

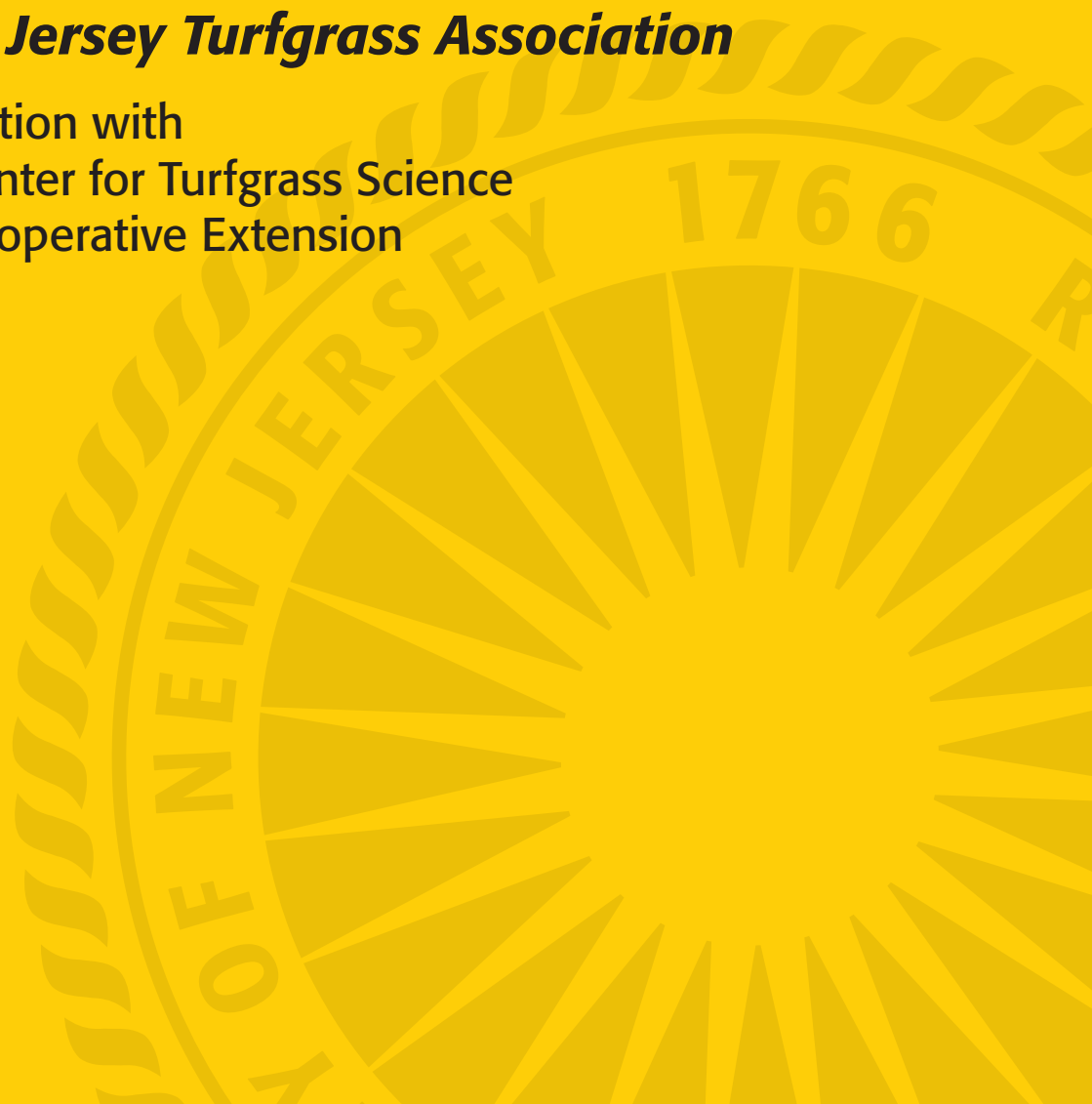
# RUTGERS

New Jersey Agricultural  
Experiment Station

## **2012 Turfgrass Proceedings**

***The New Jersey Turfgrass Association***

In Cooperation with  
Rutgers Center for Turfgrass Science  
Rutgers Cooperative Extension



# **2012 RUTGERS TURFGRASS PROCEEDINGS**

of the

## **GREEN EXPO Turf and Landscape Conference**

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**Trump Taj Mahal**

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The Rutgers Turfgrass Proceedings is published yearly by the Rutgers Center for Turfgrass Science, Rutgers Cooperative Extension, and the New Jersey Agricultural Experiment Station, School of Environmental and Biological Sciences, Rutgers, The State University of New Jersey in cooperation with the New Jersey Turfgrass Association. The purpose of this document is to provide a forum for the dissemination of information and the exchange of ideas and knowledge. The proceedings provide turfgrass managers, research scientists, extension specialists, and industry personnel with opportunities to communicate with co-workers. Through this forum, these professionals also reach a more general audience, which includes the public.

This publication includes lecture notes of papers presented at the 2012 GREEN EXPO Turf and Landscape Conference. Publication of these lectures provides a readily available source of information

covering a wide range of topics and includes technical and popular presentations of importance to the turfgrass industry.

This proceedings also includes research papers that contain original research findings and reviews of selected subjects in turfgrass science. These papers are presented primarily to facilitate the timely dissemination of original turfgrass research for use by the turfgrass industry.

Special thanks are given to those who have submitted papers for this proceedings, to the New Jersey Turfgrass Association for financial assistance, and to Barbara Fitzgerald, Anne Diglio, and Ann Jenkins for administrative and secretarial support.

Dr. Ann Brooks Gould, Editor  
Dr. Bruce B. Clarke, Coordinator

# PERFORMANCE OF KENTUCKY BLUEGRASS CULTIVARS AND SELECTIONS IN NEW JERSEY TURF TRIALS

Eric D. Koch, Melissa M. Mohr, William K. Dickson, Ronald F. Bara, Dirk A. Smith,  
Eric N. Weibel, Joseph B. Clark, James A. Murphy, Stacy A. Bonos,  
and William A. Meyer<sup>1</sup>

Kentucky bluegrass (*Poa pratensis* L.) is one of the most widely used and well known cool-season turfgrasses in the United States and Canada. Kentucky bluegrass spreads by underground stems known as rhizomes. This rhizomatous growth habit allows for Kentucky bluegrass to cope with various stresses and recover quickly from damage while still maintaining a uniform complete turf cover. Kentucky bluegrass is a highly desired turfgrass for a large number of applications; however, its widespread utility is limited by some factors. While Kentucky bluegrass is an excellent turfgrass in sunny to partly shaded microclimates as long as adequate nutrition is supplied, it is often outperformed in low light or low fertility microclimates (Turgeon, 2008).

The extensive rhizome system of Kentucky bluegrass is one of the reasons that this species is popular and widely used in sports turf in northern and northeastern regions of the United States. Rhizomes provide superior playability by reducing the damage caused by divoting and provide a smooth, uniform playing surface that helps to improve player safety. Evaluations of Kentucky bluegrass for wear tolerance and under low mowing heights have been conducted throughout the country to determine which cultivars are best for use in golf course fairways.

Kentucky bluegrass, almost exclusively, reproduces asexually through a process known as apomixis. Although making crosses between genotypes is difficult to perform, apomixis in Kentucky bluegrass also results in some advantages in the breeding process. Apomixis allows for the opportunity to utilize hybrid vigor and produce true-to-type seeds from superior plants over multiple generations. Over the past several decades, more than 200 cultivars of Kentucky bluegrass have been released.

Texas bluegrass, a species native to Texas and Oklahoma, is a dioecious species that is far more tolerant of heat and drought stress than Kentucky bluegrass. Crosses between Texas bluegrass female plants and Kentucky bluegrass are made to increase the tolerance of Kentucky bluegrass hybrids to these stresses and ultimately increase its adapted range into the transition zone.

Breeders are endlessly searching the world to obtain new germplasm in an attempt to continue to broaden the genetic bases of these two species. These collection trips and germplasm acquisitions are used in breeding programs to obtain new genes for stress tolerances and disease resistance and will be used to develop new cultivars. In addition to this breeding work, Rutgers participates in the National Turfgrass Evaluation Program (NTEP), which is sponsored by the USDA Beltsville Agricultural Research Center and National Turfgrass Federation, Inc. NTEP is a program that, through the cooperation of many institutions nationwide, tests different turfgrass cultivars and selections in many different environments in order to assess their performance in a broad range of locations.

## PROCEDURES

Eight Kentucky bluegrass trials were seeded from 2008 to 2011. Seven of these trials (Tables 1, 3 to 8) were located at the Rutgers Plant Biology and Pathology Research and Extension Farm at Adelphia, NJ, and one trial (Table 2) was located at the Rutgers Horticultural Research Farm II in North Brunswick, NJ.

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<sup>1</sup>Graduate Assistant, Field Researcher IV, Turfgrass Research Farm Supervisor, Laboratory Researcher II, Principle Laboratory Technician, Field Researcher IV, Principle Laboratory Technician, Extension Specialist in Turfgrass Management, Associate Professor, and Research Professor, respectively, New Jersey Agricultural Experiment Station, School of Environmental and Biological Sciences, Rutgers, The State University of New Jersey, New Brunswick, NJ 08901-8520.

These trials were planted by sowing a maximum of 0.53 oz of seed in 3 x 5 ft plots. This maximum rate is equivalent to 2.2 lb of seed per 1000 ft<sup>2</sup>. The trials were arranged in a randomized complete block design with three replications. Annual nitrogen rates as well as the mowing heights for each trial are presented in Table 9. Nitrogen rates were not constant for all of the fields in order to prevent disease and or to foster recovery from various stresses. Nitrogen application rates never exceeded 0.75 lb per 1000 ft<sup>2</sup>. Mowing heights were maintained by using a reel mower for trials maintained at 1.5 inches and by a rotary mower for the trials maintained at 3 inches.

After establishment, annual weeds were controlled using spring and summer applications of Dimension, and broadleaf weeds were controlled with fall and or spring applications of 2,4-D, dicamba, and MCPP. Merit was applied in July to control grubs on all tests presented. Depending on soil test results, soil pH was maintained between 6.0 and 6.5 with granular dolomitic limestone. Tests were irrigated during establishment and also when needed to avoid severe drought stress

Monthly ratings of all trials were conducted throughout the growing season for overall quality. Overall turf quality ratings are visual assessments that take into account color, brightness, leaf texture, density, uniformity, damage due to disease and insects, and overall attractiveness of the plot. In addition to overall quality ratings, supplementary ratings were taken when differences became evident within the trials. These additional ratings included spring green-up (Tables 1, 3 to 5), wear quality (Table 2), dollar spot (Table 5), stemminess (Tables 1 and 5), percent green cover (Tables 7 and 8), and genetic color (Table 8).

## RESULTS

### Spring Green-up

This trait indicates the wide range of genetic diversity within Kentucky bluegrass. Due to an increase in leaf elongation that occurs in response to increases in temperature and photoperiod (Parsons and Robson, 1980), cultivars adapted to this region are more sensitive to these conditions and may green up earlier in the spring. Cultivars and selections that are adapted to higher latitudes need more dramatic changes in temperature and photoperiod before spring green-up will begin. Cultivars such as Mystere,

Camas, and KenBlue rated high for spring green-up, while cultivars such as Bewitched, NuChicago, and Everest exhibited slow spring green-up (Tables 1, 3 to 5).

### Wear Quality

The ability of a turf stand to handle wear is an important trait to maintain the long-term quality and playability of the surface. Kentucky bluegrass is used extensively for sports fields in temperate climates due to its rhizomatous growth habit. Rhizomes help the turf recover from wear stress to form a uniform turf stand. As a result, the demand for traffic tolerant Kentucky bluegrass has continued to rise. Wear was simulated by using a novel wear simulator (Bonos et al., 2001), which is an engine-driven device with rotating rubber paddles that repeatedly hit the turf. Cultivars that maintained a high level of quality while under wear stress included Avalanche, Prosperity, and Mystere; cultivars such as Revel I and Northstar performed poorly under wear stress (Table 2).

### Dollar Spot

Dollar Spot (caused by *Sclerotinia homoeocarpa*) is a fungal disease of Kentucky bluegrass. The name of this disease is derived from the small, silvery, dollar-sized spots that appear on susceptible turfs. Dollar spot readily forms on bentgrasses mowed at putting green height and is also quite pathogenic to Kentucky bluegrasses. On Kentucky bluegrasses, which are mowed at higher cutting heights, the symptoms appear as larger, straw-colored spots (4 to 6 inches) that may coalesce into much larger areas as disease severity increases. Dollar spot is generally most severe under low levels of fertilization during periods of warm days and cool nights coupled with high humidity (Smiley et al., 2005). Cultivars such as Emblem and America showed good resistance to dollar spot while Limousine and Jumpstart appeared to be quite susceptible (Table 5).

### Residual Reproductive Stems

A rating of "stemminess," or the amount of reproductive stems remaining in a plot after mowing, was taken in trials. Ratings were taken on a 1 to 9 scale with a 9 representing a plot with little residual reproductive stems. The lack of stemminess is an attractive trait as it allows for a more consistent and visibly appealing turfgrass stand. Right, NuBlue Plus, Solar Eclipse, and Award all performed well for this

trait while Monte Carlo, Crest, and Orfeo produced the most reproductive stems (Tables 1 and 5).

### Percent Green Cover

Green cover after establishment is an important characteristic to consumers, sod-growers, and other turf managers alike. Kentucky bluegrass is one of the slowest cool-season grasses to form a mature turfgrass stand. Establishment can be influenced by a variety of factors such as genetics, seed quality environment, management practices, and after-ripening dormancy. Other characteristics that affect establishment and seedling vigor include age of the seed, storage conditions, and environmental conditions at the time of seeding. Ratings of green cover were taken on a 0 to 100% scale with a 100 representing a plot that has filled in completely. Cultivars such as Everest, Bluenote, and SRX 2758 all had high ratings for percent green cover while Award, Cabernet, and Boutique had lower percent green cover ratings (Tables 7 and 8).

### Genetic Color

Contrary to other areas of the world, dark green turfgrasses are typically more appealing to the American populace when compared to lighter green varieties. Breeding for darker green verdure in Kentucky bluegrass varieties is one focus of the Rutgers turfgrass breeding program. Although genetic color of the cultivar is taken into account when assessing the overall quality rating, individual measures of the depth of green color for each cultivar was also performed (Table 8). Cultivars with the darkest green color were PICK 4340, Rush, and Empire; Baron and Kenblue had the lightest green color.

## SUMMARY

Kentucky bluegrass is grown for many uses under a diverse range of soil, environmental, and management conditions. As a result, there is a demand for cultivars that produce a durable, high quality turf for an assortment of uses and under a broad range of conditions. Due to its extensive rhizome system, Kentucky bluegrass thrives very well under stressful conditions. Because of its diverse use in the turfgrass industry, improved resistance to important diseases, pests, and other abiotic stresses is needed if cultivars are expected to perform well in many situations.

## ACKNOWLEDGMENTS

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Table 1. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2008 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
	2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
1 A05TB-386	6.4	6.9	6.7	5.7	6.2	6.7	8.0
2 A03TB-1017	6.3	6.5	5.9	6.1	6.8	2.0	8.0
3 Nu Destiny	6.3	6.2	6.3	6.1	6.6	1.7	8.7
4 Bluenote	6.3	6.2	6.7	6.3	6.0	5.7	8.3
5 A00-1400	6.3	7.0	6.1	5.9	6.1	3.7	7.7
6 NuChicago	6.3	6.3	5.9	6.1	6.7	1.7	9.0
7 A04-46	6.2	5.6	6.3	6.5	6.6	4.3	8.3
8 NuBlue Plus	6.2	6.4	6.1	5.9	6.6	2.0	9.0
9 A04-74	6.2	6.2	6.1	6.1	6.3	4.0	7.3
10 Hampton	6.1	6.2	6.2	5.9	6.1	5.7	8.0
11 Green Star	6.1	6.6	6.2	5.9	5.8	5.3	6.0
12 RAD-849	6.1	5.6	6.3	5.6	7.0	7.7	8.7
13 Serene	6.1	6.2	5.6	6.3	6.2	6.3	8.0
14 Award	6.1	6.2	5.7	6.2	6.1	2.0	8.7
15 A06-8	6.0	5.7	6.3	5.9	6.2	7.3	7.3
16 A01-1106	6.0	5.8	5.6	6.3	6.4	5.0	9.0
17 Solar Eclipse	6.0	5.9	5.8	6.1	6.2	2.3	8.3
18 Bewitched	6.0	5.9	5.8	6.0	6.2	2.3	6.3
19 Alexa II	6.0	5.7	5.7	6.0	6.4	2.3	8.0
20 Arrowhead	6.0	5.5	6.0	5.6	6.8	5.3	7.0
21 Fullback	5.9	5.6	5.8	6.3	6.1	5.7	8.3
22 Blueberry	5.9	6.5	5.6	5.6	6.1	4.3	5.7
23 Granite	5.9	6.4	5.2	5.8	6.2	2.0	8.3
24 Freedom II	5.9	5.9	5.7	5.5	6.4	2.3	8.0
25 Right	5.9	6.9	5.2	6.1	5.4	4.3	9.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
	2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
26 Ginney II	5.9	5.2	5.8	5.7	6.9	2.0	8.3
27 Rhythm	5.9	6.0	6.0	5.8	5.8	2.3	8.0
28 A08-34	5.9	5.8	5.9	6.1	5.8	4.3	8.0
29 A04-49	5.9	6.0	5.8	5.7	5.9	7.0	9.0
30 A06-24	5.8	6.1	6.1	5.4	5.7	5.7	5.0
31 A06-26	5.8	5.8	5.9	5.7	5.9	5.0	5.3
32 RAD762	5.8	5.6	5.7	5.9	6.1	5.0	9.0
33 A98-344	5.8	6.0	6.6	5.5	5.1	7.3	4.7
34 Zinfandel	5.8	5.7	5.7	5.7	6.1	4.3	7.7
35 A99-447	5.8	5.7	5.7	5.8	6.1	4.7	7.7
36 Bedazzled	5.8	5.8	5.5	5.6	6.3	6.0	4.3
37 Emblem	5.8	6.4	5.3	5.6	5.9	3.7	7.0
38 Diva	5.8	5.4	5.8	5.7	6.2	6.0	4.0
39 Argos	5.8	5.6	5.8	5.6	6.1	7.0	8.0
40 PST-102-45	5.7	6.0	5.5	6.0	5.4	4.7	4.3
41 A00-3037	5.7	5.8	5.6	5.6	5.8	5.7	7.3
42 A05TB-396	5.7	5.0	5.7	5.8	6.3	6.7	7.7
43 A00-4199	5.7	5.4	5.7	5.4	6.3	3.3	8.0
44 H01-700	5.7	5.8	6.0	5.7	5.3	5.7	6.7
45 Cabernet	5.7	5.3	5.6	5.7	6.2	7.0	8.7
46 Everest	5.7	5.9	5.0	5.8	6.2	2.0	8.3
47 P-105	5.7	5.1	5.5	5.6	6.6	3.3	7.3
48 A08-3	5.7	6.0	5.7	5.2	5.8	4.7	3.3
49 A98-708	5.7	6.3	5.8	5.8	4.9	3.7	8.0
50 Frontpage	5.7	5.2	5.6	5.9	6.0	2.3	7.7

