
BAR VV-VP3-CT	99.0	41.7	85.0	85.0	77.7
DLF-FRC 3338	99.0	50.0	78.3	83.3	77.7
DLFPS-FRR/3069	96.0	66.7	81.7	65.0	77.3
DLFPS-FRC/3060	98.7	47.7	90.0	70.0	76.6
BAR 6FR 126	97.7	45.0	83.3	80.0	76.5
PPG-FRT 101	97.3	50.0	85.0	73.3	76.4
DLFPS-FRC/3057	99.0	38.3	80.0	86.7	76.0
MINIMUS	97.7	29.0	83.3	93.3	75.8
PPG-FRC 114	97.7	58.3	70.0	75.0	75.3
7C34	99.0	50.0	83.3	66.7	74.8
CASCADE	97.7	50.0	78.3	70.0	74.0
DLF-FRR 6162	99.0	48.3	85.0	63.3	73.9
NAVIGATOR II	97.7	50.0	88.3	58.3	73.6
PPG-FRR 111	99.0	48.3	85.0	61.7	73.5
DLFPS-FRR/3068	98.7	41.7	85.0	66.7	73.0
MARVEL	99.0	45.0	83.3	63.3	72.7
QUATRO	94.7	24.3	95.0	75.0	72.3
RAD-FC44	99.0	38.3	76.7	73.3	71.8
PST-4DR4	97.7	48.3	81.7	58.3	71.5
PST-4BEN	99.0	43.3	88.3	55.0	71.4
RAD-FC32	97.7	31.3	85.0	66.7	70.2
PST-4RUE	99.0	31.7	95.0	53.3	69.8
RESOLUTE (7H7)	94.7	3.0	95.0	85.0	69.4
DLFPS-FL/3060	96.3	6.7	83.3	86.7	68.3
BEACON	93.0	6.3	88.3	85.0	68.2
PST-4BND	96.0	1.0	88.3	86.7	68.0
GLADIATOR (TH456)	96.3	8.7	95.0	71.7	67.9
KENT	99.0	33.3	85.0	53.3	67.7
DLFPS-FL/3066	97.7	2.7	90.0	78.3	67.2
JETTY (PPG-FL 106)	93.0	1.0	83.3	86.7	66.0
RAD-FR47	99.0	31.7	83.3	48.3	65.6
SWORD	94.7	3.3	80.0	78.3	64.1
RAD-FR33R	97.3	12.0	83.3	63.3	64.0
BOREAL	99.0	13.3	83.3	60.0	63.9
BEUDIN	97.3	10.0	88.3	56.7	63.1
PST-4ED4	97.7	21.7	73.3	58.3	62.8
MNHD-14	95.7	1.0	88.3	65.0	62.5
BAR FRT 5002	97.7	4.0	85.0	61.7	62.1
SEABREEZE GT	92.7	8.7	73.3	43.3	54.5
LSD VALUE	5.1	34.5	6.3	17.0	9.8
C.V. (%)	3.3	67.3	4.7	15.0	17.2

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 17B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MO1	NC1	ND1	QE1	MEAN
RADAR	99.0	63.3	85.0	80.0	81.8
PPG-FRC 113	97.7	68.3	70.0	83.3	79.8
BAR VV-VP3-CT	99.0	41.7	85.0	85.0	77.7
DLF-FRC 3338	99.0	50.0	78.3	83.3	77.7
DLFPS-FRC/3060	98.7	47.7	90.0	70.0	76.6
BAR 6FR 126	97.7	45.0	83.3	80.0	76.5
DLFPS-FRC/3057	99.0	38.3	80.0	86.7	76.0
PPG-FRC 114	97.7	58.3	70.0	75.0	75.3
CASCADE	97.7	50.0	78.3	70.0	74.0
RAD-FC44	99.0	38.3	76.7	73.3	71.8
RAD-FC32	97.7	31.3	85.0	66.7	70.2
LSD VALUE	2.5	45.5	6.6	17.8	12.3
C.V. (%)	1.6	58.5	5.1	14.2	20.2

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 17C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MO1	NC1	ND1	QE1	MEAN
C14-OS3	99.0	61.7	73.3	83.3	79.3
DLFPS-FRR/3069	96.0	66.7	81.7	65.0	77.3
7C34	99.0	50.0	83.3	66.7	74.8
DLF-FRR 6162	99.0	48.3	85.0	63.3	73.9
NAVIGATOR II	97.7	50.0	88.3	58.3	73.6
PPG-FRR 111	99.0	48.3	85.0	61.7	73.5
DLFPS-FRR/3068	98.7	41.7	85.0	66.7	73.0
MARVEL	99.0	45.0	83.3	63.3	72.7
PST-4DR4	97.7	48.3	81.7	58.3	71.5
PST-4BEN	99.0	43.3	88.3	55.0	71.4
PST-4RUE	99.0	31.7	95.0	53.3	69.8
KENT	99.0	33.3	85.0	53.3	67.7
RAD-FR47	99.0	31.7	83.3	48.3	65.6
RAD-FR33R	97.3	12.0	83.3	63.3	64.0
BOREAL	99.0	13.3	83.3	60.0	63.9
PST-4ED4	97.7	21.7	73.3	58.3	62.8
LSD VALUE	2.8	35.6	5.6	16.4	9.9
C.V. (%)	1.8	54.7	4.1	16.6	17.4

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 17D. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MO1	NC1	ND1	QE1	MEAN
MINIMUS	97.7	29.0	83.3	93.3	75.8
QUATRO	94.7	24.3	95.0	75.0	72.3
RESOLUTE (7H7)	94.7	3.0	95.0	85.0	69.4
DLFPS-FL/3060	96.3	6.7	83.3	86.7	68.3
BEACON	93.0	6.3	88.3	85.0	68.2
PST-4BND	96.0	1.0	88.3	86.7	68.0
GLADIATOR (TH456)	96.3	8.7	95.0	71.7	67.9
DLFPS-FL/3066	97.7	2.7	90.0	78.3	67.2
JETTY (PPG-FL 106)	93.0	1.0	83.3	86.7	66.0
SWORD	94.7	3.3	80.0	78.3	64.1
BEUDIN	97.3	10.0	88.3	56.7	63.1
MNHD-14	95.7	1.0	88.3	65.0	62.5
LSD VALUE	6.8	22.6	7.1	18.1	7.7
C.V. (%)	4.4	174.2	5.0	14.2	14.1

TABLE 17E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	MO1	NC1	ND1	QE1	MEAN
PPG-FRT 101	97.3	50.0	85.0	73.3	76.4
BAR FRT 5002	97.7	4.0	85.0	61.7	62.1
SEABREEZE GT	92.7	8.7	73.3	43.3	54.5
LSD VALUE	10.6	16.1	5.4	12.3	5.9
C.V. (%)	6.9	48.1	4.1	12.8	11.4

