

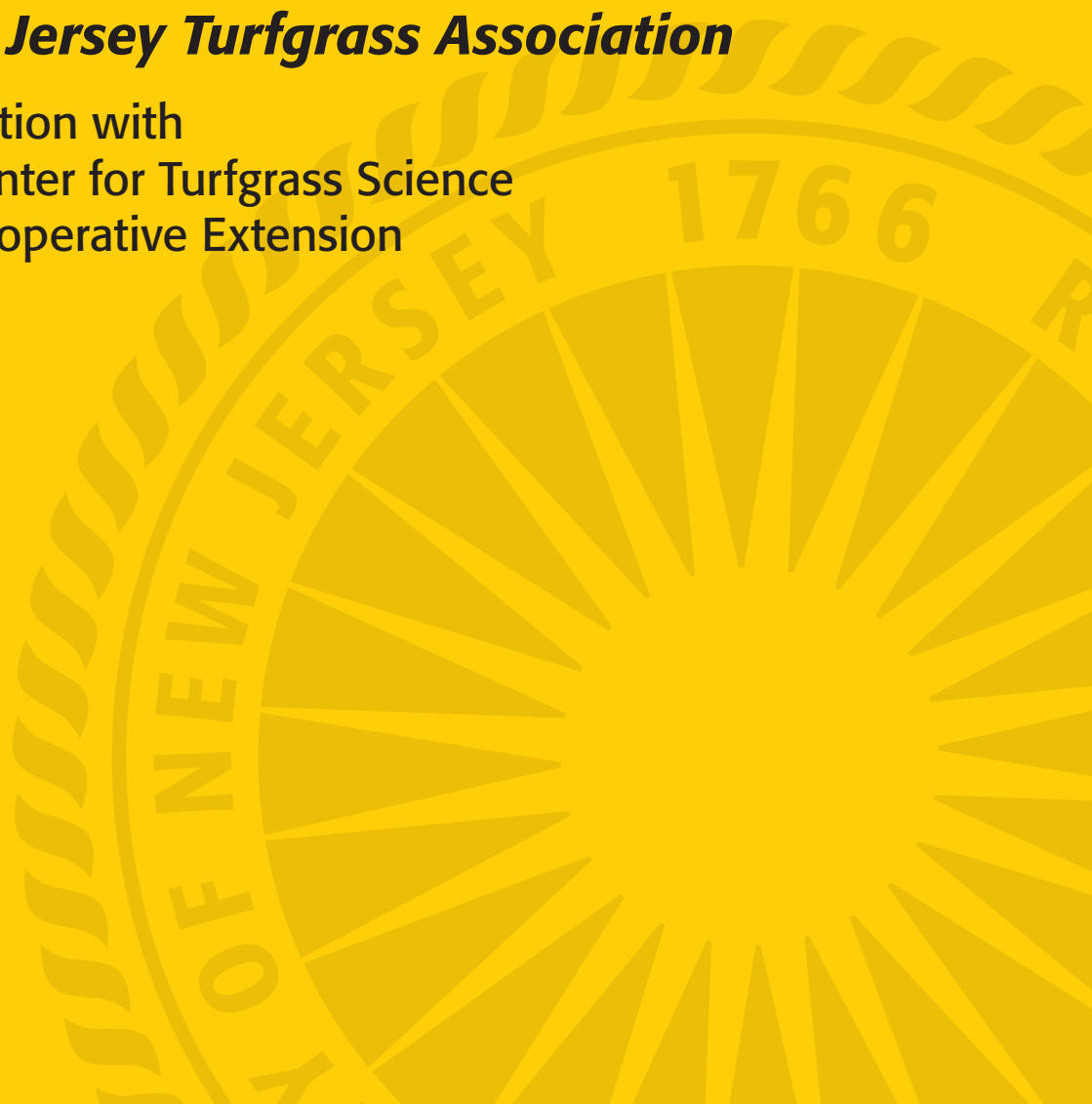
RUTGERS

New Jersey Agricultural
Experiment Station

2015 Turfgrass Proceedings

The New Jersey Turfgrass Association

In Cooperation with
Rutgers Center for Turfgrass Science
Rutgers Cooperative Extension



2015 RUTGERS TURFGRASS PROCEEDINGS

of the

GREEN EXPO Turf and Landscape Conference

December 8-10, 2015

Borgata Hotel

Atlantic City, New Jersey

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 2015 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

Austin L. Grimshaw, Trent M. Tate, Melissa M. Mohr, Ronald F. Bara, Dirk A. Smith,
Eric N. Weibel, James A. Murphy, Stacy A. Bonos, and William A. Meyer¹

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 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 the 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. The rhizome system also allows Kentucky Bluegrass to be used in sod production.

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 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 (*Poa arachnifera* Torr.), 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 heat and drought and to 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 basis 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 the National Turfgrass Federation, Inc. NTEP is a program that, through the cooperation of many institutions nationwide, tests different turfgrass cultivars and selections in different environments in order to assess their performance in a broad range of locations.

PROCEDURES

Eight Kentucky bluegrass trials were seeded from 2011 to 2014. Seven of these trials (Tables 1 to 3, 5 to 8) were located at the Rutgers Plant Biology and Pathology Research and Extension Farm at Adelphia, NJ, and one trial (Table 4) was located at the Rutgers Horticulture Research Farm II in North Brunswick, NJ.

¹Laboratory Researcher IV, Field Researcher IV, Field Researcher IV, Laboratory Researcher II, Principle Laboratory Technician, Field Researcher III, 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 ft². The trials were all 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 or foster recovery from various stresses. Nitrogen application rates never exceeded 0.75 lb per 1000 ft². Mowing heights were maintained by using a reel mower for trials maintained at 1.5 inches and by a rotary mower for the trial maintained at 2.5 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 Lontrel (clopyralid). 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, with the exception of the low maintenance trials (Tables 4 and 6), when needed to avoid severe drought stress.

Monthly ratings of all trials were conducted throughout the growing season for overall turf quality. These ratings are visual assessments that take into account color, brightness, leaf texture, density, uniformity, damage due to diseases and insects, and overall attractiveness of the plot. Data for all trials were statistically analyzed using analysis of variance, and means were separated using Fisher's protected least significant difference (LSD) means separation test. Results in Tables 1 to 6 are ranked according to the best overall turf performance (multiple-year quality average); tests established in 2014 (Tables 7 and 8) are ranked by turf quality average in 2015. In addition to overall turf quality ratings, supplementary ratings were taken when differences became evident within the trials. These additional ratings include spring green-up (Tables 2, 3, 5, and 6), stemminess (Tables 1 to 3, 5 to 8), leaf spot (Tables 1, 2, and 5), establishment (Tables 7 and 8), and uniformity and genetic color (Table 2).

RESULTS

Spring Green-up

This trait depicts the wide range of genetic diversity within Kentucky bluegrass. Due to the increase in

leaf elongation that occurs in response to increases in temperature and photoperiod (Parsons and Robson, 1980), cultivars adapted to the central northeast 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 and selections such as BAR Pp 110358, BAR VV 112916, Camas, A09-258, PST-T10-28NO, A07-21, A04-14, and A99-320 rated high for spring green-up while cultivars and selections such as J-1770, Sudden Impact, A05-351, A12-6, and Blue Coat greened up more slowly (Tables 2, 3, 5, and 6).

Residual Reproductive Stems

A rating of "stemminess," or the number of reproductive stems remaining in a plot after mowing, was evaluated in seven trials on a 1 to 9 scale with a 9 representing a plot with few residual reproductive stems (Tables 1 to 3, 5 to 8). The lack of stemminess is an attractive trait as it allows for a more consistent and visibly appealing turfgrass stand. A98-3320, A11-40, Zinger, Juliet, Babe, A07-782, A04-13, Barvette HGT, BAR Pp 110358, A05-360, Kenblue, A06-46, PST K9-90, Camas, A09-258, A04-14, Touche, PST-T10-18, A04-383, and PST-T10-17 exhibited the least steaminess in turf plots. STR 2332, A07-377, Geisha, Endurance, PST-K11-127G Legend, Mallard, Crest, America, A12-8, PST-K13-135, Sombrero, and Fielder all exhibited a large number of visible seed heads in mowed turf plots.

Establishment

Green cover after establishment is an important characteristic for consumers, sod-growers, and other turf managers. 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. Establishment ratings (Tables 7 and 8) were taken on a 1 to 9 scale where 9 represents a plot that has filled in completely. Cultivars and selections such as Avalanche, NuDestiny, NuGlade, A11-41, Ginney II, Award, Raven, and A10-873 had high ratings for establishment, while A14-24 TB, and PST-K14-149 rated poorly.

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 2). Entries with the darkest green color were J-1136, J-1770, Bluebank, Midnight, Nu Chicago, Mazama, and Oasis, while the cultivar Aramintha, Barvette HGT, BAR 8PP 504, and KenBlue had the lightest green color.

Leaf Spot

Leaf spot (caused by *Dreschlera poae*) is a foliar disease that affects Kentucky bluegrass primarily under the cloudy, wet conditions of spring. Leaf spot is often associated with low carbohydrate levels in the leaf tissue. Some cultivars that green up early in the spring use their stored carbohydrates and as result can be more susceptible to this disease (Youngner, 1973). Leaf spot was evaluated in 2011 (Tables 1 and 2) and 2013 tests (Table 5) tests. Cultivars and selections that performed well included J-1136, Avid, PST-K9-97, A09-305, A04-1272, GS-3-09, 103-585, and Greenstar. Those that performed poorly included A04-1260, Kenblue, and A03-5, PST-pp-48431-10, Pick MP07, and A99-320.

Low Maintenance

Performance under low maintenance (which includes reduced pesticide, fertilizer, mowing, and irrigation inputs) is an important characteristic since many home lawns and public recreation areas are maintained under these conditions. In addition, there is growing interest in reducing fertilization and irrigation in turfgrass areas for both environmental and economic reasons. Turf quality in the 2012 and 2013 low maintenance tests is reported in Tables 4 and 6, respectively. Grass growing slowly under stressed conditions such as those in a low maintenance situation (nitrogen deficiency, drought, and high temperature) is more susceptible to disease. Cultivars and selections that performed well under low maintenance conditions included PST-T10-18, A09-305, A10-280 TB, and Pick 033. Those that performed poorly included A12- 46 TB, Camas, T12-30 TB, Julius, Artesia, and GO-5675KBG.

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 such as wear. 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

New Jersey Agricultural Experiment Station Publication No. E 12180-03-16. This work was conducted as part of NJAES Project No. 12180, supported by the New Jersey Agricultural Experiment Station, State, and Hatch Act Funds, the Rutgers Center for Turfgrass Science, other grants, and gifts. Additional support was received from the United States Golf Association, the National Turfgrass Evaluation Program, and the New Jersey Turfgrass Association.

REFERENCES

- Parsons, A. J., and M. J. Robson. 1980. Seasonal changes in physiology of S24 perennial ryegrass (*Lolium perenne* L.). 1. Responses of leaf extension to temperature during transition from vegetative to reproductive growth. *Annals of Botany* 46:435-444.
- Turgeon, A. J. 2008. *Turfgrass Management*, 8th ed. Prentice Hall, Upper Saddle River, NJ.
- Youngner, V. B. 1973. Carbohydrates (energy), the pivot point of grass responses. *California Turfgrass Culture* 23:2-5.

Table 1. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2011 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
	2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
1 Everest	6.0	6.9	5.6	6.0	5.4	4.7	7.0
2 A06-46	5.9	6.2	5.2	6.3	6.0	8.7	6.7
3 Perfection	5.9	6.2	5.9	6.1	5.4	4.3	7.3
4 Beyond	5.9	6.4	5.5	6.0	5.5	4.3	7.0
5 PST-K11-123	5.8	5.5	5.9	6.3	5.4	8.0	6.3
6 Award	5.8	6.1	5.4	6.0	5.6	5.7	7.0
7 A05TB-386 ⁴	5.8	6.4	6.0	5.6	5.1	7.7	5.3
8 A11-26	5.8	5.8	5.7	6.4	5.2	7.3	7.0
9 Quantum Leap	5.8	6.7	5.3	5.9	5.2	5.3	6.0
10 Solar Eclipse	5.7	6.3	5.4	6.0	5.1	5.3	6.3
11 RAD-138	5.7	6.0	5.9	5.8	5.1	6.3	6.3
12 Pick 4340	5.7	6.0	5.7	5.8	5.2	5.7	7.7
13 A05-295	5.7	5.9	5.3	6.0	5.5	7.3	7.0
14 NuBlue Plus	5.7	6.4	5.1	5.9	5.4	5.0	6.0
15 A04-69	5.7	5.8	5.2	6.0	5.7	8.3	6.0
16 Liberator	5.7	6.2	5.2	5.8	5.4	6.0	6.7
17 NuDestiny	5.6	6.4	5.2	5.6	5.3	5.7	7.0
18 Sudden Impact	5.6	5.8	5.3	6.1	5.2	5.0	5.7
19 A11-31	5.6	5.9	6.0	5.5	5.0	7.0	5.0
20 Shiraz	5.6	5.9	5.8	5.6	5.1	6.7	6.3
21 A06-8	5.6	5.3	5.3	6.0	5.7	7.0	6.7
22 Freedom III	5.6	6.6	5.3	5.5	5.0	5.3	7.0
23 A96-425	5.6	5.3	5.4	5.8	5.8	7.0	7.0
24 Diva	5.6	5.9	5.2	5.7	5.5	8.3	6.0
25 NuChicago	5.6	6.0	4.9	5.9	5.4	5.0	7.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
	2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
26 A06-1053	5.5	6.6	5.4	5.5	4.7	5.0	5.0
27 Blue Note	5.5	5.7	5.9	5.4	5.1	7.3	6.7
28 H01-697	5.5	5.7	5.7	5.4	5.4	7.3	5.3
29 A04-46	5.5	5.4	5.3	5.8	5.6	3.0	7.3
30 PSG-2677	5.5	5.6	5.6	5.5	5.3	4.7	7.0
31 PST-102-45	5.5	5.8	5.5	5.8	5.0	5.7	6.0
32 A11-47	5.5	5.9	5.5	5.5	5.1	7.7	7.0
33 A06-11	5.5	5.6	5.6	5.7	5.2	8.0	6.0
34 Alexa II	5.5	6.1	5.1	6.0	4.9	6.3	6.3
35 Rush	5.5	6.0	5.2	5.8	5.0	6.0	6.3
36 A99-275	5.5	6.0	5.3	5.6	5.0	7.7	5.0
37 A11-41	5.5	5.2	5.8	5.8	5.1	8.7	7.0
38 A11-48	5.5	6.1	4.8	5.5	5.4	8.0	6.7
39 A09-305	5.5	5.9	4.9	5.7	5.4	8.3	8.0
40 A05-361	5.5	5.5	5.8	5.5	5.1	7.3	6.0
41 Odyssey	5.5	6.3	4.9	5.3	5.4	5.3	6.3
42 A06-2	5.5	5.5	5.8	5.5	5.1	6.3	7.0
43 Everglade	5.5	6.0	5.5	5.4	5.0	5.0	6.3
44 PST-T10-17	5.4	5.5	5.3	6.1	4.9	8.7	5.7
45 A98-3320	5.4	4.9	5.1	6.0	5.6	9.0	6.3
46 Mazama	5.4	5.5	5.7	5.2	5.2	3.0	6.7
47 3713	5.4	6.0	5.1	5.6	4.9	6.3	6.7
48 A11-40	5.4	5.6	5.6	6.0	4.4	9.0	4.7
49 Moonlight SLT	5.4	6.4	4.7	5.6	4.9	5.0	6.0
50 Fargo	5.4	5.1	5.8	5.6	5.0	7.7	6.3

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
	2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
51 Arcadia	5.4	6.3	4.8	5.2	5.2	4.7	6.3
52 Bewitched	5.4	5.3	5.1	5.6	5.4	5.7	7.3
53 Awesome	5.4	5.6	5.1	5.5	5.2	6.0	7.0
54 A11-53	5.4	5.7	5.1	5.4	5.3	3.3	7.3
55 A11-52	5.4	5.3	4.9	5.6	5.6	3.3	7.7
56 A11-71	5.3	5.7	4.9	5.4	5.4	8.0	5.0
57 Bluechip	5.3	6.1	5.0	5.5	4.8	5.3	5.7
58 STR 2451	5.3	5.6	5.2	5.1	5.5	3.0	6.3
59 P-105	5.3	5.3	4.9	5.5	5.6	3.3	6.7
60 A06-28	5.3	5.2	4.9	5.6	5.5	3.7	7.3
61 A06-26	5.3	5.0	5.6	5.4	5.2	5.7	6.3
62 Ginney II	5.3	6.0	4.7	5.6	4.8	6.0	6.0
63 PST-T10-20	5.3	5.8	4.6	5.6	5.2	9.0	7.3
64 SRX-466	5.3	5.5	5.3	5.3	5.1	7.3	6.3
65 Oasis	5.3	5.1	5.7	5.0	5.3	6.3	5.3
66 A01-1106	5.3	5.3	4.5	5.9	5.4	8.3	6.7
67 Keeneland	5.3	5.4	5.5	5.3	4.9	7.3	6.3
68 Touche	5.3	5.6	4.6	5.5	5.4	9.0	6.0
69 H98-767	5.3	5.6	5.0	5.1	5.5	3.0	6.3
70 PST-K11-122	5.3	5.2	5.6	5.8	4.5	8.7	3.0
71 A98-363	5.3	5.2	5.7	5.1	5.1	7.7	5.7
72 PST-K10-107	5.3	5.7	5.3	5.3	4.8	7.0	4.0
73 PST-K10-111	5.3	5.5	5.4	5.2	5.0	6.7	6.3
74 A11-49	5.3	5.2	4.8	5.7	5.3	2.7	7.0
75 Bolt	5.3	5.5	4.7	5.6	5.1	7.3	5.7