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(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
	2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
51 A05-361	5.7	5.5	5.7	5.7	5.8	7.0	7.3
52 Quantum Leap	5.7	5.2	5.5	5.8	6.1	3.0	7.7
53 A06-28	5.7	5.1	5.6	5.9	5.9	4.0	4.3
54 A99-2897	5.6	5.5	5.8	5.9	5.4	6.3	6.7
55 Everglades	5.6	5.6	5.0	6.0	6.0	2.0	8.7
56 PST-K7-39	5.6	5.9	5.5	5.4	5.7	2.3	5.3
57 PST-K7-37	5.6	5.1	5.4	5.7	6.3	3.7	5.7
58 Blue-Sation	5.6	5.4	5.4	5.4	6.2	5.7	7.0
59 Liberator	5.6	5.8	5.2	5.7	5.7	1.7	8.3
88 60 A03TB-589	5.6	5.7	5.8	5.3	5.6	2.3	4.7
61 A06-40	5.6	5.4	5.9	5.3	5.7	4.0	6.0
62 Total Eclipse	5.6	5.8	5.3	5.5	5.7	3.0	6.7
63 A99-269	5.6	5.5	5.4	5.5	5.9	6.7	5.3
64 PST-K4-8	5.6	5.8	5.2	5.2	6.1	4.0	7.3
65 A08-4	5.6	5.4	5.4	5.2	6.3	5.7	6.0
66 Noble	5.6	5.3	5.8	5.5	5.7	4.0	4.3
67 RAD-50	5.6	5.3	5.1	5.8	6.0	2.7	8.7
68 OAN64	5.5	5.4	5.4	5.4	5.9	7.0	7.3
69 RAD-843	5.5	5.2	5.7	5.7	5.5	6.7	8.7
70 Shannon	5.5	5.2	5.3	5.6	6.0	5.3	7.7
71 H03-556	5.5	5.5	5.4	5.5	5.8	7.7	8.3
72 Touche	5.5	5.2	5.4	5.9	5.6	5.7	8.7
73 A04TB-258	5.5	5.0	4.9	6.1	6.1	7.7	9.0
74 PST-K4-16	5.5	5.4	5.6	5.2	5.9	6.3	8.0
75 A05-314	5.5	5.6	5.1	5.5	5.9	4.7	7.3

(Continued)



Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
76	Juliet	5.5	5.2	5.4	5.5	5.9	5.3	8.7
77	RAD-914	5.5	5.7	5.6	5.4	5.2	5.3	6.7
78	A03-51	5.5	5.9	5.5	5.2	5.2	3.3	7.3
79	PST-102-862	5.5	5.1	5.3	5.7	5.8	4.7	8.3
80	A06-19	5.4	5.4	5.2	5.2	5.9	6.3	4.7
81	A98-210	5.4	5.0	5.6	5.3	5.8	7.7	4.3
82	Arcadia	5.4	4.8	5.0	5.9	6.0	2.0	7.3
83	Alpine	5.4	5.4	5.0	5.3	6.0	2.3	6.7
84	Mystere	5.4	5.9	5.2	5.5	5.1	7.7	7.7
85	Kingfisher	5.4	5.1	5.2	5.2	6.1	6.3	6.0
86	Sonoma	5.4	5.2	5.7	5.2	5.6	4.0	5.0
87	PST-C-74	5.4	5.2	5.3	5.3	5.7	7.3	5.3
88	AKB-449	5.4	5.9	4.9	5.2	5.6	3.7	6.7
89	PST-K8-69	5.4	5.1	5.0	6.2	5.2	5.7	8.3
90	A08-15	5.4	5.1	5.4	5.4	5.7	5.0	4.7
91	A04-1375	5.4	5.8	4.9	5.5	5.3	3.0	4.7
92	A99-2950	5.4	5.1	5.6	5.4	5.4	5.7	7.7
93	A06-632	5.4	4.9	5.4	5.4	5.8	5.7	5.3
94	A08-317	5.4	5.4	5.4	5.5	5.2	7.3	7.7
95	A02-1429	5.4	5.4	5.4	5.5	5.3	2.7	5.3
96	Juliet	5.4	5.2	5.5	5.6	5.2	4.3	8.3
97	STR 2324	5.4	5.4	4.7	5.4	6.0	2.3	4.7
98	NuGlade	5.4	5.5	4.8	5.4	5.7	2.3	8.3
99	Ridgeline	5.4	5.7	5.1	5.0	5.7	4.0	5.3
100	A00-1193	5.3	4.8	5.1	5.4	6.1	3.7	5.7

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
101	Yankee	5.3	5.4	5.4	5.1	5.4	3.7	5.7
102	A04-69	5.3	5.6	5.2	5.4	5.1	6.7	8.7
103	A98-948	5.3	5.3	5.0	5.4	5.7	5.7	8.0
104	A04-1272	5.3	5.3	4.6	6.1	5.4	5.0	7.0
105	A02-1428	5.3	5.0	5.2	5.7	5.4	4.0	5.3
106	Courtyard	5.3	5.7	4.7	5.6	5.4	2.3	6.7
107	PST-109-996	5.3	5.6	5.8	4.6	5.3	5.7	7.7
108	A06-2	5.3	5.1	5.5	5.3	5.4	6.0	4.3
109	A08-6	5.3	5.0	5.3	5.2	5.6	4.0	4.0
110	PST-1A4-311	5.3	5.6	5.2	5.3	5.0	4.3	7.0
111	RAD-803	5.3	5.4	5.4	5.2	5.2	3.3	8.3
112	A04-1347	5.3	5.4	4.4	5.0	6.2	4.3	4.0
113	A04-35	5.2	4.8	5.1	5.2	5.8	3.7	6.7
114	A00-2969	5.2	5.2	5.1	5.2	5.4	5.7	8.3
115	PST-K7-50S	5.2	4.9	5.5	5.3	5.3	4.3	4.7
116	A04-1470	5.2	5.0	5.1	5.1	5.7	4.7	3.7
117	A04-38	5.2	5.0	4.9	5.4	5.6	4.3	5.7
118	MSP 3774	5.2	4.9	5.2	5.1	5.7	6.0	5.0
119	Starburst	5.2	4.9	5.1	5.3	5.5	6.0	7.7
120	A99-2026	5.2	4.7	5.2	5.1	5.8	2.7	5.3
121	PST-103-87	5.2	6.0	4.5	5.0	5.3	5.0	8.3
122	A04TB-338	5.2	5.3	4.9	5.1	5.5	5.7	7.0
123	A04-1557	5.2	5.0	4.7	5.4	5.7	4.0	3.7
124	PST-104-4	5.2	4.8	4.7	5.6	5.7	3.0	6.7
125	A03TB-364	5.2	4.9	5.3	5.8	4.8	7.0	7.7

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
126	A95-410	5.2	5.2	5.2	5.3	4.9	5.3	3.3
127	A00-1395	5.2	4.8	5.0	5.4	5.6	5.0	4.3
128	H02-647	5.2	5.5	4.6	5.3	5.2	3.3	4.0
129	SR 2284	5.2	4.8	4.6	5.4	5.8	7.7	5.0
130	A08-9	5.1	5.7	5.1	4.5	5.2	6.3	4.7
131	A05-309	5.1	5.0	5.3	5.1	5.1	3.7	7.3
132	PSG 366-6	5.1	5.4	5.0	4.9	5.3	5.3	5.7
133	A98-39	5.1	5.1	5.2	5.4	4.8	6.3	3.7
134	PST-1GQG-38	5.1	4.3	5.3	5.0	5.9	5.0	5.3
135	Monte Carlo	5.1	5.3	5.5	5.1	4.6	5.7	3.0
136	A06-33	5.1	5.6	5.0	4.7	5.0	5.0	5.3
137	RAD-457	5.1	5.2	4.7	4.8	5.6	4.0	5.0
138	A98-363	5.1	5.5	5.0	4.6	5.1	4.3	5.7
139	A02-1429	5.1	5.0	4.8	4.6	5.8	2.7	5.0
140	A06-682	5.1	5.0	5.3	5.0	4.9	6.7	8.0
141	Pick 366	5.1	5.2	5.2	4.7	5.1	5.3	5.7
142	PST-K8-80 NL	5.1	5.3	4.6	5.3	5.1	3.7	7.0
143	PST-102-371	5.1	4.5	5.0	5.2	5.5	3.7	5.7
144	TX676	5.0	4.8	5.2	5.3	4.9	7.0	6.0
145	A08-1	5.0	5.8	5.6	4.2	4.5	5.0	3.0
146	A08-2	5.0	5.8	4.9	4.8	4.6	6.0	3.0
147	A04-383	5.0	4.3	5.5	5.0	5.2	6.0	8.3
148	PP-34736-04	5.0	5.4	4.7	5.0	5.0	3.3	7.0
149	PST-K8-66	5.0	5.2	4.9	4.7	5.1	6.3	5.7
150	Volt	5.0	5.4	4.3	5.1	5.2	6.7	6.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
	151 STR 2485	5.0	4.9	4.9	4.9	5.3	5.7	3.7
	152 RAD-418	5.0	4.9	5.0	5.1	4.9	5.7	8.0
	153 A04-1375	5.0	5.3	4.6	4.7	5.3	3.3	4.0
	154 PST-K8-77 NO	5.0	4.9	4.7	5.5	4.8	3.7	4.3
	155 A05TB-382	5.0	5.5	5.0	4.9	4.5	7.0	7.3
	156 A05TB-459	5.0	5.3	4.7	4.8	5.1	4.3	7.0
	157 A08-7	5.0	4.3	5.1	4.9	5.5	5.0	6.3
	158 A04-1260	5.0	5.2	5.2	5.2	4.2	7.3	6.3
	159 TD-4	5.0	5.4	4.4	5.0	5.0	5.7	7.7
28	160 Eagleton	5.0	4.1	5.1	4.9	5.6	5.0	8.3
	161 RAD-232	5.0	5.1	4.9	4.7	5.0	4.3	7.7
	162 RAD-600	5.0	5.5	4.9	4.8	4.6	3.3	5.0
	163 A04-383	4.9	4.6	5.3	4.9	5.0	6.0	7.7
	164 SR 2109	4.9	5.0	4.6	4.8	5.3	4.0	7.3
	165 TD-8	4.9	5.3	4.9	4.7	4.9	4.3	6.3
	166 PST-104-241	4.9	5.1	4.0	5.0	5.6	4.3	4.0
	167 A04-391	4.9	4.9	5.3	4.8	4.7	8.0	7.3
	168 A05-894	4.9	5.4	4.5	5.1	4.7	6.0	7.0
	169 A99-3182	4.9	5.4	4.7	4.9	4.6	6.0	7.7
	170 RAD-1224	4.9	4.9	4.7	4.9	5.2	4.3	8.0
	171 TD-6	4.9	4.9	4.2	5.3	5.3	4.7	7.3
	172 PST-K4-7	4.9	4.8	4.7	4.8	5.3	5.7	6.0
	173 A04-387	4.9	4.6	5.1	5.0	5.0	4.0	7.0
	174 SR 2109 5,000 ppm	4.9	4.9	5.2	4.5	5.0	4.0	6.7
	175 RAD-897	4.9	5.5	4.8	4.6	4.6	4.0	5.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
	176 A07-5	4.9	4.7	4.9	4.7	5.2	4.3	6.0
	177 Gaelic	4.9	5.2	4.2	4.6	5.4	6.3	5.3
	178 Julia	4.9	4.8	4.9	5.1	4.7	6.7	7.0
	179 PST-K8-63	4.9	4.6	5.1	4.9	4.8	4.0	5.0
	180 Blackberry	4.9	4.6	4.8	4.8	5.2	5.3	6.3
	181 A04-1271	4.9	4.5	5.0	4.7	5.3	5.3	7.7
	182 RAD-507	4.9	5.1	5.1	4.7	4.5	5.0	5.7
	183 RAD-892	4.9	5.0	5.1	4.5	4.8	4.0	6.0
	184 Brooklawn	4.9	4.6	4.2	4.9	5.7	5.3	7.3
8	185 H01-912	4.8	4.5	5.2	5.0	4.7	5.3	7.7
	186 A04-1381	4.8	4.3	4.9	4.9	5.2	2.3	8.7
	187 Champagne	4.8	4.5	4.7	4.9	5.3	6.3	7.0
	188 PST-1A4-1103	4.8	5.2	4.1	5.0	5.1	3.0	7.7
	189 RAD-861	4.8	4.8	4.7	4.8	5.1	2.7	8.0
	190 Arrow	4.8	4.7	4.7	4.9	5.0	5.7	5.0
	191 A93-201	4.8	5.0	4.1	4.8	5.4	6.0	7.0
	192 STR 2278	4.8	4.2	4.8	5.0	5.4	5.7	5.0
	193 Fahrenheit 90	4.8	5.1	4.6	4.9	4.6	3.7	6.7
	194 TD-2	4.8	4.8	4.3	5.0	5.0	5.0	7.0
	195 4-Season	4.8	5.6	4.4	5.0	4.2	4.0	6.7
	196 A00-99	4.8	4.1	5.0	4.9	5.2	5.0	3.7
	197 PST-K8-76 NO	4.8	4.0	4.9	4.8	5.5	5.3	5.7
	198 SR 2100	4.8	4.2	5.1	5.0	4.8	3.0	4.0
	199 A04-1407	4.8	5.2	4.5	4.5	5.0	3.0	4.7
	200 SR 2109 10,000 ppm	4.7	4.7	4.9	4.3	5.1	4.0	6.7