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

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

TABLE 18A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	IL1	MO1	NC1	ND1	NJ2	WA1	MEAN
PPG-FRC 113	86.7	97.7	70.0	85.0	95.3	93.0	87.9
PPG-FRC 114	85.0	97.7	63.3	85.0	92.7	95.0	86.4
RADAR	63.3	99.0	71.7	95.0	94.7	94.0	86.3
DLF-FRR 6162	80.0	99.0	53.3	96.3	89.3	97.0	85.8
C14-OS3	63.3	99.0	65.0	86.7	97.3	98.3	84.9
PPG-FRR 111	76.7	99.0	61.7	95.0	83.3	93.7	84.9
PST-4BEN	83.3	99.0	43.3	95.0	91.7	92.3	84.1
DLF-FRC 3338	70.0	99.0	50.0	88.3	96.0	97.0	83.4
PPG-FRT 101	76.7	97.3	45.0	95.0	92.3	93.0	83.2
DLFPS-FRR/3069	75.0	97.0	65.0	88.3	73.3	92.3	81.8
NAVIGATOR II	63.3	97.7	51.7	96.3	86.7	92.0	81.3
7C34	51.7	99.0	51.7	91.7	96.0	97.3	81.2
PST-4DR4	81.7	97.7	43.3	88.3	81.7	94.0	81.1
DLFPS-FRC/3060	70.0	98.7	36.0	93.3	90.0	93.3	80.2
MARVEL	63.3	99.0	41.7	91.7	86.7	95.7	79.7
DLFPS-FRR/3068	61.7	99.0	40.0	91.7	88.3	93.7	79.1
PST-4RUE	75.0	99.0	36.7	96.3	73.3	93.0	78.9
KENT	61.7	99.0	45.0	95.0	78.3	94.3	78.9
RAD-FC44	63.3	99.0	39.3	85.0	90.0	96.0	78.8
BAR VV-VP3-CT	50.0	99.0	33.3	95.0	93.0	97.3	77.9
DLFPS-FRC/3057	63.3	99.0	33.3	85.0	91.7	94.0	77.7
CASCADE	66.7	68.3	53.3	88.3	91.0	95.0	77.1
RAD-FC32	55.0	98.3	22.0	95.0	91.0	93.3	75.8
RAD-FR33R	68.3	97.0	20.0	91.7	78.3	97.7	75.5
GLADIATOR (TH456)	51.7	97.7	8.7	97.7	99.0	96.7	75.2
BEACON	56.7	97.0	4.7	96.3	98.7	96.7	75.0
RAD-FR47	50.0	99.0	39.3	91.7	73.3	94.7	74.7
PST-4ED4	68.3	98.3	28.3	85.0	70.0	93.0	73.8
MINIMUS	26.7	97.7	27.0	91.7	99.0	97.0	73.2
PST-4BND	55.0	96.0	1.0	95.0	97.7	92.0	72.8
RESOLUTE (7H7)	43.3	96.3	1.0	97.7	98.7	97.3	72.4
QUATRO	30.0	96.3	13.7	97.7	95.7	97.0	71.7
DLFPS-FL/3060	33.3	97.7	8.0	91.7	98.7	93.3	70.4
MNHD-14	36.7	97.7	1.0	96.3	99.0	92.0	70.4
SEABREEZE GT	43.3	94.3	11.3	85.0	86.7	96.0	69.4
DLFPS-FL/3066	26.7	97.7	3.0	91.7	99.0	96.3	69.1
JETTY (PPG-FL 106)	33.3	93.7	1.0	91.7	97.3	95.0	68.7
BAR 6FR 126	28.3	97.7	33.3	91.7	61.7	98.0	68.4
SWORD	33.3	97.0	2.3	85.0	91.7	96.0	67.6
BOREAL	43.3	99.0	16.7	91.7	58.3	93.0	67.0
BAR FRT 5002	20.0	98.3	2.3	95.0	70.0	95.3	63.5
BEUDIN	11.7	97.3	9.3	96.3	66.7	97.7	63.2
LSD VALUE	32.1	13.3	32.3	5.9	11.9	4.3	8.2
C.V. (%)	35.8	8.5	62.5	4.0	8.5	2.8	16.4

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 18B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	IL1	MO1	NC1	ND1	NJ2	WA1	MEAN
PPG-FRC 113	86.7	97.7	70.0	85.0	95.3	93.0	87.9
PPG-FRC 114	85.0	97.7	63.3	85.0	92.7	95.0	86.4
RADAR	63.3	99.0	71.7	95.0	94.7	94.0	86.3
DLF-FRC 3338	70.0	99.0	50.0	88.3	96.0	97.0	83.4
DLFPS-FRC/3060	70.0	98.7	36.0	93.3	90.0	93.3	80.2
RAD-FC44	63.3	99.0	39.3	85.0	90.0	96.0	78.8
BAR VV-VP3-CT	50.0	99.0	33.3	95.0	93.0	97.3	77.9
DLFPS-FRC/3057	63.3	99.0	33.3	85.0	91.7	94.0	77.7
CASCADE	66.7	68.3	53.3	88.3	91.0	95.0	77.1
RAD-FC32	55.0	98.3	22.0	95.0	91.0	93.3	75.8
BAR 6FR 126	28.3	97.7	33.3	91.7	61.7	98.0	68.4
LSD VALUE	24.1	25.0	38.7	5.0	10.2	5.9	8.9
C.V. (%)	23.5	16.2	52.4	3.5	7.1	3.9	17.0

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

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

TABLE 18C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IL1	MO1	NC1	ND1	NJ2	WA1	MEAN
DLF-FRR 6162	80.0	99.0	53.3	96.3	89.3	97.0	85.8
C14-OS3	63.3	99.0	65.0	86.7	97.3	98.3	84.9
PPG-FRR 111	76.7	99.0	61.7	95.0	83.3	93.7	84.9
PST-4BEN	83.3	99.0	43.3	95.0	91.7	92.3	84.1
DLFPS-FRR/3069	75.0	97.0	65.0	88.3	73.3	92.3	81.8
NAVIGATOR II	63.3	97.7	51.7	96.3	86.7	92.0	81.3
7C34	51.7	99.0	51.7	91.7	96.0	97.3	81.2
PST-4DR4	81.7	97.7	43.3	88.3	81.7	94.0	81.1
MARVEL	63.3	99.0	41.7	91.7	86.7	95.7	79.7
DLFPS-FRR/3068	61.7	99.0	40.0	91.7	88.3	93.7	79.1
PST-4RUE	75.0	99.0	36.7	96.3	73.3	93.0	78.9
KENT	61.7	99.0	45.0	95.0	78.3	94.3	78.9
RAD-FR33R	68.3	97.0	20.0	91.7	78.3	97.7	75.5
RAD-FR47	50.0	99.0	39.3	91.7	73.3	94.7	74.7
PST-4ED4	68.3	98.3	28.3	85.0	70.0	93.0	73.8
BOREAL	43.3	99.0	16.7	91.7	58.3	93.0	67.0
LSD VALUE	31.5	2.1	36.4	6.9	15.5	4.0	8.5
C.V. (%)	29.3	1.3	51.5	4.6	11.8	2.6	16.3

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 18D. PERCENT LIVING GROUND COVER (FALL) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	IL1	MO1	NC1	ND1	NJ2	WA1	MEAN
GLADIATOR (TH456)	51.7	97.7	8.7	97.7	99.0	96.7	75.2
BEACON	56.7	97.0	4.7	96.3	98.7	96.7	75.0
MINIMUS	26.7	97.7	27.0	91.7	99.0	97.0	73.2
PST-4BND	55.0	96.0	1.0	95.0	97.7	92.0	72.8
RESOLUTE (7H7)	43.3	96.3	1.0	97.7	98.7	97.3	72.4
QUATRO	30.0	96.3	13.7	97.7	95.7	97.0	71.7
DLFPS-FL/3060	33.3	97.7	8.0	91.7	98.7	93.3	70.4
MNHD-14	36.7	97.7	1.0	96.3	99.0	92.0	70.4
DLFPS-FL/3066	26.7	97.7	3.0	91.7	99.0	96.3	69.1
JETTY (PPG-FL 106)	33.3	93.7	1.0	91.7	97.3	95.0	68.7
SWORD	33.3	97.0	2.3	85.0	91.7	96.0	67.6
BEUDIN	11.7	97.3	9.3	96.3	66.7	97.7	63.2
LSD VALUE	40.0	5.0	21.5	6.0	4.1	2.9	7.7
C.V. (%)	68.1	3.2	198.9	3.9	2.7	1.9	16.6

TABLE 18E. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	IL1	MO1	NC1	ND1	NJ2	WA1	MEAN
PPG-FRT 101	76.7	97.3	45.0	95	92.3	93.0	83.2
SEABREEZE GT	43.3	94.3	11.3	85	86.7	96.0	69.4
BAR FRT 5002	20.0	98.3	2.3	95	70.0	95.3	63.5
LSD VALUE	25.3	7.8	12.6	0	16.0	4.0	5.6
C.V. (%)	33.7	5.0	39.9	0	12.0	2.6	11.8