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
	2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
76 A10-249	5.2	5.2	5.4	5.3	5.0	6.7	6.3
77 Right	5.2	6.0	4.8	5.9	4.2	5.0	6.0
78 PST-K11-127G	5.2	5.6	5.0	5.4	4.9	5.0	6.0
79 A98-879	5.2	5.0	5.4	5.6	4.9	7.7	6.0
80 Babe	5.2	5.1	5.1	5.5	5.1	7.7	6.0
81 A05-360	5.2	4.9	5.3	5.6	5.1	8.3	5.7
82 A00-1400	5.2	5.5	5.3	4.8	5.2	6.0	7.0
83 Zinfandel	5.2	5.7	5.1	5.1	4.9	5.7	7.3
84 A06-33	5.2	5.3	5.5	5.1	4.9	6.0	7.0
85 A11-37	5.2	4.7	5.4	5.3	5.3	6.7	6.7
86 A05-351	5.2	5.0	4.8	5.4	5.5	5.0	6.3
87 Dauntless	5.2	4.8	5.3	5.2	5.3	7.3	6.0
88 PST-K9-104	5.2	4.4	5.2	5.7	5.3	6.3	7.3
89 A04-38	5.2	4.6	5.3	5.4	5.4	8.3	6.3
90 Zinger	5.2	5.0	5.0	5.6	5.1	9.0	6.3
91 A99-2897	5.1	5.5	4.7	5.0	5.4	4.7	6.7
92 Empire	5.1	5.2	5.0	5.0	5.5	5.3	6.3
93 PST-K11-126	5.1	5.3	6.1	5.8	3.5	7.0	5.0
94 A04-1272	5.1	5.3	4.5	5.7	5.0	6.0	8.0
95 A99-447	5.1	5.5	4.9	4.8	5.3	3.7	7.0
96 PST-K7-39	5.1	5.7	4.8	5.0	5.0	6.7	5.3
97 A11-32	5.1	4.7	5.4	5.5	5.0	8.0	5.7
98 SR 2284	5.1	5.2	4.8	5.5	5.0	4.3	6.7
99 Avid	5.1	5.2	5.1	5.0	5.2	4.7	6.3
100 A11-34	5.1	5.2	5.1	5.2	5.0	6.7	5.3

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
		2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
	101 A11-39	5.1	4.7	5.2	5.0	5.6	5.3	4.7
	102 RAD-1776	5.1	4.8	5.2	5.5	4.9	6.7	5.7
	103 A04-40	5.1	5.0	5.4	4.8	5.1	7.3	6.0
	104 Fullback	5.1	5.7	4.8	4.9	5.1	5.3	6.7
	105 Emblem	5.1	5.2	5.0	5.5	4.8	7.0	6.7
	106 A06-40	5.1	5.4	5.0	4.8	5.1	7.3	6.3
	107 TD-5 JP08	5.1	5.5	4.9	5.5	4.5	8.0	5.3
	108 H01-938	5.1	5.5	4.5	5.3	5.1	8.3	4.7
	109 AKB1820	5.1	5.1	5.2	4.9	5.1	5.3	6.7
g	110 PST-07S-176	5.1	4.9	4.6	6.1	4.8	9.0	5.7
	111 A11-42	5.1	4.4	5.2	5.5	5.3	7.3	6.3
	112 RAD-845	5.1	5.0	4.9	5.5	5.0	7.3	6.7
	113 Bedazzled	5.1	4.9	4.9	4.9	5.6	4.0	7.3
	114 Prosperity	5.1	5.4	4.9	5.0	5.0	4.0	7.3
	115 A08-34	5.1	5.1	5.1	4.9	5.1	4.7	6.0
	116 A10-252	5.1	4.9	5.2	5.3	4.9	6.0	6.3
	117 AKB707	5.1	5.4	5.1	4.9	4.9	5.3	6.0
	118 Longhorn	5.1	5.4	4.5	5.1	5.1	8.0	6.3
	119 A04-32	5.1	5.3	5.3	5.0	4.7	5.3	6.7
	120 A98-1001	5.0	5.3	5.0	4.8	5.0	4.3	6.0
	121 Alpine	5.0	5.2	4.9	5.2	4.9	5.3	7.0
	122 Juliet	5.0	5.7	4.5	5.1	4.9	9.0	6.3
	123 A04-1381	5.0	5.2	5.3	5.0	4.6	6.0	5.3
	124 RAD-121	5.0	4.5	5.1	5.2	5.3	7.7	6.3
	125 Champagne	5.0	4.7	4.7	5.2	5.4	7.7	6.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
		2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
	126 PST-109-996	5.0	4.9	5.0	5.3	4.9	7.3	7.0
	127 Rugby II	5.0	5.3	4.9	5.0	4.8	4.7	5.7
	128 PST-T10-23	5.0	5.0	4.5	5.6	4.8	8.7	6.3
	129 PST-K11-119 Sw	5.0	5.1	4.5	5.4	5.0	7.3	6.0
	130 Mystere	5.0	4.8	5.1	5.5	4.6	8.0	5.0
6	131 Merlot	5.0	5.7	5.3	4.4	4.6	5.7	6.0
	132 A99-2031	5.0	4.8	4.5	5.2	5.4	5.7	7.7
	133 A11-43	5.0	4.8	5.0	5.1	5.0	5.7	6.7
	134 Krypton	5.0	5.4	5.0	4.9	4.5	5.3	6.3
	135 A03-37	5.0	5.0	5.0	5.2	4.7	7.3	5.0
	136 A05-342	5.0	5.3	4.7	5.0	4.9	5.0	5.7
	137 A11-36	5.0	4.8	4.9	5.2	5.0	7.3	5.3
	138 PST-K10-110	5.0	5.5	4.9	5.0	4.4	4.7	6.3
	139 A11-28	5.0	4.9	5.2	5.2	4.5	7.7	5.3
	140 PST-102-983	5.0	4.8	5.2	5.0	4.8	4.7	7.0
	141 Ridgeline	5.0	4.6	5.2	5.3	4.7	3.0	6.3
	142 SRX-4338	5.0	5.2	4.8	4.6	5.1	5.7	5.7
	143 A05-853	4.9	4.8	4.5	5.3	5.1	7.0	6.0
	144 STR 2485	4.9	5.0	4.3	5.3	5.1	8.7	5.7
	145 PST-K9-96	4.9	4.9	5.1	4.8	5.0	7.3	6.3
	146 Jumpstart	4.9	4.7	4.8	5.1	5.1	6.7	7.0
	147 A99-3122	4.9	4.6	5.2	4.9	5.0	6.0	6.3
	148 A11-45	4.9	4.8	5.0	4.8	5.1	4.7	6.0
	149 A05TB-459 ⁴	4.9	5.1	4.9	4.6	5.0	5.7	5.7
	150 A04-35	4.9	4.3	5.3	5.3	4.8	7.7	6.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
		2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
	151 A05-925	4.9	5.0	4.6	5.3	4.8	8.0	5.7
	152 A05-310	4.9	4.6	5.0	5.2	4.9	8.0	6.7
	153 PST-K10-112	4.9	5.3	5.0	5.0	4.3	6.3	6.0
	154 A98-1001	4.9	5.1	4.8	4.6	5.1	3.0	5.3
	155 A11-50	4.9	5.3	4.5	4.9	4.9	3.3	7.0
	156 Argos	4.9	4.0	5.2	5.0	5.3	6.7	6.0
	157 AKB1812	4.9	4.5	5.1	4.9	5.0	4.3	6.7
	158 STR 2278	4.9	4.8	4.7	5.0	5.1	3.3	6.3
	159 PST-T10-22-BS	4.9	5.0	4.7	5.1	4.8	8.0	7.3
82	160 Blackberry	4.9	4.4	5.1	4.9	5.1	6.0	5.7
	161 A11-33	4.9	4.6	5.1	4.9	4.9	6.0	5.0
	162 A04-1569	4.9	5.6	4.7	4.3	4.8	5.7	6.0
	163 Sonoma	4.9	4.6	4.9	4.9	5.1	6.0	6.0
	164 A11-35	4.9	4.5	4.5	5.5	5.0	8.0	5.3
	165 H03-556	4.9	4.5	4.4	5.2	5.3	9.0	6.7
	166 A00-1002	4.8	5.0	4.6	5.1	4.7	6.7	5.0
	167 A04-1384	4.8	4.9	4.7	5.0	4.8	7.3	6.7
	168 PST-K11-118	4.8	5.4	5.1	4.9	3.9	4.3	5.7
	169 A09-231	4.8	4.8	5.0	4.8	4.7	7.3	6.3
	170 A05-847	4.8	5.5	4.2	4.9	4.7	8.3	5.3
	171 PST-K11-121	4.8	4.6	5.3	4.8	4.6	7.7	4.3
	172 PST-T7-7	4.8	5.1	4.8	4.5	4.9	8.0	5.7
	173 Fielder	4.8	3.9	5.1	5.2	5.0	6.7	6.0
	174 Unique II	4.8	4.8	4.8	4.7	5.0	3.7	6.0
	175 A11-38	4.8	5.1	4.2	5.2	4.7	6.0	5.3

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
		2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
176	TD-4 JP08	4.8	4.8	4.6	5.1	4.7	7.0	5.7
177	A11-44	4.8	4.9	4.6	4.7	5.0	7.0	6.0
178	Rockstar	4.8	3.9	5.0	5.1	5.1	7.3	5.7
179	PST-K8-77NO	4.8	4.5	4.7	5.5	4.4	4.0	7.0
180	A11-29	4.8	4.7	4.9	4.8	4.6	5.7	6.3
181	STR 23064	4.8	4.4	4.9	4.8	5.0	3.0	6.0
182	A01-1789	4.8	4.7	4.6	4.8	4.9	7.7	5.7
183	A98-210	4.8	5.0	4.8	4.6	4.6	5.7	5.7
184	Concerto	4.8	4.2	4.9	5.0	5.0	7.3	6.3
185	AKB719	4.8	4.7	4.6	4.7	5.0	6.3	6.7
186	A10-247	4.7	4.9	4.8	4.7	4.6	7.3	7.0
187	A05-992	4.7	4.9	4.6	4.9	4.6	7.3	5.0
188	Avalanche	4.7	5.4	4.1	4.9	4.6	8.7	6.3
189	PST-K11-124	4.7	4.7	4.8	4.6	4.9	6.0	5.7
190	Rubicon	4.7	4.7	4.4	5.0	4.9	5.7	6.3
191	A04-1474	4.7	5.8	4.2	4.5	4.4	2.7	7.0
192	PST-K11-117G	4.7	4.3	4.8	4.8	4.9	7.0	5.7
193	Bonaire	4.7	4.0	4.6	5.1	5.1	6.7	5.3
194	PST-1QG-38	4.7	5.1	4.5	4.4	4.8	3.3	5.0
195	A10-238	4.7	4.9	4.8	4.4	4.7	5.7	4.7
196	A05-313	4.7	4.5	5.0	4.5	4.8	5.3	6.0
197	STR 2553	4.7	4.1	4.6	5.0	5.1	4.3	6.0
198	PST-K10-113	4.7	4.8	4.7	4.7	4.6	5.0	5.0
199	H02-607	4.7	4.3	4.8	4.6	4.9	6.7	6.3
200	A05-297	4.7	4.9	4.6	4.4	4.8	5.0	6.3

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
		2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
70	201 Bandera	4.7	5.0	4.4	4.8	4.5	3.7	5.0
	202 STR 2332	4.7	4.7	4.6	4.6	4.8	2.3	5.0
	203 4-Season	4.6	4.8	5.0	5.4	3.4	5.3	4.7
	204 SR 2109	4.6	4.5	4.3	5.0	4.8	6.7	7.0
	205 A05-347	4.6	4.7	4.7	4.5	4.7	3.7	7.0
	206 PST-104-208	4.6	4.5	4.8	4.5	4.7	6.3	6.3
	207 A04-1477	4.6	4.5	4.4	4.6	5.0	6.0	5.7
	208 Hampton	4.6	4.8	4.0	4.6	5.1	7.7	7.7
	209 GS-3-09	4.6	3.7	4.8	5.2	4.9	5.3	8.0
	210 PST-T10-21	4.6	5.1	4.6	4.5	4.3	7.3	6.3
	211 STR 2509	4.6	4.3	4.7	4.4	5.1	3.0	6.3
	212 Milagro	4.6	4.6	4.6	4.7	4.4	8.0	3.7
	213 A10-3	4.6	4.9	4.5	4.3	4.7	5.3	5.7
	214 A11-25	4.6	5.5	4.8	4.2	3.8	7.7	4.7
	215 A04-1315	4.6	4.4	4.3	4.5	5.1	7.7	5.3
	216 Pivot	4.6	3.9	5.1	4.7	4.7	6.0	6.3
	217 Wild Horse	4.6	4.3	4.7	4.7	4.7	6.7	6.3
	218 PST-K9-101	4.6	4.5	4.3	4.5	4.9	5.0	6.3
	219 A07-377	4.6	5.4	3.7	5.0	4.2	2.3	4.3
	220 PST-K11-120 Gr	4.6	4.5	5.0	4.6	4.2	6.0	6.0
	221 PST-K8-76NO	4.6	4.6	4.6	4.2	4.9	6.7	6.0
	222 Ulysses	4.6	3.9	4.6	5.0	4.7	6.3	6.0
	223 A06-47	4.6	4.1	4.8	4.5	4.8	4.7	6.3
	224 PST-K11-128	4.6	4.4	4.6	4.5	4.8	5.7	6.3
	225 A11-30	4.6	4.7	4.7	4.4	4.5	7.7	4.7

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
	2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
226 PST-K8-60	4.6	4.3	4.4	4.4	5.0	6.0	5.7
227 SR 2100	4.5	4.9	4.6	4.3	4.4	4.7	5.7
228 PST-K11-116G	4.5	4.8	4.3	4.5	4.5	7.3	4.3
229 PST-K9-88	4.5	4.7	4.8	4.2	4.5	6.7	6.0
230 Blueberry	4.5	4.8	4.6	4.1	4.7	5.3	6.3
231 Gaelic	4.5	4.2	4.5	4.5	4.9	6.3	6.3
232 PST-K8-61S	4.5	4.2	4.4	4.7	4.8	5.0	5.7
233 A99-2026	4.5	4.5	4.5	4.3	4.8	4.3	6.7
234 Monte Carlo	4.5	4.3	4.5	4.1	5.1	3.3	5.0
235 A99-2328	4.5	4.2	4.6	4.3	4.9	6.0	5.7
236 PST-K8-64	4.5	4.4	4.5	4.9	4.3	4.0	5.0
237 A06-661	4.5	4.1	4.4	4.5	5.0	7.3	6.0
238 A06-604	4.5	4.3	4.2	4.8	4.8	5.3	7.0
239 Spitfire	4.5	4.2	4.6	4.2	4.9	7.0	5.7
240 PST-T10-27	4.5	4.3	4.4	4.5	4.7	5.0	5.3
241 A03-26	4.5	5.1	3.7	5.1	4.0	9.0	1.7
242 A10-254	4.5	4.8	3.9	4.8	4.3	7.3	4.3
243 A05-999	4.5	4.4	4.2	5.0	4.3	7.7	3.3
244 A10-2	4.5	4.6	4.6	4.0	4.7	5.0	5.7
245 A06-1040	4.5	4.8	4.1	4.4	4.5	5.3	4.0
246 A10-741	4.5	4.2	4.4	4.5	4.7	7.7	4.7
247 A04-1547	4.4	4.2	4.3	4.5	4.8	6.0	6.7
248 A09-353	4.4	4.3	4.2	4.2	5.0	6.0	5.7
249 A04TB-275 ⁴	4.4	4.4	4.0	4.3	5.0	7.7	5.7
250 America	4.4	4.1	4.3	4.5	4.8	4.7	6.0

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
	2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
251 A03-5	4.4	5.1	3.6	4.8	4.2	9.0	1.3
252 A08-2	4.4	4.4	4.6	4.0	4.7	6.3	5.3
253 A99-3110	4.4	4.2	4.8	3.9	4.8	5.0	6.0
254 A11-46	4.4	4.9	4.3	4.0	4.5	5.7	4.7
255 A04-1240	4.4	4.7	4.6	4.2	4.1	8.3	4.3
256 Brooklawn	4.4	4.0	4.2	4.5	4.9	7.0	6.0
257 A05-930	4.4	4.3	3.9	5.0	4.2	6.7	5.7
258 RAD-1405	4.4	4.4	4.5	4.4	4.1	6.0	4.7
259 A07-21	4.4	5.0	3.8	4.5	4.1	8.7	3.3
260 A05-344	4.4	4.5	4.7	3.8	4.4	5.7	6.0
261 Cheetah	4.3	4.3	4.0	4.7	4.3	7.3	4.3
262 A03-6	4.3	4.8	3.9	4.6	4.0	8.7	1.7
263 Bordeaux	4.3	4.4	4.2	3.9	4.8	6.7	6.0
264 Full Moon	4.3	3.7	4.7	4.3	4.5	6.7	5.3
265 A01-881	4.3	4.2	4.7	4.5	3.9	8.7	3.0
266 A06-663	4.3	4.5	4.3	4.2	4.3	8.3	5.3
267 Limousine	4.3	4.6	4.7	4.2	3.7	5.0	6.3
268 PST-A07-393	4.3	4.3	4.5	4.1	4.4	2.7	5.3
269 Touchdown	4.3	3.8	4.1	4.4	4.8	7.3	5.3
270 PST-K7-29	4.3	4.7	4.1	3.8	4.6	6.3	5.0
271 Orfeo	4.3	3.7	4.0	4.8	4.7	5.3	6.3
272 RAD-1791	4.3	4.6	4.2	3.9	4.5	4.3	5.3
273 3925	4.3	4.4	4.2	4.1	4.5	5.7	6.0
274 Noble	4.3	4.3	4.3	3.9	4.6	3.7	6.3
275 A06-658	4.3	4.2	3.7	4.8	4.4	7.3	5.7

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Stemminess ² 1 June 2015	Leaf Spot ³ 3 June 2015
		2012-2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
	276 A06-3	4.3	4.0	4.4	4.1	4.5	6.0	6.3
	277 Kingfisher	4.3	4.1	4.2	4.2	4.5	5.3	6.0
	278 PST-102-965	4.2	4.1	3.9	4.4	4.4	9.0	5.3
	279 RAD-ADT 320	4.2	3.3	4.3	4.6	4.5	4.7	7.0
	280 PST-K11-125	4.1	4.8	3.6	3.6	4.5	5.7	6.0
	281 A09-258	4.1	4.4	3.8	4.6	3.7	9.0	1.7
	282 3725	4.1	4.2	4.3	4.0	4.0	4.3	6.3
	283 A04-1239	4.1	3.5	4.2	4.5	4.2	9.0	4.3
	284 Blue Ghost	4.1	3.4	4.5	4.3	4.2	4.0	6.3
73	285 PST-IG4-66	4.1	3.7	4.3	3.8	4.6	6.0	5.3
	286 RAD-8IH34	4.0	4.3	3.6	3.7	4.5	4.7	6.3
	287 PST-IG4-68	4.0	3.4	4.2	4.0	4.4	5.7	6.0
	288 PST-K8-65	4.0	3.6	3.8	3.9	4.5	5.3	6.0
	289 A06-6	3.9	3.1	4.2	4.0	4.4	4.7	5.3
	290 2-09 KB	3.9	3.3	4.2	3.8	4.3	5.0	5.3
	291 RAD-1216	3.8	2.2	3.9	4.6	4.7	6.0	5.7
	292 H03-546	3.8	3.6	3.4	4.1	4.1	8.3	3.7
	293 ARC	3.6	3.8	4.0	2.8	4.0	5.7	5.3
	294 RAD-857	3.6	1.8	3.9	3.9	4.8	5.3	6.0
	295 Action	3.4	2.8	3.1	4.0	3.6	6.0	2.7
	296 Boutique	3.3	1.2	3.7	3.6	4.6	5.3	5.3
	297 RAD-197	2.7	1.2	2.6	2.7	4.4	4.3	5.3
	LSD at 5% =	0.5	0.8	0.7	0.8	0.6	1.9	1.5

(Continued)

Table 1. Kentucky bluegrass turf trial, 2011 (continued).