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
	201 RAD-640	4.7	5.0	4.9	4.3	4.7	4.3	4.0
	202 PSG 2MSU21	4.7	4.3	4.6	4.8	5.0	5.7	6.0
	203 Northside	4.7	4.4	4.7	4.7	5.0	5.3	6.0
	204 A08-8	4.7	4.7	4.6	4.4	5.1	5.3	4.0
	205 Fielder	4.7	3.7	4.6	4.8	5.6	5.3	6.3
	206 PST-K4-15	4.7	5.0	4.2	4.5	5.1	4.3	6.3
	207 A04-1504	4.7	4.3	4.7	4.9	4.9	5.0	8.0
	208 PST-K4-5	4.7	5.1	4.4	4.7	4.6	4.3	7.7
	209 H03-510	4.7	4.2	4.8	4.8	4.9	7.3	7.7
94	210 PSG 2677	4.7	4.7	4.7	4.7	4.5	6.3	6.0
	211 Spitfire	4.7	5.8	3.9	4.2	4.7	4.3	5.0
	212 PST-K7-28	4.7	4.5	4.3	4.6	5.2	4.7	5.3
	213 STR 2451	4.6	3.7	4.8	4.9	5.1	6.7	3.7
	214 A07-393	4.6	4.9	5.0	4.9	3.7	4.7	4.0
	215 A01-195	4.6	4.6	4.4	4.8	4.7	4.7	7.0
	216 TD-9	4.6	4.4	4.5	5.0	4.6	4.7	7.7
	217 Gaelic	4.6	4.6	4.3	4.6	5.0	6.0	6.0
	218 PST-K8-81 NO	4.6	4.5	4.2	5.0	4.8	4.0	5.0
	219 Bordeaux	4.6	4.5	4.6	4.6	4.8	5.0	3.3
	220 RAD-931	4.6	4.6	4.7	4.6	4.5	5.7	6.3
	221 PST-1G4-68	4.6	4.9	5.1	4.0	4.4	5.0	5.7
	222 Bonaire	4.6	4.5	4.1	4.5	5.3	5.7	6.3
	223 PST-K8-61S	4.6	3.9	4.7	4.7	5.1	4.7	3.7
	224 RAD-551	4.6	4.5	4.4	4.3	5.1	2.3	7.0
	225 Unique II	4.6	4.8	4.5	4.2	4.9	6.0	5.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
	226 A04-1477	4.6	4.1	4.4	5.2	4.7	5.3	6.0
	227 A06-6	4.6	4.3	5.2	4.3	4.5	3.7	3.3
	228 TD-7	4.6	4.5	4.2	4.8	4.7	4.7	7.3
	229 STR 23078	4.6	4.7	4.6	4.0	4.9	4.7	5.0
	230 RAD-815	4.6	4.3	4.6	4.8	4.5	5.7	8.0
	231 A05-925	4.6	4.2	4.5	4.9	4.6	4.7	7.3
	232 A05-847	4.6	5.0	4.3	4.5	4.4	5.0	7.7
	233 PST-K8-75 NO	4.6	4.6	4.2	4.2	5.2	4.7	5.0
	234 MSP 3872	4.5	4.9	4.7	4.4	4.2	7.7	4.7
96	235 PST-K7-31	4.5	5.5	4.5	4.0	4.1	3.3	6.0
	236 A04-1452	4.5	4.2	4.6	4.6	4.8	5.0	7.7
	237 Crest	4.5	4.7	4.8	4.9	3.6	4.3	3.3
	238 STR 2553	4.5	3.8	4.5	4.5	5.4	5.0	4.0
	239 RAD-928	4.5	5.0	5.0	4.1	3.9	2.7	6.3
	240 Mallard	4.5	4.4	4.5	4.5	4.6	4.7	4.3
	241 PST-K7-54S	4.5	4.8	4.2	4.2	4.8	4.7	6.7
	242 A99-2377	4.5	4.4	4.6	4.2	4.8	5.0	4.7
	243 A04TB-212	4.5	4.4	4.3	4.2	5.0	5.0	6.7
	244 A04-1234	4.5	3.6	4.8	4.7	4.8	8.7	7.3
	245 TD-5	4.5	4.6	3.9	4.6	4.8	5.0	7.3
	246 A05-332	4.4	4.5	4.7	4.4	4.1	5.0	3.7
	247 PST-103-509	4.4	5.0	4.4	4.0	4.3	5.3	5.0
	248 PST-K7-32	4.4	4.4	4.3	4.4	4.5	3.7	4.7
	249 Bandera	4.4	4.6	5.0	4.1	3.8	3.0	4.7
	250 PST-103-651	4.4	5.3	4.5	4.1	3.6	1.3	5.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
	251 Guinness	4.4	4.0	3.9	4.5	5.0	5.0	6.0
	252 A07-377	4.4	4.7	4.5	4.8	3.5	5.3	3.7
	253 STR 23064	4.3	3.7	4.2	4.8	4.8	5.3	5.7
	254 PSG2MSU22	4.3	4.3	3.8	4.3	5.0	5.0	6.7
	255 PSG 2MSU11	4.3	4.3	3.9	4.3	4.9	5.7	6.7
	256 Baron	4.3	4.5	4.8	4.3	3.8	3.7	4.0
	257 America	4.3	3.3	4.4	4.5	5.1	6.0	4.0
	258 A04-13	4.3	3.9	4.7	4.3	4.3	8.0	6.7
	259 PSG 2MSU12	4.3	4.4	3.8	4.4	4.6	5.7	4.7
96	260 A06-659	4.3	4.2	4.5	4.4	4.0	7.0	8.0
	261 Cheetah	4.3	4.3	3.9	4.4	4.6	4.3	7.3
	262 A98-3366	4.3	5.0	3.7	3.9	4.6	4.0	4.3
	263 PST-T8-13	4.3	5.0	4.6	4.1	3.4	4.7	5.7
	264 A04-1315	4.3	4.9	3.5	4.0	4.6	4.7	6.0
	265 A06-698	4.2	3.8	4.5	4.5	4.1	6.7	8.3
	266 PST-102-327	4.2	4.4	3.8	4.4	4.4	4.3	5.3
	267 Touchdown	4.2	4.3	3.9	4.4	4.3	6.3	8.3
	268 RAD-825	4.2	4.5	4.2	4.1	4.0	4.7	6.0
	269 Ulysses	4.2	3.3	4.5	4.1	4.9	4.7	5.7
	270 PST-K7-58S	4.2	3.9	3.7	4.6	4.6	4.0	4.7
	271 PST-102-965	4.2	3.9	3.9	4.3	4.6	4.0	7.3
	272 PST-K8-78 NO	4.1	4.3	4.0	4.0	4.3	5.0	6.3
	273 Orteo 10,000 ppm	4.1	4.1	3.6	4.4	4.5	4.3	5.7
	274 PST-K7-44D	4.1	3.7	4.2	4.2	4.3	4.7	4.3
	275 Lucky Star	4.1	4.7	4.1	3.5	4.0	3.0	8.0

(Continued)



Table 1. Kentucky bluegrass turf trial, 2008 (continued).

	Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
		2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
276	PST-K8-60	4.1	4.2	4.0	4.4	3.7	4.3	6.0
277	PST-K8-62	4.1	3.9	3.8	4.3	4.4	3.0	3.3
278	PST-K8-79 GER	4.1	4.1	4.1	3.9	4.2	4.7	5.7
279	MP07	4.1	4.3	4.0	3.7	4.2	4.3	6.7
280	A06-632	4.1	5.0	3.6	3.9	3.8	3.0	5.7
281	PST-K7-29	4.0	4.2	3.3	3.8	4.7	3.7	5.0
282	PST-K7-51S	4.0	3.9	3.9	4.2	4.1	4.7	3.7
283	H03-546	4.0	3.1	4.4	4.4	3.9	7.7	6.7
284	PST-102-307	3.9	4.1	3.9	4.0	3.7	4.3	6.7
285	Boutique	3.9	2.3	3.8	4.6	4.8	4.7	5.0
286	PST-1T5-16	3.9	3.5	4.0	3.9	4.1	4.7	7.0
287	Blue-Mazing	3.9	2.5	3.7	4.3	5.0	5.3	4.3
288	Winter Blue	3.8	4.6	3.1	3.6	4.0	4.7	6.7
289	RAD474	3.8	4.8	3.1	3.0	4.3	3.7	4.7
290	PST-K8-72	3.7	4.1	3.2	3.7	3.9	3.0	4.3
291	STR 2509	3.7	2.0	3.4	4.0	5.5	4.7	5.0
292	Orteo 5,000 ppm	3.7	3.5	3.1	4.2	4.0	4.0	6.0
293	PST-T8-15	3.7	4.0	3.0	3.4	4.4	4.0	4.3
294	Orteo	3.7	3.6	3.1	4.0	4.1	4.0	7.3
295	PST-105-16	3.6	3.8	3.4	3.5	3.8	3.0	5.3
296	PST-K8-65	3.6	4.4	2.7	3.0	4.2	3.0	4.0
297	STR 235	3.6	1.7	3.2	4.6	4.8	3.3	4.7
298	RAD614	3.6	3.8	3.7	3.7	3.0	6.0	5.0
299	PST-K7-55S	3.5	3.7	3.4	3.4	3.7	3.7	4.7
300	PST-T8-12	3.5	4.2	2.6	3.3	3.8	3.7	4.3

(Continued)

Table 1. Kentucky bluegrass turf trial, 2008 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----					Spring Green-up <sup>2</sup> March 2011	Stemminess <sup>3</sup> May 2011
	2009-2012 Avg.	2009 Avg.	2010 Avg.	2011 Avg.	2012 Avg.		
301 PST-K7-43D	3.5	4.4	3.2	2.7	3.7	3.0	4.3
302 PST-K8-64	3.4	4.1	2.7	3.1	3.8	4.0	4.3
303 PST-K8-68	3.3	3.7	2.8	2.8	3.9	2.7	4.3
304 AM1	3.3	3.1	3.1	3.2	3.8	4.0	4.0
305 PST-K7-59S	3.1	2.9	2.4	2.9	4.0	4.0	4.7
306 STR 2332	2.7	1.0	1.9	3.4	4.4	3.7	5.3
307 PST-K7-57S	2.3	1.7	2.1	2.4	3.2	3.0	4.7
LSD at 5% =	0.5	0.8	0.8	0.8	0.7	1.5	1.5

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<sup>1</sup>9 = best turf quality

<sup>2</sup>9 = earliest spring green-up

<sup>3</sup>9 = least reproductive stems

Table 2. Performance of Kentucky bluegrass cultivars and selections in a low maintenance turf trial seeded in September 2009 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
1 A05-360	6.1	5.5	6.0	6.8	5.0
2 Fullback	5.9	5.5	5.6	6.5	6.3
3 A06-46	5.8	6.0	5.6	5.7	5.3
4 Avalanche	5.7	5.3	5.7	6.1	7.3
5 H01-697	5.7	6.3	5.3	5.4	6.0
6 A03TB-364	5.7	5.3	5.5	6.2	7.0
7 A03-3606-8	5.6	5.4	5.8	5.7	5.7
8 SCKB-3	5.5	5.1	5.3	6.1	5.3
9 H99-1653	5.5	5.9	5.1	5.6	5.7
10 SCKB-1	5.5	5.2	5.7	5.6	3.7
11 A04-68	5.4	4.5	5.6	6.2	6.3
12 Rhapsody	5.4	5.9	4.7	5.7	4.7
13 A05TB-382	5.4	5.8	4.9	5.5	5.7
14 Mystere	5.4	4.8	5.4	5.9	6.3
15 Touche	5.3	5.2	5.4	5.4	3.7
16 A00-3037	5.3	4.9	5.2	5.9	5.0
17 A06-19	5.3	5.4	4.8	5.7	6.0
18 Prosperity	5.3	4.9	4.9	6.0	7.0
19 PST-K9-93	5.3	5.1	5.7	5.1	4.0
20 4 Season	5.3	5.1	5.3	5.5	4.0
21 Bewitched	5.3	5.2	5.3	5.6	4.7
22 SCKB-5	5.3	6.0	4.7	5.2	6.3
23 PSG 2109-5SLT	5.3	5.5	5.3	5.0	5.7
24 A99-523	5.3	5.9	4.3	5.5	5.3
25 A06-40	5.3	6.2	4.8	4.8	4.7
26 PST-1A1-326	5.2	5.2	5.2	5.3	5.7
27 PST-K9-91	5.2	4.5	5.3	5.8	4.7
28 A06-2	5.2	5.7	4.8	5.1	6.3
29 A98-3366	5.2	5.5	4.8	5.3	3.3
30 A98-363	5.2	5.2	5.2	5.2	4.3
31 A05-331	5.2	5.3	4.5	5.7	5.3
32 Nu Glade	5.2	4.7	5.6	5.3	5.7
33 A09-258 (KBx TB)	5.2	5.5	4.8	5.3	5.3
34 Midnight II	5.1	4.9	5.2	5.3	5.0
35 A03-3	5.1	4.3	5.3	5.7	5.0

(Continued)

Table 2. Kentucky bluegrass low maintenance turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
36 Washington	5.1	4.6	5.1	5.7	6.0
37 A04-67	5.1	4.5	5.3	5.6	3.7
38 PST-109-996	5.1	5.7	4.6	5.0	5.7
39 PST-K8-80	5.1	5.0	5.3	4.9	4.0
40 A04-66	5.1	4.6	5.1	5.6	3.3
41 A99-2758	5.1	4.5	5.4	5.3	3.7
42 Blue Note	5.1	4.8	5.3	5.3	3.0
43 A03-38	5.1	4.2	5.5	5.6	5.7
44 Blue Note	5.0	4.0	5.7	5.5	4.7
45 P-105	5.0	5.2	4.6	5.3	4.3
46 H03-556	5.0	5.3	5.1	4.7	2.3
47 Blue Velvet	5.0	4.3	5.5	5.3	5.3
48 A06-28	5.0	5.6	4.8	4.7	4.3
49 RSP	5.0	5.9	3.9	5.1	5.3
50 PST-K9-104	5.0	4.1	5.1	5.7	5.7
51 Eagleton	5.0	5.2	4.7	4.9	5.0
52 A06-11	5.0	4.5	4.9	5.5	4.0
53 A99-2328	5.0	5.1	4.8	5.0	4.3
54 SCKB-4	4.9	4.6	5.1	5.2	5.3
55 A03-77	4.9	5.0	4.5	5.3	6.3
56 A03-677	4.9	5.6	4.9	4.2	4.0
57 Arrowhead	4.9	4.4	4.9	5.3	4.0
58 Brilliant	4.9	4.9	4.6	5.2	4.7
59 A05-351	4.9	4.3	5.0	5.5	4.7
60 Blacksburg	4.9	5.2	5.0	4.5	4.3
61 A05-311	4.9	4.8	5.2	4.7	4.0
62 A04-1547	4.9	5.7	4.6	4.4	4.3
63 PST-K7-24	4.9	4.6	4.4	5.5	6.0
64 A04-38	4.9	5.2	4.5	4.9	4.0
65 Solar Eclipse	4.9	4.1	5.4	5.2	5.7
66 Diva	4.9	4.7	4.9	5.1	3.7
67 A94MH-94	4.8	4.7	4.4	5.4	4.7
68 A04-1557	4.8	5.6	4.3	4.5	5.0
69 A09-256	4.8	4.1	4.9	5.5	4.0
70 A04-63	4.8	5.5	4.5	4.4	3.3

(Continued)

Table 2. Kentucky bluegrass low maintenance turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
71 A01-1106	4.8	5.4	4.8	4.3	3.3
72 Rhythm	4.8	4.4	5.1	4.9	4.0
73 Futurity	4.8	5.5	4.3	4.7	6.0
74 Wildhorse	4.8	4.8	4.7	4.8	5.0
75 A06-40	4.8	5.2	4.6	4.6	4.3
76 A00-4199	4.8	4.6	5.2	4.5	5.0
77 A98-344	4.8	5.3	4.7	4.4	4.3
78 Jump Start	4.8	5.2	4.6	4.5	4.3
79 A99-2377	4.8	5.1	4.1	5.0	4.0
80 Freedom III	4.8	3.8	5.4	5.1	4.3
81 A98-210	4.7	4.8	4.2	5.1	5.0
82 Bordeaux	4.7	5.1	4.2	4.8	4.0
83 Rugby II	4.7	4.8	4.7	4.7	3.0
84 A93-201	4.7	5.0	4.8	4.4	3.7
85 Columbus	4.7	5.5	4.4	4.2	4.0
86 A03-3597-1	4.7	4.3	4.7	5.2	4.3
87 A05-316	4.7	4.0	4.5	5.7	7.7
88 A05-347	4.7	4.4	4.7	5.0	5.7
89 A00-1193	4.7	4.3	4.7	5.2	1.7
90 A04-36	4.7	4.8	4.8	4.5	3.3
91 A06-24	4.7	5.5	4.2	4.3	4.3
92 Zinfandel	4.7	4.7	4.8	4.5	3.7
93 A04-1260	4.7	4.9	4.2	4.8	4.3
94 RAD-849	4.6	5.0	4.1	4.9	3.7
95 RAD-860	4.6	4.8	5.0	4.2	4.0
96 Liberator	4.6	4.1	4.6	5.1	4.3
97 Everest	4.6	4.3	5.0	4.6	4.0
98 A06-8	4.6	4.1	4.8	5.0	4.3
99 A05-894	4.6	5.5	4.6	3.8	4.0
100 Brooklawn	4.6	5.0	4.6	4.2	3.7
101 Shamrock	4.6	4.6	4.7	4.4	3.7
102 A04-1268	4.6	5.2	4.4	4.2	3.0
103 H02-607	4.6	5.0	4.5	4.3	3.0
104 PST-K7-58S	4.6	4.5	4.9	4.3	4.3
105 PST-K8-81	4.6	4.5	5.1	4.0	2.7

(Continued)

Table 2. Kentucky bluegrass low maintenance turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
106 PST-K9-96	4.6	5.0	4.3	4.4	4.3
107 Sombrero	4.6	5.2	4.2	4.3	4.7
108 Pp H9131	4.6	4.6	4.7	4.4	3.3
109 A09-232	4.6	4.6	4.5	4.5	4.7
110 A05TB-409	4.6	4.1	4.6	5.1	4.0
111 A05-315	4.6	4.6	5.0	4.2	4.0
112 Voyager II	4.5	4.5	4.2	4.9	5.0
113 Bronco	4.5	4.3	4.4	4.9	4.0
114 A04-1272	4.5	5.4	4.7	3.5	1.3
115 A09-259	4.5	4.2	4.4	5.0	3.7
116 PST-K9-85	4.5	4.4	4.5	4.7	3.0
117 A04-1407	4.5	4.9	4.8	3.8	4.0
118 A05-319	4.5	4.8	4.7	4.0	2.7
119 Jefferson	4.5	4.6	4.2	4.7	2.3
120 H01-938	4.5	5.3	4.2	4.0	4.0
121 PST-K9-83	4.5	4.8	4.5	4.2	4.7
122 PST-K9-103	4.5	4.3	4.8	4.3	2.7
123 Valor	4.5	5.1	4.2	4.2	4.7
124 Rampart	4.5	4.0	4.6	4.8	4.0
125 A04-46	4.5	4.4	4.7	4.3	2.7
126 A05-925	4.5	4.6	4.2	4.7	3.7
127 SCKB-2	4.4	4.5	4.6	4.2	4.3
128 Touchdown	4.4	4.8	4.5	3.9	2.7
129 America	4.4	3.9	4.3	5.1	5.7
130 Beyond	4.4	3.9	5.0	4.3	3.0
131 Moon Beam	4.4	3.6	4.7	4.9	4.0
132 PST-T9-16	4.4	4.5	4.2	4.6	3.7
133 A05-354	4.4	4.0	4.6	4.7	3.7
134 PSG-711	4.4	4.2	4.4	4.7	3.7
135 A04-74	4.4	4.7	4.2	4.3	3.7
136 A04-1271	4.4	5.1	4.0	4.2	3.3
137 Rush	4.4	3.2	4.7	5.4	4.0
138 A09-230	4.4	3.9	4.2	5.1	2.7
139 A05-297	4.4	4.2	4.6	4.4	3.3
140 SR-2100	4.4	4.7	4.1	4.4	4.7