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

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

TABLE 19A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	NC1
MINIMUS	8.0
RAD-FC44	8.0
RAD-FR33R	8.0
RAD-FR47	8.0
RESOLUTE (7H7)	8.0
C14-OS3	7.7
DLFPS-FL/3060	7.7
RAD-FC32	7.7
RADAR	7.7
BEACON	7.3
DLF-FRC 3338	7.3
DLFPS-FL/3066	7.3
NAVIGATOR II	7.3
PPG-FRC 114	7.3
PST-4BEN	7.3
BAR 6FR 126	7.0
BAR VV-VP3-CT	7.0
CASCADE	7.0
DLFPS-FRC/3057	7.0
DLFPS-FRC/3060	7.0
DLFPS-FRR/3068	7.0
DLFPS-FRR/3069	7.0
GLADIATOR (TH456)	7.0
JETTY (PPG-FL 106)	7.0
KENT	7.0
MARVEL	7.0
MNHD-14	7.0
PPG-FRC 113	7.0
PPG-FRR 111	7.0
PST-4BND	7.0
PST-4DR4	7.0
PST-4RUE	7.0
SWORD	7.0
7C34	6.7
BOREAL	6.7
PST-4ED4	6.7
QUATRO	6.7
DLF-FRR 6162	6.3
PPG-FRT 101	6.3
SEABREEZE GT	6.0
BAR FRT 5002	5.3
BEUDIN	5.0
LSD VALUE	0.6
C.V. (%)	5.6

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

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



TABLE 19B. WINTER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	NC1
RAD-FC44	8.0
RAD-FC32	7.7
RADAR	7.7
DLF-FRC 3338	7.3
PPG-FRC 114	7.3
BAR 6FR 126	7.0
BAR VV-VP3-CT	7.0
CASCADE	7.0
DLFPS-FRC/3057	7.0
DLFPS-FRC/3060	7.0
PPG-FRC 113	7.0
LSD VALUE	0.6
C.V. (%)	4.8

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 19C. WINTER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	NC1
RAD-FR33R	8.0
RAD-FR47	8.0
C14-OS3	7.7
NAVIGATOR II	7.3
PST-4BEN	7.3
DLFPS-FRR/3068	7.0
DLFPS-FRR/3069	7.0
KENT	7.0
MARVEL	7.0
PPG-FRR 111	7.0
PST-4DR4	7.0
PST-4RUE	7.0
7C34	6.7
BOREAL	6.7
PST-4ED4	6.7
DLF-FRR 6162	6.3
LSD VALUE	0.7
C.V. (%)	6.4

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

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

TABLE 19D. WINTER COLOR RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	NC1
MINIMUS	8.0
RESOLUTE (7H7)	8.0
DLFPS-FL/3060	7.7
BEACON	7.3
DLFPS-FL/3066	7.3
GLADIATOR (TH456)	7.0
JETTY (PPG-FL 106)	7.0
MNHD-14	7.0
PST-4BND	7.0
SWORD	7.0
QUATRO	6.7
BEUDIN	5.0
LSD VALUE	0.5
C.V. (%)	4.7

TABLE 19E. WINTER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	NC1
PPG-FRT 101	6.3
SEABREEZE GT	6.0
BAR FRT 5002	5.3
LSD VALUE	0.8
C.V. (%)	8.0

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

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

TABLE 20A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1	NJ1	NJ2	MEAN
MINIMUS	9.0	7.7	8.3	8.3
DLFPS-FL/3066	9.0	7.3	8.0	8.1
BEACON	9.0	6.7	8.0	7.9
JETTY (PPG-FL 106)	8.0	7.7	8.0	7.9
SWORD	8.7	7.7	7.3	7.9
MNHD-14	8.3	7.3	7.7	7.8
RESOLUTE (7H7)	8.7	6.3	8.3	7.8
C14-OS3	9.0	7.7	6.3	7.7
DLF-FRC 3338	9.0	7.3	6.5	7.6
DLFPS-FL/3060	8.7	6.7	7.5	7.6
BAR VV-VP3-CT	8.3	7.0	7.3	7.6
RAD-FC32	9.0	6.7	6.7	7.4
DLFPS-FRC/3057	8.7	7.7	5.7	7.3
DLFPS-FRC/3060	8.0	7.7	6.3	7.3
GLADIATOR (TH456)	9.0	5.3	7.7	7.3
PPG-FRC 114	8.0	7.7	6.3	7.3
RAD-FC44	8.7	6.3	7.0	7.3
PPG-FRC 113	8.3	7.3	5.7	7.1
RADAR	8.0	6.7	6.3	7.0
SEABREEZE GT	8.0	6.7	6.0	6.9
PST-4BND	7.0	6.0	7.5	6.8
BAR FRT 5002	9.0	5.7	5.0	6.6
QUATRO	7.7	5.3	6.7	6.6
BEUDIN	8.7	5.0	6.0	6.6
BAR 6FR 126	9.0	6.0	4.3	6.4
DLFPS-FRR/3068	8.7	4.7	5.7	6.3
PPG-FRT 101	7.3	6.7	5.0	6.3
DLFPS-FRR/3069	8.3	5.7	4.3	6.1
RAD-FR33R	9.0	5.0	4.0	6.0
7C34	8.7	4.3	4.0	5.7
RAD-FR47	8.7	4.3	4.0	5.7
DLF-FRR 6162	8.3	3.7	4.3	5.4
PST-4ED4	8.3	4.7	3.3	5.4
PST-4RUE	8.0	4.0	4.3	5.4
NAVIGATOR II	8.3	3.7	4.0	5.3
PST-4DR4	7.0	4.7	4.3	5.3
KENT	9.0	3.3	3.3	5.2
MARVEL	8.3	4.0	3.3	5.2
PPG-FRR 111	8.0	3.3	3.7	5.0
PST-4BEN	7.3	3.7	4.0	5.0
BOREAL	9.0	2.7	2.3	4.7
CASCADE	6.3	3.3	4.3	4.7
LSD VALUE	1.8	1.5	1.7	1.0
C.V. (%)	13.6	16.3	17.8	15.6

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

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

TABLE 20B. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1	NJ1	NJ2	MEAN
DLF-FRC 3338	9.0	7.3	6.5	7.6
BAR VV-VP3-CT	8.3	7.0	7.3	7.6
RAD-FC32	9.0	6.7	6.7	7.4
DLFPS-FRC/3057	8.7	7.7	5.7	7.3
DLFPS-FRC/3060	8.0	7.7	6.3	7.3
PPG-FRC 114	8.0	7.7	6.3	7.3
RAD-FC44	8.7	6.3	7.0	7.3
PPG-FRC 113	8.3	7.3	5.7	7.1
RADAR	8.0	6.7	6.3	7.0
BAR 6FR 126	9.0	6.0	4.3	6.4
CASCADE	6.3	3.3	4.3	4.7
LSD VALUE	2.1	1.4	2.2	1.1
C.V. (%)	15.7	12.7	22.4	16.9

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 20C. LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1	NJ1	NJ2	MEAN
C14-OS3	9.0	7.7	6.3	7.7
DLFPS-FRR/3068	8.7	4.7	5.7	6.3
DLFPS-FRR/3069	8.3	5.7	4.3	6.1
RAD-FR33R	9.0	5.0	4.0	6.0
7C34	8.7	4.3	4.0	5.7
RAD-FR47	8.7	4.3	4.0	5.7
DLF-FRR 6162	8.3	3.7	4.3	5.4
PST-4ED4	8.3	4.7	3.3	5.4
PST-4RUE	8.0	4.0	4.3	5.4
NAVIGATOR II	8.3	3.7	4.0	5.3
PST-4DR4	7.0	4.7	4.3	5.3
KENT	9.0	3.3	3.3	5.2
MARVEL	8.3	4.0	3.3	5.2
PPG-FRR 111	8.0	3.3	3.7	5.0
PST-4BEN	7.3	3.7	4.0	5.0
BOREAL	9.0	2.7	2.3	4.7
LSD VALUE	2.0	1.6	1.4	1.0
C.V. (%)	14.9	22.6	20.3	18.5