¹ 9 = best turf quality

² 9 = lowest stem count

³ 9 = least disease

⁴ TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

Table 2. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2011 at Adelphia, NJ. (Includes all entries of the 2011 National Turfgrass Evaluation Program (NTEP) Kentucky Bluegrass Test.)

Cultivar or Selection	-----Turf Quality ¹ -----					Spring Green-up ² 14 April 2015	Stemmi- ness ³ 1 June 2015	Leaf Spot ⁴ 3 June 2015	Genetic Color ⁵ 29 Sept. 2015	Uni- formity ⁶ 29 Sept. 2015
	2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.					
1 J-1136	6.4	7.2	6.4	6.0	6.2	3.0	5.3	7.7	8.3	7.0
2 J-1770	6.4	6.9	6.1	6.3	6.4	2.7	4.0	6.7	8.3	6.7
3 Bluebank	6.3	6.8	6.1	5.9	6.2	3.0	5.3	6.7	8.3	6.7
4 A05-361	6.2	6.1	6.2	6.4	6.2	6.0	7.3	6.3	5.7	6.3
5 J-1853	6.2	6.8	6.3	5.7	6.0	3.3	4.7	7.0	8.0	6.7
6 A06-46	6.2	6.6	5.7	6.3	6.1	4.7	9.0	7.0	7.0	6.3
7 Blue Note	6.2	6.0	6.5	6.2	6.0	4.7	8.0	6.7	4.7	6.3
8 Keeneland	6.0	6.2	6.4	5.6	5.6	4.0	6.3	7.3	6.7	6.0
9 BAR Pp 110358	5.9	5.1	6.3	5.8	6.6	7.7	9.0	7.3	3.7	8.3
10 Sudden Impact	5.9	6.6	5.9	5.3	5.8	2.7	4.0	6.7	7.7	6.3
11 Legend	5.9	6.2	5.9	5.7	5.9	4.7	3.7	7.0	8.0	6.0
12 Pick 4340	5.9	6.5	6.2	5.0	5.8	4.7	5.0	7.3	6.7	7.3
13 Pick 033	5.9	6.1	5.9	5.8	5.7	6.7	8.0	7.0	6.3	5.3
14 SRX 4338	5.8	6.5	5.9	5.5	5.4	4.3	5.7	7.0	5.7	6.7
15 Midnight	5.8	6.4	5.5	5.3	6.0	3.0	4.7	6.0	8.3	5.3
16 Arrowhead	5.8	5.4	5.8	6.1	6.0	6.0	7.0	6.0	5.7	7.3
17 Nu Chicago	5.8	6.3	6.0	4.9	5.9	3.3	5.3	6.3	8.3	5.7
18 SRX 2758	5.8	6.4	5.8	4.9	5.9	5.7	7.3	6.0	6.7	6.3
19 Skye	5.7	5.6	5.6	5.7	5.8	5.3	5.7	6.3	4.0	7.0
20 SRX 466	5.7	6.0	5.6	5.5	5.6	6.0	8.0	7.0	6.3	4.0
21 PST K9-90	5.6	5.3	5.5	6.1	5.7	3.0	9.0	6.7	6.7	7.0
22 A05-360	5.6	5.6	5.2	5.9	5.6	7.3	9.0	6.0	5.7	5.7
23 Rush	5.5	6.2	5.3	6.1	4.5	3.0	5.0	6.0	6.0	3.0
24 DLF-1139	5.5	5.5	5.3	5.7	5.6	4.7	7.3	7.0	7.0	5.0
25 A01-1106	5.5	5.8	5.0	5.9	5.3	4.7	6.7	6.3	6.7	4.7

(Continued)

Table 2. Kentucky bluegrass turf trial, 2011, NTEP (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Spring Green-up ² 14 April 2015	Stemmi- ness ³ 1 June 2015	Leaf Spot ⁴ 3 June 2015	Genetic Color ⁵ 29 Sept. 2015	Uni- formity ⁶ 29 Sept. 2015
		2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.					
26	A04-38	5.5	4.8	5.6	5.7	5.8	4.7	5.7	7.0	3.3	6.0
27	A00-4199	5.4	5.5	5.8	5.2	5.3	4.0	4.7	6.3	4.7	4.3
28	A06-26	5.4	5.4	5.9	5.0	5.4	4.3	5.7	6.3	6.7	5.0
29	Avid	5.4	5.1	5.8	5.0	5.7	3.7	3.3	7.7	6.7	5.3
30	Rubix	5.4	5.2	5.2	5.3	5.9	6.7	7.0	6.3	6.3	6.3
31	Dauntless	5.4	5.2	5.7	5.5	5.2	6.0	6.3	6.3	4.3	5.3
32	Award	5.4	5.0	5.5	5.5	5.6	2.7	5.0	7.0	8.0	6.3
33	Pick TD8	5.4	5.0	5.6	5.8	5.2	5.3	4.7	6.7	6.7	4.7
34	Burl 3-51	5.4	5.6	5.5	5.1	5.3	4.0	4.0	6.7	7.7	5.0
35	RAD-849	5.4	5.5	5.3	5.5	5.1	7.0	8.0	5.7	5.0	5.3
36	Mazama	5.3	5.3	5.7	5.0	5.4	5.0	5.0	6.3	8.3	5.7
37	BAR 12PP 612	5.3	5.3	5.2	5.7	5.2	5.3	5.0	7.3	5.7	3.3
38	BAR 8PP 504	5.3	5.1	5.0	5.5	5.5	5.7	8.3	5.3	2.3	5.7
39	Empire	5.3	5.0	4.9	5.4	5.8	5.0	4.3	7.0	7.3	5.3
40	Jack Rabbit	5.3	5.1	5.3	5.5	5.1	5.3	8.7	7.0	5.7	4.7
41	Oasis	5.2	4.8	5.5	5.2	5.5	5.0	5.3	6.3	8.3	5.0
42	Endurance	5.2	4.5	5.6	5.7	5.1	5.0	3.7	6.7	6.0	4.7
43	Lunar	5.2	5.9	4.9	5.2	4.8	5.0	4.7	4.3	7.7	4.7
44	Merlot	5.2	5.4	5.3	4.8	5.3	5.0	6.3	6.0	8.0	5.0
45	Fargo	5.2	5.0	5.5	4.9	5.4	5.7	6.0	7.3	4.0	6.0
46	Bolt	5.2	5.1	5.1	5.1	5.5	7.0	8.3	6.3	5.0	6.0
47	Cabernet	5.2	4.5	5.1	5.6	5.5	6.7	7.7	6.3	3.7	5.7
48	SRX 5321	5.2	4.8	5.6	4.9	5.4	3.7	6.3	6.7	2.7	5.0
49	Aramintha	5.2	5.2	4.8	5.5	5.2	5.0	7.0	6.7	2.0	6.3
50	Burl 06-11	5.1	4.9	5.4	4.7	5.5	6.7	6.0	6.0	4.3	5.0

76

(Continued)

Table 2. Kentucky bluegrass turf trial, 2011, NTEP (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Spring Green-up ² 14 April 2015	Stemmi- ness ³ 1 June 2015	Leaf Spot ⁴ 3 June 2015	Genetic Color ⁵ 29 Sept. 2015	Uni- formity ⁶ 29 Sept. 2015
	2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.					
51 PST-T10-18	5.1	5.4	4.5	5.4	5.2	6.7	8.7	5.7	3.3	5.7
52 PST-K9-97	5.1	3.8	5.4	5.9	5.4	5.0	4.7	7.7	5.3	5.7
53 Blue Coat	5.1	4.7	4.9	5.5	5.3	2.3	4.3	6.3	7.3	6.0
54 A05-TB-382 ⁷	5.0	5.4	4.8	4.7	5.1	5.7	6.3	5.7	6.3	5.0
55 A06-47	5.0	4.3	5.1	5.1	5.4	6.3	6.0	6.7	4.3	5.0
56 Zinger	5.0	4.5	5.0	5.5	4.8	5.3	7.3	6.3	3.7	5.3
57 A98-363	4.9	4.8	5.0	4.7	5.2	5.7	7.7	6.0	4.3	4.3
58 PST-K4-3	4.9	5.1	4.9	4.6	5.1	6.0	6.3	5.7	5.0	5.7
59 Barvette HGT	4.9	4.7	4.9	5.2	4.9	8.3	9.0	4.3	2.3	6.3
60 RAD-1492	4.9	4.5	5.0	5.4	4.6	5.0	6.7	6.7	8.0	3.7
61 A05-999	4.8	4.3	4.7	5.2	5.1	6.0	7.3	5.0	4.0	4.7
62 Zedor	4.8	4.5	4.6	5.2	5.0	5.0	4.3	6.3	3.3	4.7
63 BAR VV-112916	4.8	5.2	4.1	5.2	4.6	8.0	8.0	4.0	5.0	5.0
64 Pick TD9	4.8	4.7	4.7	5.0	4.7	5.7	7.3	5.7	6.0	4.7
65 America	4.8	4.4	4.6	4.7	5.3	5.0	3.3	6.7	5.3	4.7
66 Waterworks	4.7	4.4	4.8	4.7	4.8	5.0	4.0	6.0	7.0	4.7
67 BAR VV 118532	4.6	4.3	4.3	5.2	4.7	5.7	5.0	4.7	4.7	4.7
68 Geisha	4.5	4.2	4.7	4.9	4.3	3.7	2.3	5.0	6.0	3.0
69 Shamrock	4.5	3.8	4.7	4.7	4.7	5.0	5.3	6.0	5.3	4.0
70 BAR Pp 119326	4.5	4.4	4.2	4.7	4.6	5.0	7.7	5.7	3.0	3.3
71 Pick MD07	4.4	4.0	4.0	5.4	4.3	5.7	5.7	4.7	2.7	5.0
72 Thermal Blue	4.4	4.3	4.1	4.5	4.7	5.3	8.3	6.0	3.0	5.0
73 Baron	4.2	3.9	4.1	4.2	4.7	4.0	4.0	5.0	6.3	4.7
74 RAD-507	4.2	4.2	3.8	4.0	5.0	5.3	4.7	6.3	4.3	4.7
75 Aretesia	4.2	3.6	4.1	4.6	4.5	4.0	3.7	6.3	5.3	4.0

(Continued)

Table 2. Kentucky bluegrass turf trial, 2011, NTEP (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Spring Green-up ² 14 April 2015	Stemmi- ness ³ 1 June 2015	Leaf Spot ⁴ 3 June 2015	Genetic Color ⁵ 29 Sept. 2015	Uni- formity ⁶ 29 Sept. 2015
	2012- 2015 Avg.	2012 Avg.	2013 Avg.	2014 Avg.	2015 Avg.					
76 3733	4.2	3.5	4.4	4.0	4.7	4.3	4.3	6.0	5.3	4.3
77 AKB 2555	4.1	3.5	4.2	4.1	4.7	3.7	4.0	6.3	5.0	4.7
78 BAR Pp 119327	4.1	4.0	3.8	4.2	4.6	4.7	5.7	6.0	4.0	3.0
79 PST-K9-99	4.1	3.8	3.6	4.2	4.7	4.7	5.0	6.7	4.3	5.0
80 Barduke	4.0	4.0	3.5	4.0	4.5	5.0	4.7	4.3	5.0	4.3
81 Blackjack	3.9	3.9	3.6	4.2	4.0	3.7	5.3	5.0	5.7	3.3
82 Kenblue	3.6	3.6	3.8	3.8	3.1	7.3	9.0	1.7	4.7	2.0
LSD at 5% =	0.5	0.6	0.7	0.9	0.6	1.4	1.9	1.4	1.7	1.8

78

¹ 9 = best turf quality

² 9 = earliest spring green-up

³ 9 = lowest stem count

⁴ 9 = least disease

⁵ 9 = best genetic color

⁶ 9 = highest uniformity

⁷ TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

Table 3. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2012 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
1 GO-12R26-28	6.1	6.1	6.0	6.2	3.7	5.7
2 Pick 033	6.1	6.5	6.1	5.6	5.7	8.7
3 2683-10K	5.9	6.2	5.9	5.7	5.3	7.7
4 PST-K11-123	5.9	5.4	6.1	6.3	5.3	7.0
5 Endurance	5.8	5.6	6.1	5.8	4.7	1.7
6 A06-33	5.8	6.1	6.1	5.2	4.0	4.0
7 A04-69	5.8	6.2	5.5	5.6	5.3	8.7
8 Midnight II	5.8	6.4	5.2	5.6	3.7	3.7
9 A00-1400	5.7	6.4	5.4	5.4	3.7	4.7
10 A05-361	5.7	6.0	5.8	5.5	5.3	8.3
11 A11-26	5.7	6.3	5.5	5.3	3.0	5.3
12 A10-249	5.7	6.3	5.4	5.3	2.7	3.7
13 Impact	5.7	6.5	5.1	5.5	2.7	3.3
14 A10-280 TB ⁴	5.7	6.6	5.3	5.1	4.7	6.7
15 PST-T12-31	5.6	5.3	5.3	6.1	4.7	7.7
16 Quantum Leap	5.6	6.6	5.1	5.0	2.7	3.7
17 A12-4	5.6	5.5	6.0	5.2	5.3	7.3
18 A00-4199	5.6	6.0	5.3	5.4	4.0	5.3
19 A07-5	5.6	5.6	5.9	5.2	2.3	8.0
20 PST-K11-126	5.6	5.6	5.9	5.2	2.7	5.0
21 A12-38	5.5	5.8	5.7	5.1	2.3	6.7
22 PST-T10-17	5.5	6.2	5.2	5.2	4.0	9.0
23 Hampton	5.5	5.9	5.6	5.1	5.0	6.7
24 Pivot	5.5	5.1	6.0	5.4	4.0	6.3
25 GO-12R22B-23	5.5	5.4	5.4	5.7	3.7	5.0
26 SRX 2758	5.5	6.4	5.1	5.0	4.0	7.7
27 PST-K10-111	5.5	5.8	5.3	5.2	3.3	7.7
28 Right	5.5	6.0	4.9	5.5	4.0	5.3
29 Blue Velvet	5.4	6.3	4.7	5.3	2.0	3.0
30 GO-12R24-25	5.4	5.7	5.3	5.3	3.7	4.7
31 Diva	5.4	5.8	5.7	4.8	2.0	2.0
32 Blue Chip	5.4	6.2	4.7	5.4	3.0	2.7
33 A05-360	5.4	5.7	5.3	5.3	6.3	8.3
34 PST-K11-118	5.4	5.6	5.9	4.7	6.7	3.0
35 A99-2897	5.4	5.8	5.0	5.4	4.7	2.3

(Continued)

Table 3. Kentucky bluegrass turf trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
36 A12-30	5.4	5.8	5.3	5.0	4.0	3.7
37 PSG 2677	5.4	4.6	5.8	5.6	6.7	8.3
38 Touche	5.4	5.3	5.8	4.9	5.3	9.0
39 Award	5.4	6.2	4.7	5.2	2.3	3.3
40 Nuglade	5.4	5.8	5.0	5.3	2.7	3.7
41 Pick TD8	5.3	5.5	5.2	5.3	4.3	6.0
42 PST-K11-127G	5.3	5.7	5.3	4.9	3.3	1.7
43 PST-K10-107	5.3	5.4	5.4	5.1	6.3	8.0
44 A12-31	5.3	5.8	5.1	5.0	7.3	7.0
45 A12-34	5.3	5.8	5.1	5.0	2.3	3.3
46 Freedom III	5.3	6.0	4.9	4.9	2.7	3.3
47 Mazama	5.3	5.7	5.0	5.2	4.0	2.0
48 Legend	5.3	5.7	5.2	5.0	3.3	1.7
49 Midnight	5.3	6.1	4.7	5.0	2.7	3.3
50 Bluebank	5.3	5.9	4.6	5.3	2.7	4.0
51 A12-49	5.3	6.0	5.1	4.7	2.0	4.3
52 PST-K9-88	5.3	5.7	5.1	5.0	6.0	3.0
53 A12-6	5.2	5.7	5.2	4.8	1.7	2.0
54 A12-37	5.2	5.7	5.1	4.9	3.0	6.3
55 PST-K11-122	5.2	5.7	5.1	4.9	6.3	6.7
56 PST-K11-117G	5.2	5.6	4.9	5.2	3.7	6.7
57 TD5-JP08	5.2	5.2	5.5	5.0	6.3	8.0
58 A12-11	5.2	5.5	4.9	5.2	5.0	8.0
59 PST-T10-18	5.2	5.8	5.1	4.7	5.3	9.0
60 A12-7	5.2	5.3	4.8	5.4	3.7	8.7
61 Washington II	5.2	5.5	5.3	4.8	4.7	8.7
62 Fullback	5.2	5.8	4.8	4.9	3.7	3.7
63 Nu Destiny	5.2	5.8	4.5	5.2	2.3	3.0
64 Liberator	5.2	5.9	4.7	4.9	2.7	2.7
65 Sudden Impact	5.2	5.7	4.9	4.8	3.0	3.0
66 GO-12R8-12	5.1	4.8	5.2	5.4	5.3	4.7
67 JackRabbit	5.1	4.9	5.1	5.3	5.7	8.0
68 A96-1338	5.1	5.4	5.1	4.9	5.0	8.3
69 A05-312	5.1	5.3	5.2	4.8	5.3	7.3
70 PST-T10-22-BS	5.1	4.9	5.1	5.3	5.0	7.3