(Continued)

Table 2. Kentucky bluegrass low maintenance turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
141 A04-38	4.4	4.2	4.3	4.6	3.3
142 A06-47	4.4	4.1	4.7	4.3	3.3
143 A08-2	4.3	5.1	4.0	3.9	4.0
144 PST-K8-60	4.3	4.9	4.2	3.7	3.0
145 RAD-926	4.3	3.7	4.5	4.8	5.0
146 RAD-924	4.3	4.4	4.0	4.5	3.3
147 Alexa II	4.3	3.6	4.7	4.6	4.0
148 PST-K9-94	4.3	4.3	4.3	4.3	4.0
149 Moonshine	4.3	4.1	4.4	4.3	2.3
150 PST-K9-101	4.3	4.6	4.2	4.0	4.3
151 Limousine	4.3	3.8	4.2	4.7	4.3
152 A06-26	4.3	4.0	4.0	4.9	5.0
153 A99-2026	4.2	4.0	4.4	4.3	3.7
154 Award	4.2	3.4	4.5	4.8	4.3
155 A09-231	4.2	3.4	4.3	5.2	4.3
156 PST-K9-89	4.2	3.6	4.5	4.6	3.3
157 K7-32 Extra	4.2	4.4	4.2	4.1	3.3
158 PSG-366	4.2	4.3	4.2	4.2	4.0
159 OF-10000	4.2	5.2	4.2	3.1	2.7
160 Action	4.2	4.7	4.2	3.7	3.3
161 H01-492	4.2	4.8	3.5	4.4	3.3
162 PST-K9-88	4.2	3.8	4.5	4.2	3.7
163 Argos	4.2	3.8	4.4	4.3	2.7
164 Sudden Impact	4.2	3.4	4.5	4.7	3.3
165 Nu Blue	4.2	3.5	4.7	4.2	3.7
166 Julia	4.2	4.7	3.9	3.9	3.7
167 A09-260 (KBx TB)	4.2	4.5	3.8	4.2	3.7
168 A99-2444	4.2	4.3	4.0	4.3	4.7
169 RAD-1206	4.1	4.5	3.9	3.9	3.0
170 RAD-1224	4.1	3.7	4.4	4.2	4.0
171 Tsunami	4.1	3.7	4.2	4.4	4.0
172 Monte Carlo	4.1	4.2	4.1	4.0	2.3
173 A04TB-327	4.1	3.2	4.4	4.8	3.3
174 Fahrenheit 90	4.1	3.7	4.3	4.3	3.3
175 A05-356	4.1	3.3	4.3	4.7	2.7

(Continued)

Table 2. Kentucky bluegrass low maintenance turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
176 RAD-1209	4.1	3.5	4.2	4.6	4.0
177 Golden Nugget	4.1	4.0	3.4	4.8	4.7
178 Perfection	4.1	3.5	4.5	4.3	3.3
179 A09-255 (TB Hyb)	4.1	3.5	4.3	4.3	2.3
180 A05-350	4.0	4.4	4.0	3.8	1.7
181 A07-377	4.0	3.8	4.4	3.8	2.3
182 Nu Chicago	4.0	3.6	4.2	4.5	3.7
183 76-9066	4.0	3.9	4.3	3.8	2.0
184 RAD-840	4.0	4.0	3.9	4.2	3.7
185 PST-102-307	4.0	4.7	4.2	3.0	2.3
186 A05-321	4.0	4.0	4.3	3.6	3.3
187 Guinness	4.0	3.7	4.2	4.1	2.3
188 A98-39	4.0	4.3	4.1	3.5	2.0
189 Orfeo	4.0	3.8	4.7	3.4	2.7
190 Cheetah	4.0	4.2	4.2	3.4	3.3
191 Front Page	4.0	3.2	4.3	4.4	3.7
192 Nu Destiny	4.0	3.4	4.6	4.0	3.3
193 Pp H8400	3.9	3.5	3.9	4.5	4.0
194 Blue Chip Plus	3.9	3.3	4.4	3.9	3.3
195 A09-251 (TB Hyb)	3.9	2.9	4.1	4.8	3.7
196 Full Moon	3.9	4.0	3.6	4.0	4.0
197 SCKB-6	3.8	3.1	4.4	4.0	3.0
198 Everglade	3.8	3.9	4.0	3.7	4.7
199 PST-K9-102	3.8	3.1	4.0	4.3	4.3
200 A05-323	3.8	3.8	3.6	4.0	3.7
201 Ginney II	3.8	3.6	3.8	3.9	4.0
202 PST-K8-77NO	3.8	3.8	3.8	3.7	3.3
203 A09-250 (TB Hyb)	3.8	3.4	4.0	4.0	4.0
204 RAD-422	3.7	3.0	4.0	4.1	3.0
205 Waterworks	3.7	4.1	3.6	3.5	2.7
206 PST-K9-84	3.7	4.1	3.6	3.3	1.7
207 RAD-1214	3.7	3.3	4.1	3.7	3.0
208 RAD-1217	3.7	3.3	3.9	3.9	3.7
209 A02-976	3.7	3.6	3.7	3.8	3.0
210 RAD-648	3.7	3.3	3.4	4.3	3.3

(Continued)



Table 2. Kentucky bluegrass low maintenance turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Wear Quality <sup>2</sup> July 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
211 A05TB-60	3.6	2.9	3.6	4.4	4.0
212 A04TB-192	3.6	3.3	3.7	3.8	2.3
213 Mozart 1	3.6	3.5	3.6	3.6	2.7
214 PST-K9-95	3.5	3.6	3.3	3.8	4.0
215 Granite	3.5	2.6	4.4	3.6	3.3
216 A09-257 (TB Hyb)	3.5	2.8	3.8	3.9	2.7
217 RAD-614	3.5	4.3	3.4	2.6	1.7
218 A98-1001	3.5	2.9	3.7	3.9	3.7
219 PST-104-4	3.5	2.7	3.5	4.3	3.0
220 TD-5 JP08	3.5	3.3	4.0	3.2	1.7
221 Winter Blue	3.4	4.1	3.3	2.9	2.0
222 RAD-641	3.4	3.1	3.3	3.9	3.7
223 A05TB-41	3.4	3.2	3.5	3.5	2.7
224 Mercury	3.4	2.3	3.7	4.0	3.0
225 Right	3.3	3.4	3.4	3.3	2.3
226 North Star	3.3	3.1	3.4	3.6	1.7
227 TD-7 JP08	3.3	3.0	3.9	3.1	1.0
228 PST-K9-98	3.2	2.9	3.4	3.5	3.0
229 Odyssey	3.2	2.8	3.5	3.5	3.0
230 PST-K7-59S	3.2	3.1	3.1	3.4	1.7
231 PST-K8-65	3.1	3.4	2.9	3.0	1.7
232 A03TB-772	3.1	2.0	3.6	3.6	3.3
233 RAD-892	3.0	3.0	3.0	2.9	2.3
234 A07-5	2.9	2.7	2.6	3.5	3.0
235 Revel I	2.9	2.7	3.2	2.7	1.3
236 Camas	2.7	3.3	2.6	2.3	2.0
237 Anastasia	2.6	2.6	2.3	2.9	2.0
LSD at 5% =	1.0	1.3	1.1	1.2	2.1

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 =best wear quality

Table 3. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2009 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
1 Blue Chip Plus	6.6	6.7	6.6	6.6	1.3
2 A06-46	6.6	6.5	6.5	6.9	6.7
3 SCKB-3	6.6	6.6	6.4	6.7	4.0
4 A03-3606-8	6.5	7.0	6.5	6.0	4.3
5 Quantum Leap	6.5	6.3	6.8	6.3	1.0
6 Liberator	6.4	6.3	6.3	6.7	1.3
7 Rhythm	6.4	6.3	6.3	6.7	1.7
8 Blue Velvet	6.4	6.5	6.3	6.5	1.3
9 Granite	6.4	6.4	6.6	6.3	1.0
10 Everest	6.4	6.5	6.5	6.2	1.3
11 A03-3	6.4	6.6	6.4	6.1	6.3
12 Solar Eclipse	6.4	6.3	6.3	6.5	1.0
13 Bewitched	6.4	6.1	6.4	6.6	2.0
14 Sudden Impact	6.3	5.9	6.4	6.7	1.7
15 Freedom III	6.3	6.3	6.4	6.3	1.7
16 SCKB-1	6.3	6.0	6.2	6.7	4.0
17 Nu Chicago	6.3	6.4	6.2	6.3	2.0
18 Beyond	6.3	6.0	6.1	6.7	1.3
19 A98-363	6.3	6.9	6.1	5.9	7.0
20 Front Page	6.3	5.9	6.4	6.6	2.0
21 SCKB-4	6.3	6.9	6.6	5.4	4.3
22 A04-1272	6.3	6.5	6.7	5.5	4.3
23 Starburst	6.2	5.9	6.4	6.5	8.0
24 Nu Destiny	6.2	5.9	6.5	6.3	1.0
25 A05-360	6.2	6.1	6.7	5.9	7.0
26 Rush	6.2	6.3	6.3	6.0	2.7
27 Award	6.2	6.3	6.3	6.0	1.7
28 A04-74	6.2	6.3	6.4	5.9	3.3
29 Right	6.2	6.7	6.5	5.3	4.0
30 76-9066	6.2	6.7	6.3	5.5	6.0
31 A04-68	6.2	6.7	6.2	5.6	6.3
32 Midnight II	6.2	6.1	6.5	5.9	1.3
33 A03-3597-1	6.2	6.3	6.0	6.2	3.0
34 Alexa II	6.1	6.2	6.2	6.0	1.3
35 H99-1653	6.1	6.2	6.2	6.0	5.3

(Continued)

Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
36 Nu Glade	6.1	6.0	6.2	6.2	1.3
37 Jefferson	6.1	6.3	6.1	5.9	6.3
38 Nu Blue	6.1	6.3	6.1	6.0	1.3
39 RAD-849	6.1	5.8	5.9	6.6	6.7
40 Tsunami	6.1	6.0	6.1	6.1	1.3
41 Mystere	6.1	6.4	6.1	5.8	7.3
42 Arcadia	6.1	5.9	6.3	6.1	1.0
43 H01-697	6.1	6.5	6.2	5.6	5.7
44 Rhapsody	6.1	6.3	5.8	6.1	6.0
45 Emblem	6.1	6.5	6.1	5.7	4.0
46 A00-4199	6.1	6.0	6.1	6.1	3.7
47 PST-K9-105D	6.0	6.2	6.4	5.5	5.0
48 A06-19	6.0	6.6	5.6	5.8	5.7
49 Everglade	6.0	6.2	6.1	5.8	2.3
50 PST-K8-80	6.0	6.2	6.3	5.5	4.0
51 A05-316	6.0	6.1	6.1	5.8	4.7
52 Odyssey	6.0	6.0	6.0	6.0	1.3
53 STR 2485	6.0	5.8	6.2	6.0	6.0
54 A99-2328	6.0	6.7	5.8	5.4	2.3
55 Green Star	5.9	5.8	6.2	5.8	4.7
56 A01-1106	5.9	6.0	5.9	5.9	5.0
57 Blue Note	5.9	5.9	6.0	5.8	5.3
58 Rugby II	5.9	6.1	5.9	5.7	2.7
59 4 Season	5.9	5.9	6.2	5.6	3.7
60 Washington	5.9	5.8	6.5	5.4	6.3
61 A04-67	5.9	5.7	6.1	5.9	7.3
62 A04-66	5.9	6.1	6.0	5.6	6.0
63 SCKB-5	5.9	5.8	6.1	5.6	7.0
64 Prosperity	5.8	6.1	5.7	5.7	4.3
65 STR 2509	5.8	6.1	5.4	6.1	5.3
66 A00-3037	5.8	5.7	6.3	5.5	6.0
67 H02-607	5.8	5.6	5.7	6.2	3.3
68 PST-1A4-311	5.8	5.7	5.7	6.0	5.0
69 Arrowhead	5.8	5.0	5.8	6.7	6.0
70 Avalanche	5.8	5.9	6.2	5.4	5.7

(Continued)

Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
71 Fullback	5.8	6.4	5.5	5.6	6.0
72 A98-3366	5.8	5.6	6.2	5.7	4.7
73 Jump Start	5.8	5.6	6.0	5.7	7.3
74 Armada	5.8	6.6	5.6	5.2	5.3
75 PST-103-87	5.8	6.4	5.8	5.1	6.3
76 PST-K4-7	5.8	5.5	5.7	6.1	5.0
77 Touche	5.8	6.0	6.0	5.3	4.0
78 A04-46	5.7	6.3	5.8	5.1	3.7
79 PST-K4-3	5.7	6.0	5.9	5.2	5.3
80 A06-2	5.7	6.2	5.5	5.5	5.7
81 SCKB-2	5.7	5.9	5.9	5.3	4.3
82 A99-2758	5.7	5.5	6.1	5.5	4.0
83 H03-556	5.7	5.8	6.0	5.3	7.3
84 PST-K9-95	5.7	5.8	5.9	5.4	3.7
85 Perfection	5.7	5.7	5.7	5.6	2.0
86 PST-K9-91	5.7	5.8	5.6	5.6	4.7
87 Ginney II	5.7	6.2	5.6	5.2	1.7
88 A06-40	5.7	6.0	5.5	5.5	3.7
89 Shannon	5.6	5.4	5.9	5.5	6.0
90 A03-38	5.6	5.7	6.1	5.1	6.7
91 PST-K8-81	5.6	5.4	5.7	5.7	3.7
92 Futurity	5.6	5.9	5.3	5.6	5.0
93 SR-2109	5.6	5.5	5.9	5.4	4.0
94 RAD-840	5.6	5.7	5.8	5.3	5.3
95 Alpine	5.6	5.9	5.7	5.2	1.3
96 A05-361	5.6	5.4	5.9	5.4	5.3
97 A99-523	5.6	6.0	5.6	5.1	3.7
98 A00-1193	5.6	5.6	5.6	5.5	3.0
99 PST-109-996	5.6	5.6	5.8	5.3	7.0
100 PST-K9-89	5.5	5.9	5.7	5.0	4.0
101 A06-28	5.5	5.2	5.6	5.8	3.7
102 A04-38	5.5	5.7	5.5	5.4	5.7
103 A05-356	5.5	5.7	5.5	5.5	5.0
104 PST-K7-24	5.5	5.2	5.7	5.6	7.0
105 Brilliant	5.5	5.5	5.4	5.7	5.3

(Continued)

Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
106 PST-K9-90	5.5	5.4	5.5	5.7	5.0
107 Valor	5.5	5.8	5.4	5.4	6.7
108 PST-K7-28	5.5	5.5	5.6	5.4	4.3
109 Diva	5.5	5.7	5.1	5.7	6.0
110 Argos	5.5	5.5	5.4	5.6	4.7
111 Julia	5.5	5.1	5.9	5.5	6.0
112 A05-331	5.5	5.5	5.5	5.4	4.3
113 A05TB-382	5.5	6.3	5.3	4.8	8.0
114 Zinfandel	5.5	5.6	5.3	5.5	4.3
115 A09-231	5.5	5.2	5.6	5.7	5.7
116 PST-99-34736-07	5.5	5.4	5.5	5.4	3.0
117 P-105	5.5	5.8	5.3	5.3	3.3
118 Moonshine	5.5	5.3	5.4	5.7	6.3
119 PST-1A1-326	5.5	6.0	5.2	5.2	3.7
120 Rampart	5.5	5.3	5.8	5.3	4.7
121 A06-40	5.5	6.2	5.1	5.1	3.3
122 Pp H8400	5.4	5.8	5.7	4.9	3.3
123 Shannon	5.4	5.1	5.5	5.7	6.7
124 A04-1557	5.4	5.5	5.4	5.3	3.0
125 RAD-422	5.4	5.3	5.4	5.5	4.7
126 A00-891	5.4	5.8	5.2	5.2	3.7
127 A09-259	5.4	5.8	5.2	5.2	6.3
128 A05-354	5.4	5.4	5.6	5.1	4.7
129 A03-677	5.4	5.4	5.5	5.3	7.3
130 A94MH-94	5.4	5.6	5.4	5.1	3.3
131 A03-77	5.4	5.6	5.2	5.3	5.3
132 PSG-711	5.4	5.5	5.1	5.5	4.7
133 A05-351	5.3	5.3	5.4	5.4	3.0
134 PSG 2109-5SLT	5.3	5.1	5.9	5.1	5.3
135 RAD-1224	5.3	5.8	5.0	5.2	6.7
136 A09-230	5.3	6.0	5.0	4.9	6.0
137 H01-938	5.3	5.2	5.4	5.4	8.3
138 A07-5	5.3	5.5	5.3	5.2	5.7
139 A05-321	5.3	5.4	5.0	5.4	5.0
140 PST-K9-93	5.3	5.6	5.0	5.3	5.0

(Continued)

Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
141 PST-T7-7	5.3	5.6	4.9	5.4	5.3
142 SR 2284	5.3	5.2	5.2	5.4	5.7
143 RAD-1206	5.3	5.1	5.1	5.6	5.3
144 A04-1271	5.3	5.5	5.0	5.3	5.3
145 North Star	5.2	5.2	5.3	5.3	3.3
146 PST-K9-104	5.2	5.3	5.0	5.4	4.3
147 Oasis	5.2	6.0	5.0	4.7	5.7
148 Voyager II	5.2	5.7	5.0	4.9	3.7
149 Fahrenheit 90	5.2	5.6	5.1	4.9	4.7
150 PST-K9-96	5.2	5.8	5.2	4.6	4.7
151 PST-K9-92FR	5.2	5.5	5.1	5.0	2.7
152 A05-347	5.2	5.8	5.2	4.6	4.0
153 Golden Nugget	5.2	5.1	5.3	5.2	4.3
154 A99-2026	5.2	5.6	5.0	5.0	2.3
155 A05-894	5.2	5.2	5.7	4.7	7.0
156 Brooklawn	5.2	5.1	5.0	5.5	5.0
157 PST-K8-76NO	5.2	5.2	5.4	4.9	4.0
158 PST-A07-393	5.2	5.4	5.3	4.9	3.7
159 RAD-1209	5.2	5.6	5.2	4.7	5.3
160 Wildhorse	5.2	4.9	5.1	5.5	5.0
161 A04-36	5.2	5.1	5.3	5.1	5.0
162 A04-63	5.2	4.9	5.4	5.1	6.0
163 Cheetah	5.2	5.6	5.2	4.6	2.3
164 A06-26	5.2	5.2	4.9	5.4	4.3
165 Sombrero	5.1	5.1	5.2	5.0	6.3
166 PSG 2677	5.1	5.2	5.1	5.1	7.0
167 Eagleton	5.1	4.9	4.9	5.6	5.7
168 Blacksburg	5.1	5.2	4.8	5.4	3.7
169 A06-11	5.1	5.3	5.3	4.9	5.3
170 PST-104-4	5.1	5.5	5.1	4.8	2.3
171 A05-297	5.1	5.6	4.6	5.1	2.0
172 Northside	5.1	5.3	5.1	4.8	5.0
173 PST-K8-77NO	5.1	5.1	5.4	4.7	3.7
174 PST-K9-82	5.1	5.1	5.2	4.9	4.0
175 PST-K9-99	5.1	5.2	5.1	4.9	3.7

(Continued)

Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
176 A99-2377	5.1	6.0	4.8	4.4	4.7
177 TD-2-JP08	5.1	5.1	5.0	5.1	7.3
178 America	5.1	4.9	5.0	5.3	4.7
179 A09-232	5.1	5.3	5.2	4.6	4.3
180 RAD-1214	5.0	5.4	5.1	4.7	6.0
181 A98-210	5.0	5.3	5.1	4.7	5.0
182 PST-K9-83	5.0	5.3	4.9	4.9	2.7
183 PST-K9-101	5.0	5.5	4.9	4.6	4.0
184 A09-258	5.0	4.9	5.1	5.0	8.7
185 A08-2	5.0	6.0	4.5	4.6	4.7
186 Rockstar	5.0	5.1	5.1	4.8	5.7
187 PST-K8-60	5.0	5.8	4.8	4.3	5.3
188 PST-K8-75NO	5.0	5.3	4.8	4.9	2.3
189 RAD-1217	5.0	5.8	4.5	4.6	7.0
190 TD-4-JP08	5.0	5.1	5.1	4.7	7.0
191 PST-K4-15	5.0	5.6	4.7	4.6	4.7
192 A06-2	5.0	5.3	4.8	4.8	4.3
193 GS-5-09	4.9	4.8	5.4	4.6	4.7
194 Monte Carlo	4.9	5.3	5.0	4.5	5.0
195 Moon Beam	4.9	5.3	4.8	4.6	5.0
196 TD-5 JP08	4.9	5.1	5.2	4.5	6.3
197 A04-1407	4.9	4.8	5.6	4.4	4.0
198 A06-24	4.9	5.7	4.6	4.5	4.7
199 PST-A06-632	4.9	4.8	5.0	4.9	4.0
200 Bandera	4.9	5.2	4.8	4.7	3.0
201 Waterworks	4.9	5.6	4.7	4.4	4.3
202 PST-K7-29	4.9	5.2	4.7	4.7	3.3
203 STR 2451	4.9	4.8	4.7	5.1	5.3
204 A03TB-364	4.8	4.4	5.1	5.0	7.3
205 PST-K9-100	4.8	5.5	5.3	3.7	3.7
206 RSP	4.8	5.2	4.7	4.5	8.3
207 Bronco	4.8	5.0	4.8	4.6	2.0
208 Anastasia	4.8	4.9	5.2	4.2	2.7
209 RAD-892	4.8	5.0	4.7	4.6	2.0
210 Guinness	4.8	4.5	4.7	5.1	5.0

(Continued)

Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
211 Mozart 1	4.7	5.1	4.8	4.3	5.0
212 Pp H9131	4.7	5.2	5.0	4.0	4.0
213 Touchdown	4.7	4.4	4.9	4.9	6.7
214 PST-K9-85	4.7	5.2	4.3	4.7	5.3
215 PST-T9-16	4.7	5.1	4.3	4.7	4.3
216 RAD-924	4.7	5.1	4.7	4.3	6.0
217 PST-K7-58S	4.7	4.8	4.7	4.6	3.7
218 TD-7 JP08	4.7	4.6	4.5	5.0	5.3
219 PST-K9-88	4.7	5.0	4.5	4.5	4.7
220 PST-K9-87	4.7	5.0	4.7	4.2	5.0
221 A07-377	4.6	5.1	5.1	3.7	3.3
222 Limousine	4.6	4.1	4.8	5.1	4.0
223 A99-2444	4.6	4.9	4.5	4.4	5.0
224 Extra	4.6	5.0	4.1	4.7	3.3
225 RAD-860	4.6	4.8	4.4	4.7	5.7
226 PST-K9-94	4.6	4.7	4.4	4.6	5.3
227 STR 2278	4.6	4.6	4.4	4.8	4.3
228 PST-1G4-66	4.6	4.6	4.5	4.5	5.7
229 Bordeaux	4.6	4.9	4.5	4.3	5.0
230 H01-492	4.5	4.1	5.0	4.4	7.3
231 STR 2553	4.5	4.0	4.4	5.1	5.0
232 Action	4.5	4.7	4.5	4.3	6.3
233 A99-3110	4.5	5.2	4.1	4.2	4.3
234 Revel I	4.5	4.9	4.1	4.4	6.0
235 OF-10000	4.4	4.5	4.1	4.6	5.3
236 STR 2324	4.4	4.2	4.1	4.9	6.0
237 GS-3-09	4.4	3.9	4.5	4.8	4.3
238 RAD-926	4.4	4.2	4.5	4.4	5.7
239 Shamrock	4.3	4.3	4.1	4.6	5.7
240 A04TB-327	4.3	3.9	4.4	4.7	6.0
241 A02-976	4.3	4.7	4.1	4.2	6.0
242 PST-K9-102	4.3	4.2	4.1	4.6	4.7
243 Orfeo	4.3	4.0	3.9	4.9	4.7
244 Full Moon	4.2	4.5	4.0	4.2	6.7
245 Columbus	4.2	4.6	4.1	4.0	6.0

(Continued)



Table 3. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
246 A05-323	4.2	4.0	4.3	4.3	5.0
247 GS-4-09	4.2	4.9	3.7	4.0	4.0
248 PST-102-307	4.2	4.5	4.3	3.6	4.3
249 GS-2a-09	4.1	4.0	4.2	4.2	4.0
250 STR 23078	4.1	4.4	3.9	4.0	3.7
251 PST-K9-103	4.0	4.1	4.0	4.1	4.7
252 Kingfisher	4.0	4.1	3.8	4.2	3.7
253 RAD-641	4.0	4.2	3.6	4.2	5.3
254 Ulysses	4.0	3.2	4.0	4.7	5.0
255 Orfeo	3.9	3.5	4.0	4.4	3.7
256 PST-K9-84	3.9	4.5	3.4	4.0	3.7
257 A09-255 BDFxA02-6	3.9	3.6	3.5	4.6	5.7
258 A05TB-60	3.9	3.9	3.8	3.9	5.7
259 A98-39 P-105xOP	3.9	3.8	4.0	3.9	4.3
260 STR 23064	3.9	3.1	3.7	4.7	3.7
261 Winter Blue	3.8	4.3	3.5	3.6	3.7
262 PST-K7-59S	3.8	4.4	3.6	3.3	3.7
263 A05TB-41	3.7	3.9	3.4	3.9	6.0
264 Spitfire	3.7	3.4	3.4	4.1	4.0
265 Unique II	3.6	2.9	3.8	4.2	5.0
266 PST-K8-64	3.6	3.9	3.4	3.5	3.0
267 RAD-614	3.6	4.4	3.1	3.1	5.7
268 PST-K9-98	3.5	3.9	3.0	3.6	2.7
269 PST-K9-86	3.5	3.8	3.0	3.7	3.3
270 GS-2-09	3.5	3.2	3.6	3.6	5.0
271 A05-350	3.4	4.1	3.2	3.0	3.0
272 RAD-648	3.4	3.3	3.3	3.6	5.0
273 Mercury	3.2	2.2	3.4	4.0	5.0
274 PST-K8-65	3.1	3.7	2.2	3.4	2.7
275 SCKB-6	2.9	2.9	2.7	3.2	4.3
276 STR 235	2.7	1.5	2.8	3.8	4.0
277 A03TB-772	2.5	1.1	2.5	3.9	4.3
278 Camas	2.1	2.8	2.0	1.6	9.0
LSD at 5% =	0.7	0.9	0.8	0.8	1.4

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 =earliest spring green-up

Table 4. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2009 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
1 Midnight	6.7	6.5	6.5	7.0	2.0
2 Rhythm	6.5	6.2	6.7	6.7	1.0
3 AKB510	6.5	6.0	6.7	6.8	1.7
4 A03-3	6.5	7.0	6.5	5.9	6.0
5 Prosperity	6.4	6.5	6.5	6.3	4.3
6 AKB047	6.4	6.3	6.3	6.7	1.0
7 1A4-311	6.4	6.0	6.2	6.9	4.3
8 AKB434	6.3	6.2	6.6	6.1	4.3
9 A04-1488	6.2	6.1	5.9	6.6	4.3
10 A03-3606-8	6.1	6.5	6.0	5.9	6.7
11 Bewitched	6.1	6.1	6.3	6.0	1.0
12 103-585	6.0	6.4	6.1	5.5	5.3
13 A98-363	6.0	6.3	6.2	5.5	5.3
14 K4-3	6.0	6.0	5.8	6.1	4.7
15 AKB355	5.9	5.7	6.2	5.9	4.7
16 A94MH-94	5.9	6.0	5.8	5.9	3.7
17 K4-7	5.9	5.6	5.7	6.4	5.0
18 Rhapsody	5.9	5.8	5.9	6.0	6.7
19 A96-1338	5.9	5.4	6.1	6.1	5.7
20 A03TB-938	5.8	5.4	6.1	6.0	2.7
21 A00-1395	5.8	6.2	5.7	5.6	3.3
22 A06-8	5.8	6.3	5.7	5.6	4.7
23 Oasis	5.8	6.2	5.7	5.5	5.3
24 A05-322	5.8	6.1	5.6	5.8	4.3
25 AKB141864	5.7	5.7	5.7	5.8	5.7
26 K9-105D	5.7	6.0	5.9	5.3	5.0
27 A06-19	5.7	6.3	5.2	5.7	4.7
28 A06-33	5.7	6.1	5.6	5.4	6.0
29 Diva	5.7	6.0	5.4	5.6	4.7
30 A04-38	5.6	5.6	6.0	5.4	5.3
31 A05-347	5.6	6.2	5.6	5.1	3.0
32 K9-90	5.6	5.9	5.3	5.6	3.3
33 America	5.6	5.8	5.3	5.7	4.3
34 A00-2882	5.6	5.7	5.4	5.7	4.7
35 A03-351	5.6	5.7	5.6	5.5	2.7

(Continued)

Table 4. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
36 Bluenote	5.6	5.6	5.6	5.5	5.0
37 A05-316	5.5	5.2	5.7	5.7	5.0
38 103-87	5.5	5.8	5.4	5.4	5.3
39 K7-28	5.5	5.4	5.6	5.5	5.7
40 A04-1417	5.5	5.4	5.4	5.7	4.3
41 A99-523	5.5	5.6	5.4	5.5	3.7
42 A04-383	5.5	5.5	5.7	5.2	5.7
43 Yankee	5.5	5.5	5.4	5.5	4.0
44 A98-210	5.5	5.3	5.4	5.6	6.0
45 PP-34736	5.5	5.9	5.3	5.2	3.3
46 A05-314	5.4	5.5	5.2	5.6	5.0
47 104-59	5.4	5.3	5.3	5.5	4.3
48 Arrowhead	5.3	5.0	5.6	5.4	3.7
49 K9-82	5.3	5.1	5.5	5.2	3.0
50 K4-15	5.3	5.9	5.1	4.8	3.7
51 Rockstar	5.3	5.2	5.4	5.2	5.0
52 103-651	5.2	5.6	5.5	4.6	1.0
53 A05-894	5.2	5.4	5.4	4.9	4.7
54 Futurity	5.2	5.6	4.9	5.1	3.3
55 A05-321	5.2	5.3	5.0	5.4	4.3
56 A04-1271	5.2	5.4	4.9	5.3	6.0
57 A04-74	5.2	4.8	5.4	5.3	4.0
58 KH8529	5.2	5.9	5.0	4.6	5.3
59 K8-76NO	5.1	5.1	5.1	5.2	4.0
60 A03TB-677	5.1	5.1	5.2	5.1	7.0
61 AKB345	5.1	5.6	5.0	4.6	3.3
62 MSP 3898	5.1	5.5	4.8	5.0	4.0
63 A05-297	5.1	5.5	4.5	5.3	2.3
64 A06-2	5.1	5.1	4.7	5.4	5.3
65 T7-7	5.0	5.4	4.8	4.9	5.3
66 Sombrero	5.0	4.9	5.2	5.0	5.7
67 1G4-66	5.0	5.2	5.0	4.9	4.0
68 Mallard	5.0	5.3	4.8	5.0	5.0
69 A05-354	5.0	5.3	4.9	4.7	3.7
70 AKB426	5.0	4.7	5.3	5.0	4.3

(Continued)

Table 4. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
71 KH3343	5.0	4.7	5.2	5.0	4.3
72 AKB049	5.0	5.2	5.1	4.6	4.0
73 A06-632	5.0	5.0	5.1	4.8	2.7
74 AKB1010	4.9	5.0	5.0	4.8	3.7
75 K9-92	4.9	5.2	4.7	4.8	1.3
76 AKB262	4.9	5.9	4.3	4.5	4.3
77 MP07	4.9	4.9	5.2	4.5	4.0
78 Touchdown	4.8	4.5	5.0	4.9	6.7
79 Volt	4.8	4.8	4.7	5.0	5.3
80 K9-100	4.8	5.2	5.4	3.9	4.0
81 A05-323	4.8	5.0	4.5	4.9	5.7
82 Shamrock	4.8	5.0	4.6	4.8	4.3
83 AKB042	4.7	5.2	4.6	4.4	2.3
84 102-158	4.7	4.8	4.6	4.7	4.3
85 AKB186	4.7	5.0	4.4	4.7	4.7
86 AKB360	4.7	4.8	4.3	4.9	2.0
87 K9-99	4.7	5.2	4.2	4.6	2.0
88 AKB363	4.7	4.6	4.4	5.0	5.0
89 AKB953	4.7	5.0	4.3	4.6	4.7
90 AKB1565	4.7	5.2	4.3	4.5	4.3
91 AKB1661	4.6	4.6	4.9	4.5	1.3
92 Mozart 1	4.6	4.8	4.6	4.5	4.3
93 Baron	4.6	4.9	4.5	4.3	3.0
94 K9-87	4.5	4.6	4.7	4.3	5.0
95 Arrow	4.5	4.1	4.6	4.8	4.0
96 A07-393	4.5	4.8	4.2	4.4	3.3
97 K8-75NO	4.4	4.8	4.3	4.2	2.7
98 K7-29	4.4	5.0	4.0	4.2	1.7
99 Ridgeline	4.4	4.4	4.2	4.4	4.7
100 OF-5000	4.3	4.2	4.3	4.4	5.7
101 K9-86	4.2	5.2	3.4	4.0	2.3
102 AKB264	4.2	4.7	4.0	3.9	4.3
103 K8-64	4.1	5.0	3.5	3.9	2.3
104 AKB1012	4.1	4.6	3.8	3.9	4.7
105 Orfeo	4.1	3.4	4.1	4.6	4.7

(Continued)

Table 4. Kentucky bluegrass turf trial, 2009 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----				Spring Green-up <sup>2</sup> April 2012
	2010-2012 Avg.	2010 Avg.	2011 Avg.	2012 Avg.	
106 A05-350	4.0	4.7	3.8	3.5	2.3
107 TD08-4	3.9	3.9	3.9	3.9	4.3
108 KenBlue	3.8	3.9	4.2	3.2	8.0
109 AKB1543	3.7	3.5	3.9	3.6	4.3
LSD at 5% =	0.6	0.7	0.7	0.8	1.6

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 =earliest spring green-up

Table 5. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2010 at Adelphia, NJ.