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 20D. LEAF SPOT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1	NJ1	NJ2	MEAN
MINIMUS	9.0	7.7	8.3	8.3
DLFPS-FL/3066	9.0	7.3	8.0	8.1
BEACON	9.0	6.7	8.0	7.9
JETTY (PPG-FL 106)	8.0	7.7	8.0	7.9
SWORD	8.7	7.7	7.3	7.9
MNHD-14	8.3	7.3	7.7	7.8
RESOLUTE (7H7)	8.7	6.3	8.3	7.8
DLFPS-FL/3060	8.7	6.7	7.5	7.6
GLADIATOR (TH456)	9.0	5.3	7.7	7.3
PST-4BND	7.0	6.0	7.5	6.8
QUATRO	7.7	5.3	6.7	6.6
BEUDIN	8.7	5.0	6.0	6.6
LSD VALUE	1.0	1.4	1.5	0.8
C.V. (%)	7.6	13.4	11.6	10.7

TABLE 20E. LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1	NJ1	NJ2	MEAN
SEABREEZE GT	8.0	6.7	6.0	6.9
BAR FRT 5002	9.0	5.7	5.0	6.6
PPG-FRT 101	7.3	6.7	5.0	6.3
LSD VALUE	2.1	1.9	1.6	1.1
C.V. (%)	16.4	18.2	16.8	17.5

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 21A. DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NC1	MEAN
DLFPS-FL/3066	8.7	8.7	8.7
DLFPS-FL/3060	8.3	8.7	8.5
DLFPS-FRC/3057	8.0	9.0	8.5
BEACON	8.3	8.3	8.3
JETTY (PPG-FL 106)	8.3	8.3	8.3
MNHD-14	8.3	8.3	8.3
PST-4BND	8.3	8.3	8.3
QUATRO	8.3	8.0	8.2
RESOLUTE (7H7)	8.0	8.3	8.2
SWORD	8.0	8.3	8.2
C14-OS3	7.3	9.0	8.2
PPG-FRC 113	7.3	9.0	8.2
BAR VV-VP3-CT	7.0	9.0	8.0
GLADIATOR (TH456)	7.7	8.3	8.0
MINIMUS	7.3	8.7	8.0
PPG-FRC 114	7.0	9.0	8.0
BAR 6FR 126	7.3	8.3	7.8
RAD-FC44	7.0	8.7	7.8
PPG-FRT 101	6.7	8.7	7.7
CASCADE	7.0	8.0	7.5
RADAR	6.0	9.0	7.5
BAR FRT 5002	6.3	8.3	7.3
DLF-FRC 3338	5.7	9.0	7.3
RAD-FC32	6.3	8.3	7.3
DLFPS-FRC/3060	6.0	8.7	7.3
7C34	6.0	8.3	7.2
PST-4BEN	5.3	8.3	6.8
PST-4ED4	5.3	8.3	6.8
SEABREEZE GT	4.7	9.0	6.8
BOREAL	5.7	7.7	6.7
DLFPS-FRR/3069	5.7	7.7	6.7
NAVIGATOR II	5.3	8.0	6.7
PST-4RUE	5.0	8.0	6.5
DLF-FRR 6162	4.3	8.3	6.3
PPG-FRR 111	4.3	8.3	6.3
PST-4DR4	5.0	7.3	6.2
RAD-FR33R	5.3	7.0	6.2
DLFPS-FRR/3068	4.7	7.3	6.0
KENT	4.7	7.3	6.0
MARVEL	4.3	7.7	6.0
BEUDIN	4.0	7.7	5.8
RAD-FR47	5.0	6.7	5.8
LSD VALUE	1.4	0.9	0.8
C.V. (%)	13.5	6.6	9.9

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

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



TABLE 21B. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NC1	MEAN
DLFPS-FRC/3057	8.0	9.0	8.5
PPG-FRC 113	7.3	9.0	8.2
BAR VV-VP3-CT	7.0	9.0	8.0
PPG-FRC 114	7.0	9.0	8.0
BAR 6FR 126	7.3	8.3	7.8
RAD-FC44	7.0	8.7	7.8
CASCADE	7.0	8.0	7.5
RADAR	6.0	9.0	7.5
DLF-FRC 3338	5.7	9.0	7.3
RAD-FC32	6.3	8.3	7.3
DLFPS-FRC/3060	6.0	8.7	7.3
LSD VALUE	1.3	0.6	0.7
C.V. (%)	12.0	4.0	8.1

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 21C. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NC1	MEAN
C14-OS3	7.3	9.0	8.2
7C34	6.0	8.3	7.2
PST-4BEN	5.3	8.3	6.8
PST-4ED4	5.3	8.3	6.8
BOREAL	5.7	7.7	6.7
DLFPS-FRR/3069	5.7	7.7	6.7
NAVIGATOR II	5.3	8.0	6.7
PST-4RUE	5.0	8.0	6.5
DLF-FRR 6162	4.3	8.3	6.3
PPG-FRR 111	4.3	8.3	6.3
PST-4DR4	5.0	7.3	6.2
RAD-FR33R	5.3	7.0	6.2
DLFPS-FRR/3068	4.7	7.3	6.0
KENT	4.7	7.3	6.0
MARVEL	4.3	7.7	6.0
RAD-FR47	5.0	6.7	5.8
LSD VALUE	1.7	1.1	1.0
C.V. (%)	19.8	8.4	13.3

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

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

TABLE 21D. DOLLAR SPOT RATINGS OF SHARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NC1	MEAN
DLFPS-FL/3066	8.7	8.7	8.7
DLFPS-FL/3060	8.3	8.7	8.5
BEACON	8.3	8.3	8.3
JETTY (PPG-FL 106)	8.3	8.3	8.3
MNHD-14	8.3	8.3	8.3
PST-4BND	8.3	8.3	8.3
QUATRO	8.3	8.0	8.2
RESOLUTE (7H7)	8.0	8.3	8.2
SWORD	8.0	8.3	8.2
GLADIATOR (TH456)	7.7	8.3	8.0
MINIMUS	7.3	8.7	8.0
BEUDIN	4.0	7.7	5.8
LSD VALUE	1.1	0.9	0.7
C.V. (%)	9.1	6.6	7.9

TABLE 21E. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MN1	NC1	MEAN
PPG-FRT 101	6.7	8.7	7.7
BAR FRT 5002	6.3	8.3	7.3
SEABREEZE GT	4.7	9.0	6.8
LSD VALUE	0.9	0.8	0.6
C.V. (%)	9.8	5.4	7.2

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

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

TABLE 22A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	M01
BEUDIN	8.3
DLFPS-FL/3066	8.0
DLFPS-FRC/3057	8.0
GLADIATOR (TH456)	8.0
PST-4BND	8.0
RADAR	8.0
SEABREEZE GT	8.0
BEACON	7.7
DLF-FRC 3338	7.7
MINIMUS	7.7
PPG-FRC 113	7.7
SWORD	7.7
BAR 6FR 126	7.3
BAR FRT 5002	7.3
MNHD-14	7.3
PPG-FRC 114	7.3
RAD-FC44	7.3
RESOLUTE (7H7)	7.3
C14-OS3	7.0
DLFPS-FL/3060	7.0
DLFPS-FRC/3060	7.0
JETTY (PPG-FL 106)	7.0
RAD-FC32	7.0
CASCADE	6.7
DLFPS-FRR/3068	6.7
PPG-FRT 101	6.7
7C34	6.3
BAR VV-VP3-CT	6.3
NAVIGATOR II	6.0
QUATRO	6.0
PST-4BEN	5.7
DLFPS-FRR/3069	5.3
DLF-FRR 6162	5.0
PPG-FRR 111	5.0
PST-4DR4	5.0
PST-4ED4	5.0
RAD-FR33R	4.7
MARVEL	4.3
PST-4RUE	4.3
RAD-FR47	4.3
BOREAL	4.0
KENT	3.7
LSD VALUE	1.7
C.V. (%)	16.0