(Continued)

Table 3. Kentucky bluegrass turf trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
71 PST-K12-133G	5.1	4.9	5.3	5.1	2.0	2.0
72 Kingfisher	5.1	5.1	4.9	5.3	4.3	4.7
73 Bolt	5.1	5.3	5.1	4.9	4.7	7.7
74 PST-K12-130	5.1	5.3	5.4	4.6	5.3	5.0
75 A12-3	5.1	5.0	5.2	5.0	4.0	6.7
76 CREST 5K-12	5.1	5.4	5.0	4.8	5.0	4.3
77 Shiraz	5.1	5.1	5.2	4.9	5.0	6.7
78 PST-K12-132	5.1	4.9	5.6	4.7	7.3	6.0
79 A09-231	5.1	5.1	5.0	5.1	3.7	7.7
80 A12-5	5.0	5.2	5.1	4.9	4.0	8.7
81 PST-K12-129	5.0	5.5	5.1	4.5	3.7	6.3
82 Krypton	5.0	5.4	5.1	4.6	4.3	3.0
83 A05-853	5.0	4.8	5.3	5.0	3.7	8.0
84 3-11 KB	5.0	5.4	5.2	4.5	3.7	3.0
85 NuBlue Plus	5.0	5.7	4.5	4.9	2.7	2.7
86 A05-940	5.0	5.0	5.0	5.0	3.0	2.7
87 PST-K9-96	5.0	5.8	4.6	4.6	3.7	7.7
88 4-Season	5.0	5.1	5.3	4.6	4.0	3.0
89 Blue Note	5.0	5.3	4.9	4.7	5.3	6.0
90 Mallard	5.0	5.6	4.5	4.9	3.0	1.7
91 Wildwood	5.0	5.1	4.5	5.3	3.7	3.3
92 Mercury	5.0	6.0	4.6	4.3	3.0	3.7
93 Rush	5.0	5.6	4.7	4.7	3.0	2.7
94 RAD-926	5.0	4.8	5.1	5.0	3.0	6.3
95 A04-1381	5.0	5.2	4.8	5.0	3.5	6.3
96 PST-K9-90	5.0	4.5	5.1	5.3	3.7	6.3
97 KB 4-11	5.0	5.3	5.0	4.5	4.3	2.0
98 2109 5K	4.9	5.3	4.4	5.1	3.3	6.0
99 Everest	4.9	5.8	4.5	4.5	2.0	2.3
100 A12-1	4.9	5.2	4.9	4.7	5.0	8.3
101 Jumpstart	4.9	4.5	4.8	5.5	5.0	8.0
102 PST-K11-125	4.9	5.1	4.9	4.8	3.0	6.0
103 Rugby II	4.9	5.5	4.8	4.4	3.3	3.3
104 A05-459 TB ⁴	4.9	5.3	4.5	5.0	2.3	7.3
105 06-10005	4.9	4.8	5.4	4.5	4.3	7.0

(Continued)

Table 3. Kentucky bluegrass turf trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
106 SR 2284	4.9	4.9	5.0	4.8	4.7	3.7
107 Solar Eclipse	4.9	5.7	4.4	4.6	2.3	3.7
108 Beyond	4.9	5.7	4.7	4.3	2.3	2.7
109 RAD-1776	4.9	5.2	5.0	4.6	6.3	8.3
110 Cabernet	4.9	4.8	5.1	4.7	7.0	8.7
111 Prosperity	4.9	4.6	5.1	4.9	2.3	4.3
112 366JP08-2	4.9	4.7	5.0	4.8	5.0	6.0
113 Arrowhead	4.9	4.9	4.8	5.0	4.3	5.0
114 A07-783	4.9	5.3	4.6	4.8	2.0	5.0
115 Aries	4.8	4.7	4.9	4.9	4.7	6.7
116 A04-35	4.8	5.1	4.6	4.7	4.0	5.3
117 MacMillan	4.8	5.5	4.6	4.3	2.7	3.3
118 AKB-1820	4.8	5.5	4.3	4.6	2.0	2.0
119 A12-9	4.8	4.4	5.2	4.8	6.0	7.0
120 A12-10	4.8	5.1	4.5	4.8	6.0	7.3
121 Crest 5X-11	4.8	5.1	4.8	4.5	4.3	2.3
122 A05-351	4.8	5.2	4.3	4.9	3.7	3.0
123 Nobel	4.8	5.3	4.3	4.7	2.7	2.3
124 A05-930	4.8	5.1	4.5	4.7	5.0	7.7
125 Armada	4.8	5.5	4.8	4.0	4.3	3.7
126 DKH-KB	4.8	5.3	4.6	4.3	3.7	4.0
127 ORF 10K	4.8	4.6	4.5	5.3	5.0	5.0
128 GS 3-09 KB	4.7	4.6	4.8	4.9	3.7	3.3
129 Granite	4.7	5.3	4.5	4.4	3.0	4.0
130 A98-1001	4.7	5.2	4.8	4.3	2.3	1.3
131 RAD-861	4.7	5.2	4.7	4.3	3.3	6.7
132 PST-K10-110	4.7	4.3	5.1	4.7	3.3	3.3
133 A99-2031	4.7	5.4	4.4	4.3	3.3	4.0
134 Unigue II	4.7	4.5	5.1	4.5	3.7	2.7
135 Babe	4.7	4.5	4.8	4.8	5.0	6.3
136 A12-8	4.7	4.9	4.6	4.6	3.0	6.0
137 STR 2553	4.7	5.0	4.4	4.6	3.0	1.0
138 Zinger	4.7	4.9	4.8	4.4	4.0	7.7
139 Lunar	4.7	4.9	4.6	4.4	4.7	5.7
140 Baron	4.7	4.9	4.8	4.2	3.0	2.0

(Continued)

Table 3. Kentucky bluegrass turf trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
141 A11-341	4.6	4.1	4.9	5.0	5.0	5.0
142 PST-T10-27	4.6	5.0	4.5	4.4	5.0	1.7
143 Ridgeline	4.6	4.9	4.4	4.6	3.7	2.0
144 A12-28	4.6	4.8	4.7	4.3	4.7	7.7
145 Bandera	4.6	4.8	4.7	4.4	2.3	2.3
146 SR 2109	4.6	4.7	4.2	5.0	3.7	5.7
147 Fahrenheit 90	4.6	5.0	4.5	4.4	4.0	6.0
148 PST-K11-120GR	4.6	4.3	5.2	4.4	4.0	6.0
149 Everglade	4.6	5.1	4.1	4.6	2.3	2.7
150 AKB-1812	4.6	5.1	4.3	4.4	2.7	2.0
151 A09-314-12OT	4.6	4.8	4.5	4.5	3.0	3.7
152 P-105	4.6	5.0	4.6	4.3	4.0	4.0
153 H01-938	4.6	4.8	4.8	4.2	4.7	8.0
154 A11-344	4.6	4.1	4.7	5.0	4.7	4.7
155 A05-316	4.6	4.5	4.6	4.7	4.3	6.0
156 A05-303	4.6	4.7	4.8	4.2	3.3	3.7
157 PST-K9-101	4.6	4.9	4.2	4.5	3.3	5.3
158 7115P08-7	4.6	4.4	4.6	4.7	5.3	4.3
159 A06-643	4.6	3.7	5.2	4.7	2.0	5.3
160 Volt	4.6	4.6	4.7	4.4	5.0	6.3
161 A12-2	4.6	4.7	4.6	4.3	5.0	5.7
162 A06-671	4.6	4.5	4.5	4.6	3.3	6.0
163 Bewitched	4.5	4.9	4.4	4.3	2.3	4.3
164 PST-K11-124	4.5	4.4	4.5	4.7	3.7	6.3
165 PST-T10-28NO	4.5	4.8	4.7	4.0	8.3	8.7
166 A12-29	4.5	5.3	4.2	4.1	3.0	4.7
167 ARC	4.5	4.6	4.6	4.3	4.7	5.0
168 A06-622	4.5	4.1	4.8	4.5	4.3	7.3
169 PST-K11-128	4.5	4.5	5.0	3.9	4.0	3.7
170 SPF 30	4.5	4.7	4.3	4.4	4.3	8.0
171 Milagro	4.5	4.4	4.2	4.7	4.3	6.7
172 Ginney II	4.5	5.2	4.3	3.9	2.7	4.0
173 Wildhorse	4.5	4.4	4.7	4.4	5.0	4.7
174 A09-353	4.5	5.1	4.2	4.1	3.7	5.0
175 A07-377	4.4	4.7	4.3	4.3	3.3	2.0

(Continued)

Table 3. Kentucky bluegrass turf trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
176 PST-K12-131	4.4	4.6	4.3	4.4	6.3	5.3
177 PST-K12-134G	4.4	4.4	4.3	4.6	5.0	4.0
178 KB 2-11	4.4	4.2	4.7	4.4	4.0	3.0
179 Ulysses	4.4	4.2	4.8	4.3	3.3	5.3
180 Champagne	4.4	4.3	4.5	4.4	5.3	5.7
181 RAD-1216	4.4	4.7	4.3	4.2	4.0	5.0
182 A04-1271	4.4	4.4	4.4	4.3	3.0	8.7
183 Crest	4.3	4.7	4.5	3.9	3.3	1.7
184 A08-2	4.3	5.2	4.3	3.5	3.0	3.7
185 Gaelic	4.3	4.3	4.6	4.1	5.3	4.3
186 A05-999	4.3	4.4	4.4	4.2	4.0	8.7
187 A11-348	4.3	4.4	4.4	4.2	5.7	8.0
188 America	4.3	4.6	4.1	4.2	4.0	2.0
189 PST-K109S	4.3	3.8	4.3	4.7	3.7	7.7
190 Shannon	4.2	4.3	4.4	4.0	5.7	6.0
191 A05-342	4.2	5.1	3.9	3.7	3.7	3.0
192 Spitfire	4.2	4.1	4.4	4.2	4.3	5.0
193 PST-K8-60	4.2	4.6	4.1	3.9	4.0	5.3
194 A11-349	4.2	3.4	4.7	4.4	3.7	3.0
195 A08-377	4.1	4.5	3.9	4.0	2.7	5.3
196 PST-T12-30	4.1	4.4	4.2	3.8	8.0	8.0
197 Fielder	4.1	4.2	4.2	3.9	4.7	5.0
198 PST-K8-76NO	4.1	4.2	3.9	4.3	2.7	3.7
199 Zinfandel	4.1	4.2	4.3	3.6	5.7	5.7
200 PST-K9-97	4.0	3.9	4.2	4.1	4.0	5.7
201 2-09 KB	4.0	3.7	4.3	4.1	4.3	3.3
202 Touchdown	4.0	3.9	4.2	4.0	6.7	8.7
203 A04-1260	4.0	4.1	4.0	3.9	4.0	8.0
204 A09-353	4.0	4.5	3.7	3.8	3.3	5.3
205 PST-K9-99FR	4.0	4.6	3.8	3.6	3.3	6.0
206 A12-26	4.0	4.3	4.0	3.6	5.3	5.3
207 A09-258	4.0	4.4	3.9	3.5	8.7	9.0
208 RAD-1733	3.8	4.4	3.5	3.6	4.3	6.7
209 Bordeaux	3.8	4.1	3.8	3.5	5.3	5.7
210 Blue Ghost	3.7	3.4	3.4	4.3	4.7	3.0

(Continued)

Table 3. Kentucky bluegrass turf trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² 14 April 2015	Stemmi-ness ³ 1 June 2015
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.		
211 Cadet	3.7	3.6	3.5	3.9	3.3	3.3
212 Action	3.4	3.6	3.1	3.4	8.0	5.3
213 GO-12R5-7	2.9	2.3	2.9	3.4	4.3	3.0
214 Camas	2.8	3.0	3.0	2.3	9.0	9.0
215 RAD-860	1.9	1.1	1.6	2.9	5.0	4.3
216 RAD-1214	1.5	1.1	1.3	2.1	5.3	5.0
LSD at 5% =	0.6	0.7	0.8	0.7	1.2	1.4

¹ 9 = best turf quality

² 9 = earliest spring green-up

³ 9 = lowest stem count

⁴ TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

(Continued)

Table 4. Performance of Kentucky bluegrass cultivars and selections in a low maintenance turf trial seeded in September 2012 at North Brunswick, NJ.

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
1	A10-280 TB ²	6.9	7.2	7.1	6.4
2	Pick 033	6.8	7.1	7.2	6.1
3	Impact	6.5	6.2	7.0	6.3
4	A04-383	6.5	7.0	7.1	5.4
5	Bluebank	6.2	6.3	6.8	5.4
6	A11-26	6.1	5.5	6.6	6.3
7	A12-38	6.1	6.7	6.3	5.3
8	A96-1338	6.1	6.4	6.7	5.2
9	2683-10K	6.1	6.2	6.3	5.7
10	K11-118	6.0	5.8	6.4	5.8
11	Solar Eclipse	6.0	6.7	6.0	5.4
12	Granite	6.0	5.9	6.3	5.7
13	Beyond	6.0	6.3	6.5	5.1
14	GO-12R24-25	6.0	5.9	6.3	5.7
15	GO-12R26-28	5.9	5.5	6.1	6.2
16	Liberator	5.9	6.5	5.9	5.4
17	A05-360	5.8	6.0	6.4	5.1
18	1470649	5.8	5.8	6.1	5.7
19	K10-111	5.8	5.6	6.5	5.3
20	Everest	5.8	5.6	6.2	5.6
21	NuDestiny	5.8	5.9	6.0	5.4
22	Quantum Leap	5.7	5.7	5.9	5.7
23	A00-4199	5.7	5.4	6.1	5.7
24	A09-258	5.7	6.2	6.1	4.8
25	NuGlade	5.7	5.3	5.9	5.9
26	Midnight	5.7	6.6	5.7	4.8
27	Blue Velvet	5.7	5.4	6.0	5.7
28	Legend	5.7	6.5	5.7	4.8
29	Diva	5.7	6.6	5.9	4.6
30	GO-12R22B-23	5.7	5.3	6.0	5.8
31	A99-2031	5.7	6.3	5.9	4.8
32	A07-783	5.7	5.6	6.3	5.1
33	A12-40 TB ²	5.6	5.3	6.2	5.4
34	T10-18 TB ²	5.6	5.9	6.1	4.9
35	A05-853	5.6	5.8	6.2	4.9

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
36	Fahrenheit 90	5.6	6.1	5.9	4.8
37	Award	5.6	5.8	5.7	5.2
38	A04-1260	5.6	6.2	5.5	5.1
39	Rush	5.6	5.8	5.9	5.1
40	GO-12R8-12	5.6	5.5	5.8	5.4
41	A05-853	5.5	5.3	6.2	5.2
42	Blue Chip	5.5	6.3	5.5	4.6
43	Midnight II	5.4	6.0	5.3	4.9
44	STR 2553	5.4	6.4	5.2	4.6
45	Diva	5.4	5.8	5.8	4.7
46	A99-2758	5.4	5.2	5.8	5.2
47	A99-2897	5.3	6.3	5.2	4.6
48	Prosperity	5.3	4.7	5.4	5.9
49	H06-671 TB ²	5.3	5.1	5.4	5.5
50	Touche	5.3	5.1	5.9	5.0
51	A04-387	5.3	4.5	5.9	5.5
52	Blue Note	5.3	5.8	5.3	4.7
53	Babe	5.3	5.3	5.5	5.1
54	Bewitched	5.3	6.1	5.5	4.3
55	Ariel	5.3	5.4	5.6	4.8
56	T10-22-BS TB ²	5.3	4.9	5.3	5.6
57	Bolt	5.2	5.1	5.4	5.3
58	K12-129	5.2	5.5	5.6	4.6
59	AKB 1812	5.2	5.7	5.7	4.3
60	AKB 1820	5.2	5.8	5.4	4.4
61	A09-231	5.2	5.0	5.6	5.0
62	A12-7	5.2	5.1	5.7	4.8
63	K10-107	5.2	4.6	5.7	5.3
64	SR2284	5.2	5.6	5.4	4.6
65	A04-1271	5.2	4.9	5.8	4.8
66	Prosperity	5.2	5.6	5.1	4.8
67	A12-57 TB ²	5.2	4.3	5.9	5.3
68	Right	5.2	5.8	4.9	4.7
69	A06-33	5.2	5.9	5.4	4.1
70	Freedom III	5.1	4.8	5.4	5.2