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
1 Liberator	6.5	6.2	6.9	1.7	8.7	5.3
2 PST-K9-93	6.5	6.2	6.8	3.3	8.0	6.0
3 Solar Eclipse	6.5	6.1	6.8	1.0	9.0	5.0
4 Midnight	6.4	5.7	7.1	1.3	8.3	5.7
5 Freedom III	6.4	6.0	6.9	1.7	8.3	5.3
6 A00-1400	6.4	6.1	6.8	2.7	8.7	6.3
7 A04-340	6.4	6.3	6.5	4.7	8.7	5.7
8 Award	6.4	5.3	7.4	1.0	9.0	5.0
9 Bluenote	6.3	6.4	6.3	6.0	8.3	6.0
10 A05TB-386	6.3	5.7	7.0	6.3	7.3	6.3
11 Green Star	6.3	5.7	6.9	5.7	8.3	5.7
12 NuDestiny	6.2	5.4	7.1	1.0	8.7	5.0
13 SCKB1	6.2	5.5	6.9	2.0	8.0	4.3
14 A03-3606-8	6.2	5.6	6.7	6.3	8.0	4.7
15 Perfection	6.2	5.5	6.9	1.0	8.7	5.7
16 Bluechip Plus	6.2	5.5	6.9	1.7	8.0	5.7
17 Everest	6.2	5.7	6.7	1.0	8.0	5.7
18 Odyssey	6.2	5.7	6.6	1.0	8.7	5.3
19 PST-T10-17	6.1	5.4	6.8	5.3	8.7	3.3
20 A04-74	6.1	6.4	5.8	2.3	7.0	7.7
21 Quantum Leap	6.1	5.4	6.8	1.3	8.0	5.7
22 NuGlade	6.1	5.5	6.7	1.0	8.7	5.3
23 A99-2328	6.1	5.4	6.7	2.7	7.7	6.0
24 Beyond	6.0	5.4	6.7	1.3	8.3	5.7
25 Shiraz	6.0	6.1	5.9	4.3	7.7	6.3
26 Emblem	6.0	5.4	6.5	4.0	8.7	6.7
27 NuBlue	5.9	5.3	6.5	1.0	8.7	5.0
28 PST-K4-7	5.9	5.7	6.2	4.0	6.0	6.0
29 Prosperity	5.9	5.8	6.0	4.3	8.0	4.3
30 A99-2758	5.9	5.5	6.3	5.0	9.0	4.7
31 A03-3	5.9	5.5	6.2	7.0	8.0	6.3
32 RAD-138	5.9	5.0	6.8	3.0	7.7	4.7
33 A05-361	5.9	5.6	6.1	6.3	8.3	5.0
34 A04-46	5.9	5.3	6.5	1.7	7.3	4.7
35 Alexa II	5.9	5.2	6.6	1.3	8.0	5.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
36 A10-245	5.9	5.7	6.0	2.3	5.7	6.7
37 PST-K9-91	5.9	5.7	6.0	4.3	8.0	6.0
38 NuChicago	5.9	4.8	6.9	1.3	8.0	5.7
39 NA 3713	5.8	4.9	6.7	2.7	9.0	3.3
40 PST-K9-90	5.8	5.6	6.0	2.7	7.7	5.7
41 Arcadia	5.8	5.3	6.3	1.0	8.0	5.3
42 Sudden Impact	5.8	5.2	6.4	1.0	7.7	4.7
43 Ginney	5.8	5.4	6.2	1.3	8.3	6.0
44 A98-708	5.8	5.2	6.4	5.3	7.7	5.0
45 Rush	5.8	5.3	6.2	1.0	7.7	5.3
46 A06-47	5.7	6.3	5.2	7.0	6.7	7.7
47 Hampton	5.7	5.2	6.2	4.0	7.7	5.0
48 A98-344	5.7	5.5	6.0	5.0	5.3	6.7
49 Argos	5.7	5.7	5.7	5.3	6.7	6.0
50 A04-338	5.7	5.8	5.6	4.0	6.0	5.0
51 A10-239	5.7	5.4	6.0	3.0	7.0	5.0
52 A10-242	5.7	5.6	5.8	4.7	6.7	5.7
53 A10-249	5.7	5.4	6.0	4.0	6.0	6.7
54 A98-363	5.7	5.4	6.0	5.3	5.7	5.3
55 Right	5.7	5.0	6.4	2.7	7.7	4.7
56 A04-69	5.7	5.5	5.9	6.3	7.7	4.7
57 A03-37	5.7	5.6	5.7	7.0	8.0	4.7
58 A06-8	5.7	5.4	6.0	5.0	7.0	5.3
59 Noble	5.7	5.5	5.8	1.7	6.7	6.0
60 A05-324	5.7	6.1	5.2	3.7	6.0	7.3
61 A10-1	5.6	5.2	6.0	2.3	7.7	6.3
62 Bewitched	5.6	5.5	5.7	1.3	6.3	5.0
63 A01-245	5.6	5.8	5.4	4.0	5.7	6.0
64 A10-244	5.6	5.5	5.7	4.7	5.3	5.7
65 PST-07-261	5.6	5.0	6.2	5.7	6.3	5.0
66 PST-K10-111	5.6	5.6	5.6	6.0	7.0	5.7
67 PST-T10-20	5.6	5.2	5.9	6.0	8.7	3.0
68 A10-237	5.6	5.9	5.2	2.3	7.3	5.7
69 A06-26	5.6	5.8	5.4	4.0	6.3	6.0
70 A04TB-212	5.6	5.2	5.9	7.3	6.0	5.0

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
71 Keeneland	5.5	5.0	6.0	1.7	6.3	4.0
72 SR 2284	5.5	5.5	5.6	4.3	3.3	7.3
73 Rugby II	5.5	5.2	5.8	1.0	7.7	4.3
74 Mystere	5.5	5.1	5.9	7.0	8.3	5.7
75 AKB 449	5.5	4.9	6.1	3.3	7.3	5.7
76 A10-241	5.5	5.5	5.5	2.0	7.0	6.0
77 A10-246	5.5	5.5	5.5	3.0	6.3	6.3
78 Gladstone	5.5	4.7	6.3	5.0	6.3	2.7
79 A05-360	5.5	5.2	5.8	5.3	8.0	5.0
80 A98-3320	5.5	5.5	5.5	5.3	6.0	5.0
81 A99-345	5.5	5.5	5.4	5.0	7.7	4.3
82 PST-K7-24	5.5	5.1	5.8	6.3	7.3	4.3
83 P-105	5.5	5.1	5.8	1.7	7.7	3.0
84 PST-K10-114	5.4	5.1	5.8	5.0	5.0	5.0
85 PST-T10-23	5.4	4.8	6.0	7.7	8.7	3.0
86 Yankee	5.4	4.8	6.1	3.7	7.7	2.3
87 A99-3124	5.4	5.4	5.5	6.7	5.3	6.3
88 A10-238	5.4	5.3	5.5	2.7	5.0	5.3
89 4-Season	5.4	4.9	5.9	1.0	8.7	2.7
90 PST-K10-110	5.4	5.3	5.4	2.7	8.0	4.7
91 STR 2485	5.4	5.1	5.7	7.3	8.3	4.7
92 Ginney II	5.4	5.2	5.6	1.7	7.7	5.7
93 A03TB-417	5.4	4.7	6.0	7.7	7.3	3.7
94 A99-2026	5.4	5.3	5.4	1.3	6.0	5.3
95 PST-K10-107	5.3	4.6	6.1	7.0	8.0	5.7
96 PST-T10-18	5.3	5.1	5.6	6.7	9.0	4.3
97 TD 2 JP08	5.3	4.9	5.8	7.3	8.0	4.0
98 A10-248	5.3	5.4	5.3	3.7	6.0	6.0
99 A96-1353	5.3	5.2	5.5	4.0	7.7	7.0
100 A04-66	5.3	5.2	5.4	5.0	7.7	6.0
101 Arrowhead	5.3	5.3	5.3	6.0	6.0	3.0
102 A04TB-258	5.3	5.0	5.6	4.7	7.7	3.3
103 A06-33	5.3	5.3	5.3	4.0	5.0	6.7
104 PST-K7-28	5.3	5.0	5.5	4.3	3.7	4.7
105 Everglade	5.3	4.6	6.0	1.3	7.7	4.7

(Continued)



Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
106 A96-1338	5.3	5.0	5.5	7.3	8.3	4.0
107 H99-1551	5.3	5.1	5.5	2.3	7.3	6.3
108 A00-4199	5.3	5.2	5.4	2.7	7.0	4.0
109 SCKB4	5.3	4.5	6.0	5.0	8.3	3.3
110 A05-316	5.3	4.9	5.7	5.7	4.7	4.7
111 A06-11	5.3	5.3	5.2	7.0	5.3	5.7
112 RAD-66	5.3	4.8	5.7	6.3	6.7	5.3
113 A06-40	5.2	5.0	5.5	4.7	5.7	4.3
114 Moonlight	5.2	5.0	5.5	2.0	7.0	6.0
115 A99-3110	5.2	4.8	5.7	3.3	3.7	5.7
116 A99-2771	5.2	5.0	5.4	4.7	7.7	5.0
117 A10-280	5.2	4.6	5.8	7.0	4.7	5.0
118 A09-230	5.2	5.5	4.9	4.7	7.0	6.3
119 Jumpstart	5.2	4.3	6.0	7.7	8.3	1.3
120 A10-251	5.2	5.1	5.3	6.3	6.0	5.3
121 A08-6	5.2	5.3	5.1	3.3	5.0	6.0
122 Lakeshore	5.2	5.1	5.2	5.7	6.7	4.3
123 A05-292	5.2	5.0	5.4	8.3	5.7	5.0
124 A05-303	5.2	5.0	5.4	3.3	4.7	4.0
125 TD 4 JP08	5.2	4.4	5.9	7.0	7.7	2.7
126 Ridgeline	5.2	5.1	5.3	3.0	5.0	6.0
127 PST-109-996	5.2	4.6	5.7	8.3	7.3	1.7
128 PST-K4-3	5.2	4.3	6.0	6.0	7.3	3.3
129 RAD-130	5.2	4.6	5.7	4.3	6.0	5.0
130 A10-240	5.2	5.2	5.1	3.3	8.0	5.3
131 Touche	5.1	4.7	5.6	6.7	8.7	4.0
132 Sonoma	5.1	5.0	5.3	3.0	6.0	5.3
133 NA A00-1254	5.1	4.3	6.0	4.0	8.7	3.3
134 A08-3	5.1	4.8	5.4	2.0	4.7	5.3
135 A94MH-94	5.1	4.7	5.6	2.7	8.3	3.7
136 A99-2231	5.1	5.2	5.0	3.3	4.3	5.7
137 A99-523	5.1	5.3	4.9	3.0	5.0	6.7
138 PST-K10-106D	5.1	4.3	5.9	7.3	7.3	2.0
139 A05-853	5.1	4.9	5.2	5.0	6.3	5.3
140 A07-1233	5.1	4.8	5.3	1.7	8.0	4.7

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
141 PST-T10-21	5.1	4.3	5.8	7.0	8.7	1.3
142 A04-40	5.1	5.1	5.0	5.7	6.3	5.0
143 A10-5	5.1	4.9	5.2	3.3	5.7	5.7
144 A06-19	5.1	4.5	5.6	3.3	4.3	5.7
145 PST-07S-95	5.1	4.5	5.6	8.0	5.3	4.7
146 A10-252	5.1	4.9	5.2	3.3	6.3	6.0
147 PST-K10-112	5.0	5.1	4.9	5.7	6.7	5.7
148 A05TB-275	5.0	5.1	4.9	7.7	5.7	5.7
149 A07-5	5.0	5.1	5.0	6.0	5.3	6.0
150 TD 9 JP08	5.0	4.4	5.7	6.7	8.3	2.7
151 A05-201	5.0	4.8	5.2	6.3	6.7	4.3
152 A05-319	5.0	4.8	5.2	5.7	6.3	3.7
153 PST-104-208	5.0	4.7	5.3	3.7	4.0	5.0
154 A93-201	5.0	4.5	5.5	5.7	5.7	3.7
155 Bordeaux	5.0	5.1	4.9	4.0	3.0	5.0
156 H99-1653	5.0	4.7	5.3	6.7	7.0	3.7
157 A03-38	5.0	4.7	5.3	6.3	7.7	4.7
158 A01-1106	5.0	4.4	5.6	2.7	8.3	4.3
159 STR 2509	5.0	5.0	5.0	3.3	3.3	6.0
160 Alpine	5.0	4.9	5.0	2.0	5.3	4.3
161 Blueberry	5.0	5.1	4.9	2.3	6.7	5.0
162 Concerto	5.0	4.8	5.2	6.0	6.0	3.7
163 A04-36	5.0	4.6	5.3	6.3	6.3	4.3
164 A10-247	5.0	4.7	5.2	2.7	7.0	5.7
165 A06-20	5.0	4.8	5.1	5.3	3.7	5.7
166 PST-K9-100	5.0	4.5	5.4	5.0	7.7	4.3
167 H01-229	5.0	5.3	4.6	5.7	6.0	5.0
168 A06-60	5.0	5.1	4.8	5.3	5.0	5.7
169 Gaelic	5.0	4.8	5.1	5.7	7.3	3.0
170 Kingfisher	5.0	4.8	5.1	2.7	3.7	6.0
171 TD 5 JP08	5.0	4.5	5.4	6.7	7.7	5.3
172 Diva	5.0	4.9	5.0	5.7	5.7	4.7
173 #3725	5.0	4.6	5.3	3.3	7.3	3.3
174 PST-T7-7	4.9	4.7	5.2	6.0	8.3	3.0
175 STR 2553	4.9	5.1	4.8	3.3	4.0	6.7

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
176 RAD-889	4.9	5.0	4.8	3.3	5.7	6.0
177 H01-351	4.9	4.9	4.9	4.3	3.7	3.3
178 A09-232	4.9	4.5	5.3	4.0	8.0	4.7
179 PST-T10-22	4.9	4.1	5.7	7.7	8.0	2.3
180 A00-247	4.9	5.1	4.7	2.7	4.7	5.3
181 Moonshine	4.9	4.5	5.3	5.7	7.3	3.0
182 PSG 2677	4.9	4.8	5.0	6.0	5.3	4.3
183 Blackberry	4.9	4.9	4.9	5.7	4.7	4.7
184 A98-210	4.9	5.2	4.6	5.0	6.0	6.0
185 Starburst	4.9	4.7	5.0	6.7	8.0	6.3
186 Royce	4.8	5.0	4.6	3.0	4.7	6.0
187 STR 2278	4.8	4.8	4.8	2.7	4.7	7.0
188 RAD-70	4.8	4.1	5.5	5.0	6.3	4.7
189 Bonaire	4.8	4.7	4.9	5.7	6.3	3.7
190 RAD-858	4.8	4.9	4.7	6.0	6.7	3.7
191 PST-K9-101	4.8	4.5	5.1	2.7	3.7	3.7
192 A08-2	4.8	4.6	4.9	3.7	5.7	6.0
193 A05-315	4.8	4.4	5.2	5.3	7.3	4.0
194 A06-7	4.8	4.8	4.8	3.0	6.0	5.0
195 A05-312	4.8	4.5	5.0	5.0	6.3	3.0
196 PST-K10-115D	4.8	4.5	5.0	6.7	7.0	5.7
197 Zinfandel	4.8	4.8	4.7	4.7	6.3	5.3
198 RAD-7PH6	4.8	4.4	5.1	7.3	8.3	2.7
199 A05-825	4.8	4.4	5.1	8.0	7.0	4.0
200 A06-34	4.8	4.9	4.6	3.7	4.0	5.3
201 SCKB2	4.8	4.3	5.2	5.7	7.3	2.0
202 RAD-KCC4L	4.7	4.2	5.2	5.3	6.7	3.3
203 RAD-121	4.7	4.6	4.9	8.7	6.7	3.7
204 Shamrock	4.7	4.3	5.2	6.0	5.0	4.0
205 PST-A07-393	4.7	4.7	4.8	2.3	5.7	4.3
206 STR 2553	4.7	5.0	4.5	1.7	4.0	5.7
207 STR 2959	4.7	4.4	5.0	5.0	6.7	3.0
208 A05-858	4.7	4.0	5.4	6.3	8.0	4.3
209 A04-1271	4.7	4.2	5.2	4.7	7.7	4.3
210 PST-K9-89	4.7	4.3	5.1	2.3	7.0	6.0

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
211 A06-3	4.7	5.0	4.4	4.3	4.0	6.7
212 SR 2109	4.7	4.2	5.2	3.3	8.0	2.0
213 America	4.7	4.7	4.7	2.7	4.0	6.7
214 A96-468	4.7	4.7	4.7	2.3	5.3	5.0
215 Bandera	4.7	4.8	4.6	3.0	5.7	4.3
216 Bedazzled	4.7	4.6	4.8	2.3	6.3	5.3
217 Monte Carlo	4.7	4.4	5.0	2.3	5.3	6.3
218 A06-1033	4.7	4.3	5.0	3.3	4.7	3.3
219 Volt	4.7	4.2	5.1	5.7	5.0	3.7
220 PST-K8-81NO	4.6	5.2	4.0	2.3	5.0	4.0
221 TD 7 JP08	4.6	4.0	5.3	6.7	8.0	3.0
222 Limousine	4.6	4.4	4.9	4.0	8.0	1.3
223 A04-38	4.6	4.0	5.2	5.3	5.7	3.0
224 A05-322	4.6	4.8	4.5	3.0	4.3	5.7
225 A05-342	4.6	4.5	4.7	2.3	4.7	5.3
226 SCKB3	4.6	4.3	5.0	4.7	6.7	3.0
227 STR 2451	4.6	4.9	4.3	2.3	3.0	6.7
228 A05-999	4.6	4.1	5.1	5.3	6.3	3.0
229 PST-T10-25	4.6	4.3	4.8	6.0	5.3	4.3
230 Armada	4.6	4.1	5.0	4.0	4.0	4.3
231 Aviator	4.6	3.7	5.4	5.3	6.3	2.7
232 A98-3369	4.6	3.9	5.2	2.0	4.3	3.3
233 A10-4	4.5	4.6	4.5	5.7	4.3	6.7
234 PST-K9-103	4.5	4.7	4.4	6.0	6.3	4.7
235 A06-4	4.5	4.3	4.7	2.0	5.7	5.3
236 PST-T10-27	4.5	4.9	4.2	4.7	6.3	6.0
237 Brooklawn	4.5	4.0	5.0	5.3	6.0	2.3
238 A05-344	4.5	4.7	4.4	3.7	3.0	6.7
239 A04-35	4.5	3.9	5.1	4.0	6.0	2.3
240 PST-K7-29	4.5	4.0	5.0	4.0	4.3	3.0
241 Champagne	4.5	4.2	4.8	5.3	6.7	3.7
242 Abbey	4.5	4.0	4.9	3.7	4.3	4.7
243 MP07	4.5	3.9	5.0	4.3	8.0	3.0
244 A98-1001	4.5	4.2	4.7	1.3	5.3	6.0
245 A01-938	4.5	4.1	4.8	9.0	7.3	5.7