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

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

TABLE 22B. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1
DLFPS-FRC/3057	8.0
RADAR	8.0
DLF-FRC 3338	7.7
PPG-FRC 113	7.7
BAR 6FR 126	7.3
PPG-FRC 114	7.3
RAD-FC44	7.3
DLFPS-FRC/3060	7.0
RAD-FC32	7.0
CASCADE	6.7
BAR VV-VP3-CT	6.3
LSD VALUE	1.8
C.V. (%)	15.1

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

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

TABLE 22C. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1
C14-OS3	7.0
DLFPS-FRR/3068	6.7
7C34	6.3
NAVIGATOR II	6.0
PST-4BEN	5.7
DLFPS-FRR/3069	5.3
DLF-FRR 6162	5.0
PPG-FRR 111	5.0
PST-4DR4	5.0
PST-4ED4	5.0
RAD-FR33R	4.7
MARVEL	4.3
PST-4RUE	4.3
RAD-FR47	4.3
BOREAL	4.0
KENT	3.7
LSD VALUE	1.8
C.V. (%)	21.2

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 22D. RED THREAD RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	M01
BEUDIN	8.3
DLFPS-FL/3066	8.0
GLADIATOR (TH456)	8.0
PST-4BND	8.0
BEACON	7.7
MINIMUS	7.7
SWORD	7.7
MNHD-14	7.3
RESOLUTE (7H7)	7.3
DLFPS-FL/3060	7.0
JETTY (PPG-FL 106)	7.0
QUATRO	6.0
LSD VALUE	1.6
C.V. (%)	13.3

TABLE 22E. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	M01
SEABREEZE GT	8.0
BAR FRT 5002	7.3
PPG-FRT 101	6.7
LSD VALUE	1.2
C.V. (%)	10.2

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

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

TABLE 23A. FALL COLOR (DECEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MD1
DLFPS-FL/3060	7.0
DLFPS-FL/3066	7.0
MINIMUS	7.0
MNHD-14	7.0
JETTY (PPG-FL 106)	6.7
SWORD	6.7
BAR FRT 5002	6.3
BEACON	6.3
PST-4BND	6.3
QUATRO	6.3
RESOLUTE (7H7)	6.3
BEUDIN	6.0
GLADIATOR (TH456)	6.0
RAD-FC44	5.7
RAD-FC32	5.3
SEABREEZE GT	5.3
DLFPS-FRR/3068	5.0
BAR 6FR 126	4.7
PPG-FRC 114	4.7
PST-4BEN	4.7
RADAR	4.7
BAR VV-VP3-CT	4.3
C14-OS3	4.3
CASCADE	4.3
DLF-FRC 3338	4.3
DLF-FRR 6162	4.3
PPG-FRC 113	4.3
PPG-FRR 111	4.3
PPG-FRT 101	4.3
PST-4ED4	4.3
7C34	4.0
DLFPS-FRC/3057	4.0
DLFPS-FRC/3060	4.0
KENT	4.0
MARVEL	4.0
NAVIGATOR II	4.0
PST-4DR4	4.0
PST-4RUE	4.0
RAD-FR33R	4.0
RAD-FR47	4.0
DLFPS-FRR/3069	3.7
BOREAL	3.0
LSD VALUE	0.7
C.V. (%)	9.2

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 23B. FALL COLOR (DECEMBER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MD1
RAD-FC44	5.7
RAD-FC32	5.3
BAR 6FR 126	4.7
PPG-FRC 114	4.7
RADAR	4.7
BAR VV-VP3-CT	4.3
CASCADE	4.3
DLF-FRC 3338	4.3
PPG-FRC 113	4.3
DLFPS-FRC/3057	4.0
DLFPS-FRC/3060	4.0
LSD VALUE	0.8
C.V. (%)	11.4

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

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

TABLE 23C. FALL COLOR (DECEMBER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MD1
DLFPS-FRR/3068	5.0
PST-4BEN	4.7
C14-OS3	4.3
DLF-FRR 6162	4.3
PPG-FRR 111	4.3
PST-4ED4	4.3
7C34	4.0
KENT	4.0
MARVEL	4.0
NAVIGATOR II	4.0
PST-4DR4	4.0
PST-4RUE	4.0
RAD-FR33R	4.0
RAD-FR47	4.0
DLFPS-FRR/3069	3.7
BOREAL	3.0
LSD VALUE	0.7
C.V. (%)	10.6

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

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

TABLE 23D. FALL COLOR (DECEMBER) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MD1
DLFPS-FL/3060	7.0
DLFPS-FL/3066	7.0
MINIMUS	7.0
MNHD-14	7.0
JETTY (PPG-FL 106)	6.7
SWORD	6.7
BEACON	6.3
PST-4BND	6.3
QUATRO	6.3
RESOLUTE (7H7)	6.3
BEUDIN	6.0
GLADIATOR (TH456)	6.0
LSD VALUE	0.7
C.V. (%)	6.2

TABLE 23E. FALL COLOR (DECEMBER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MD1
BAR FRT 5002	6.3
SEABREEZE GT	5.3
PPG-FRT 101	4.3
LSD VALUE	0.9
C.V. (%)	10.8

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 24A. PERCENT ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA 2/

NAME	CT1	IL1	MI1	MI2	MN1	MN2	MO1	MEAN
BOREAL	55.0	50.0	75.0	81.7	6.7	7.3	95.0	53.0
KENT	51.7	56.7	81.3	85.0	6.7	8.0	80.0	52.8
BAR 6FR 126	65.0	53.3	79.3	73.3	8.0	7.7	78.3	52.1
RADAR	45.0	63.3	79.0	76.7	7.0	8.3	83.3	51.8
CASCADE	58.3	66.7	74.0	71.7	7.0	8.0	75.0	51.5
MARVEL	51.7	60.0	68.3	80.0	6.7	7.3	86.7	51.5
DLF-FRR 6162	41.7	63.3	82.3	71.7	7.7	6.7	86.7	51.4
NAVIGATOR II	58.3	50.0	78.7	76.0	7.0	7.0	78.3	50.8
7C34	55.0	60.0	66.7	76.0	8.7	6.7	81.7	50.7
PPG-FRT 101	51.7	56.7	78.3	75.0	7.0	7.3	76.7	50.4
C14-OS3	50.0	46.7	77.7	76.7	6.7	8.0	83.3	49.9
DLFPS-FRC/3057	50.0	50.0	69.3	75.0	7.7	8.3	88.3	49.8
PST-4BEN	40.0	53.3	76.7	77.7	6.7	7.0	86.7	49.7
DLFPS-FRC/3060	48.3	53.3	76.0	74.3	7.7	7.7	80.0	49.6
RAD-FR33R	36.7	63.3	76.7	73.3	6.3	7.7	83.3	49.6
PPG-FRC 114	46.0	56.7	77.7	75.0	6.7	7.0	76.7	49.4
DLF-FRC 3338	41.7	60.0	73.3	68.3	7.3	8.3	83.3	48.9
BAR VV-VP3-CT	51.7	33.3	74.3	78.3	7.7	7.7	85.0	48.3
RAD-FC44	55.0	43.3	70.0	71.7	7.3	7.3	80.0	47.8
BEUDIN	35.0	50.0	81.7	75.0	7.7	8.3	75.0	47.5
RAD-FR47	43.3	43.3	76.7	75.0	6.3	7.3	80.0	47.4
PST-4ED4	48.3	40.0	74.3	77.7	6.3	7.0	76.7	47.2
RAD-FC32	46.7	43.3	69.0	80.0	6.7	8.0	76.7	47.2
BAR FRT 5002	43.3	50.0	75.0	75.0	7.3	7.3	71.7	47.1
PST-4RUE	40.0	46.7	64.0	76.0	6.3	7.3	86.7	46.7
PPG-FRC 113	45.0	46.7	68.0	71.0	7.7	7.7	69.0	45.0
DLFPS-FRR/3069	45.0	40.0	61.0	70.0	6.3	7.0	80.0	44.2
PPG-FRR 111	40.0	33.3	65.0	75.0	6.3	7.0	81.7	44.0
PST-4BND	48.3	46.7	69.0	67.7	4.0	7.0	60.0	43.2
PST-4DR4	36.7	30.0	70.0	70.0	6.0	7.3	80.0	42.9
DLFPS-FRR/3068	38.3	30.0	70.7	68.3	6.7	7.3	76.7	42.6
GLADIATOR (TH456)	35.0	33.3	69.0	71.7	5.0	6.0	65.0	40.7
DLFPS-FL/3066	31.7	33.3	62.3	70.7	3.0	5.0	73.3	39.9
MINIMUS	43.3	33.3	45.7	75.0	4.0	6.0	71.7	39.9
DLFPS-FL/3060	35.0	33.3	63.3	63.3	5.0	6.0	68.3	39.2
BEACON	43.3	26.7	62.3	65.0	3.7	5.7	58.3	37.9
MNHD-14	38.3	31.7	66.7	68.3	4.0	5.7	45.0	37.1
QUATRO	38.3	30.0	46.0	73.3	6.0	7.0	55.0	36.5
RESOLUTE (7H7)	31.7	21.7	62.3	66.7	4.3	5.3	55.0	35.3
JETTY (PPG-FL 106)	25.0	16.7	31.7	41.7	4.0	4.7	51.7	25.0
SWORD	28.3	13.3	41.7	31.7	2.0	3.0	33.3	21.9
SEABREEZE GT	20.0	21.7	27.3	28.3	4.3	4.0	36.7	20.3
LSD VALUE	11.6	22.8	13.1	7.7	1.7	2.0	25.5	5.6
C.V. (%)	16.5	32.5	12.0	6.8	17.5	17.6	21.5	20.7