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
71	H06-596	5.1	5.1	5.5	4.8
72	Hampton	5.1	5.4	5.4	4.6
73	MacMillan	5.1	6.3	4.9	4.1
74	A98-1001	5.1	5.8	5.2	4.2
75	Washington II	5.1	5.0	5.6	4.6
76	K11-123	5.1	4.5	5.0	5.6
77	Bewitched	5.0	5.6	5.3	4.2
78	A07-378	5.0	4.8	5.7	4.5
79	A10-249	5.0	5.9	5.0	4.1
80	K11-126	5.0	4.8	4.8	5.3
81	K12-132	5.0	3.8	6.0	5.1
82	Jumpstart	5.0	4.7	5.1	5.1
83	Ginney II	5.0	5.1	5.3	4.4
84	Gaelic	5.0	5.6	5.0	4.3
85	Wildwood	4.9	4.7	5.6	4.6
86	Sudden Impact	4.9	4.8	5.4	4.7
87	A12-37	4.9	5.3	5.3	4.1
88	A12-34	4.9	5.1	5.3	4.3
89	A09-314-120T	4.9	5.4	4.8	4.5
90	Rugby II	4.9	4.2	5.7	4.8
91	H94-643	4.8	4.2	4.9	5.4
92	A12-30	4.8	4.7	5.1	4.6
93	A05-312	4.8	4.8	5.1	4.5
94	A12-55 TB ²	4.8	4.0	5.3	5.1
95	A12-3	4.8	4.9	4.9	4.6
96	K9-96	4.8	5.1	5.0	4.2
97	A05-316	4.8	5.3	4.6	4.4
98	A06-671	4.8	3.4	5.7	5.2
99	A04-1381	4.7	4.7	5.2	4.4
100	A12-28	4.7	4.3	5.3	4.6
101	A12-5	4.7	5.0	5.1	4.0
102	A05-303	4.7	5.3	4.5	4.3
103	Mercury	4.7	5.8	4.8	3.5
104	Fullback	4.7	5.3	5.0	3.7
105	Jack Rabbit	4.6	4.6	4.9	4.4

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
106	Arc	4.6	4.3	4.9	4.6
107	H01-938	4.6	4.0	5.0	4.8
108	Nobel	4.6	5.6	4.6	3.7
109	Arrowhead	4.6	4.0	4.7	5.1
110	3-11 KB	4.6	4.8	4.8	4.2
111	NuBlue Plus	4.6	4.5	5.0	4.3
112	DKH	4.6	5.7	4.0	4.0
113	A12-10	4.6	5.3	4.3	4.0
114	P-105	4.5	4.3	5.0	4.3
115	A11-348 TB ²	4.5	3.9	4.8	4.9
116	Champagne	4.5	3.8	5.0	4.7
117	K11-122	4.5	4.2	5.1	4.3
118	Zinfandel	4.5	3.8	5.3	4.5
119	A12-8	4.5	4.2	4.6	4.7
120	T12-31 TB ²	4.5	3.7	4.9	4.8
121	Wildhorse	4.5	5.0	4.6	3.8
122	A04-35	4.5	4.8	4.5	4.1
123	Krypton	4.4	4.4	4.7	4.2
124	Ridgeline	4.4	5.0	4.4	3.9
125	Endurance	4.4	4.3	4.5	4.4
126	America	4.4	4.6	4.6	3.9
127	A12-54 TB ²	4.4	3.3	5.2	4.5
128	Everglade	4.3	3.9	5.0	4.2
129	A05-342	4.3	4.8	4.3	4.0
130	A12-2	4.3	4.8	4.3	4.0
131	Shannon	4.3	3.8	4.6	4.6
132	4-Season	4.3	3.5	4.7	4.8
133	K10-110	4.3	4.3	4.3	4.3
134	Mazama	4.3	4.8	4.4	3.7
135	A06-30	4.3	4.1	4.6	4.3
136	A12-49 TB ²	4.3	3.8	4.2	4.9
137	A12-9	4.3	4.1	4.6	4.3
138	Fielder	4.3	4.3	4.7	3.9
139	T10-17 TB ²	4.3	3.5	4.7	4.7
140	Unique II	4.3	5.8	4.1	3.0

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
141	Volt	4.3	4.4	4.6	3.8
142	A08-2	4.2	5.2	4.0	3.6
143	Zinger	4.2	4.3	4.3	4.1
144	A12-50 TB ²	4.2	3.6	4.7	4.4
145	KB 4-11	4.2	4.5	4.4	3.8
146	K8-66	4.2	4.4	3.7	4.5
147	A12-36	4.2	5.3	3.8	3.5
148	Crest	4.2	4.5	4.4	3.6
149	Mallard	4.1	4.9	4.0	3.4
150	K11-120GR	4.1	3.3	4.3	4.7
151	A09-353	4.1	4.1	4.4	3.8
152	RAD-861	4.1	3.8	4.2	4.2
153	A12-35	4.1	4.6	4.1	3.6
154	A12-33	4.1	4.8	4.1	3.3
155	A12-27	4.0	3.6	4.6	3.9
156	PSG 2677	4.0	3.6	4.4	4.1
157	Baron	4.0	4.2	4.3	3.6
158	SPF 30	4.0	3.9	3.9	4.3
159	A12-39 TB ²	4.0	3.6	4.3	4.1
160	Bordeaux	4.0	3.6	4.5	3.9
161	Armada	4.0	4.3	4.1	3.6
162	A05TB-459 TB ²	4.0	3.4	4.5	4.1
163	Lunar	4.0	4.0	4.0	3.9
164	A09-353	4.0	3.9	4.5	3.5
165	Bandera	4.0	3.8	4.2	3.9
166	A12-56 TB ²	4.0	2.8	4.4	4.7
167	A07-5	4.0	3.1	4.6	4.2
168	A12-53 TB ²	4.0	3.6	4.3	3.9
169	A07-377	3.9	3.3	4.4	4.1
170	Cabernet	3.9	3.6	4.6	3.6
171	Milagro	3.9	3.5	4.1	4.1
172	K9-97	3.9	4.1	4.0	3.7
173	RAD-1776	3.9	4.0	3.8	3.9
174	T10-28NO TB ²	3.9	3.5	4.5	3.7
175	A12-6	3.9	4.7	3.9	3.1

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
176	K12-133G	3.9	3.8	3.9	3.9
177	A12-31	3.9	3.3	4.4	4.0
178	A08-377	3.9	3.9	4.1	3.6
179	Shiraz	3.9	3.3	4.2	4.2
180	A05-940	3.9	3.1	4.2	4.3
181	K11-117G	3.9	3.6	3.7	4.3
182	K11-124	3.9	3.6	4.1	3.9
183	A12-4	3.9	3.0	4.6	3.9
184	SR2109 5K	3.8	3.0	3.9	4.6
185	A12-1	3.8	4.0	3.7	3.7
186	Crest 5K-11	3.8	4.1	3.9	3.4
187	A06-643	3.8	3.1	4.3	3.8
188	Crest 5K-12	3.7	3.6	4.1	3.5
189	A05-351	3.7	3.3	4.3	3.6
190	A12-26	3.7	4.8	3.4	2.9
191	A12-48 TB ²	3.7	3.3	3.6	4.1
192	Touchdown	3.7	3.3	4.1	3.6
193	A05-930	3.6	2.9	3.8	4.2
194	Ulysses	3.6	2.7	4.0	4.2
195	A12-42 TB ²	3.6	2.8	4.2	3.9
196	A12-32	3.6	4.6	3.4	2.9
197	7115P08-7	3.6	4.0	3.7	3.2
198	K11-125	3.6	3.6	3.5	3.7
199	A05-930	3.6	2.4	3.9	4.4
200	A11-349 TB ²	3.6	3.1	3.9	3.7
201	Pick TD8	3.5	3.8	3.6	3.2
202	A05-361	3.5	3.5	4.0	3.2
203	A12-47 TB ²	3.5	2.6	4.1	3.9
204	Kingfisher	3.5	3.1	3.9	3.6
205	K8-60	3.5	3.3	3.8	3.5
206	ORF-10K	3.5	3.0	3.7	3.8
207	A05-999	3.4	2.6	4.1	3.6
208	A06-622	3.4	2.6	3.8	3.8
209	K9-90	3.4	3.4	3.2	3.6
210	RAD-1216	3.4	2.4	3.5	4.3

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			
		2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
211	GS 3-09	3.4	3.1	3.4	3.7
212	A12-29	3.3	3.4	3.3	3.3
213	SR2109	3.3	2.9	3.2	3.9
214	RAD-860	3.3	2.4	3.5	4.0
215	K8-76NO	3.3	2.8	3.3	3.8
216	A12-45 TB ²	3.3	2.3	3.6	3.9
217	A12-11	3.2	2.1	3.2	4.4
218	K9-101	3.2	3.5	3.0	3.2
219	RAD-1733	3.2	2.3	3.8	3.4
220	K9-99FR	3.2	3.3	3.4	2.8
221	A12-51 TB ²	3.2	2.3	3.5	3.8
222	K11-127G	3.2	3.0	2.9	3.6
223	T10-27 TB ²	3.1	2.8	3.1	3.5
224	RAD-1214	3.1	2.2	3.1	4.1
225	A12-58	3.1	2.3	3.5	3.6
226	Action	3.1	2.7	3.4	3.2
227	RAD-926	3.1	2.0	3.4	3.8
228	A11-341 TB ²	3.1	2.5	3.1	3.6
229	K10-109S	3.0	2.8	3.3	3.1
230	A12-41 TB ²	3.0	2.2	3.5	3.4
231	A12-44 TB ²	3.0	2.5	3.3	3.3
232	2-09 KB	3.0	2.7	3.2	3.0
233	A12-52 TB ²	2.9	2.2	3.5	3.2
234	K12-134G	2.9	2.2	3.0	3.6
235	Spitfire	2.9	2.4	3.0	3.2
236	Blue Ghost	2.9	2.7	2.9	3.1
237	A11-344 TB ²	2.9	2.2	2.9	3.6
238	KB 2-11	2.8	2.4	3.1	2.9
239	A12-43 TB ²	2.8	1.7	3.0	3.7
240	K9-88	2.8	2.8	2.7	2.8
241	TD 5-JP08	2.8	2.3	3.0	2.9
242	366JP08-2	2.7	2.1	2.5	3.6
243	Cadet	2.7	2.6	2.7	2.9
244	GO-12R5-7	2.7	1.9	2.8	3.3
245	A04-1242	2.5	3.3	2.5	1.6

(Continued)

Table 4. Kentucky bluegrass low maintenance trial, 2012 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			
	2013-2015 Avg.	2013 Avg.	2014 Avg.	2015 Avg.
246 T12-30 TB ²	2.4	2.3	2.2	2.8
247 Camas	2.4	2.0	2.6	2.5
248 A12-46 TB ²	2.3	1.5	2.4	2.9
LSD at 5% =	1.0	1.5	1.3	1.1

¹ 9 = best turf quality

² TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

Table 5. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2013 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi-ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.			
1 103-585	6.4	6.8	5.9	6.0	4.0	8.0
2 Prosperity	6.3	6.8	5.8	3.0	4.7	7.0
3 Greenstar	6.3	6.8	5.8	6.0	5.0	8.0
4 KB11-6	6.2	6.6	5.9	7.7	6.0	6.0
5 A06-46	6.0	6.5	5.5	4.7	6.7	6.3
6 A04-49	6.0	6.1	5.8	7.0	7.0	6.3
7 Prafin/Blue Devil	5.9	6.7	5.2	3.0	4.3	6.3
8 Gladstone	5.9	6.3	5.4	3.3	5.0	6.0
9 Right	5.9	5.8	5.9	4.7	6.3	5.3
10 Impact	5.9	6.4	5.3	2.3	4.0	5.7
11 SRX 5321	5.9	6.1	5.6	3.7	7.3	6.3
12 Madison	5.8	5.9	5.7	3.3	4.7	6.3
13 PST-K13-138	5.8	5.7	5.9	3.7	5.3	7.7
14 Arrowhead	5.8	5.7	5.8	5.7	5.7	6.7
15 SRX 466	5.8	6.1	5.5	6.3	6.3	6.0
16 KB11-28	5.8	6.4	5.2	4.3	4.0	5.3
17 PST-K11-123	5.8	5.3	6.2	6.7	6.3	7.7
18 Diva	5.8	6.2	5.3	4.7	3.7	6.0
19 A04-67	5.7	5.9	5.6	8.3	7.3	6.0
20 A00-1400	5.7	6.2	5.2	4.0	5.0	7.0
21 SRX-4338	5.7	6.4	5.1	3.3	4.7	6.7
22 Quantum Leap	5.7	6.2	5.2	2.7	3.7	6.3
23 A07-783	5.7	6.0	5.4	3.3	5.7	6.3
24 SRX 4338	5.7	6.2	5.2	2.7	4.7	6.0
25 A07-782	5.7	5.7	5.7	3.7	5.3	6.3
26 GO-2628KBG	5.7	5.7	5.7	5.7	5.3	7.0
27 A12-38	5.7	5.9	5.4	4.0	6.7	7.0
28 PST-K11-118	5.7	5.7	5.6	7.0	3.7	6.0
29 A05-361	5.7	6.2	5.1	7.3	6.3	5.7
30 Jack Rabbit	5.6	5.8	5.5	6.7	7.0	5.3
31 Award	5.6	6.1	5.1	2.3	4.7	6.0
32 A06-8	5.6	6.0	5.2	5.7	5.0	6.3
33 Pick 033	5.6	6.4	5.1	6.5	5.7	6.0
34 A11-52	5.6	5.9	5.3	2.0	3.0	7.0
35 Bewitched	5.6	6.2	5.0	3.5	3.5	6.0