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

	Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
		2011-2012 Avg.	2012 Avg.	2011 Avg.			
246	A09-231	4.5	4.6	4.3	5.7	7.0	3.7
247	STR 2332	4.4	4.8	4.0	3.7	3.0	6.3
248	A10-3	4.4	4.1	4.7	2.7	7.3	5.0
249	A01-881	4.4	4.4	4.4	7.0	7.0	4.3
250	A06-14	4.4	4.3	4.5	3.3	5.0	5.3
251	PST-101-362	4.4	4.2	4.6	3.7	4.0	4.0
252	PST-T10-28 NO	4.4	4.3	4.5	8.0	7.7	5.7
253	Touchdown	4.4	4.0	4.8	6.3	6.3	2.3
254	Rubicon	4.4	4.3	4.5	6.3	6.3	2.0
255	A05-930	4.4	4.1	4.7	4.3	5.7	2.7
256	A04-387	4.4	4.5	4.2	4.3	6.0	4.7
257	RAD-502	4.4	3.7	5.0	6.0	7.0	2.0
258	5-09 KB	4.3	3.9	4.8	2.7	7.7	3.7
259	Voyager II	4.3	4.5	4.2	3.3	4.3	5.3
260	PST-K8-80NL	4.3	4.1	4.5	1.7	7.7	1.7
261	A04-1315	4.3	3.4	5.3	3.3	5.0	2.7
262	A05-330	4.3	3.9	4.6	3.0	4.3	6.7
263	A10-2	4.3	4.1	4.4	2.7	4.0	6.3
264	PST-K9-99	4.3	3.4	5.1	3.0	5.0	1.3
265	Ulysses	4.3	4.0	4.5	3.3	6.3	4.7
266	H01-492	4.3	4.2	4.3	7.0	7.0	4.3
267	PST-K10-108S	4.3	4.0	4.5	2.0	5.0	4.7
268	RSP	4.3	3.7	4.8	8.7	8.3	2.3
269	PST-K8-76NO	4.2	3.8	4.7	3.7	5.7	1.3
270	A04-1400	4.2	3.7	4.7	2.0	3.0	2.0
271	A99-320	4.2	3.8	4.6	9.0	6.7	4.7
272	SR 2100	4.2	4.2	4.2	2.3	5.0	6.0
273	A04-1569	4.2	3.7	4.6	2.3	3.3	3.3
274	A07-377	4.2	3.6	4.7	3.3	3.7	3.7
275	A03-6	4.1	3.5	4.7	7.3	8.3	2.0
276	PST-K10-109S	4.1	4.2	4.0	2.0	6.0	5.7
277	Cheetah	4.1	3.4	4.8	3.3	6.3	2.0
278	A08-377	4.1	3.0	5.1	3.3	5.3	1.7
279	Mallard	4.1	3.5	4.6	5.0	6.3	3.7
280	RAD-955	4.1	4.8	3.4	1.7	4.7	5.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2010 (continued).

Cultivar or Selection	----- Turf Quality <sup>1</sup> -----			Spring Green-up <sup>2</sup> April 2012	Stemmi-ness <sup>3</sup> May 2012	Dollar Spot <sup>4</sup> July 2012
	2011-2012 Avg.	2012 Avg.	2011 Avg.			
281 Guinness	4.0	4.0	4.0	5.3	5.7	3.3
282 RAD-YOS128	4.0	3.9	4.1	7.7	6.7	5.0
283 RAD-941	4.0	4.2	3.8	7.3	7.0	6.0
284 PST-1G4-66	4.0	3.5	4.4	4.0	5.7	3.3
285 Orfeo	4.0	3.7	4.2	3.3	1.7	5.7
286 PST-T9-16	3.9	3.7	4.1	3.3	6.3	3.3
287 A04-1377	3.9	3.7	4.1	4.3	4.3	3.7
288 Corsair	3.8	3.0	4.6	5.7	6.3	2.7
289 TD 08-4	3.7	3.7	3.6	2.0	3.3	4.0
290 A08-338	3.6	3.0	4.3	5.3	4.3	1.0
291 NA 3733	3.5	3.5	3.5	3.7	3.0	4.3
292 Spitfire	3.5	3.6	3.3	4.3	4.3	5.3
293 RAD-902	3.5	3.6	3.3	4.0	4.7	5.3
294 STR 23064	3.4	3.8	2.9	2.7	3.0	6.7
295 RAD-51	3.3	3.1	3.4	4.0	5.3	1.7
296 Boutique	2.0	2.9	1.1	3.7	3.3	4.3
297 Camas	2.0	1.7	2.3	9.0	6.0	3.3
298 Action	2.0	1.8	2.2	8.0	5.7	2.3
LSD at 5% =	0.7	0.8	0.8	1.9	1.4	1.7

<sup>1</sup>9 = best turf quality

<sup>2</sup>9 = earliest spring green-up

<sup>3</sup>9 = least reproductive stems

<sup>4</sup>9 = least disease

Table 6. Performance of Kentucky bluegrass cultivars and selections in a low maintenance trial seeded in September 2010 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
1 RAD-7PH6	6.6	6.9	6.3
2 H99-1653	6.6	7.3	5.8
3 TD 2 JP08	6.5	7.0	6.0
4 T10-23	6.2	7.1	5.4
5 Touche	6.1	6.9	5.3
6 T10-20	6.1	6.4	5.8
7 A96-1338	6.1	6.7	5.5
8 A01-349	6.1	6.2	6.0
9 STR 2485	6.0	6.5	5.4
10 A03-3606-8	5.9	6.6	5.1
11 5734-11	5.9	6.7	5.0
12 T10-18	5.8	6.6	5.0
13 NA 3713	5.8	6.6	5.0
14 Mystere	5.7	6.4	5.0
15 A10-1	5.7	6.4	5.1
16 SR 2109	5.6	6.3	4.9
17 BlueNote	5.6	6.3	4.9
18 Midnight II	5.6	6.1	5.0
19 SCKB 2	5.5	6.5	4.6
20 A03-3	5.5	6.4	4.6
21 RAD-121	5.5	6.0	4.9
22 A05-360	5.5	6.5	4.4
23 SCKB 4	5.4	6.2	4.6
24 PST-T10-22	5.4	6.1	4.8
25 Shiraz	5.4	6.0	4.6
26 PST-K10-107	5.3	6.2	4.4
27 Cabernet	5.3	6.0	4.6
28 PSG 2677	5.3	6.1	4.3
29 T10-28 NO	5.3	6.2	4.3
30 PST-07-261	5.2	6.0	4.4
31 A05-361	5.2	6.2	4.3
32 Zinfandel	5.2	5.8	4.5
33 A05-930	5.2	5.4	5.0
34 Keeneland	5.2	5.9	4.4
35 Nu Chicago	5.1	6.0	4.4

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2010 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
36 BlueChip Plus	5.1	6.1	4.1
37 P-105	5.1	5.5	4.8
38 RAD-KCC4L	5.1	5.6	4.7
39 Hampton	5.1	6.2	4.0
40 Jump Start	5.1	5.9	4.3
41 RAD-858	5.1	5.8	4.3
42 A04-340	5.1	5.7	4.5
43 K4-3	5.1	6.1	4.1
44 A05-999	5.1	5.9	4.2
45 AKB 449	5.0	5.7	4.4
46 5-09	5.0	5.5	4.5
47 H01-938	5.0	5.4	4.6
48 MP07	5.0	6.1	3.9
49 Alpine	5.0	5.5	4.4
50 Midnight	5.0	5.9	4.0
51 Right	5.0	5.4	4.5
52 PST-K10-106D	5.0	5.5	4.5
53 Solar Eclipse	5.0	5.7	4.1
54 Diva	5.0	5.3	4.6
55 RAD-138	5.0	6.2	3.8
56 Rubicon	5.0	5.6	4.3
57 109-996	4.9	5.5	4.4
58 Nuglade	4.9	5.8	4.1
59 A06-11	4.9	5.3	4.5
60 Arcadia	4.9	5.9	4.0
61 PST-K10-115D	4.9	5.5	4.3
62 Bewitched	4.9	5.5	4.4
63 A05-825	4.9	5.8	4.1
64 Emblem	4.9	5.8	4.0
65 Shannon	4.9	5.8	4.0
66 Odyssey	4.9	6.0	3.8
67 A98-1001	4.9	5.3	4.5
68 Right	4.8	5.6	4.2
69 Jump Start	4.8	5.5	4.2
70 K10-112	4.8	5.3	4.4

(Continued)



Table 6. Kentucky bluegrass low maintenance turf trial, 2010 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
71 PST-T10-17	4.8	5.5	4.2
72 Everglade	4.8	5.7	3.8
73 Alexa II	4.8	5.4	4.2
74 A03-38	4.8	6.0	3.7
75 A06-40	4.8	5.6	3.9
76 PST-T10-21	4.8	5.4	4.2
77 T10-27	4.8	5.3	4.1
78 Monte Carlo	4.7	5.2	4.2
79 RAD-502	4.7	5.4	4.1
80 Starburst	4.7	5.1	4.4
81 Volt	4.7	5.4	3.9
82 Freedom III	4.7	5.2	4.2
83 STR 2509	4.6	5.0	4.2
84 Gaelic	4.6	4.6	4.7
85 Champagne	4.6	5.3	4.0
86 Nu Blue	4.6	5.1	4.1
87 RAD-Y0S128	4.6	5.2	4.0
88 A05-315	4.6	5.0	4.2
89 STR 2278	4.6	4.8	4.4
90 Perfection	4.6	5.4	3.9
91 Beyond	4.6	5.5	3.7
92 Rugby II	4.6	5.3	3.9
93 A05-210	4.6	5.4	3.8
94 Quantum Leap	4.6	5.6	3.5
95 Royce	4.6	5.1	4.1
96 Sonoma	4.6	5.1	4.0
97 A04-38	4.6	5.4	3.7
98 A99-2758	4.6	5.5	3.6
99 A10-241	4.6	5.3	3.8
100 SCKB 1	4.5	5.9	3.3
101 Abbey	4.5	5.4	3.7
102 Prosperity	4.5	4.7	4.4
103 Green Star	4.5	5.6	3.5
104 K9-90	4.5	5.3	3.8
105 Rockstar	4.5	5.0	4.0

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2010 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
106 A04-66	4.5	5.5	3.6
107 PST-K7-24	4.5	5.1	3.9
108 PST-K10-108S	4.5	4.9	4.1
109 Concerto	4.5	4.9	4.1
110 Mallard	4.5	5.2	3.8
111 PST-T10-25	4.4	5.4	3.5
112 RAD-941	4.4	4.9	3.9
113 Bonaire	4.4	5.1	3.8
114 A10-3	4.4	4.8	4.0
115 A06-47	4.4	4.7	4.2
116 A99-2444	4.4	4.8	4.0
117 H01-492	4.4	4.8	4.0
118 K4-7	4.4	5.4	3.4
119 A10-4	4.4	5.4	3.4
120 Argos	4.4	5.3	3.4
121 Moonshine	4.4	4.2	4.4
122 PST-K10-111	4.4	4.8	3.9
123 Everest	4.4	5.4	3.4
124 A08-3	4.4	5.3	3.4
125 A04-1271	4.3	5.3	3.4
126 A08-2	4.3	5.3	3.4
127 A98-210	4.3	4.9	3.8
128 Bandera	4.3	5.2	3.5
129 H99-1551	4.3	4.7	3.8
130 Orfeo	4.3	5.2	3.3
131 PST-T7-7	4.3	5.0	3.5
132 Nu Destiny	4.3	5.0	3.5
133 A10-253	4.3	4.8	3.8
134 A05-324	4.2	4.6	3.8
135 PST-K7-28	4.2	4.4	4.1
136 PST-K9-93	4.2	5.0	3.4
137 Liberator	4.2	5.0	3.5
138 Blueberry	4.2	5.0	3.4
139 A99-523	4.2	4.6	3.8
140 PST-1G4-66	4.2	4.9	3.6

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2010 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
141 PST-K9-103	4.2	4.4	4.0
142 Ridgeline	4.2	5.0	3.4
143 Action	4.2	4.3	4.2
144 RAD-889	4.2	4.6	3.8
145 RAD-70	4.2	5.0	3.3
146 A07-377	4.2	4.7	3.7
147 A05-316	4.2	4.7	3.7
148 A06-08	4.2	5.0	3.3
149 SR 2284	4.2	5.0	3.4
150 Bedazzled	4.2	4.7	3.6
151 A10-244	4.2	4.6	3.7
152 STR 2451	4.1	4.7	3.5
153 104-208	4.1	4.3	3.9
154 PST-K9-100	4.1	4.8	3.5
155 RAD-66	4.1	5.4	2.9
156 A05-322	4.1	4.6	3.7
157 Armada	4.1	5.0	3.2
158 Rush	4.1	4.6	3.6
159 A04-338	4.1	4.5	3.6
160 Guinney	4.0	4.8	3.3
161 Guinness	4.0	4.5	3.6
162 A05-344	4.0	4.3	3.7
163 America	4.0	4.3	3.6
164 PST-K10-114	4.0	5.0	2.9
165 Bordeaux	4.0	4.7	3.4
166 A10-252	4.0	4.0	4.1
167 SCKB 3	4.0	4.7	3.3
168 A99-3110	4.0	5.1	2.8
169 SR 2100	3.9	5.1	2.7
170 PST-K9-89	3.9	5.1	2.8
171 RAD-130	3.9	5.0	2.8
172 Arrowhead	3.9	4.4	3.4
173 A06-14	3.9	4.3	3.5
174 K9-99	3.9	4.6	3.3
175 TD 9 JP08	3.9	4.9	2.9

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2010 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
176 PST-K9-101	3.9	4.4	3.3
177 Touchdown	3.8	4.4	3.3
178 TD 08-4	3.8	4.4	3.3
179 STR 2332	3.8	4.1	3.5
180 A05-342	3.8	3.9	3.8
181 Sudden Impact	3.8	4.7	3.0
182 Aviator	3.8	4.1	3.5
183 PST-K10-109S	3.8	3.6	4.0
184 A10-237	3.8	4.3	3.2
185 Kingfisher	3.7	4.7	2.7
186 8179 H04-528	3.7	4.8	2.7
187 TD 5 JP08	3.7	4.6	2.6
188 PST-K10-110	3.7	4.1	3.2
189 07S-95	3.7	4.9	2.4
190 RAD-955	3.7	4.0	3.3
191 Yankee	3.7	4.5	2.8
192 Blackberry	3.7	4.1	3.2
193 A05-344	3.7	4.3	3.0
194 Fielder	3.6	4.2	3.1
195 Cheetah	3.6	4.6	2.7
196 Limousine	3.6	3.8	3.4
197 A99-2328	3.6	4.3	3.0
198 TD 7 JP08	3.6	4.4	2.8
199 A06-34	3.6	4.1	3.1
200 Camas	3.6	3.9	3.4
201 TD 4 JP08	3.6	4.7	2.5
202 A04-74	3.6	3.7	3.4
203 4-Season	3.6	4.0	3.1
204 Ulysses	3.5	4.2	2.9
205 Spitfire	3.5	4.3	2.8
206 A06-3	3.5	3.7	3.3
207 Moonlight	3.5	3.8	3.3
208 T9-16	3.5	4.2	2.9
209 A10-2	3.5	4.1	2.9
210 A06-19	3.5	4.1	2.9

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2010 (continued).

Cultivar or Selection	-----Turf Quality <sup>1</sup> -----		
	2011-2012 Avg.	2011 Avg.	2012 Avg.
211 Noble	3.4	3.9	2.9
212 A04-38	3.2	3.6	2.9
213 PST-K9-91	3.2	3.8	2.6
214 RAD-902	3.2	3.9	2.5
215 Voyager II	3.1	3.3	3.0
216 NA 3733	3.1	3.3	2.9
217 A06-4	3.0	3.5	2.6
218 Corsair	3.0	3.1	2.9
219 STR 23064	3.0	3.3	2.6
220 101-362	2.8	2.7	3.0
221 Boutique	2.2	2.4	2.0
222 RAD-51	2.1	2.0	2.2
LSD at 5% =	0.9	1.1	1.0

<sup>1</sup>9 = best turf quality

Table 7. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2011 at Adelphia, NJ.