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 24B. PERCENT ESTABLISHMENT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA 2/

NAME	CT1	IL1	MI1	MI2	MN1	MN2	MO1	MEAN
BAR 6FR 126	65.0	53.3	79.3	73.3	8.0	7.7	78.3	52.1
RADAR	45.0	63.3	79.0	76.7	7.0	8.3	83.3	51.8
CASCADE	58.3	66.7	74.0	71.7	7.0	8.0	75.0	51.5
DLFPS-FRC/3057	50.0	50.0	69.3	75.0	7.7	8.3	88.3	49.8
DLFPS-FRC/3060	48.3	53.3	76.0	74.3	7.7	7.7	80.0	49.6
PPG-FRC 114	46.0	56.7	77.7	75.0	6.7	7.0	76.7	49.4
DLF-FRC 3338	41.7	60.0	73.3	68.3	7.3	8.3	83.3	48.9
BAR VV-VP3-CT	51.7	33.3	74.3	78.3	7.7	7.7	85.0	48.3
RAD-FC44	55.0	43.3	70.0	71.7	7.3	7.3	80.0	47.8
RAD-FC32	46.7	43.3	69.0	80.0	6.7	8.0	76.7	47.2
PPG-FRC 113	45.0	46.7	68.0	71.0	7.7	7.7	69.0	45.0
LSD VALUE	14.1	20.6	13.0	6.1	1.3	2.0	22.7	5.2
C.V. (%)	17.4	24.7	11.0	5.1	11.4	16.2	17.7	17.5

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 24C. PERCENT ESTABLISHMENT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA 2/

NAME	CT1	IL1	MI1	MI2	MN1	MN2	MO1	MEAN
BOREAL	55.0	50.0	75.0	81.7	6.7	7.3	95.0	53.0
KENT	51.7	56.7	81.3	85.0	6.7	8.0	80.0	52.8
MARVEL	51.7	60.0	68.3	80.0	6.7	7.3	86.7	51.5
DLF-FRR 6162	41.7	63.3	82.3	71.7	7.7	6.7	86.7	51.4
NAVIGATOR II	58.3	50.0	78.7	76.0	7.0	7.0	78.3	50.8
7C34	55.0	60.0	66.7	76.0	8.7	6.7	81.7	50.7
C14-OS3	50.0	46.7	77.7	76.7	6.7	8.0	83.3	49.9
PST-4BEN	40.0	53.3	76.7	77.7	6.7	7.0	86.7	49.7
RAD-FR33R	36.7	63.3	76.7	73.3	6.3	7.7	83.3	49.6
RAD-FR47	43.3	43.3	76.7	75.0	6.3	7.3	80.0	47.4
PST-4ED4	48.3	40.0	74.3	77.7	6.3	7.0	76.7	47.2
PST-4RUE	40.0	46.7	64.0	76.0	6.3	7.3	86.7	46.7
DLFPS-FRR/3069	45.0	40.0	61.0	70.0	6.3	7.0	80.0	44.2
PPG-FRR 111	40.0	33.3	65.0	75.0	6.3	7.0	81.7	44.0
PST-4DR4	36.7	30.0	70.0	70.0	6.0	7.3	80.0	42.9
DLFPS-FRR/3068	38.3	30.0	70.7	68.3	6.7	7.3	76.7	42.6
LSD VALUE	12.4	25.6	11.2	7.1	1.4	1.4	20.9	5.4
C.V. (%)	16.9	33.3	9.5	5.9	13.3	11.9	15.7	18.3

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 24D. PERCENT ESTABLISHMENT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA 2/

NAME	CT1	IL1	MI1	MI2	MN1	MN2	MO1	MEAN
BEUDIN	35.0	50.0	81.7	75.0	7.7	8.3	75.0	47.5
PST-4BND	48.3	46.7	69.0	67.7	4.0	7.0	60.0	43.2
GLADIATOR (TH456)	35.0	33.3	69.0	71.7	5.0	6.0	65.0	40.7
DLFPS-FL/3066	31.7	33.3	62.3	70.7	3.0	5.0	73.3	39.9
MINIMUS	43.3	33.3	45.7	75.0	4.0	6.0	71.7	39.9
DLFPS-FL/3060	35.0	33.3	63.3	63.3	5.0	6.0	68.3	39.2
BEACON	43.3	26.7	62.3	65.0	3.7	5.7	58.3	37.9
MNHD-14	38.3	31.7	66.7	68.3	4.0	5.7	45.0	37.1
QUATRO	38.3	30.0	46.0	73.3	6.0	7.0	55.0	36.5
RESOLUTE (7H7)	31.7	21.7	62.3	66.7	4.3	5.3	55.0	35.3
JETTY (PPG-FL 106)	25.0	16.7	31.7	41.7	4.0	4.7	51.7	25.0
SWORD	28.3	13.3	41.7	31.7	2.0	3.0	33.3	21.9
LSD VALUE	8.3	19.7	16.1	9.5	2.4	2.4	31.3	6.1
C.V. (%)	14.2	39.8	17.1	9.2	34.2	26.2	32.8	26.9

TABLE 24E. PERCENT ESTABLISHMENT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA 2/

NAME	CT1	IL1	MI1	MI2	MN1	MN2	MO1	MEAN
PPG-FRT 101	51.7	56.7	78.3	75.0	7.0	7.3	76.7	50.4
BAR FRT 5002	43.3	50.0	75.0	75.0	7.3	7.3	71.7	47.1
SEABREEZE GT	20.0	21.7	27.3	28.3	4.3	4.0	36.7	20.3
LSD VALUE	7.6	26.1	9.5	8.5	1.2	2.0	30.8	6.2
C.V. (%)	12.3	38.0	9.8	8.9	12.0	20.0	31.1	25.8