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
36 PST-K11-125	5.6	5.9	5.3	5.0	5.3	6.7
37 Everest	5.6	6.1	5.0	2.7	4.3	6.3
38 TD-2-JP08	5.6	5.7	5.4	6.3	6.3	6.3
39 Pivot	5.5	5.2	5.8	5.3	5.0	5.0
40 PST-T13-33	5.5	5.9	5.2	4.7	3.0	6.0
41 SRX 2758	5.5	5.6	5.4	7.0	6.7	5.0
42 A06-1053	5.5	6.1	4.9	2.0	4.7	5.7
43 A12-30	5.5	6.0	5.0	5.0	5.3	5.7
44 Midnight	5.5	5.9	5.1	2.3	4.7	5.7
45 A07-1230	5.5	5.9	5.1	6.0	6.0	6.0
46 TD7-08	5.5	5.7	5.2	6.7	7.0	6.0
47 Hampton	5.5	5.8	5.1	5.3	6.0	6.3
48 4 Season	5.5	5.5	5.4	3.7	3.3	6.7
49 KB11-32	5.5	5.8	5.1	2.3	5.0	6.0
50 PST-K13-141	5.4	5.8	5.0	4.3	4.3	7.3
51 PST-T12-31	5.4	5.5	5.4	4.7	4.7	6.3
52 PST-K12-130	5.4	5.8	5.0	7.3	7.0	5.3
53 RAD-1371	5.4	5.4	5.5	3.0	6.0	6.0
54 Bluechip Plus	5.4	5.9	4.9	3.0	5.0	6.7
55 A98-1001	5.4	5.9	5.0	2.0	2.7	6.3
56 A09-305	5.4	5.8	5.0	4.0	7.0	6.7
57 Endurance	5.4	5.6	5.2	5.0	2.3	6.3
58 Bolt	5.4	5.6	5.2	7.3	7.7	6.0
59 Blue Note	5.4	5.4	5.4	5.0	5.3	7.3
60 Liberator	5.4	5.8	4.9	2.7	4.0	6.7
61 NuGlade	5.4	6.1	4.6	2.0	4.3	6.0
62 Moonshadow	5.4	5.3	5.4	4.7	3.7	6.0
63 Mystere	5.4	5.8	4.9	3.3	2.7	6.7
64 A05-321	5.4	5.6	5.1	4.0	6.0	6.0
65 Oasis	5.4	5.2	5.5	3.3	3.0	6.7
66 A13-12	5.4	5.5	5.2	5.3	4.3	6.7
67 NuDestiny	5.4	5.9	4.8	2.3	4.3	6.3
68 A04-46	5.4	5.7	5.0	5.7	3.3	6.0
69 366-6-JP08	5.4	5.7	5.0	5.7	4.7	7.0
70 A10-241	5.4	5.7	5.0	2.7	3.0	6.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
71 A09-231	5.3	5.6	5.0	7.0	6.3	5.7
72 PST-K13-139	5.3	5.6	5.0	5.7	6.3	5.7
73 Moonlight SLT	5.3	5.5	5.1	4.0	4.0	5.0
74 Rugby II	5.3	5.6	5.1	2.7	4.3	6.3
75 Pick 4340	5.3	5.4	5.2	3.0	4.0	6.3
76 PST-T10-22-BS	5.3	5.4	5.2	7.0	6.7	6.3
77 A12-33	5.3	5.6	5.0	2.3	3.0	7.0
78 A12-37	5.3	5.6	5.0	5.0	5.7	5.7
79 Midnight II	5.3	5.6	5.0	2.3	4.7	5.7
80 Bedazzled	5.3	5.5	5.1	3.7	3.3	6.7
81 J-1136	5.3	5.4	5.1	2.3	5.0	5.7
82 A06-2	5.3	5.2	5.3	2.7	3.7	5.7
83 A05TB-258 ⁵	5.3	5.3	5.2	5.0	5.3	5.7
84 A07-385	5.3	5.0	5.6	5.5	6.0	6.5
85 PST-K10-107	5.3	5.6	4.9	5.7	5.7	6.0
86 Midnight	5.3	5.5	5.0	2.0	4.3	5.7
87 KB11-4	5.3	6.0	4.6	2.0	4.0	5.7
88 KB11-30	5.3	5.6	4.9	4.3	3.3	6.3
89 Crest 5K10	5.3	5.4	5.1	5.0	4.3	5.7
90 A07-1248	5.3	5.8	4.8	3.3	3.3	5.7
91 PST-T10-17	5.3	5.4	5.1	3.7	6.7	6.0
92 RAD-2154	5.3	5.8	4.7	4.7	5.7	5.7
93 Fullback	5.3	5.4	5.1	3.7	3.0	7.3
94 Nublu Plus	5.3	5.5	5.0	2.0	3.7	6.0
95 Crest 5K-12	5.3	5.3	5.2	6.3	4.3	6.3
96 TD5JP08	5.3	5.5	5.0	7.0	6.7	5.3
97 PST-K12-133G	5.2	5.4	5.0	3.0	2.3	5.7
98 GO-22B23KBG	5.2	4.9	5.6	4.7	4.3	6.7
99 Shiraz	5.2	5.6	4.8	5.7	4.0	6.3
100 A12-28	5.2	5.2	5.2	6.3	6.7	6.0
101 A13-304 TB	5.2	5.3	5.1	5.7	6.0	6.3
102 A13-10	5.2	5.3	5.1	4.0	4.3	5.7
103 Everglade	5.2	5.5	4.8	2.3	3.7	6.0
104 A00-4199	5.2	5.6	4.8	4.3	5.0	6.0
105 PST-T11-29G	5.2	5.1	5.3	4.7	6.3	6.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
106 PST-T13-32	5.2	4.9	5.5	4.7	5.0	6.0
107 Avalanche	5.2	5.8	4.6	7.0	7.0	5.7
108 Ginney II	5.2	5.4	4.9	3.0	4.0	6.3
109 A06-33	5.2	5.4	4.9	5.7	3.7	6.7
110 A13-9	5.2	4.9	5.4	5.3	5.7	5.3
111 Babe	5.2	5.3	5.0	6.3	8.0	4.7
112 A06-08	5.2	5.5	4.8	5.0	3.3	6.0
113 KB11-31	5.2	6.1	4.2	3.3	5.3	6.3
114 Apollo	5.2	5.6	4.7	3.3	2.3	7.0
115 Lunar	5.1	5.9	4.4	6.3	4.7	4.7
116 RAD-848	5.1	5.7	4.6	4.0	4.0	5.7
117 Blueberry	5.1	4.7	5.5	5.7	4.0	6.7
118 Rubicon	5.1	5.2	5.1	7.3	6.3	6.0
119 A12-7	5.1	5.3	5.0	5.7	6.7	5.0
120 A13-17	5.1	5.2	5.0	6.0	5.7	5.3
121 A13-22	5.1	4.9	5.3	5.3	5.0	6.0
122 PST-K10-110	5.1	5.1	5.1	4.0	4.7	6.0
123 PST-K13-137	5.1	5.1	5.2	5.3	6.3	7.0
124 Touche	5.1	5.6	4.6	7.0	7.0	5.3
125 A11-28	5.1	5.2	5.0	6.0	7.7	5.3
126 PST-K13-136	5.1	5.4	4.7	7.3	6.7	5.3
127 A04-383	5.1	5.5	4.6	7.3	7.7	3.7
128 RAD-1409	5.1	5.4	4.7	4.0	5.0	6.3
129 Juliet	5.1	5.3	4.8	6.7	6.7	5.3
130 A07-393	5.1	5.5	4.6	4.3	3.3	6.3
131 A10-247	5.1	5.2	4.9	5.0	5.3	5.3
132 PST-K9-96	5.0	4.9	5.1	4.3	5.7	5.0
133 Washington II	5.0	5.1	5.0	6.0	6.3	5.3
134 A07-21	5.0	5.6	4.5	8.7	7.7	5.3
135 A13-3	5.0	5.2	4.8	5.0	4.7	6.0
136 A13-11	5.0	5.3	4.7	2.7	2.3	6.3
137 A99-3122	5.0	5.3	4.7	5.0	6.0	6.0
138 Merlot	5.0	5.3	4.8	3.7	5.0	6.0
139 A05-1405	5.0	5.0	5.0	4.3	4.3	5.3
140 A05-347	5.0	5.4	4.5	4.7	3.7	6.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
141 A13-20	5.0	5.5	4.5	4.0	5.0	5.7
142 A06-40	5.0	5.3	4.6	4.7	5.0	6.0
143 PST-K13-142	5.0	5.1	4.8	5.0	6.3	5.3
144 A07-1247	5.0	5.4	4.6	4.0	6.7	5.3
145 A13-4	5.0	5.3	4.6	2.7	2.7	5.7
146 A13-7	5.0	5.1	4.8	5.3	3.0	6.7
147 A13-21	5.0	5.1	4.8	5.0	5.0	6.0
148 Jumpstart	5.0	5.0	4.9	7.7	7.3	5.7
149 PST-T10-18	5.0	5.1	4.8	5.7	5.7	5.7
150 SPF 30	5.0	5.5	4.4	5.0	7.0	5.3
151 A05-342	5.0	5.3	4.6	3.3	4.0	6.0
152 PST-K9-88	4.9	4.9	5.0	6.0	2.7	6.7
153 Blue Coat	4.9	4.9	4.9	5.3	5.7	5.0
154 Blue Sapphire	4.9	5.1	4.7	4.3	4.7	7.0
155 A12-3	4.9	4.8	5.0	5.7	5.0	6.0
156 Bandera	4.9	5.1	4.8	3.0	2.3	5.7
157 A04-38	4.9	5.2	4.6	5.3	7.3	4.7
158 PST-K12-132	4.9	4.7	5.1	7.3	4.0	5.7
159 A01-1789	4.9	5.3	4.6	5.3	6.7	5.0
160 Champagne	4.9	5.2	4.8	7.5	6.0	6.3
161 P-105	4.9	5.0	4.8	4.3	3.7	6.7
162 A06-11	4.9	5.4	4.4	5.7	3.7	5.3
163 A13-13	4.9	5.7	4.1	6.7	6.0	6.7
164 A13-5	4.9	5.4	4.5	4.0	3.7	7.0
165 Gaelic	4.9	5.3	4.5	5.7	6.0	6.0
166 Midnight Star	4.9	4.9	4.9	5.7	4.3	6.0
167 GO-2425KBG	4.9	5.1	4.7	4.7	4.7	6.0
168 KB11-24	4.9	5.3	4.4	4.3	1.7	4.7
169 SR 2284	4.9	4.9	4.9	5.0	3.0	6.0
170 MacMillan	4.9	5.3	4.4	4.0	5.3	5.7
171 PST-K10-111	4.9	5.2	4.5	5.3	5.7	5.7
172 A12-8	4.9	5.0	4.7	4.7	4.7	4.7
173 Touchdown	4.8	4.4	5.2	7.0	6.3	6.0
174 PST-K9-97	4.8	4.8	4.8	6.0	5.0	6.7
175 A11-30	4.8	4.9	4.7	4.0	5.3	4.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
176 A13-19	4.8	5.1	4.5	4.7	6.0	5.7
177 A12-1	4.8	4.8	4.7	7.0	7.0	6.0
178 Rubix	4.8	4.8	4.8	8.0	6.0	5.3
179 A13-1	4.8	4.9	4.6	4.0	4.3	6.0
180 Aries	4.8	4.8	4.7	5.3	6.3	5.7
181 Legend	4.8	4.9	4.6	3.0	2.3	6.0
182 Arc	4.8	4.9	4.6	6.3	6.3	6.0
183 A04-14	4.8	5.2	4.3	9.0	8.0	4.0
184 A13-14	4.7	4.7	4.7	2.7	4.7	6.0
185 RAD-1404	4.7	4.9	4.6	6.3	6.7	5.0
186 Corsair	4.7	4.6	4.9	7.0	6.3	5.3
187 Pick MP07	4.7	5.0	4.5	6.7	6.7	4.0
188 A04-1381	4.7	5.0	4.5	4.0	6.0	6.3
189 Shannon	4.7	4.8	4.6	6.3	5.7	5.3
190 A12-29	4.7	5.3	4.1	3.3	6.7	7.0
191 PST-K13-143	4.7	4.5	4.9	5.0	5.0	6.0
192 RAD-1377	4.7	5.0	4.4	7.0	6.0	5.0
193 11-526	4.7	4.9	4.5	6.0	6.0	7.0
194 Wildhorse	4.7	4.8	4.5	6.3	5.3	6.3
195 Argos	4.7	4.9	4.5	4.7	4.7	6.0
196 STR 2553	4.7	5.0	4.4	2.3	2.0	6.3
197 A99-320	4.7	5.1	4.3	9.0	7.0	4.0
198 Selway	4.7	4.8	4.6	6.7	6.0	4.3
199 RAD-1427	4.7	5.0	4.4	3.3	3.3	6.7
200 Bonaire	4.7	4.7	4.7	5.7	6.7	6.0
201 H99-163	4.7	5.1	4.3	6.7	6.7	5.3
202 3925	4.7	4.7	4.6	3.0	3.0	7.0
203 Avaitor	4.7	5.3	4.0	5.7	6.7	5.7
204 KB11-18	4.7	5.1	4.2	3.3	2.3	6.7
205 KB11-22	4.7	4.8	4.5	6.3	7.3	4.3
206 Dauntless	4.6	4.7	4.6	7.0	6.3	5.3
207 KB11-45	4.6	4.9	4.3	3.7	2.3	5.7
208 A05-351	4.6	5.0	4.3	1.3	3.3	5.7
209 A04-13	4.6	4.6	4.7	7.7	6.3	4.3
210 RAD-507	4.6	5.2	4.0	4.0	3.7	6.3

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
211 Milagro	4.6	4.8	4.4	6.3	6.7	6.0
212 A08-2	4.6	4.8	4.4	3.7	2.7	6.3
213 SR 2100	4.6	4.4	4.8	5.3	4.3	6.0
214 A13-2	4.6	4.8	4.4	3.7	4.3	5.0
215 A13-15	4.6	5.1	4.1	7.0	7.7	5.7
216 Mercury	4.6	4.5	4.7	3.7	5.0	5.0
217 A12-26	4.6	4.8	4.4	6.3	6.3	5.7
218 A12-31	4.6	4.8	4.4	6.3	5.0	4.7
219 PST-K11-124	4.6	4.8	4.4	4.0	4.0	5.0
220 A09-258	4.6	5.4	3.8	9.0	7.7	3.3
221 A04-1260	4.6	4.6	4.5	7.0	7.0	3.0
222 Spitfire	4.6	4.7	4.4	4.3	3.0	6.3
223 A12-34	4.6	4.4	4.8	3.3	3.3	6.0
224 A13-8	4.6	5.0	4.1	3.7	3.3	6.3
225 PST-K13-135	4.6	4.9	4.2	5.3	4.0	4.7
226 Black Jack	4.6	4.8	4.3	5.3	5.3	6.3
227 A05-316	4.6	4.7	4.4	5.7	5.7	5.3
228 GS 3-09	4.5	4.3	4.8	4.0	2.7	6.7
229 A10-238	4.5	4.9	4.2	4.3	3.0	6.3
230 PST-K12-134G	4.5	4.6	4.4	6.0	3.7	5.7
231 11-520	4.5	5.2	3.8	3.0	6.3	6.3
232 KB11-46	4.5	4.9	4.2	3.5	2.3	6.0
233 RAD-1405	4.5	4.6	4.3	5.7	5.3	5.3
234 KB11-47	4.5	4.2	4.8	5.0	5.0	5.7
235 PST-K8-76NO	4.5	4.4	4.5	5.3	5.7	5.7
236 Brooklawn	4.5	4.7	4.3	5.7	6.0	4.7
237 11-511	4.5	4.8	4.1	3.7	2.7	5.3
238 A06-632	4.5	5.3	3.6	6.3	7.3	4.7
239 KB11-17	4.5	5.1	3.8	2.7	2.3	5.0
240 Volt	4.5	4.6	4.3	6.7	6.3	5.7
241 A13-16	4.4	4.7	4.2	6.0	6.0	5.7
242 Pick TD8	4.4	4.4	4.5	4.7	4.0	5.3
243 A13-18	4.4	4.7	4.1	6.0	5.0	5.7
244 GO-812KBG	4.4	3.8	5.0	5.7	3.3	6.0
245 A06-3	4.4	4.4	4.4	4.0	3.3	6.7

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² 21 April 2015	Stemmi- ness ³ 2 June 2015	Leaf Spot ⁴ 5 June 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.			
246 12-0038	4.4	4.0	4.8	7.0	5.3	5.3
247 Bluestar	4.4	4.5	4.2	3.7	2.3	5.7
248 KB11-10	4.4	4.7	4.0	5.0	3.3	5.3
249 A09-353	4.4	5.1	3.6	3.0	6.3	5.3
250 A05-275 TB	4.4	3.9	4.8	6.0	5.0	5.3
251 PST-K7-29	4.3	5.1	3.5	3.3	7.3	6.3
252 11-559	4.3	3.9	4.7	3.0	2.7	5.7
253 PST-T13-34	4.3	4.1	4.4	2.7	4.3	6.3
254 Crest	4.2	4.5	3.9	4.0	2.3	6.0
255 PST-101-362	4.2	4.3	4.0	3.7	5.0	5.7
256 A10-873	4.2	4.0	4.4	6.0	5.0	5.0
257 PSG A12-2	4.2	4.6	3.8	6.7	7.0	5.3
258 PST-K13-140	4.2	3.6	4.7	7.3	4.7	5.7
259 A05-344	4.2	4.2	4.1	3.3	3.0	5.3
260 4-11KB	4.1	4.5	3.7	4.7	2.0	6.3
261 America	4.1	4.0	4.1	2.3	1.7	5.7
262 Noble	4.1	4.0	4.2	3.7	2.3	6.0
263 RAD-1776	4.1	4.1	4.0	6.3	5.3	5.0
264 Fielder	4.1	3.9	4.2	4.0	4.0	6.7
265 Blue Ghost	4.0	3.7	4.3	5.3	4.0	5.7
266 Waterworks	4.0	4.2	3.8	3.7	2.7	5.0
267 11-672	4.0	4.0	4.0	2.0	1.3	5.3
268 Armanda	4.0	3.7	4.2	5.0	4.3	5.0
269 11-592	3.9	3.7	4.2	8.0	5.7	4.0
270 PST-K8-60	3.9	4.1	3.7	5.0	4.3	3.7
271 11-695	3.9	3.6	4.2	8.0	5.7	4.0
272 KB11-36	3.9	3.9	3.8	7.0	4.3	5.3
273 PST-PP-48431-10	3.9	4.5	3.2	6.7	3.7	3.3
274 11-583	3.6	3.9	3.3	2.3	1.7	4.7
275 Artesia	2.9	2.4	3.4	3.7	1.7	6.0
276 GO-5675KBG	2.3	1.2	3.5	6.0	2.3	4.7
LSD at 5% =	0.7	0.9	0.9	1.4	1.5	1.4

(Continued)

Table 5. Kentucky bluegrass turf trial, 2013 (continued).

¹ 9 = best turf quality

² 9 = earliest spring green-up

³ 9 = lowest stem count

⁴ 9 = least disease

⁵ TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

Table 6. Performance of Kentucky bluegrass cultivars and selections in a low maintenance turf trial seeded in September 2013 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
1 PST-T10-18	6.7	6.9	6.5	3.0	5.7
2 A09-305	6.7	6.8	6.7	3.0	7.3
3 A07-783	6.6	6.7	6.5	3.3	7.0
4 KB11-22	6.5	6.9	6.1	4.7	5.3
5 Avalanche	6.5	6.8	6.1	3.7	4.7
6 A04-7 TB ⁴	6.5	7.1	5.9	6.3	7.7
7 Touche	6.4	6.7	6.0	4.0	5.7
8 A07-782	6.3	6.4	6.4	3.3	8.0
9 Washington II	6.3	6.8	5.7	4.0	3.7
10 Bolt	6.2	6.5	6.0	3.3	4.3
11 Pick 033	6.2	6.9	5.5	6.7	5.0
12 Blue Note	6.1	6.2	6.2	6.3	3.0
13 Juliet	6.1	6.3	5.9	4.0	4.3
14 A00-1400	6.0	6.3	5.8	5.0	6.0
15 Pivot	6.0	6.3	5.6	4.0	3.3
16 RAD-1409	5.9	6.6	5.3	3.3	5.0
17 Keeneland	5.9	6.6	5.3	5.0	4.3
18 PST-K11-123	5.9	5.7	6.1	5.0	5.7
19 A13-302 TB	5.9	6.0	5.7	5.3	4.0
20 Malbec	5.9	6.6	5.2	5.0	4.3
21 A04-49	5.9	5.8	5.9	7.0	5.7
22 Hampton	5.8	6.7	4.9	6.3	4.3
23 A00-2882	5.8	6.7	4.9	5.7	4.3
24 RSP	5.8	6.4	5.3	5.7	6.7
25 KB11-30	5.8	6.6	5.1	5.3	5.3
26 A05-930	5.8	5.9	5.7	3.0	3.0
27 A06-215	5.8	5.9	5.7	3.3	4.0
28 Legend	5.7	6.3	5.1	5.0	3.7
29 A06-46	5.7	6.8	4.7	4.0	3.3
30 A01-1789	5.7	6.0	5.3	3.7	4.7
31 PST-K13-136	5.6	5.8	5.5	5.7	4.7
32 A06-206	5.6	5.5	5.7	4.7	4.7
33 SPF 30	5.6	6.1	5.1	4.7	5.7
34 A05-1393	5.6	6.5	4.7	5.3	5.7
35 Fullback	5.6	6.3	4.9	5.3	3.7

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
36 TD7-08	5.5	6.4	4.6	4.7	6.3
37 A12-7	5.5	5.9	5.1	4.7	2.0
38 KB11-47	5.5	6.1	5.0	3.3	4.3
39 RAD-1404	5.5	5.5	5.5	3.7	3.3
40 A12-1	5.5	6.0	4.9	5.0	4.7
41 SRX 5321	5.5	5.7	5.4	5.0	4.3
42 Blue Sapphire	5.5	5.6	5.4	4.3	4.0
43 A10-247	5.5	5.5	5.4	4.0	3.0
44 PST-K12-132	5.4	5.6	5.1	6.0	3.0
45 RAD-1377	5.4	5.6	5.3	5.0	4.7
46 H01-938	5.4	6.3	4.5	5.3	7.0
47 Volt	5.4	6.0	4.7	5.3	2.3
48 RAD-1371	5.4	5.2	5.7	2.3	5.0
49 RAD-1776	5.4	5.4	5.4	4.3	3.3
50 98-10 Purple	5.4	5.2	5.6	8.0	4.7
51 A07-1230	5.4	5.7	5.0	4.3	3.7
52 KB11-4	5.4	6.5	4.2	4.3	4.7
53 A04-1557	5.4	5.6	5.1	3.7	2.0
54 SRX-4338	5.3	5.9	4.7	4.3	4.7
55 PST-K13-141	5.3	5.5	5.2	4.7	2.3
56 A04-383	5.3	6.4	4.1	3.3	5.3
57 PST-K10-111	5.3	5.6	4.9	4.0	4.3
58 PST-T12-31	5.3	4.8	5.7	6.0	4.0
59 103-585	5.3	5.5	5.1	5.3	4.3
60 TD-2-JP08	5.2	6.3	4.3	4.7	6.7
61 A04-13	5.2	6.2	4.3	8.0	8.0
62 PST-K13-139	5.2	5.9	4.6	3.0	4.0
63 Green Star	5.2	5.2	5.3	5.3	3.7
64 A04-1381	5.2	5.3	5.1	5.0	2.0
65 PST-K13-135	5.1	5.9	4.4	5.7	1.3
66 A13-19	5.1	5.7	4.5	4.0	4.3
67 Pick 4340	5.1	5.5	4.7	5.0	2.7
68 Mystere	5.1	5.7	4.5	5.3	3.0
69 Aries	5.1	5.8	4.5	5.3	2.0
70 A10-873	5.1	5.3	4.8	4.7	3.3