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
1 Everest	6.9	60.0
2 Quantum Leap	6.7	45.0
3 A06-1053	6.6	48.3
4 Freedom III	6.6	46.7
5 Beyond	6.4	56.7
6 Moonlight SLT	6.4	48.3
7 NuBlue Plus	6.4	46.7
8 NuDestiny	6.4	46.7
9 A05TB-386	6.4	40.0
10 Odyssey	6.3	43.3
11 Solar Eclipse	6.3	55.0
12 Arcadia	6.3	51.7
13 Perfection	6.2	36.7
14 A06-46	6.2	50.0
15 Liberator	6.2	38.3
16 A11-48	6.1	50.0
17 Award	6.1	53.3
18 Bluechip	6.1	50.0
19 Alexa II	6.1	48.3
20 NuChicago	6.0	50.0
21 A04-340	6.0	40.0
22 RAD-138	6.0	30.0
23 Ginney II	6.0	56.7
24 A99-2758	6.0	55.0
25 3713	6.0	36.7
26 Everglade	6.0	51.7
27 Rush	6.0	51.7
28 Right	6.0	33.3
29 A11-31	5.9	40.0
30 A09-305	5.9	48.3
31 A04-69	5.9	58.3
32 A11-47	5.9	40.0
33 A05-295	5.9	40.0
34 Shiraz	5.9	40.0
35 Diva	5.9	50.0

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
36 Sudden Impact	5.8	46.7
37 PST-T10-20	5.8	33.3
38 PST-102-45	5.8	40.0
39 A11-26	5.8	43.3
40 A04-69	5.8	55.0
41 Blue Note	5.7	46.7
42 PST-K7-39	5.7	43.3
43 A11-71	5.7	45.0
44 Zinfandel	5.7	50.0
45 A11-53	5.7	30.0
46 Fullback	5.7	40.0
47 A08-6	5.7	38.3
48 H01-697	5.7	46.7
49 Juliet	5.7	56.7
50 H01-938	5.7	45.0
51 PST-K10-107	5.7	48.3
52 A11-40	5.6	56.7
53 A04-1569	5.6	45.0
54 Touche	5.6	40.0
55 Awesome	5.6	38.3
56 A06-11	5.6	41.7
57 A94-677	5.6	30.0
58 STR 2451	5.6	21.7
59 PST-K11-127G	5.6	43.3
60 H98-767	5.6	36.7
61 Bluenote	5.6	58.3
62 A11-25	5.5	33.3
63 A00-1400	5.5	43.3
64 H99-1653	5.5	48.3
65 A05-847	5.5	53.3
66 A99-2897	5.5	45.0
67 PST-K11-123	5.5	40.0
68 PST-K10-110	5.5	45.0
69 A99-447	5.5	46.7
70 A06-2	5.5	53.3

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
71 TD-5 JP08	5.5	45.0
72 A04-66	5.5	50.0
73 A05-361	5.5	51.7
74 A04-74	5.5	55.0
75 PST-T10-17	5.5	48.3
76 PST-K10-111	5.5	56.7
77 A04-46	5.4	41.7
78 A06-40	5.4	41.7
79 A07-377	5.4	30.0
80 Avalanche	5.4	48.3
81 AKB707	5.4	48.3
82 Longhorn	5.4	41.7
83 PST-K11-118	5.4	40.0
84 Prosperity	5.4	38.3
85 PST-K10-114	5.4	50.0
86 A00-4199	5.4	53.3
87 Keeneland	5.4	50.0
88 A11-52	5.3	30.0
89 P-105	5.3	36.7
90 PST-K10-112	5.3	35.0
91 Rugby II	5.3	43.3
92 A04-1272	5.3	40.0
93 A01-1106	5.3	41.7
94 A04-32	5.3	30.0
95 A06-8	5.3	46.7
96 A96-425	5.3	50.0
97 A98-1001	5.3	45.0
98 Bewitched	5.3	30.0
99 A11-50	5.3	38.3
100 A06-33	5.3	43.3
101 A05-342	5.3	28.3
102 PST-K11-126	5.3	46.7
103 A11-49	5.2	35.0
104 A06-28	5.2	45.0
105 A04-1381	5.2	38.3

(Continued)



Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
106 SR 2284	5.2	35.0
107 A11-41	5.2	51.7
108 Avid	5.2	28.3
109 A10-249	5.2	38.3
110 A04-338	5.2	33.3
111 Alpine	5.2	38.3
112 A05-322	5.2	33.3
113 A98-363	5.2	53.3
114 A11-34	5.2	48.3
115 Empire	5.2	50.0
116 Emblem	5.2	41.7
117 PST-K11-122	5.2	46.7
118 A98-344	5.1	50.0
119 A04-36	5.1	46.7
120 A08-34	5.1	50.0
121 A98-1001	5.1	43.3
122 A10-241	5.1	51.7
123 PST-1QG-38	5.1	35.0
124 PST-A00-2969	5.1	45.0
125 A05TB-459	5.1	31.7
126 A11-38	5.1	55.0
127 A03-5	5.1	56.7
128 AKB1820	5.1	50.0
129 PST-T7-7	5.1	30.0
130 PST-K11-119 Sw	5.1	33.3
131 A03-26	5.1	50.0
132 PST-T10-21	5.1	45.0
133 A04-40	5.0	21.7
134 A03-37	5.0	51.7
135 A06-26	5.0	55.0
136 A05-925	5.0	41.7
137 A05-351	5.0	33.3
138 A98-210	5.0	43.3
139 A05-306	5.0	48.3
140 RAD-845	5.0	28.3

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
141 PST-T10-22-BS	5.0	45.0
142 PST-T10-23	5.0	31.7
143 RSP	5.0	51.7
144 A98-879	5.0	48.3
145 A00-1002	5.0	38.3
146 Bandera	5.0	53.3
147 STR 2485	5.0	43.3
148 A98-3320	4.9	43.3
149 A04-1470	4.9	41.7
150 A05-360	4.9	60.0
151 A10-3	4.9	45.0
152 Bedazzled	4.9	35.0
153 PST-07S-176	4.9	51.7
154 A10-238	4.9	48.3
155 PST-K9-96	4.9	58.3
156 A11-28	4.9	38.3
157 A10-252	4.9	31.7
158 A04-383	4.9	53.3
159 A05-297	4.9	33.3
160 A10-247	4.9	38.3
161 A04-1384	4.9	41.7
162 SR 2100	4.9	43.3
163 PST-109-996	4.9	36.7
164 A03-6	4.8	55.0
165 A99-2444	4.8	56.7
166 A04-1473	4.8	28.3
167 Hampton	4.8	41.7
168 RAD-1776	4.8	26.7
169 PST-K11-116G	4.8	35.0
170 4-Season	4.8	40.0
171 A05-853	4.8	33.3
172 A10-254	4.8	50.0
173 A05-315	4.8	46.7
174 A09-231	4.8	58.3
175 Mystere	4.8	46.7

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
176 Blueberry	4.8	40.0
177 PST-K11-125	4.8	36.7
178 Unique II	4.8	38.3
179 A06-1040	4.8	48.3
180 A99-2031	4.8	25.0
181 TD-4 JP08	4.8	46.7
182 STR 2278	4.8	36.7
183 PST-K10-113	4.8	33.3
184 PST-102-983	4.8	46.7
185 A04-1240	4.7	51.7
186 A01-1789	4.7	41.7
187 Champagne	4.7	50.0
188 AKB719	4.7	46.7
189 Rubicon	4.7	30.0
190 A11-30	4.7	45.0
191 A05-347	4.7	26.7
192 STR 2332	4.7	31.7
193 PST-K7-29	4.7	36.7
194 PST-K11-124	4.7	48.3
195 Jump Start	4.7	40.0
196 PST-K9-88	4.7	50.0
197 Ridgeline	4.6	35.0
198 A99-3122	4.6	31.7
199 PST-K10-108S	4.6	58.3
200 PST-K11-121	4.6	50.0
201 A05-310	4.6	40.0
202 Sonoma	4.6	48.3
203 A10-2	4.6	33.3
204 PST-K8-76NO	4.6	33.3
205 Limousine	4.6	36.7
206 A04-38	4.6	43.3
207 RAD-1791	4.6	21.7
208 A99-2026	4.5	36.7
209 H03-556	4.5	40.0
210 A04-1477	4.5	58.3

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
211 A05-313	4.5	35.0
212 PST-K9-101	4.5	41.7
213 PST-104-208	4.5	48.3
214 PST-K11-120 Gr	4.5	31.7
215 SR 2109	4.5	48.3
216 A06-663	4.5	46.7
217 A05-344	4.5	43.3
218 AKB1812	4.5	41.7
219 RAD-121	4.5	18.3
220 PST-K8-77NO	4.5	38.3
221 RAD-1405	4.4	20.0
222 Blackberry	4.4	35.0
223 PST-K8-64	4.4	35.0
224 A04TB-275	4.4	38.3
225 A08-2	4.4	50.0
226 A04-1315	4.4	48.3
227 PST-K9-104	4.4	20.0
228 A05-999	4.4	45.0
229 A01-1789	4.4	41.7
230 A09-258	4.4	65.0
231 Bordeaux	4.4	41.7
232 3925	4.4	25.0
233 STR 23064	4.4	26.7
234 PST-K11-128	4.4	45.0
235 Monte Carlo	4.3	38.3
236 A04-1477	4.3	48.3
237 A04-35	4.3	45.0
238 H02-607	4.3	51.7
239 A09-353	4.3	41.7
240 PST-K11-117G	4.3	31.7
241 PST-K8-60	4.3	33.3
242 A05-930	4.3	23.3
243 PST-T10-27	4.3	21.7
244 Noble	4.3	25.0
245 RAD-8IH34	4.3	20.0

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
246 Guinness	4.3	40.0
247 Cheetah	4.3	48.3
248 STR 2509	4.3	40.0
249 PST-A07-393	4.3	45.0
250 A04-1547	4.2	56.7
251 A99-2328	4.2	43.3
252 Gaelic	4.2	36.7
253 A99-3110	4.2	46.7
254 3725	4.2	36.7
255 Spitfire	4.2	55.0
256 A10-741	4.2	48.3
257 A06-658	4.2	45.0
258 Concerto	4.2	40.0
259 A01-881	4.2	43.3
260 PST-K8-61S	4.2	35.0
261 A99-3193	4.1	30.0
262 America	4.1	50.0
263 PSG 2677	4.1	35.0
264 Kingfisher	4.1	38.3
265 STR 2553	4.1	20.0
266 PST-102-965	4.1	50.0
267 A06-3	4.0	45.0
268 Argos	4.0	30.0
269 A99-2998	4.0	41.7
270 Brooklawn	4.0	45.0
271 Bonaire	4.0	40.0
272 Fielder	3.9	46.7
273 A05-827	3.9	58.3
274 Ulysses	3.9	45.0
275 PST-K8-66	3.9	36.7
276 Rock Star	3.9	36.7
277 Touchdown	3.8	43.3
278 ARC	3.8	40.0
279 Full Moon	3.7	33.3
280 GS-3-09	3.7	41.7

(Continued)

Table 7. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup> Oct. 2011 (%)
281 Orfeo	3.7	25.0
282 PST-IG4-66	3.7	41.7
283 PST-K8-65	3.6	38.3
284 H03-546	3.6	56.7
285 A04-1239	3.5	53.3
286 PST-IG4-68	3.4	33.3
287 PST-K9-103	3.4	41.7
288 RAD-ADT 320	3.3	15.0
289 2-09 KB	3.3	43.3
290 A06-6	3.1	23.3
291 Action	2.8	51.7
292 RAD-1216	2.2	16.7
293 RAD-857	1.8	20.0
294 RAD-197	1.2	15.0
295 Boutique	1.2	11.7
LSD at 5% =	0.8	13.1

<sup>1</sup>9 = best turf quality

<sup>2</sup>100 = completely green plot

Table 8. Performance of Kentucky bluegrass cultivars and selections in the National Turfgrass Evaluation Program (NTEP) seeded in September 2011 at Adelphia, NJ.

Cultivar or Selection	Turf Quality <sup>1</sup>	Green Cover <sup>2</sup>	Genetic Color <sup>3</sup>
	2012 Avg.	(%) Oct. 2011	Nov. 2012
1 J-1136	7.2	61.7	7.0
2 J-1770	6.9	60.0	6.3
3 J-1853	6.8	60.0	6.0
4 A03-1017	6.8	56.7	7.0
5 Sudden Impact	6.6	53.3	7.3
6 A06-46	6.6	38.3	8.3
7 Pick 4340	6.5	53.3	9.0
8 SRX 4338	6.5	40.0	9.0
9 SRX 2758	6.4	63.3	5.3
10 Midnight	6.4	56.7	7.0
11 Nu Chicago	6.3	56.7	6.7
12 Rush	6.2	40.0	8.0
13 Keeneland	6.2	43.3	8.7
14 A10-1	6.2	50.0	8.0
15 A05-361	6.1	56.7	7.3
16 Pick 033	6.1	43.3	8.0
17 SRX 466	6.0	58.3	6.3
18 Blue Note	6.0	46.7	7.0
19 PST-07-261	5.9	48.3	7.3
20 A01-1106	5.8	53.3	6.3
21 Burl 3-51	5.6	50.0	6.7
22 Skye	5.6	50.0	7.3
23 A05-360	5.6	60.0	6.3
24 A00-2882	5.5	33.3	7.3
25 A00-4199	5.5	58.3	6.3
26 RAD-849	5.5	36.7	6.3
27 A05-TB-382	5.4	41.7	6.0
28 Arrowhead	5.4	50.0	6.3
29 LTP-08-6	5.4	38.3	8.3
30 A06-26	5.4	51.7	7.0
31 PST-T10-18	5.4	38.3	7.0
32 PST K9-90	5.3	40.0	3.7
33 BAR 12PP 612	5.3	53.3	5.3
34 A04-74	5.3	51.7	8.0
35 4S2W	5.2	25.0	6.7

(Continued)

Table 8. Kentucky bluegrass turf trial, 2011, NTEP (continued).

Cultivar or Selection	Turf Quality <sup>1</sup> 2012 Avg.	Green Cover <sup>2</sup>	Genetic Color <sup>3</sup>
		(%) Oct. 2011	Nov. 2012
36 A05-315	5.2	46.7	6.0
37 Pp 10847	5.2	46.7	4.7
38 BAR VV-112916	5.2	55.0	4.0
39 BAR 8PP 504	5.1	55.0	5.3
40 PST K10-106D	5.1	48.3	4.0
41 BAR Pp 110358	5.1	55.0	4.7
42 Avid	5.1	41.7	7.0
43 PST-K4-3	5.1	51.7	4.3
44 H99-1653	5.1	50.0	6.0
45 Empire	5.0	36.7	7.7
46 Pick TD8	5.0	48.3	7.7
47 Award	5.0	21.7	7.3
48 A04-36	5.0	40.0	6.3
49 Burl 06-11	4.9	45.0	7.0
50 SRX 5321	4.8	45.0	5.3
51 A98-363	4.8	56.7	6.7
52 Oasis	4.8	51.7	7.3
53 A04-38	4.8	48.3	6.0
54 BAR VV 0709	4.7	60.0	3.7
55 AKB 2282	4.7	35.0	7.3
56 Pick TD9	4.7	40.0	6.3
57 RAD-1492	4.5	33.3	7.3
58 Cabernet	4.5	26.7	6.7
59 PpH 9131	4.5	50.0	3.7
60 A05-306	4.5	48.3	5.3
61 PST-K4-7	4.5	33.3	5.0
62 America	4.4	43.3	7.0
63 Waterworks	4.4	38.3	7.3
64 BAR Pp 119326	4.4	58.3	5.3
65 A05-999	4.3	26.7	4.7
66 Thermal Blue	4.3	56.7	4.7
67 A06-47	4.3	38.3	3.7
68 BAR VV 118532	4.3	50.0	4.7
69 RAD-507	4.2	35.0	5.0
70 DPPp 818	4.2	58.3	4.7

(Continued)



Table 8. Kentucky bluegrass turf trial, 2011, NTEP (continued).

Cultivar or Selection	Turf Quality <sup>1</sup>	Green Cover <sup>2</sup>	Genetic Color <sup>3</sup>
	2012 Avg.	(%) Oct. 2011	Nov. 2012
71 BAR Pp 119327	4.0	46.7	3.3
72 Barduke	4.0	46.7	4.3
73 Pick MD07	4.0	33.3	3.3
74 Baron	3.9	48.3	3.7
75 Blackjack	3.9	48.3	4.0
76 PST-K9-99	3.8	46.7	4.0
77 PST-K9-97	3.8	33.3	4.7
78 Shamrock	3.8	41.7	4.7
79 Kenblue	3.6	38.3	4.0
80 Artesia	3.6	30.0	5.7
81 AKB 2555	3.5	28.3	4.3
82 3733	3.5	30.0	5.3
LSD at 5% =	0.6	12.0	1.4

<sup>1</sup>9 = best turf quality

<sup>2</sup>100 = completely green plot

<sup>3</sup>9 = darkest green color

Table 9. Yearly nitrogen (N) applied and mowing height (Ht) on Kentucky bluegrass and Texas bluegrass hybrid tests established at Adelphia and North Brunswick, NJ.

	2009		2010		2011		2012	
	N <sup>1</sup>	Ht <sup>2</sup>	N	Ht	N	Ht	N	Ht
Table 1 (2008 Adelphia).....	4.00	1.5	3.75	1.5	3.00	1.5	2.25	1.5
Table 2 (2009 North Brunswick, Low Maintenance) .....			3.84	3.0	1.10	3.0	1.40	3.0
Table 3 (2009 Adelphia).....			4.50	1.5	3.00	1.5	3.00	1.5
Table 4 (2009 Adelphia).....			4.00	1.5	3.00	1.5	3.00	1.5
Table 5 (2010 Adelphia).....					2.25	1.5	3.00	1.5
Table 6 (2010 Adelphia, Low Maintenance).....					1.75	2.5	1.10	2.5
Table 7 (2011 Adelphia).....					4.50	1.5	3.75	1.5
Table 8 (2011 Adelphia, NTEP) .....					4.50	1.5	3.75	1.5

<sup>1</sup> Annual N applied (lb/1000 ft<sup>2</sup>)

<sup>2</sup> Mowing height in inches