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 25A. MELTING-OUT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	M01
DLF-FRC 3338	7.0
PPG-FRC 113	7.0
RAD-FC44	6.3
RADAR	6.3
BAR VV-VP3-CT	6.0
DLFPS-FRC/3060	6.0
DLFPS-FRR/3068	6.0
PPG-FRC 114	6.0
PPG-FRT 101	6.0
DLFPS-FRC/3057	5.7
RAD-FC32	5.7
7C34	5.3
BAR 6FR 126	5.3
C14-OS3	5.3
PPG-FRR 111	5.3
PST-4BEN	5.3
PST-4DR4	5.3
PST-4ED4	5.3
DLF-FRR 6162	5.0
KENT	5.0
MARVEL	5.0
PST-4RUE	5.0
CASCADE	4.7
NAVIGATOR II	4.7
RAD-FR33R	4.7
SEABREEZE GT	4.7
DLFPS-FRR/3069	4.3
BEUDIN	4.0
RAD-FR47	4.0
BOREAL	3.7
SWORD	3.7
DLFPS-FL/3060	3.3
DLFPS-FL/3066	3.3
GLADIATOR (TH456)	3.3
JETTY (PPG-FL 106)	3.3
PST-4BND	3.3
BAR FRT 5002	3.0
MINIMUS	3.0
RESOLUTE (7H7)	3.0
BEACON	2.7
MNHD-14	2.7
QUATRO	1.0
LSD VALUE	1.3
C.V. (%)	17.9

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 25B. MELTING-OUT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1
DLF-FRC 3338	7.0
PPG-FRC 113	7.0
RAD-FC44	6.3
RADAR	6.3
BAR VV-VP3-CT	6.0
DLFPS-FRC/3060	6.0
PPG-FRC 114	6.0
DLFPS-FRC/3057	5.7
RAD-FC32	5.7
BAR 6FR 126	5.3
CASCADE	4.7
LSD VALUE	1.3
C.V. (%)	13.3

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

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

TABLE 25C. MELTING-OUT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO1
DLFPS-FRR/3068	6.0
7C34	5.3
C14-OS3	5.3
PPG-FRR 111	5.3
PST-4BEN	5.3
PST-4DR4	5.3
PST-4ED4	5.3
DLF-FRR 6162	5.0
KENT	5.0
MARVEL	5.0
PST-4RUE	5.0
NAVIGATOR II	4.7
RAD-FR33R	4.7
DLFPS-FRR/3069	4.3
RAD-FR47	4.0
BOREAL	3.7
LSD VALUE	1.3
C.V. (%)	16.2

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 25D. MELTING-OUT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	M01
BEUDIN	4.0
SWORD	3.7
DLFPS-FL/3060	3.3
DLFPS-FL/3066	3.3
GLADIATOR (TH456)	3.3
JETTY (PPG-FL 106)	3.3
PST-4BND	3.3
MINIMUS	3.0
RESOLUTE (7H7)	3.0
BEACON	2.7
MNHD-14	2.7
QUATRO	1.0
LSD VALUE	1.3
C.V. (%)	26.2

TABLE 25E. MELTING-OUT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	M01
PPG-FRT 101	6.0
SEABREEZE GT	4.7
BAR FRT 5002	3.0
LSD VALUE	1.9
C.V. (%)	26.4

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 26A. TURFGRASS GROWTH VIGOR (2-WEEKS OF SUMMER STRESS IN AUGUST) RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
2015 DATA

TURFGRASS GROWTH VIGOR RATINGS 1-9; 9=MAXIMUM GROWTH RECOVERY 2/

NAME	NJ1
PPG-FRR 111	7.3
C14-OS3	7.0
DLFPS-FRC/3060	7.0
DLFPS-FRR/3069	7.0
7C34	6.7
DLF-FRC 3338	6.7
RADAR	6.7
CASCADE	6.3
DLFPS-FRC/3057	6.3
DLFPS-FRR/3068	6.0
MARVEL	6.0
PPG-FRC 113	6.0
PST-4DR4	6.0
RAD-FR47	6.0
SEABREEZE GT	6.0
DLF-FRR 6162	5.7
KENT	5.7
PPG-FRC 114	5.7
PPG-FRT 101	5.7
PST-4ED4	5.7
RAD-FC44	5.7
BAR VV-VP3-CT	5.3
JETTY (PPG-FL 106)	5.3
PST-4BEN	5.3
BEACON	5.0
RAD-FC32	5.0
RAD-FR33R	5.0
MINIMUS	4.7
NAVIGATOR II	4.7
BAR 6FR 126	4.3
DLFPS-FL/3066	4.3
MNHD-14	4.3
PST-4RUE	4.3
RESOLUTE (7H7)	4.3
DLFPS-FL/3060	4.0
PST-4BND	4.0
BOREAL	3.7
SWORD	3.7
GLADIATOR (TH456)	3.3
QUATRO	2.7
BEUDIN	2.0
BAR FRT 5002	1.3
LSD VALUE	1.7
C.V. (%)	20.8

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 26B. TURFGRASS GROWTH VIGOR (2-WEEKS OF SUMMER STRESS IN AUGUST) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
2015 DATA

TURFGRASS GROWTH VIGOR RATINGS 1-9; 9=MAXIMUM GROWTH RECOVERY 2/

NAME	NJ1
DLFPS-FRC/3060	7.0
DLF-FRC 3338	6.7
RADAR	6.7
CASCADE	6.3
DLFPS-FRC/3057	6.3
PPG-FRC 113	6.0
PPG-FRC 114	5.7
RAD-FC44	5.7
BAR VV-VP3-CT	5.3
RAD-FC32	5.0
BAR 6FR 126	4.3
LSD VALUE	1.3
C.V. (%)	14.1

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 26C. TURFGRASS GROWTH VIGOR (2-WEEKS OF SUMMER STRESS IN AUGUST) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

TURFGRASS GROWTH VIGOR RATINGS 1-9; 9=MAXIMUM GROWTH RECOVERY 2/

NAME	NJ1
PPG-FRR 111	7.3
C14-OS3	7.0
DLFPS-FRR/3069	7.0
7C34	6.7
DLFPS-FRR/3068	6.0
MARVEL	6.0
PST-4DR4	6.0
RAD-FR47	6.0
DLF-FRR 6162	5.7
KENT	5.7
PST-4ED4	5.7
PST-4BEN	5.3
RAD-FR33R	5.0
NAVIGATOR II	4.7
PST-4RUE	4.3
BOREAL	3.7
LSD VALUE	2.2
C.V. (%)	24.2

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 26D. TURFGRASS GROWTH VIGOR (2-WEEKS OF SUMMER STRESS IN AUGUST) RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
2015 DATA

TURFGRASS GROWTH VIGOR RATINGS 1-9; 9=MAXIMUM GROWTH RECOVERY 2/

NAME	NJ1
JETTY (PPG-FL 106)	5.3
BEACON	5.0
MINIMUS	4.7
DLFPS-FL/3066	4.3
MNHD-14	4.3
RESOLUTE (7H7)	4.3
DLFPS-FL/3060	4.0
PST-4BND	4.0
SWORD	3.7
GLADIATOR (TH456)	3.3
QUATRO	2.7
BEUDIN	2.0
LSD VALUE	1.4
C.V. (%)	21.4

TABLE 26E. TURFGRASS GROWTH VIGOR (2-WEEKS OF SUMMER STRESS IN AUGUST) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
2015 DATA

TURFGRASS GROWTH VIGOR RATINGS 1-9; 9=MAXIMUM GROWTH RECOVERY 2/

NAME	NJ1
SEABREEZE GT	6.0
PPG-FRT 101	5.7
BAR FRT 5002	1.3
LSD VALUE	1.2
C.V. (%)	17.2

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 27A. PERCENT ESTABLISHMENT RATINGS OF FINELEAF FESCUE CULTIVARS 1/  
 AT RALEIGH, NC 2/  
 2014-15 DATA