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
71 Midnight II	5.1	5.8	4.4	4.7	6.7
72 A04-38	5.1	5.8	4.3	4.3	2.7
73 A09-353	5.1	5.7	4.4	4.0	2.7
74 Shiraz	5.1	5.9	4.3	5.3	4.0
75 KB11-6	5.1	6.1	4.1	6.3	3.3
76 Babe	5.1	5.4	4.7	5.7	2.3
77 RAD-2154	5.1	5.9	4.2	5.0	4.7
78 Aramintha	5.1	5.7	4.5	3.0	2.7
79 A04-67	5.1	5.6	4.5	6.3	4.0
80 A12-8	5.0	5.3	4.8	4.0	1.3
81 Bluebank	5.0	5.6	4.5	3.7	7.0
82 Right	5.0	5.8	4.3	5.0	2.7
83 A13-10	5.0	5.3	4.8	4.7	3.0
84 A12-3	5.0	5.4	4.6	4.7	3.7
85 A05-351	5.0	5.8	4.2	4.0	4.7
86 Madison	5.0	5.5	4.5	6.0	4.3
87 Champagne	5.0	5.7	4.3	4.3	3.0
88 A05-321	5.0	5.1	4.9	5.0	3.7
89 KB11-28	5.0	6.0	4.0	4.7	5.0
90 A04-14	5.0	5.7	4.3	7.3	6.3
91 PST-T10-17	5.0	5.8	4.1	4.0	3.7
92 PST-T13-33	5.0	5.5	4.5	4.7	3.0
93 GS3-09	4.9	5.2	4.7	5.0	3.3
94 P-105	4.9	5.5	4.4	4.3	5.3
95 A07-393	4.9	4.9	4.9	5.0	1.3
96 A06-604	4.9	5.3	4.6	2.3	2.7
97 TD-5-JP08	4.9	5.9	4.0	4.3	7.0
98 GO-2425KBG	4.9	4.9	5.0	5.0	3.3
99 KB11-32	4.9	5.5	4.3	5.0	5.7
100 PST-T11-29G	4.9	5.1	4.8	3.3	5.0
101 12-0038	4.9	5.2	4.6	6.0	2.0
102 Geisha	4.9	5.0	4.8	4.3	3.3
103 A98-233	4.9	5.6	4.2	4.7	3.0
104 A05-316	4.9	5.3	4.4	5.3	2.3
105 SR 2100	4.9	5.2	4.5	3.7	3.7

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
106 PST-K11-118	4.9	5.0	4.7	5.7	2.7
107 A07-385	4.9	5.6	4.2	2.7	2.7
108 A05-1405	4.9	5.1	4.5	3.0	2.3
109 Gaelic	4.8	5.2	4.5	6.0	2.7
110 PST-K8-76NO	4.8	5.1	4.5	3.0	2.0
111 PST-T10-22-BS	4.8	5.4	4.3	6.0	4.3
112 PpPK 15	4.8	5.0	4.7	3.3	2.7
113 A06-33	4.8	5.4	4.3	4.0	2.7
114 A13-17	4.8	5.2	4.4	4.7	1.7
115 A13-18	4.8	5.5	4.2	6.0	1.3
116 A09-258	4.8	5.7	3.9	6.3	6.0
117 Mazama	4.8	5.6	4.0	5.3	5.0
118 PST-K13-142	4.8	5.2	4.5	3.7	5.3
119 RAD-1405	4.8	5.2	4.4	3.3	4.7
120 Julia	4.8	5.3	4.3	4.7	3.3
121 Diva	4.8	5.0	4.5	5.0	2.7
122 Bedazzled	4.8	5.5	4.1	6.0	4.0
123 A11-28	4.8	5.0	4.5	4.7	2.3
124 A13-20	4.8	5.8	3.7	4.3	3.0
125 Bandera	4.7	4.7	4.7	5.0	2.7
126 Oasis	4.7	5.2	4.2	4.3	3.7
127 A13-16	4.7	5.1	4.3	6.5	1.0
128 A05-361	4.7	5.3	4.1	6.7	3.7
129 A13-13	4.7	5.0	4.5	6.3	2.0
130 A13-21	4.7	4.8	4.6	5.0	2.3
131 A05-347	4.7	4.8	4.5	5.0	6.3
132 GO-2628KBG	4.7	4.9	4.5	5.0	3.3
133 A06-2	4.7	5.2	4.1	5.3	2.3
134 KB11-45	4.7	5.5	3.8	5.3	3.7
135 PST-K10-107	4.7	5.1	4.3	5.0	4.7
136 Jack Rabbit	4.7	5.1	4.2	5.7	3.0
137 A06-11	4.7	5.2	4.1	5.3	1.7
138 Apollo	4.6	4.9	4.4	5.3	2.7
139 PST-K9-96	4.6	5.3	3.9	4.7	3.0
140 NuGlade	4.6	5.4	3.8	4.7	6.0

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
141 J-1136	4.6	5.2	4.1	4.3	6.3
142 Zedor	4.6	4.6	4.7	4.7	1.3
143 PpPK 5	4.6	5.4	3.9	4.3	3.0
144 Arc	4.6	5.0	4.1	5.7	2.0
145 Milagro	4.6	5.0	4.2	4.0	3.0
146 Bonaire	4.6	5.0	4.2	5.0	2.0
147 Dauntless	4.6	4.7	4.5	4.3	3.0
148 Award	4.6	5.4	3.8	5.3	5.0
149 A11-52	4.6	4.6	4.6	5.0	5.3
150 A13-1	4.6	5.2	4.1	4.7	3.3
151 A07-1248	4.6	5.5	3.7	4.3	4.3
152 Pick MP07	4.6	5.1	3.9	3.7	4.7
153 Wildhorse	4.6	5.0	4.1	5.7	1.7
154 A98-1001	4.6	5.3	3.8	4.3	3.7
155 PST-K12-134G	4.6	4.9	4.2	4.7	2.7
156 Moonlight SLT	4.6	5.2	3.9	5.3	2.0
157 Babe	4.6	4.7	4.4	5.7	2.3
158 NuDestiny	4.6	5.6	3.5	5.3	6.7
159 A13-15	4.6	4.9	4.3	6.3	1.3
160 SRX 466	4.5	5.6	3.5	5.7	4.3
161 KB11-10	4.5	5.0	4.1	4.7	2.0
162 Everest	4.5	5.7	3.5	4.7	5.7
163 Impact	4.5	5.2	3.8	4.7	6.7
164 Moonshadow	4.5	4.6	4.3	3.7	3.7
165 Shannon	4.5	4.8	4.1	4.3	3.3
166 Endurance	4.5	4.4	4.5	5.0	3.3
167 A04-46	4.5	5.2	3.7	4.3	3.0
168 A10-241	4.5	4.9	4.1	4.0	5.0
169 A07-377	4.5	5.1	3.9	3.3	2.7
170 A13-9	4.5	5.0	3.9	5.7	2.7
171 A07-5	4.5	5.2	3.8	3.7	2.0
172 A06-632	4.4	5.1	3.8	4.0	3.3
173 Mozart 1	4.4	3.4	5.5	3.3	3.3
174 A04-1417	4.4	4.9	4.0	4.0	1.0
175 A13-22	4.4	4.9	4.0	6.0	4.0

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi- ness ³ May 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.		
176 KB11-31	4.4	5.1	3.8	4.7	6.3
177 A99-3122	4.4	5.2	3.6	4.7	2.0
178 STR 2553	4.4	4.8	3.9	3.7	4.7
179 KB11-46	4.4	5.3	3.5	4.3	4.0
180 GO-22B23KBG	4.3	4.2	4.6	5.7	4.0
181 KB11-24	4.3	5.1	3.6	5.3	2.7
182 Lunar	4.3	4.9	3.8	5.3	1.7
183 PST-K8-60	4.3	4.4	4.3	4.7	2.0
184 Midnight	4.3	5.0	3.7	4.3	6.3
185 RAD-848	4.3	5.7	2.9	4.3	3.3
186 A06-40	4.3	5.1	3.5	3.7	2.7
187 A12-2	4.3	4.8	3.8	5.0	1.3
188 Selway	4.3	4.6	3.9	3.0	2.7
189 PpPK 6	4.3	4.4	4.1	5.0	3.0
190 A04-1488	4.3	4.9	3.7	4.3	2.0
191 H99-163	4.3	4.2	4.3	5.7	1.7
192 Crest 5K-10	4.3	5.2	3.3	6.3	2.0
193 SRX 2758	4.3	5.0	3.5	6.0	3.7
194 Spitfire	4.3	4.7	3.8	4.7	3.3
195 A00-4199	4.3	4.2	4.3	4.0	4.7
196 Prosperity	4.3	4.7	3.9	4.7	5.3
197 PST-K13-138	4.3	4.6	4.0	3.3	4.0
198 PST-K7-29	4.3	4.9	3.6	3.3	2.0
199 Blue Coat	4.3	4.9	3.5	4.0	2.3
200 A05-323	4.3	4.8	3.8	4.0	2.7
201 A13-11	4.3	4.7	3.9	4.7	4.7
202 A13-4	4.3	4.7	3.9	4.0	3.0
203 Liberator	4.2	4.8	3.7	4.3	5.3
204 Rhythm	4.2	4.6	3.8	4.7	5.7
205 A13-8	4.2	4.6	3.8	4.7	2.3
206 SR 2284	4.2	4.3	4.1	5.7	1.7
207 Mercury	4.2	5.5	2.9	4.3	1.0
208 KB11-17	4.2	5.4	3.1	4.7	3.0
209 A08-3	4.2	4.9	3.6	4.0	4.0
210 A10-5	4.2	4.9	3.4	4.7	4.0

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
211 H06-658	4.2	4.8	3.6	4.0	4.7
212 A05-342	4.2	4.7	3.6	4.7	3.0
213 A08-2	4.2	4.6	3.7	5.3	3.3
214 A07-1247	4.2	4.5	3.8	4.3	2.7
215 4 Season	4.2	4.4	3.9	5.0	4.3
216 A13-7	4.2	4.3	3.9	4.3	3.3
217 Argos	4.1	4.5	3.7	5.0	2.7
218 PST-K9-88	4.1	4.9	3.5	6.0	3.7
219 PST-T13-32	4.1	4.3	4.1	4.7	3.0
220 Rubix	4.1	4.1	4.1	4.7	3.7
221 Touchdown	4.1	4.3	4.0	4.0	4.7
222 KB11-18	4.1	4.9	3.3	4.7	3.7
223 KB11-36	4.1	5.0	3.3	6.3	2.0
224 PST-K13-140	4.1	4.2	4.0	5.0	1.7
225 Brooklawn	4.1	4.3	3.9	5.3	2.7
226 Prafin	4.1	5.0	3.1	5.0	3.0
227 Jumpstart	4.1	4.3	3.9	5.0	3.7
228 Midnight-Star	4.1	4.5	3.6	6.3	4.3
229 Rugby II	4.1	4.6	3.5	5.0	4.0
230 PpPK 4	4.1	4.7	3.5	4.0	2.7
231 PpPK 7	4.1	4.8	3.3	5.3	3.0
232 PpPK 9	4.1	4.1	4.1	4.3	3.0
233 A05-331	4.1	4.2	3.9	3.3	2.3
234 A99-320	4.1	4.4	3.8	6.7	6.0
235 A09-231	4.1	4.6	3.5	5.3	3.3
236 Black Jack	4.0	4.2	3.8	4.7	1.7
237 Everglade	4.0	4.3	3.7	4.0	4.3
238 PpPK 2	4.0	4.0	4.0	5.0	1.3
239 A04-71	4.0	4.8	3.3	4.0	2.7
240 Merlot	4.0	4.8	3.2	4.0	2.0
241 Crest 5K-12	4.0	4.5	3.5	6.0	2.7
242 Pick TD8	4.0	4.8	3.1	5.0	3.0
243 Cocktail	4.0	4.0	4.0	3.0	2.7
244 A06-8	4.0	4.5	3.5	4.7	3.7
245 A13-3	4.0	4.5	3.5	4.3	4.3

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi- ness ³ May 2015
	2014- 2015 Avg.	2014 Avg.	2015 Avg.		
246 Guinney II	4.0	4.5	3.5	4.0	5.7
247 Bluestar	4.0	3.9	4.1	5.7	1.3
248 A13-303 TB	4.0	4.3	3.6	5.3	3.3
249 Gladstone	4.0	4.3	3.6	3.7	2.7
250 Aviator	3.9	4.4	3.5	4.3	3.0
251 A13-12	3.9	4.1	3.7	4.7	2.7
252 366-6-JP08	3.9	4.4	3.3	6.3	1.0
253 A06-3	3.9	4.5	3.3	5.3	1.7
254 3925	3.9	4.4	3.4	4.7	2.7
255 A13-300 TB	3.9	3.5	4.3	3.3	4.3
256 Quantum Leap	3.9	4.4	3.3	4.7	4.7
257 PST-K11-124	3.9	4.0	3.7	5.3	1.0
258 Fahrenheit 90	3.9	4.6	3.1	5.7	3.0
259 NuBlue Plus	3.9	4.6	3.2	4.7	5.7
260 PpPK 33	3.9	4.2	3.5	4.7	3.0
261 PpPK 34	3.9	4.2	3.6	5.3	3.0
262 A05-350	3.9	4.3	3.4	5.0	2.0
263 A04-1260	3.9	4.7	3.0	5.3	4.0
264 A05-940	3.9	3.7	4.1	2.3	2.3
265 Bluechip Plus	3.8	4.3	3.3	5.3	5.3
266 A13-6	3.8	4.0	3.5	4.0	2.3
267 Noble	3.8	4.3	3.3	4.7	3.7
268 Blue Ghost	3.7	3.8	3.6	4.3	2.7
269 RAD-1427	3.7	5.1	2.3	4.0	3.7
270 Armada	3.7	4.3	3.1	5.7	1.7
271 A6-08	3.7	4.1	3.3	5.0	4.0
272 Rhapsody	3.7	3.6	3.8	4.7	2.3
273 A13-5	3.7	4.1	3.3	3.7	2.3
274 Sombrero	3.7	3.8	3.5	4.0	1.3
275 A05-354	3.7	3.5	3.8	4.3	3.3
276 MacMillan	3.6	4.6	2.7	4.0	3.0
277 PST-K10-110	3.6	4.0	3.3	5.0	3.7
278 PpPK 3	3.6	4.3	3.0	4.7	3.0
279 A11-30	3.6	4.3	3.0	4.7	1.0
280 A10-238	3.6	4.3	2.9	4.7	3.3

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2015	Stemmi-ness ³ May 2015
	2014-2015 Avg.	2014 Avg.	2015 Avg.		
281 Crest	3.6	3.6	3.5	4.3	1.7
282 Fielder	3.6	3.4	3.7	5.7	1.3
283 PST-K13-143	3.6	3.3	3.7	3.7	2.0
284 PpPK 1	3.5	4.0	3.0	4.7	2.3
285 A05-344	3.5	4.0	3.0	4.7	1.3
286 Lunar	3.5	3.8	3.2	5.3	2.0
287 Bewitched	3.5	4.0	3.0	4.3	4.0
288 RAD-507	3.5	3.6	3.4	5.3	2.7
289 Rubicon	3.5	3.5	3.5	4.7	3.7
290 Arrowhead	3.5	4.1	2.9	5.3	2.3
291 PST-K13-137	3.4	4.1	2.7	4.7	1.3
292 Katie	3.4	3.5	3.4	4.3	3.0
293 A13-2	3.4	3.4	3.5	4.7	4.0
294 Water Works	3.4	3.9	2.9	5.0	1.7
295 A10-4	3.4	4.0	2.8	4.3	2.0
296 4-11KB	3.4	3.3	3.4	4.7	1.7
297 PST-K9-97	3.4	3.8	2.9	4.0	5.0
298 Blueberry	3.4	3.9	2.8	5.0	1.7
299 Harmonie	3.3	3.4	3.3	4.0	2.7
300 A06-6 TB	3.3	3.1	3.6	4.7	2.7
301 A13-301	3.3	3.5	3.1	3.7	4.0
302 America	3.3	3.4	3.1	5.0	3.3
303 A13-303 TB	3.1	3.7	2.5	5.7	4.0
304 GO-812KBG	3.0	2.8	3.3	4.7	3.3
305 PST-T13-34	3.0	2.9	3.0	3.0	2.0
306 PST-K11-125	2.9	3.4	2.4	3.7	3.0
307 Corsair	2.9	3.1	2.7	4.3	2.7
308 PST-101-362	2.1	2.5	1.7	1.7	1.7
309 A05-1404	2.0	1.4	2.6	2.0	2.7
310 Artesia	2.0	1.8	2.1	2.7	2.3
311 Anastasia	1.8	1.7	1.9	2.3	1.3
312 GO-5675KBG	1.5	1.2	1.8	2.5	1.3
313 Julius	1.4	1.2	1.5	1.7	2.3
LSD at 5% =	0.9	1.1	1.0	1.5	1.6

(Continued)

Table 6. Kentucky bluegrass low maintenance turf trial, 2013 (continued).

¹ 9 = best turf quality

² 9 = earliest spring green-up

³ 9 = lowest stem count

⁴ TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

Table 7. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2014 at Adelphia, NJ.