NAME	NOV	DEC	JAN	MEAN
RADAR	93.0	99.0	99.0	97.0
BAR 6FR 126	93.3	97.7	98.7	96.6
BOREAL	93.0	97.7	99.0	96.6
CASCADE	94.7	97.3	97.3	96.4
DLFPS-FRC/3060	93.0	97.7	98.7	96.4
BAR VV-VP3-CT	93.0	97.7	97.7	96.1
NAVIGATOR II	91.7	97.7	99.0	96.1
MARVEL	90.0	99.0	99.0	96.0
PPG-FRC 113	90.0	99.0	99.0	96.0
PPG-FRR 111	88.3	99.0	99.0	95.4
KENT	90.0	96.3	97.3	94.6
7C34	88.0	97.7	97.7	94.4
DLF-FRC 3338	88.3	96.3	97.3	94.0
DLFPS-FRR/3068	86.7	97.7	97.7	94.0
PPG-FRT 101	88.3	96.3	97.3	94.0
PST-4BEN	90.0	94.7	97.3	94.0
PST-4ED4	86.7	97.7	97.7	94.0
RAD-FC44	88.3	96.3	97.3	94.0
MINIMUS	85.0	97.7	99.0	93.9
BAR FRT 5002	85.0	97.7	98.7	93.8
DLFPS-FRR/3069	86.7	96.3	97.7	93.6
RAD-FR33R	88.3	95.0	97.0	93.4
PST-4DR4	88.0	94.7	97.3	93.3
BEUDIN	83.3	96.3	98.3	92.7
C14-OS3	85.0	95.0	97.3	92.4
DLF-FRR 6162	84.7	94.7	97.3	92.2
DLFPS-FRC/3057	86.7	93.3	96.0	92.0
PPG-FRC 114	85.0	94.3	96.3	91.9
GLADIATOR (TH456)	81.7	94.7	97.3	91.2
RAD-FR47	81.7	94.7	97.3	91.2
DLFPS-FL/3066	78.3	96.3	98.3	91.0
RAD-FC32	81.7	94.7	96.0	90.8
QUATRO	78.3	96.0	97.7	90.7
RESOLUTE (7H7)	80.0	94.3	97.3	90.6
PST-4RUE	80.0	91.7	95.3	89.0
MNHD-14	76.7	93.0	93.0	87.6
PST-4BND	75.0	93.0	94.7	87.6
DLFPS-FL/3060	70.0	93.3	97.0	86.8
BEACON	73.3	91.3	94.7	86.4
JETTY (PPG-FL 106)	75.0	90.0	94.3	86.4
SEABREEZE GT	50.0	85.0	88.3	74.4
SWORD	48.3	80.0	83.3	70.6
LSD VALUE	11.2	5.7	4.0	6.0
C.V. (%)	8.5	3.5	2.5	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 27B. PERCENT ESTABLISHMENT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/  
 AT RALEIGH, NC 2/  
 2014-15 DATA

NAME	NOV	DEC	JAN	MEAN
RADAR	93.0	99.0	99.0	97.0
BAR 6FR 126	93.3	97.7	98.7	96.6
CASCADE	94.7	97.3	97.3	96.4
DLFPS-FRC/3060	93.0	97.7	98.7	96.4
BAR VV-VP3-CT	93.0	97.7	97.7	96.1
PPG-FRC 113	90.0	99.0	99.0	96.0
DLF-FRC 3338	88.3	96.3	97.3	94.0
RAD-FC44	88.3	96.3	97.3	94.0
DLFPS-FRC/3057	86.7	93.3	96.0	92.0
PPG-FRC 114	85.0	94.3	96.3	91.9
RAD-FC32	81.7	94.7	96.0	90.8
LSD VALUE	6.9	4.7	5.7	4.7
C.V. (%)	4.1	2.3	2.2	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 27C. PERCENT ESTABLISHMENT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/  
 AT RALEIGH, NC 2/  
 2014-15 DATA

NAME	NOV	DEC	JAN	MEAN
BOREAL	93.0	97.7	99.0	96.6
NAVIGATOR II	91.7	97.7	99.0	96.1
MARVEL	90.0	99.0	99.0	96.0
PPG-FRR 111	88.3	99.0	99.0	95.4
KENT	90.0	96.3	97.3	94.6
7C34	88.0	97.7	97.7	94.4
DLFPS-FRR/3068	86.7	97.7	97.7	94.0
PST-4BEN	90.0	94.7	97.3	94.0
PST-4ED4	86.7	97.7	97.7	94.0
DLFPS-FRR/3069	86.7	96.3	97.7	93.6
RAD-FR33R	88.3	95.0	97.0	93.4
PST-4DR4	88.0	94.7	97.3	93.3
C14-OS3	85.0	95.0	97.3	92.4
DLF-FRR 6162	84.7	94.7	97.3	92.2
RAD-FR47	81.7	94.7	97.3	91.2
PST-4RUE	80.0	91.7	95.3	89.0
LSD VALUE	19.1	6.5	5.7	8.4
C.V. (%)	7.3	2.8	1.9	3.3

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 27D. PERCENT ESTABLISHMENT RATINGS OF HARD AND SHEEP FESCUE CULTIVARS 1/  
 AT RALEIGH, NC 2/  
 2014-15 DATA

NAME	NOV	DEC	JAN	MEAN
MINIMUS	85.0	97.7	99.0	93.9
BEUDIN	83.3	96.3	98.3	92.7
GLADIATOR (TH456)	81.7	94.7	97.3	91.2
DLFPS-FL/3066	78.3	96.3	98.3	91.0
QUATRO	78.3	96.0	97.7	90.7
RESOLUTE (7H7)	80.0	94.3	97.3	90.6
MNHD-14	76.7	93.0	93.0	87.6
PST-4BND	75.0	93.0	94.7	87.6
DLFPS-FL/3060	70.0	93.3	97.0	86.8
BEACON	73.3	91.3	94.7	86.4
JETTY (PPG-FL 106)	75.0	90.0	94.3	86.4
SWORD	48.3	80.0	83.3	70.6
LSD VALUE	19.5	8.4	5.2	9.5
C.V. (%)	13.1	4.8	3.2	6.0

TABLE 27E. PERCENT ESTABLISHMENT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/  
 AT RALEIGH, NC 2/  
 2014-15 DATA

NAME	NOV	DEC	JAN	MEAN
PPG-FRT 101	88.3	96.3	97.3	94.0
BAR FRT 5002	85.0	97.7	98.7	93.8
SEABREEZE GT	50.0	85.0	88.3	74.4
LSD VALUE	22.6	12.8	7.8	14.0
C.V. (%)	13.1	5.9	3.5	6.9

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.

## APPENDIX TABLE.

SUMMARY OF TURFGRASS QUALITY RATINGS FOR FINELEAF FESCUE CULTIVARS \*/  
2015 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF \*\*/

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
7C34	5.5	13.3
BAR 6FR 126	5.5	26.7
BAR FRT 5002	5.1	33.3
BAR VV-VP3-CT	5.6	20.0
BEACON	5.4	20.0
BEUDIN	5.1	26.7
BOREAL	4.2	0.0
C14-OS3	5.9	53.3
CASCADE	5.0	13.3
DLF-FRC 3338	6.0	73.3
DLF-FRR 6162	5.3	20.0
DLFPS-FL/3060	5.4	33.3
DLFPS-FL/3066	5.3	40.0
DLFPS-FRC/3057	5.9	53.3
DLFPS-FRC/3060	5.6	26.7
DLFPS-FRR/3068	5.4	20.0
DLFPS-FRR/3069	5.1	6.7
GLADIATOR (TH456)	5.4	40.0
JETTY (PPG-FL 106)	5.2	13.3
KENT	4.9	13.3
MARVEL	5.2	6.7
MINIMUS	5.5	26.7
MNHD-14	5.2	20.0
NAVIGATOR II	5.1	0.0
PPG-FRC 113	6.0	66.7
PPG-FRC 114	5.9	66.7
PPG-FRR 111	5.2	6.7
PPG-FRT 101	5.8	40.0
PST-4BEN	5.3	20.0
PST-4BND	5.0	20.0
PST-4DR4	5.0	0.0
PST-4ED4	4.9	0.0
PST-4RUE	4.9	6.7
QUATRO	5.0	20.0
RAD-FC32	5.5	26.7
RAD-FC44	5.6	20.0
RAD-FR33R	5.1	6.7
RAD-FR47	5.1	0.0
RADAR	5.9	60.0
RESOLUTE (7H7)	5.5	46.7
SEABREEZE GT	4.7	0.0
SWORD	5.0	13.3
LSD VALUE	0.2	
C.V. (%)	9.5	

\*/ 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).

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

1/ MEAN AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ MAXIMUM IN TOP 25%: THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.