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
1 A11-26	6.1	4.5	7.0
2 Prosperity	6.0	3.5	4.5
3 Shiraz	5.9	4.0	5.5
4 A11-49	5.9	5.0	6.5
5 Bluechip Plus	5.9	6.0	4.0
6 PST-T11-29G	5.9	5.5	6.0
7 PST-K11-125	5.8	4.5	5.5
8 A14-2	5.8	4.5	7.5
9 A14-5	5.8	5.5	6.5
10 A07-782	5.8	5.0	5.0
11 Everest	5.8	5.5	5.5
12 PST-K13-138	5.8	4.5	6.5
13 PST-T14-35	5.7	4.5	7.0
14 A14-15	5.7	5.0	8.5
15 Blue Note	5.7	4.5	6.0
16 NuDestiny	5.6	7.0	4.5
17 A11-53	5.6	5.0	6.0
18 NuGlade	5.5	7.0	5.5
19 Midnight II	5.5	4.5	4.5
20 P-105	5.5	4.5	7.5
21 A14-3	5.5	6.0	4.5
22 A14-22 TB ⁴	5.5	4.5	7.5
23 A10-249	5.5	4.0	4.5
24 NuBlue Plus	5.5	5.5	5.0
25 NAI 13-14	5.5	6.0	4.5
26 NAI 13-9	5.5	6.5	6.5
27 A14-26 TB ⁴	5.4	4.5	5.0
28 A04-212 TB ⁴	5.4	4.0	7.5
29 A04-68	5.4	6.0	6.5
30 A98-3366	5.4	5.5	8.0
31 A12-57	5.4	4.0	7.5
32 Liberator	5.4	5.5	5.0
33 PST-T10-17	5.4	5.0	6.5
34 A11-38	5.4	5.0	6.0
35 Sudden Impact	5.4	6.0	4.5

(Continued)

Table 7. Kentucky bluegrass turf trial, 2014 (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
36 Hampton	5.4	5.5	8.5
37 Parfin/Blue Devil	5.4	6.5	4.5
38 NAI 13-132	5.4	5.5	4.0
39 PST-T14-38	5.4	3.5	5.5
40 PST-K14-153	5.4	4.5	6.0
41 A14-14	5.3	4.0	6.0
42 Impact	5.3	5.5	5.5
43 Bluecoat	5.3	5.0	6.5
44 A14-10	5.3	4.5	7.0
45 A11-25	5.3	4.0	6.5
46 A07-1230	5.3	4.5	6.5
47 Everglade	5.3	5.5	4.5
48 Midnight	5.3	5.0	4.5
49 Aries	5.3	4.5	7.0
50 Right	5.3	4.0	8.0
51 A12-7	5.3	4.5	7.5
52 A14-31	5.2	5.0	6.5
53 Arrowhead	5.2	5.5	6.5
54 PST-K13-141	5.2	6.0	6.5
55 A10-244	5.2	5.0	7.0
56 A06-1053	5.2	5.0	4.5
57 Mallard	5.2	5.5	5.5
58 Rugby	5.2	6.0	5.0
59 PST-T10-18	5.2	6.5	7.0
60 A98-879	5.2	4.5	6.5
61 PST-K13-139	5.1	5.0	6.5
62 Alexa II	5.1	5.0	4.0
63 A14-218	5.1	4.5	6.5
64 A07-1233	5.1	5.5	4.5
65 GO-14-KBG2628	5.1	4.5	4.5
66 NAI 13-133	5.1	5.0	4.0
67 PST-K10-107	5.1	4.5	7.0
68 A14-11	5.0	5.0	5.5
69 A12-3	5.0	4.0	7.0
70 A06-8	5.0	3.0	6.0

(Continued)

Table 7. Kentucky bluegrass turf trial, 2014 (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
71 A13-5	5.0	4.5	6.5
72 A12-28	5.0	5.5	5.5
73 A13-18	5.0	5.5	8.5
74 Fahrenheit 90	5.0	2.5	6.0
75 PST-K10-110	5.0	4.0	4.0
76 PST-K13-137	5.0	5.5	7.5
77 Jack Rabbit	5.0	6.0	7.5
78 PST-T14-36	5.0	3.5	6.0
79 A14-217	5.0	4.5	7.0
80 A11-41	5.0	7.0	6.5
81 PST-K11-122	5.0	5.0	5.5
82 Ginney II	5.0	7.0	4.5
83 A14-9	4.9	4.5	5.0
84 A10-280	4.9	4.0	6.5
85 A14-13	4.9	4.5	7.0
86 A14-19	4.9	4.0	6.5
87 A04-258 TB	4.9	4.0	5.5
88 A10-886	4.9	4.5	4.5
89 Rubix	4.9	5.5	6.5
90 PST-K12-133G	4.9	4.5	4.0
91 PST-T14-40	4.9	6.5	6.0
92 PST-T13-32	4.9	4.5	8.0
93 Diva	4.9	5.5	4.5
94 A11-42	4.8	5.5	7.5
95 PST-T14-41	4.8	4.0	4.5
96 PST-K11-118	4.8	5.5	6.5
97 PST-K14-148	4.8	4.0	5.5
98 A14-12	4.8	5.0	4.0
99 A14-23 TB ⁴	4.8	4.5	7.5
100 GO-14-KBG2425	4.8	4.0	6.0
101 A06-8	4.8	3.0	5.5
102 PST-T12-31	4.8	5.0	5.5
103 Jumpstart	4.8	5.0	7.0
104 PST-K12-129	4.8	5.5	6.5
105 Oasis	4.8	4.5	4.5

(Continued)

Table 7. Kentucky bluegrass turf trial, 2014 (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
106 A10-832	4.8	6.5	6.0
107 A14-4	4.7	6.0	5.5
108 A06-33	4.7	4.5	6.5
109 Award	4.7	7.0	5.0
110 Moonlight SLT	4.7	4.5	5.0
111 A14-18	4.7	4.5	7.0
112 A08-344	4.7	5.0	5.5
113 A12-31	4.7	4.0	6.0
114 Ridgeline	4.7	4.0	4.5
115 4-Season	4.7	5.0	6.5
116 Midnight Star	4.7	6.0	6.0
117 RAD-2216	4.7	5.0	5.5
118 RAD-2376	4.7	3.5	6.5
119 Legend	4.7	6.5	6.0
120 Arc	4.7	4.0	6.0
121 PST-K13-140	4.7	6.0	5.5
122 PST-T14-37	4.7	4.5	6.5
123 A14-7	4.6	5.0	6.0
124 A06-40	4.6	5.0	5.0
125 RAD-2154	4.6	5.0	5.5
126 Avalanche	4.6	8.0	6.5
127 Cabernet	4.6	6.0	5.5
128 Babe	4.6	6.5	5.5
129 RAD 553	4.6	5.5	7.0
130 PST-K12-132	4.6	6.0	5.0
131 PST-K14-155	4.6	4.0	5.5
132 Lunar	4.6	4.0	5.5
133 A12-8	4.6	4.5	4.0
134 A11-343	4.6	3.0	5.0
135 Corsair	4.6	5.0	6.5
136 PST-K13-143	4.6	4.5	6.5
137 PST-K14-151	4.6	4.0	4.5
138 A08-383	4.5	6.5	8.0
139 A10-241	4.5	4.5	4.5
140 Zinger	4.5	5.5	7.0

(Continued)

Table 7. Kentucky bluegrass turf trial, 2014 (continued).

Cultivar or Selection	Turf Quality ¹	Establishment ²	Stemminess ³
	2015 Avg.	14 Oct 2014	1 June 2015
141 Lunar	4.5	6.0	6.0
142 Wildhorse	4.5	5.5	7.0
143 A09-231	4.5	5.5	6.0
144 A10-238	4.5	4.5	3.5
145 Arc	4.5	4.5	7.0
146 A14-1	4.5	4.5	6.0
147 GO-14-KBG812	4.5	6.0	5.0
148 A05-459 TB ⁴	4.5	2.0	6.5
149 A10-251	4.4	3.0	6.0
150 A05-853	4.4	4.5	8.0
151 GO-14-KBG22823	4.4	5.5	5.0
152 Rubicon	4.4	2.0	6.0
153 PST-K14-152	4.4	4.5	5.0
154 PST-11-124	4.4	4.5	5.5
155 A11-348	4.4	2.5	6.0
156 A14-20 TB ⁴	4.4	2.5	5.5
157 A14-21 TB ⁴	4.4	3.5	5.5
158 A14-24 TB ⁴	4.4	1.5	6.5
159 A10-874	4.4	6.5	6.0
160 A13-21	4.4	5.0	5.5
161 Raven	4.4	7.0	6.0
162 Prosperity	4.4	5.5	4.5
163 PST-K14-154	4.4	4.5	6.5
164 A10-241	4.3	4.0	4.0
165 A12-9	4.3	5.0	7.0
166 Volt	4.3	5.0	7.0
167 Fahrenheit 90	4.3	5.0	6.5
168 Barzan	4.3	2.5	5.5
169 Bordeaux	4.3	5.5	5.0
170 Noble	4.3	5.5	4.5
171 SPF 30	4.3	6.0	7.5
172 Appalachian	4.3	4.5	5.5
173 Dauntless	4.3	5.0	6.0
174 Gateway	4.3	5.0	6.0
175 RAD-2142	4.2	4.5	6.0

(Continued)

Table 7. Kentucky bluegrass turf trial, 2014 (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
176 RAD-2410	4.2	2.5	5.5
177 NAI 13-3	4.2	6.5	6.0
178 A11-378	4.2	6.5	7.5
179 A05-1405	4.2	3.5	5.5
180 PST-T13-34	4.2	2.0	4.0
181 PST-K14-144	4.2	5.0	5.5
182 A04-383	4.2	5.0	7.0
183 A10-873	4.2	7.0	6.0
184 A01-1789	4.1	4.5	6.0
185 Aviator	4.1	4.5	6.5
186 Sombero	4.1	4.5	6.5
187 Zinfandel	4.1	5.5	8.0
188 A14-8	4.0	3.0	7.5
189 Gaelic	4.0	3.5	5.5
190 Selway	4.0	5.0	6.0
191 PST-T14-39	4.0	3.0	6.0
192 RAD-2375	4.0	3.5	7.0
193 A14-6	3.9	3.5	4.0
194 RAD-2359	3.9	6.0	8.5
195 PST-K14-146	3.9	4.5	6.0
196 RAD-2141	3.9	4.5	6.5
197 RAD-2399	3.9	4.0	5.5
198 A06-3	3.9	3.0	5.5
199 A14-25 TB ⁴	3.8	4.5	5.0
200 A04-1260	3.8	7.0	7.0
201 RAD-2371	3.8	5.5	6.5
202 Bluestar	3.8	3.0	4.5
203 Jumpstart	3.7	3.5	6.5
204 A14-216	3.7	4.0	3.5
205 RAD-2156	3.6	4.5	7.0
206 A14-16	3.6	4.5	4.5
207 Blackjack	3.3	3.5	7.0
208 RAD-2177	3.2	2.5	4.5
209 PST-K14-149	3.2	1.5	6.5
210 RAD-2360	3.1	4.5	7.0

(Continued)

Table 7. Kentucky bluegrass turf trial, 2014 (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
211 NAI 13-1	3.0	4.5	4.5
212 Camas	2.9	6.5	8.0
213 Action	2.8	6.0	8.0
214 RAD-2323	2.4	3.5	4.5
215 RAD-2292	2.2	2.0	6.0
LSD at 5%=	1.0	1.7	1.9

¹ 9 = best turf quality

² 9 = best establishment

³ 9 = lowest stem count

⁴ TB = Texas bluegrass hybrid; plants contain 12.5% Texas bluegrass parental genetic background and 82.5% Kentucky bluegrass parental genetic background

Table 8. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2014 at Adelphia, NJ. (Includes all entries in the 2014 Cooperative Turfgrass Breeders Test (CTBT) Kentucky Bluegrass Trial.)

Cultivar or Selection	Turf Quality ¹	Establishment ²	Stemminess ³
	2015 Avg.	14 Oct 2014	1 June 2015
1 AKB2839	6.2	5.7	7.3
2 AKB2949	6.1	5.3	6.0
3 A04-68	6.0	6.7	8.0
4 AKB2836	5.9	5.3	6.3
5 Keeneland	5.9	4.7	7.0
6 Blue Note	5.8	5.0	6.0
7 Midnight	5.7	5.3	6.0
8 Right	5.7	5.0	7.3
9 AKB2404	5.6	5.0	4.7
10 K10-111	5.6	4.3	6.3
11 K13-138	5.6	4.7	7.3
12 T12-31	5.6	5.3	6.7
13 A08-3	5.6	4.3	5.7
14 AKB1764	5.5	4.7	6.7
15 Bedazzled	5.4	4.7	5.7
16 A06-2	5.4	4.3	6.0
17 Mallard	5.3	5.3	6.7
18 AKB434	5.3	5.0	6.0
19 AKB1078	5.3	5.0	6.0
20 T14-38	5.3	3.0	6.3
21 Ridgeline	5.3	4.3	6.0
22 K13-141	5.2	5.3	5.7
23 AKB1812	5.2	4.7	6.3
24 T14-40	5.2	6.0	6.7
25 Bewitched	5.2	4.0	6.3
26 AKB2403	5.2	4.0	5.7
27 K10-107	5.1	5.3	7.7
28 K14-155	5.1	5.0	6.0
29 TD-8	5.1	5.0	6.7
30 K13-139	5.1	5.0	7.0
31 Jack Rabbit	5.1	4.7	7.3
32 A12-1	5.0	4.0	7.0
33 T10-22	5.0	7.0	7.7
34 AKB2313	5.0	4.3	4.7
35 AKB1820	5.0	4.7	5.3

(Continued)

Table 8. Kentucky bluegrass turf trial, 2014, CTBT (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
36 A98-1001	5.0	5.0	4.0
37 T10-18	5.0	5.3	7.0
38 A12-3	5.0	4.7	7.0
39 KH3492	5.0	4.3	6.7
40 AKB1162	5.0	3.7	8.0
41 AKB2543	4.9	5.0	5.7
42 A99-523	4.9	4.3	4.0
43 A05-342	4.9	4.3	5.7
44 Legend	4.9	5.0	5.3
45 K13-137	4.9	5.3	6.3
46 Rhapsody	4.9	4.7	6.7
47 K12-133G	4.9	5.7	4.7
48 A06-3	4.8	4.7	5.3
49 TB 677	4.8	7.0	6.0
50 K11-118	4.8	5.7	7.3
51 A09-353	4.8	7.0	7.0
52 AKB1193	4.8	5.7	5.7
53 A12-2	4.7	5.3	7.3
54 K11-125	4.7	4.7	6.0
55 TD-2	4.7	4.7	7.3
56 AKB1147	4.7	5.0	6.7
57 A08-2	4.7	4.0	4.0
58 K10-110	4.7	4.0	5.3
59 A06-671	4.7	5.7	7.7
60 A98-3366	4.7	4.3	6.7
61 MacMillan	4.7	5.0	4.7
62 AKB510	4.7	5.7	5.3
63 AKB1184	4.6	3.3	7.3
64 T13-34	4.6	3.0	5.3
65 A04-1381	4.6	4.7	6.3
66 A09-258	4.6	6.7	7.0
67 Spitfire	4.6	6.0	6.3
68 K12-132	4.6	4.0	6.0
69 Dauntless	4.6	4.3	6.3
70 T14-39	4.5	3.7	6.3

(Continued)

Table 8. Kentucky bluegrass turf trial, 2014, CTBT (continued).

Cultivar or Selection	Turf Quality ¹ 2015 Avg.	Establishment ² 14 Oct 2014	Stemminess ³ 1 June 2015
71 A99-2897	4.5	4.7	3.7
72 K14-152	4.5	4.3	5.7
73 K13-140	4.5	5.0	6.7
74 Mercury	4.5	4.0	5.7
75 Haromine	4.5	4.7	5.3
76 TD-7	4.4	5.3	6.7
77 A06-19	4.4	3.7	6.7
78 K13-143	4.4	3.0	6.3
79 K14-148	4.4	4.7	6.7
80 America	4.4	6.3	5.7
81 Crest 5K-12	4.4	4.3	6.3
82 A10-5	4.3	3.3	7.0
83 AKB2310	4.3	4.3	4.3
84 Geronimo	4.3	5.7	7.3
85 Sombrero	4.2	5.3	7.0
86 TD-5	4.2	5.3	7.0
87 Touchdown	4.1	4.0	7.3
88 A06-643	4.1	3.7	6.0
89 AKB1661	4.1	4.7	6.3
90 A10-4	4.0	3.7	5.3
91 Crest	3.9	6.0	5.3
92 AKB2120	3.9	4.0	6.0
93 TD-4	3.7	3.0	6.3
94 A10-873	3.7	7.3	7.3
95 PST-K9-103	3.7	4.7	5.0
96 AKB1892	3.4	5.7	4.0
97 Ken Blue	3.3	8.7	7.7
LSD at 5%=	0.7	1.3	1.3

¹ 9 = best turf quality

² 9 = best establishment

³ 9 = lowest stem count

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.

	2012		2013		2014		2015	
	N ¹	Ht ²	N	Ht	N	Ht	N	Ht
Table 1 (2011 Adelphia).....	3.75	1.5	3.0	1.5	2.90	1.5	2.75	1.5
Table 2 (2011 Adelphia NTEP)	3.75	1.5	3.0	1.5	2.90	1.5	3.50	1.5
Table 3 (2012 Adelphia).....			3.0	1.5	2.90	1.5	3.00	1.5
Table 4 (2012 North Brunswick, Low Maintenance)			1.5	3.0	1.75	2.5	1.75	2.5
Table 5 (2013 Adelphia).....					3.60	1.5	3.00	1.5
Table 6 (2013 Adelphia, Low Maintenance)					1.50	2.5	1.50	2.5
Table 7 (2014 Adelphia)							3.75	1.5
Table 8 (2014 Adelphia CTBT)							3.60	1.5

¹ Annual N applied (lb/1000 ft²)

² Mowing height in inches